

**SSMP
ELEMENT 6 – Overflow
Emergency Response Plan
APPENDIX 6.8**

SSO Technical Report

Insert City of San Mateo Letterhead

Date

State Water Resources Control Board
1001 I Street
Sacramento, CA 95814

Subject: Technical Report for Sanitary Sewer Overflow Greater than 50,000 Gallons
Event ID: XXXXXX

This submittal comprises the Sanitary Sewer Overflow (“SSO”) Technical Report (“Report”) that is required by State Water Resources Control Board (“SWRCB”) Order No.WQ 2013-0058-EXEC (“Order”). The Order requires each enrollee to submit an SSO Technical Report in the California Integrated Water Quality System (“CIWQS”) online SSO database within 45 calendar days of the SSO end date for any SSO in which 50,000 gallons or greater are spilled to surface waters.

This Report comprises the following sections:

1. Causes and Circumstances of the SSO
2. City’s Response to SSO
3. Water Quality Monitoring

1.0 CAUSES AND CIRCUMSTANCES OF THE SSO

A. Description of how and when the SSO was discovered.

B. Figure 1 shows the SSO failure point, appearance point(s), and final destination(s).

C. Methodology and data used to calculate the volume of the SSO and any SSO volume recovered.

D. Detailed description of the cause(s) of the SSO.

E. Copies of original field crew records used to document the SSO are included at the end of this Report.

F. The Order requests historical maintenance records for the failure location. The associated pipe segment cleaning and CCTV history is provided in Table 1.

Table 1. Maintenance Results for Pipe Segment XXXXX-XXXX

Date	Action: Clean or CCTV	Summary of Findings

2.0 CITY RESPONSE TO SSO

A. The following presents a chronology of all actions taken to terminate the SSO.

B. The actions described in 2A, above, followed the City’s Sewer System Management Plan (“SSMP”) Overflow Emergency Response Plan. Specifically, the activities related to initial response, reporting, notifications and posting, and corrective measures were followed. The City is currently in the process of updating its SSMP to include the Water Quality Monitoring Plan requirements from the Order. The City completed water quality sampling within 48 hours after the end of the SSO, and submitted these samples for bacteriological and ammonia testing as required by the Order.

C. Final corrective action(s) completed and/or planned to be completed, including a schedule for actions not yet completed are described below.

3.0 WATER QUALITY MONITORING

A. Water quality sampling activities conducted, including analytical results and evaluation of

the result, are as follows.

B. Figure 2 shows a location map showing water quality sampling points.

If you have further questions or would like additional information about this Technical Report, please contact me by phone at (650) 522-7359 or by email at jackson@cityofsanmateo.org

Sincerely,

Ray Jackson
Field Maintenance Manager