

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: JOE SCHIAVONE, DEPUTY DIRECTOR – WATER AND SEWER
OPERATIONS
WATER DEPARTMENT
SUBJECT: RE-CERTIFICATION OF THE SEWER SYSTEM MANAGEMENT
PLAN (SSMP) AND RECOMMENDATION TO CITY COUNCIL

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Water Department that the Board of Public Utilities, by resolution, recommend that the City Council approve re-certification of the Sewer System Management Plan (SSMP) as required by the State Water Resources Control Board Order No. 2006- 003 Statewide General Waste Discharge Requirements for Sanitary Sewer Systems and delegate authority to the Board of Public Utilities to approve future re-certifications of the SSMP.

EXECUTIVE SUMMARY

On May 2, 2006, the State Water Resources Control Board (SWRCB) adopted Order No. 2006-0003 Statewide General Waste Discharge Requirements (WDR) for Sanitary Sewer Systems, developing a regulatory mechanism to provide a consistent statewide approach for reducing sanitary sewer overflows (SSOs). The City's sanitary sewer system is subject to this WDR, which required each agency to create a Sanitary Sewer Management Plan (SSMP) to provide a plan and schedule to properly manage, operate, and maintain all parts of the sanitary sewer system to help reduce and prevent SSOs, as well as mitigate any SSOs that do occur.

The WDR requires that the SSMP be updated and re-certified every five years. The SSMP was updated in March 2019 and must be re-certified and submitted to the State by May 1, 2019. The Water Department will request that City Council delegate authority to the Board of Public Utilities to approve future SSMP re-certifications. Delegating approval authority of future re-certifications to the Board of Public Utilities will streamline the process of adopting future revisions and is consistent with the general policy and management authority over the water and sewer utilities granted to the Board under Section 25 of the Charter of the City of Santa Rosa.

BACKGROUND

The SWRCB protects California's water quality through the regulation of wastewater and stormwater discharges and other activities that could degrade water quality. On May 2, 2006, the SWRCB adopted Order No. 2006-0003 Statewide General WDR for Sanitary Sewer Systems. The purpose of the WDR is to develop a regulatory mechanism to provide a consistent statewide approach for reducing sanitary sewer overflows SSOs. The City sanitary sewer system is subject to this WDR.

The WDR required each agency to create a SSMP to provide a plan and schedule to properly manage, operate, and maintain all parts of the sanitary sewer system in order to help reduce and prevent SSOs, as well as mitigate any SSOs that do occur.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On April 16, 2009, the Board of Public Utilities recommended that the City Council certify the initial SSMP by Resolution No. 951.

On April 17, 2014, the Board of Public Utilities recommended that the City Council re-certify the SSMP by Resolution No. 1067.

ANALYSIS

1. The SSMP identifies three main goals that the Water Department has set for the management, operation and maintenance of the sanitary sewer system and discusses the role of the SSMP in supporting these goals. These goals include:
 - a. Minimize the number and impact of SSOs;
 - b. Maintain and improve the condition of the collection system infrastructure in order to provide reliable service now and into the future; and
 - c. Cost-effectively minimize infiltration/inflow (I&I) and provide adequate sewer capacity to accommodate design storm flows.
2. Over the last five years, the Water Department has conformed with the goals identified in the SSMP through implementing ongoing maintenance programs and Capital Improvement Plan (CIP) projects as described below:
 - a. Minimize the number and impact of SSOs: Water staff provide emergency response, clean-up, source mitigation and notification follow-up for all SSOs in accordance with the guidelines set forth in the SSMP-Overflow Emergency Response Plan.
 - b. Maintain and improve the condition of the collection system infrastructure in order to provide reliable service now and into the future: Water staff performs regularly scheduled sanitary sewer system maintenance, CCTV inspections,

- and request CIP system improvements based on deficiencies noted from CCTV inspection reports and sewer system computer model evaluations.
- c. Cost-effectively minimize infiltration/inflow (I&I) and provide adequate sewer capacity to accommodate design storm flows: Water staff maintain and utilize data collection from flow monitors, inspect sources of I&I with the aid of smoke testing and CCTV inspections, and maintain and enforce sanitary sewer system design and construction standards.
3. One of the required elements of the SSMP includes completion of biennial audits which are used to determine the effectiveness of SSMP elements. Audits review relevant data and trends maintained as part of the SSMP Monitoring and Measurements Program to determine opportunities to improve compliance with SSMP requirements. The 2019 SSMP audit was recently completed and the SSMP was revised based on audit recommendations. Specific changes to the SSMP were minor and include:
 - a. Updates to organizational charts to reflect current staffing;
 - b. Changes to Design and Performance Provisions based on City Construction Standards update;
 - c. Revised contact information, notification/reporting flow chart update, revised spill categories to meet state reporting requirements;
 - d. System evaluation short and long-term goals (Sewer Master Plan);
 - e. Updated system performance measures for future SSMP audits;
 - f. Included social media in Communication Program;
 - g. Included definitions and terms;
 - h. Included certification page;
 - i. Included "Change Log" to track future changes.
 4. The WDR requires that the SSMP be updated every five years and include any significant program changes. The SSMP was updated and revised in March 2019 and is now ready for re-certification. Re-certification and submittal to the State is due May 1, 2019.
 5. The WDR requires re-certification to occur at a public meeting of the agency's governing board. To support a timelier processing of future re-certifications, the Water Department will recommend to City Council that authority to re-certify the SSMP be delegated to the Board of Public Utilities in the future. Granting the authority is consistent with Section 25 of the Charter of the City of Santa Rosa which grants the Board general policy authority and direction over the management and operation of the City's water and sewer utilities.

FISCAL IMPACT

None. Approval of this action does not have a fiscal impact on the Waste Water

Enterprise Fund.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) because it is not a project which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, pursuant to CEQA Guideline section 15378.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

ATTACHMENTS

- Attachment 1: Sewer System Management Plan, Revised March 2019
- Attachment 2: Board of Public Utilities Resolution No. 951
- Attachment 3: Board of Public Utilities Resolution No. 1067

CONTACT

Joe Schiavone
jschiavone@srcity.org
707-543-3895