



Legislation Details (With Text)

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**Title:** SUBJECT: Re-Certification of the Sewer System Management Plan (SSMP)  
 Recommendation for Action: Staff recommends that the City Council approve the 2015 Revised SSMP.

**Sponsors:**

**Indexes:**

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**Attachments:** 1. A - 2015 Revised SSMP

Date	Ver.	Action By	Action	Result
6/16/2015	1	City Council	approved on the Consent Agenda	

TO: THE HONORABLE MAYOR AND CITY COUNCIL

DATE: June 16, 2015

SUBJECT: Re-Certification of the Sewer System Management Plan (SSMP)

**Recommendation for Action:** Staff recommends that the City Council approve the 2015 Revised SSMP.

**Staff Contact**

Tim Busch, Principal Utilities Civil Engineer - 530-661-5963, tim.busch@cityofwoodland.org

**Fiscal Impact**

This action has no impact on the City’s General Fund. The sewer enterprise fund currently covers staffing and preventative maintenance costs necessary to implement the SSMP.

**Background**

On May 2, 2006 the State Water Resources Control Board (SWRCB) adopted the Statewide General Waste Discharge Requirements (WDRs or general WDRs), Order No. 2006-0003 to provide statewide approach for reducing Sanitary Sewer Overflows (SSOs). An SSO is any overflow, spill, release, discharge, or diversion of untreated or partially treated wastewater from a sanitary sewer system. SSOs often contain high levels of suspended solids, pathogenic organisms, toxic pollutants, nutrients, oil, and grease. SSOs pollute surface and ground waters, threaten public health, adversely affect aquatic life and impair the recreational use and aesthetics of surface waters. The goal for SSO reduction is to decrease the risk to human health and the environment. To accomplish this goal, the general WDRs require each public agency that owns and/or operates a sanitary sewer system to meet specific requirements, including development and implementation of a system-specific Sewer System Management Plan (SSMP). To comply with this requirement, the City Council certified

the SSMP on June 16, 2009.

### WDR and Sewer System Overview

The most significant requirement from the general WDRs is the need to develop and implement a Sewer System Management Plan (SSMP) for the reduction of sanitary sewer overflows (SSOs) reaching the waters of the United States. The SSMP once developed is required to be updated every five years and certified by the SWRCB upon completion. A copy of the SSMP must be publicly available and the 2015 revised SSMP will be posted on the City's website.

The mandatory elements of the SSMP are specified below:

1. Develop specific and measureable Goals for planning, scheduling, and evaluating the City's management, operations, and maintenance of all parts of the sewer system.
2. Organizational structure for SSO reporting and evaluation of the SSMP implementation.
3. Demonstrate legal authority of the sewer system through the use of ordinances for enforcement of violations and to effectively manage the sanitary sewer system.
4. Continue development and implementation of an operations and management program for the sewer system that describes preventative actions such as regular maintenance and cleaning of the sewer system; evaluate the conditional ranking of sewer pipes, recommend rehabilitation, and fund the completion of recommended rehabilitation; and provide training on a regular basis for utility maintenance workers.
5. Further develop the design and construction standards for the installation, repair, inspection, and testing of the sewer system.
6. Revision and implementation of the Overflow and Emergency Response Plan (OERP) that identifies the measures taken to protect public health and the environment when a spill occurs.
7. Evaluate the Fats, Oil, and Grease (FOG) control program which conducts public education and outreach, FOG disposal, best management practices (BMPs) for grease removal devices' operation and maintenance, identification of sections subject to FOG blockages, and development of source control measures.
8. Continued development of the System Evaluation and Capacity Assessment Plan (SECAP) that defines problem areas of the sewer system to be addressed through the capital improvement plan (CIP) for scheduling and funding of proposed rehabilitation.
9. Monitor and measure the effectiveness of the SSMP and make appropriate modification based on the monitoring and performance evaluation.
10. Conduct internal audits, at least every two years, evaluating the effectiveness of the SSMP. An audit report is prepared every two years that describes identified deficiencies and the steps enacted to correct the deficiencies.
11. Provide a communication program consisting of the city website information of the SSMP and internal audits with public outreach for FOG and an email and phone number for further information requests.

### Discussion

The revised version of the SSMP meets each of the mandatory elements described herein. This document was extensively reviewed and discussed in great detail by the City's Engineering and Public Works staff to include the amended WDR orders that were issued since the SSMP was certified. Specifically, Order 2006-0003-DWQ, which established a class of operations, facilities, and discharges statewide for sanitary sewer systems, was amended by Order 2008-0002-EXEC. The amendment addressed the required timeframe the City had to notify all emergency and regulatory parties of a spill or overflow that affected a drainage channel or surface

waters. Order 2013-0058-EXEC, the latest amendment, addressed new reporting requirements for compliance and enforcement issues to improve the quality and usefulness of monitoring and reporting program (MRP) for sanitary sewer overflows.

**Conclusion**

Staff recommends that the City Council approve the 2015 Revised Sewer System Management Plan (SSMP) as described herein.

Prepared by: Sherry Kimura, Engineering Tech III

Reviewed by: Tim Busch, Principal Utilities Civil Engineer  
Brent Meyer, City Engineer



Paul Navazio, City Manager

**ATTACHMENT:** Attachment A - 2015 Revised SSMP