



City of Woodland

REPORT TO MAYOR AND CITY COUNCIL

AGENDA ITEM

TO: THE HONORABLE MAYOR
AND CITY COUNCIL

DATE: June 16, 2009

SUBJECT: Certification of the Sanitary Sewer Management Plan (SSMP)

Report in Brief

The final version of the SSMP has been completed and is ready for the final process of having the City Council certify the plan. This will meet our requirement of the State Water Resources Control Board (SWRCB) Statewide General Waste Discharge Requirements (WDRs or general WDRs), Order No. 2006-0003.

Staff recommends that City Council certify the final version of the May 2nd, 2009 Sanitary Sewer Management Plan as described herein.

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 a consistent 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 or operates a sanitary sewer system to meet specific requirements, including development and implementation of a system-specific Sewer System Management Plan (SSMP). As such, the City of Woodland (City) was required to submit portions of the SSMP in accordance with the dates specified in the WDRs. To comply with this requirement, the City Council certified the Development Plan and Schedule for the SSMP on September 18, 2007, in order to complete the SSMP by August 2, 2009.

WDRs and Sanitary System Overview

The most significant requirement from the general WDRs is the need to develop and implement a Sewer System Management Plan (SSMP) which must be approved by the City Council at a public meeting, updated every five years, and certified by an authorized representative upon completion.

The City must communicate on a regular basis with the public regarding the development, implementation and performance of the SSMP. A copy of the SSMP must be publicly available, typically by posting the SSMP on the Internet.

The mandatory elements of the SSMP are specified below:

1. Develop specific and measurable Goals for planning, scheduling and evaluating the City's proper management, operation, and maintenance of all parts of the sanitary sewer system.
2. Build Organization structure for SSO reporting and SSMP implementation.
3. Demonstrate legal authority via sewer system use ordinances to enforce violations and to effectively manage the sanitary sewer system.
4. Develop an operation and management program for the sanitary sewer system that describes preventive action such as regular maintenance and cleaning of the sewer system; develop and implement a system for ranking the condition of sewer pipes, recommend rehabilitation, and fund the completion of recommended rehabilitation; and provide training on a regular basis for maintenance workers.
5. Develop design and construction standards for the installation, repair, inspection and testing of the sewer systems.
6. Develop and implement an overflow and emergency response plan that identifies the measures taken to protect public health and environment when a spill occurs.
7. Evaluate a Fats, Oil and Grease (FOG) control program including implementation plan and schedule, public education and outreach, FOG disposal, requirements for installing grease removal devices and its design standards, best management practices (BMPs) for device operation and maintenance, identification of sections subject to FOG blockages, and development of source control measures.
8. Prepare and implement System Evaluation and Capacity Assessment Plan (SECAP) that defines a capital improvement plan (CIP) that will provide hydraulic capacity of key sewer system elements for dry weather peak flow conditions, as well as the appropriate design storm wet weather event. Specifically, the CIP needs to address priority, alternatives analysis, schedules, and funding for proposed rehabilitation.
9. Monitor and measure the effectiveness of the SSMP and make appropriate modifications based on the monitoring and performance evaluation.
10. Conduct periodic internal audits, at minimum of every two years, evaluating the effectiveness of the SSMP. An audit report must be prepared and kept on file that describes identified deficiencies and the steps enacted to correct the deficiencies.
11. Implement a communication program to make public aware of the development, implementation and performance of the SSMP and allow input from the public as the program is developed and implemented.

Discussion

The final 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 Council Infrastructure Committee, engineering staff and the Public Works Director on May 19, 2009. Infrastructure Committee members Bill Marble and Martie Dote favorably reviewed the SSMP prior to recommending that it be considered for certification by the City Council.

Fiscal Impact

This action has no impact on the City's General Fund, however to meet the new requirements in the SSMP there will be an impact to the Sewer Enterprise Fund. The SSMP will impact staffing for the GIS mapping and maintenance of the data set, new requirements for CCTV and line cleaning, and improving employee retention in higher skill areas in order to meet permit requirements. Employee retention is presently having a negative impact on meeting permit required goals in certain areas of the SSMP. The data developed using City Works and GIS data in the coming Fiscal Year will refine the fiscal impact and be presented to Council.

Public Contact

Posting of the City Council agenda.

Council Committee Recommendation

The SSMP was favorably reviewed by the City Council Infrastructure Committee on May 19, 2009.

Recommendation for Action

Staff recommends that City Council certify the final version of the May 2nd, 2009 Sanitary Sewer Management Plan as described herein.

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Attachments