

The State of California requires all sewer system operators to have a Sewer System Management Plan (SSMP). The SSMP is a document that describes the activities we use to manage our wastewater collection system effectively.

Effective management of a wastewater collection system includes:

- Maintaining or improving the condition of the collection system infrastructure in order to provide reliable service into the future.
- Cost-effectively minimizing infiltration/inflow (I/I) and providing adequate sewer capacity to accommodate design storm flows; and
- Minimizing the number and impact of sanitary sewer overflows (SSOs) that occur.

The City's SSMP contains eleven sections. Each can be found on our website. You can also link to each section of the SSMP by clicking on the following major sections.

### **1 - SSMP Goals**

We are required to develop goals for the Sewer System Management Plan as follows:

- To properly manage, operate, and maintain all parts of the wastewater collection system
- To provide adequate capacity to convey peak flows
- To minimize the frequency of SSOs
- To mitigate the impact of SSOs

### **2 - Organizational Structure**

We are required to provide information regarding organization:

- Identify agency staff responsible for implementing, managing, and updating the SSMP
- Identify chain of communication for responding to SSOs
- Identify chain of communication for reporting SSOs

### **3 - Legal Authority**

We are required to describe our legal authority, through sewer use ordinances, services agreements, or other legally binding procedures to:

- Control infiltration/inflow (I/I) from satellite wastewater collection systems and laterals
- Require proper design and construction of new and rehabilitated sewers and connections
- Require proper installation, testing, and inspection of new and rehabilitated sewers

### **4 - Operation & Maintenance Program**

This section describes the duties of our contract operator (Environ Strategies) utilizes to ensure and document normal, preventive maintenance. This includes tasks to:

- Provide for routine Monitoring and Cleaning
- Ensure that at least 20% of the collection system has a CCTV review annually
- Maintain a Sewer Maintenance List
- Devise and implements a system rehabilitation plan
- Incorporate maintenance activities into the City's GIS System

#### **5 - Overflow Emergency Response Plan**

We are required to develop an overflow emergency response plan with the following elements:

- Notification – Provide SSO notification procedures.
- Response – Develop and implement a plan to respond to SSOs.
- Reporting – Develop procedures to report and notify SSOs per SSO Monitoring and Reporting Program.

Impact Mitigation – Develop steps to contain wastewater, to prevent overflows from reaching surface waters, and to minimize or correct any adverse impact from SSOs.

#### **6 - Design & Performance Provisions**

We are required to identify minimum design and construction standards and specifications for the installation of new sewer systems and for the rehabilitation and repair of existing sewer systems.

#### **7 - System Evaluation & Capacity Assurance Plan**

We are required to

- Identify and prioritize structural deficiencies and implement a program of prioritized short-term and long-term actions to address them.
- Establish a process to assess the current and future capacity requirements for the collection system facilities.
- Prepare and implement a capital improvement plan to provide hydraulic capacity of key sewer system elements under

#### **8 - Monitoring, Measurement, and Program Modification**

We are required to monitor the effectiveness of each SSMP element and update and modify SSMP elements to keep them current, accurate, and available for audit as appropriate

## **9 - SSMP Program Audits**

We are required to conduct an annual audit of our SSMP which includes any deficiencies and steps to correct them (if applicable), appropriate to the size of the system and the number of overflows, and submit a report of such audit.

## **10 - Communication Program**

We are required to communicate with end users, visitors and the public on a regular basis about our SSMP and what we are doing to implement its goals and requirements.

## **11 - SSMP Finalization and Certification**

Our City Council is required to certify our plan and any updates.