

Sewer System Management Plan (SSMP)

2025 Update



Sanitary Sewer Collection System

Waste Discharge ID (WDID): # 8SSO20032

REVIEWED AND APPROVED BY:

HYE JIN LEE, Director of Public Works

City of Chino

Sanitary Sewer Collection System
(includes Element Development Plans & Schedules)

OCT. 7, 2025

Date Signed

REVIEWED AND APPROVED BY:

KEITH A. MARTINEZ, Public Works Services

Manager

Legally Responsible Official

City of Chino

Sanitary Sewer Collection System
(includes Element Development Plans & Schedules)

10-7-2025

Date Signed

PREPARED BY:



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City of Chino
Att: Keith A. Martinez, Public Works Services Manager
Legally Responsible Official (LRO)
Sanitary Sewer Collection System (WDID #8SSO20032)
5050 Schaefer Ave
Chino, CA 91710

Dear Keith,

We are pleased to present the new 2025 Sewer System Management Plan (SSMP) Update developed in partnership with City management. The 2025 Update meets and exceeds compliance with the WDR (State Water Board, Water Quality Order No. 2022-0103-DWQ, Attachment D-10 and Specifications 5.4). The 2025 SSMP has been completely revised to harmonize with industry standard guidelines and incorporates the City's latest SSMP Audit findings.

The 2025 SSMP is a declaration of what the City is doing to demonstrate full compliance with the Reissued WDR. Attachment A of the Reissued WDR (page A-4), states "A sewer system management plan is a living document an Enrollee develops and implements to effectively manage its sanitary sewer system(s) in accordance with this General Order." As a reminder, the WDR requires the City to review and update the SSMP as necessary until its next 6-year SSMP Update is completed.

To support these ongoing review and update requirements, this document includes a sample change log that may be used as a reference if a system is not already in place. We encourage you to share this example with all relevant team members responsible for implementing or documenting SSMP revisions, to help ensure consistency, transparency, and continued compliance.

We look forward to assisting the City wherever necessary to fully implement the new 2025 SSMP Update.

Sincerely,

A handwritten signature in cursive script that reads "Jim Fischer".

James Fischer, P.E.
Principal, Fischer Compliance LLC
Credentialed U.S. EPA NPDES Compliance Inspector

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Introduction

This Sewer System Management Plan (SSMP) or “Plan” has been prepared for the City of Chino (City) with technical assistance from Fischer Compliance LLC with the goal of meeting and exceeding compliance with the State Water Resources Control Board 2022 General Waste Discharge Requirements, Order WQ 2022-0103-DWQ for Sanitary Sewer Systems (referred to throughout this document as the WDR). The City provided all details, information, and institutional insights for preparation of the SSMP. The document has been developed to meet the size, scale, and complexity of the City, serving as a “living document” used as a tool for managing and operating the City's sanitary sewer collection system. Additionally, the latest 2024 Sewer System Management Plan Guidance Manual published by the Bay Area Clean Water Agencies (BACWA) was utilized as a model for development of the document to harmonize formatting/content and incorporate recommended suggested guidance wherever possible.

The City's commitment to meeting or exceeding regulatory requirements, along with its proactive approach to operation and management of the collection system, has served it well, as evidenced by the system's performance relative to other agencies in the region and the state.

SSMP Organization

This SSMP is organized into 11 core elements following Attachment D of the WDR, with inclusion of applicable Specifications requirements.

Each individual element in the SSMP includes the following technical contents.

1. Requirements – Provides the actual description of applicable requirements in the WDR.
2. Compliance – Describes the City’s approach to complying with the WDR requirements.
3. Effectiveness – As measured by Key Performance Indicators (KPIs.)
4. Implementation – Demonstrates how the City will ensure the SSMP will be carried out as described.
5. Resilience – Demonstrates the resilience that is addressed in the SSMP and built-in to the City’s collection system and procedures.
6. Appendix Inclusions – List the items included in the Appendix for each SSMP Element, if any.

Abbreviations and Acronyms

BMP	Best Management Practices
CCTV	Closed Circuit Television
CIP	Capital Improvement Program
CIPP	Cured in Place Pipe
CIWQS	California Integrated Water Quality System (State Water Board Online Spill Database)
CMMS	Computerized Maintenance Management System
EPA	US Environmental Protection Agency
FOG	Fats, Oils and Grease
FSE	Food Service Establishment
GCD	Grease Control Device
GIS	Geographic Information System
I & I	Inflow and Infiltration
LRO	Legally Responsible Official
PWSM	Public Works Services Manager
RWQCB	Regional Water Quality Control Board
SCADA	Supervisory Control and Data Acquisition
SERP	Spill Emergency Response Plan
SOP	Standard Operating Procedure
SSMP	Sewer System Management Plan
Spill	Sanitary Sewer Spill
WDR	Sanitary Sewer Systems General Wastewater Discharge Requirements Order issued by the State Water Board (Order No. 2022-0103-DWQ)
SWRCB	State Water Resources Control Board
WDID	Waste Discharge ID Number (CIWQS)

Table 1 – Abbreviations and Acronyms

1. Goal and Introduction

WDR REQUIREMENTS

[Att. D-1 \(pg. D-2\)](#)

“The goal of the Sewer System Management Plan (Plan) is to provide a plan and schedule to: (1) properly manage, operate, and maintain all parts of the Enrollee’s sanitary sewer system(s), (2) reduce and prevent spills, and (3) contain and mitigate spills that do occur.

The Plan must include a narrative Introduction section that discusses the following items:”

1.1. Regulatory Context

WDR REQUIREMENTS

[Att. D-1.1 \(pg. D-2\)](#)

“The Plan Introduction section must provide a general description of the local sewer system management program and discuss Plan implementation and updates.”

COMPLIANCE

The City is committed to fully implementing the WDR¹ which includes addressing all requirements by integrating a wide range of programs specifically designed for ensuring the integrity and efficiency of the City’s sanitary sewer collection system. Moreover, the City is dedicated to maintaining its collection system in a systematic manner by implementing various work programs, with a focus on critical areas, to prevent spills, allowing for a comprehensive approach to maintenance. Work programs include CCTV inspections, pipe cleaning, manhole inspections, lift station maintenance, root control, source control, and pipe repair, just to name a few. Work programs are described in more detail in Specifications 5.19 - Operation and Maintenance” of this SSMP.

By prioritizing proactive measures and taking a comprehensive approach, the City is well-equipped with a proven track record of effectively operating its sanitary sewer collection system with the highest levels of service, complying with the WDR, and reducing/eliminating sewage spills.

EFFECTIVENESS

N/A

IMPLEMENTATION PLAN/SCHEDULE

N/A

¹ State Water Resources Control Board, Statewide Waster Discharge requirements, General Order for Sanitary Sewer Systems

1.2. SSMP Update Schedule

WDR REQUIREMENTS

[Att. D-1.2 \(pg. D-3\)](#)

“The Plan Introduction section must include a schedule for the Enrollee to update the Plan, including the schedule for conducting internal audits. The schedule must include milestones for incorporation of activities addressing prevention of sewer spills.”

COMPLIANCE

The City utilizes the State Water Board’s online lookup tool to ensure compliance with all required due dates for updating its SSMP and completing its required SSMP Audits (see chart below).

The City’s most recent SSMP audit was completed for the period August 2021 through August 2024.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Are SSMP Audits and SSMP Updates being performed as scheduled?
- Has the SSMP been approved by the governing board on the required schedule (i.e., every six years)?
- Are specific internally established sewer program milestones being monitored?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			Dir	Eng	PWSM
1.2.1	Prepare for next SSMP Audit	Begin 5/2/2027	X	X	X
1.2.2	Complete and Upload next SSMP Audit	By 11/2/2027	X	X	
1.2.3	Incorporate Audit Findings, update Change Log and Update SSMP	Begin after completion of SSMP Audit		X	
1.2.4	Prepare for next SSMP Audit	Begin 5/2/2030	X	X	X
1.2.5	Complete and Upload next SSMP Audit	By 11/2/2030	X	X	
1.2.6	Incorporate Audit Findings, update Change Log and Update SSMP	Begin after completion of SSMP Audit		X	
1.2.7	Prepare for next SSMP Update	Begin 2/2/2031	X	X	
1.2.8	Board Approval deadline for next SSMP Update*	By 8/2/2031	X	X	

NOTE: The City’s timeline must incorporate adequate review time and local board approval prior to the required deadline.

1.3. Sewer System Asset Overview

WDR REQUIREMENTS

[Att. D-1.3 \(pg. D-3\)](#)

“The Plan Introduction section must provide a description of the Enrollee-owned assets and service area, including but not limited to:

- *Location, including county(ies);*
- *Service area boundary;*
- *Population and community served;*
- *System size, including total length in miles, length of gravity mainlines, length of pressurized (force) mains, and number of pump stations and siphons;*
- *Structures diverting stormwater to the sewer system;*
- *Data management systems;*
- *Sewer system ownership and operation responsibilities between Enrollee and private entities for upper and lower sewer laterals;*
- *Estimated number or percentage of residential, commercial, and industrial service connections; and*
- *Unique service boundary conditions and challenge(s).*

Additionally, the Plan Introduction section must provide reference to the Enrollee’s up-to-date map of its sanitary sewer system, as required in section 4.1 (Updated Map of Sanitary Sewer System) of this Attachment.”

COMPLIANCE

The City of Chino is a general law city bordered by the Cities of Ontario, Pomona, Chino Hills, Eastvale, and Montclair, (see Figure 1-1 below). The City service area covers approximately 30 square miles serving a population of nearly 95,000, including approximately 23,000 individual sewer service lateral connections for residents and businesses. According to the City’s latest 2022 Sewer Master Plan Update (see Appendix 8.1), the City’s sanitary sewer collection system consists of approximately 271 miles of gravity sewer pipelines ranging from 6-inch to 21-inch in diameter, 0.5 miles of 4-inch diameter force main sewers, 5,000 sewer manholes with 23 individual diversion manholes in place, 4 gravity siphons, and three sanitary sewage lift stations. The City is expecting to acquire one additional sewage lift station currently operated by the Inland Empire Utilities Agency ([IEUA](#)) in 2029.

Sewage treatment is provided by [IEUA](#), a regional utility agency that provides sewer treatment services for several municipalities, including the City. There are three regional, IUEA-owned and operated sewer treatment plants in the City of Chino, including Regional Water Recycling Plant No. 2 (RP-2), Regional Water Recycling Plant No. 5 (RP-5), and the Carbon Canyon Water Recycling Facility (Carbon Canyon).

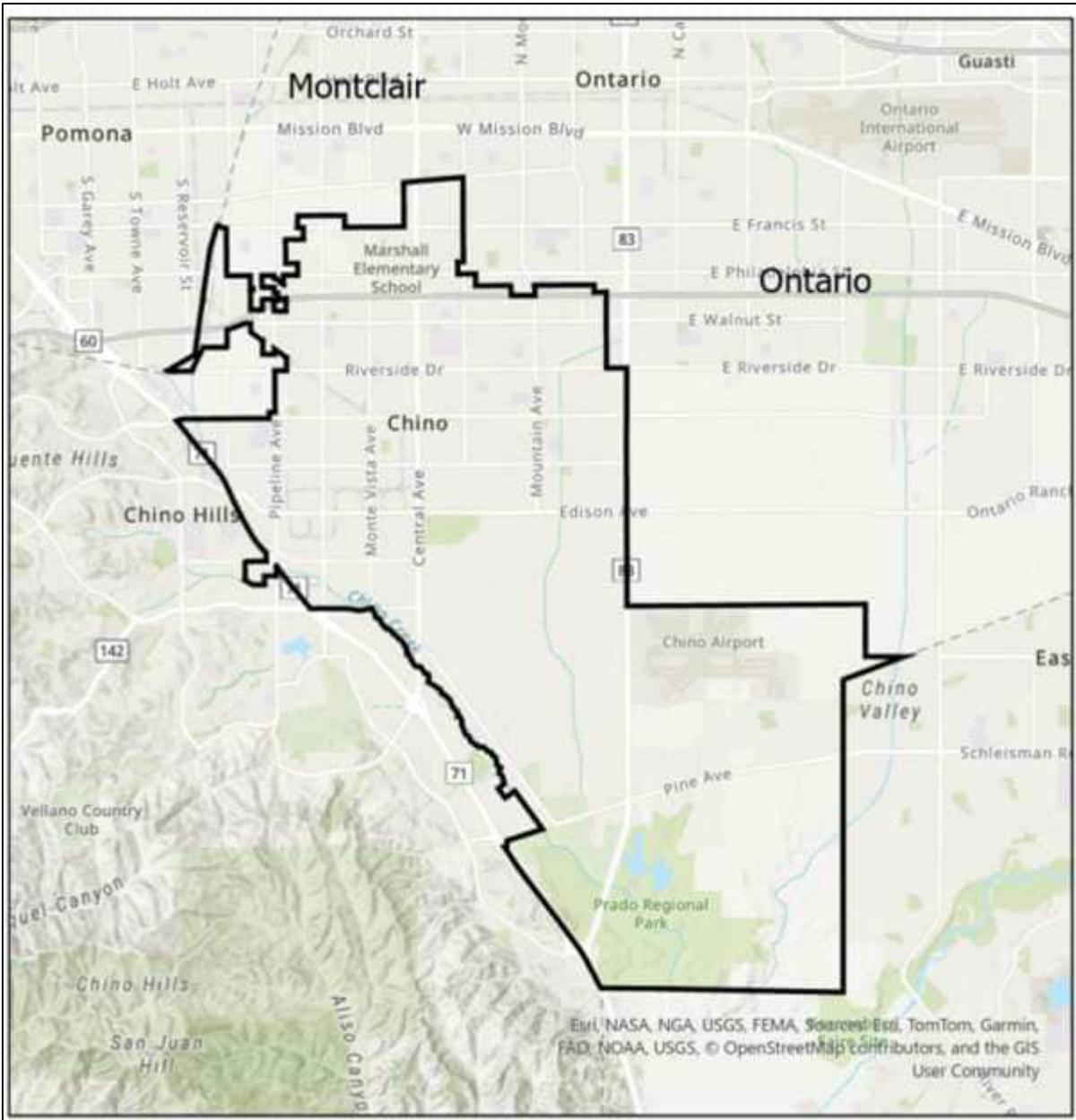


Figure 1 – City Vicinity Map and Service Area

The City currently utilizes ACCELA SERVICE REQUEST electronic computerized maintenance management software (CMMS) for managing and tracking all day-to-day service requests and completed work in the sewer system. Accela allows agencies to organize and manage requests and strengthen citizen relations. By automating service requests and providing a centralized database, Accela ensures City staff can access real-time information about the status of all service requests at any time.

In November 2023, the City established a brand-new program for addressing maintenance of lower sewer laterals to improve sewer system maintenance more proactively and systematically address issues specific to these assets utilizing ACCELA to manage work for this program. This effort includes comprehensive repairs of problem assets throughout the system.

Accela Service Request Management is a comprehensive solution which automates and manages interdepartmental or citizen requests for service, complaints, or inquiries.

Estimated customer connection flow classifications and connection data are presented in Table 1-1, below, for residential, commercial industrial, and institutional data.

Use Type	% of Flow Connections
Residential	70
Commercial	10
Industrial/Institutional	20

Table 2 – City Sewer Connection Flow Classifications and Connections Data

Overall, the City is in a good position to maintain its collection system and does not have operation and maintenance challenges due the service area.

The City maintains up to date system maps. See Element 4.1 - Updated Map of Sanitary Sewer System for more detail.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Are asset statistics periodically reviewed and updated as necessary?
- Are omissions or errors addressed in a timely manner?
- Are system maps up to date?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			Dir	Eng	PWSM
1.3.1	Review City-owned asset statistics and element description; update as necessary	At the beginning of the audit cycle and when significant changes have been made.		X	X
1.3.2	Update Maps	Within 30 Days of Corrections submitted to staff for completing updates		X	

RESILIENCE

Resilience is addressed in Element 1 by:

- Adhering to an SOP for collecting and managing asset data.
- Redundancy: More than one member of staff is trained and able to retrieve and manage the data.
- Implementing a QA/QC process to help ensure information is accurate.
- Using Calendar Reminders to ensure compliance deadlines are met.

Specifications 5.2 – SSMP Development and Implementation

WDR REQUIREMENTS

[Specification. 5.2 \(pg. 18\)](#)

“To facilitate adequate local funding and management of its sanitary sewer system(s), the Enrollee shall develop and implement an updated Sewer System Management Plan. The scale and complexity of the Sewer System Management Plan, and specific elements of the Plan, must match the size, scale, and complexity of the Enrollee’s sanitary sewer system(s). The Sewer System Management Plan must address, at minimum, the required Plan elements in Attachment D (Sewer System Management Plan – Required Elements) of this General Order. To be effective, the Sewer System Management Plan must include procedures for the management, operation, and maintenance of the sanitary sewer system(s). The procedures must: (1) incorporate the prioritization of system repairs and maintenance to proactively prevent spills, and (2) address the implementation of current standard industry practices through available equipment, technologies, and strategies.”

COMPLIANCE

This SSMP has been completed updated to meet the requirements of Order WQ 2022-0103-DWQ and address all required Elements and Specifications required by the Order. The SSMP addresses management, operations, and maintenance procedures specific to the City’s collection system. The City maintains a proactive O&M program to operate its system and identify defects, which are then prioritized for repair, replacement, rehabilitation, or placed on modified maintenance schedules. (See Elements 4 and 8 and Specifications 5.19 of this SSMP for more detail).

The City keeps up with current industry standards, technology, and best practices by reviewing industry periodicals, networking, and attending industry/vendor trainings at conferences and workshops. The City continuously evaluates emerging practices, equipment and technologies for possible implementation to enhance its sewer operations, including completing regular [California Water Environment Association \(CWEA\)](#) training events and other trainings held by [IEUA](#) with other regional area sewer system operators to help improve emergency response coordination and effectiveness.

Specifications 5.7 – Allocation of Resources

WDR REQUIREMENTS

Specification. 5.7 (pg. 22)

“The Enrollee shall comply with the following requirements:

- *Establish and maintain a means to manage all necessary revenues and expenditures related to the sanitary sewer system; and*
- *Allocate the necessary resources to its sewer system management program for:*
- *Compliance with this General Order,*
- *Full implementation of its updated Sewer System Management Plan,*
- *System operation, maintenance, and repair, and*
- *Spill responses.”*

COMPLIANCE

The City maintains various revenue sources to maintain financial stability, meet its operational needs and manage all necessary expenditures to operate its sewer system.

The City receives two types of funding for its sewer operations. The first source is a Sewer Development Impact Fee (DIF), which is assessed on all expansions of capacity needs resulting from new developments as well as all new construction. These funds are used for system expansion projects and are shown in the Capital Improvement Plans for the Sewer Collection System. The City collects Sewer DIF fees from both projects within the City and projects within the Preserve.

The second funding source is through user fees, which are charges assessed to individual users of the system for operations, maintenance, and repairs. Equivalent Dwelling Units (EDU) establishes these sewer fees. 1 EDU= 270 GPD. The permitted industries sewer fees are calculated based on their EDUs as well as a factor for the Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) measured in their sewer flows.

A list of revenue generated from Chino’s residents, businesses, and industries are included in Appendix 1.1 showing City revenue history by fund.

The City has basic staffing and equipment to properly manage the collection system and continuously evaluates its sewer system resources, and funding needs to stay proactive and prevent spills. As part of this effort, the City will complete a new assessment to review its resources and staffing before its next SSMP Audit is due in 2027.

Provisions 6.1 – Enforcement Provisions

WDR REQUIREMENTS

[Provisions 6.1 \(pg. 27\)](#)

“The following enforcement provisions are based on existing federal and state regulations, laws and policies, including the federal Clean Water Act, the state Water Code and the State Water Board Enforcement Policy.”

COMPLIANCE

The City is aware of the consequences for noncompliance including associated penalties for violations. The City maintains a proactive stance with full implementation of its SSMP.

Noncompliance with requirements of this General Order or discharging sewage without enrolling in this General Order constitutes a violation of the Water Code and a potential violation of the Clean Water Act and is grounds for an enforcement action by the State Water Board or the applicable Regional Water Board. Failure to comply with the notification, monitoring, inspection, entry, reporting, and recordkeeping requirements may subject the City to administrative civil liabilities of up to \$10,000 a day per violation pursuant to Water Code section 13385; up to \$1,000 a day per violation pursuant to Water Code section 13268; or referral to the Attorney General for judicial civil enforcement. Discharging waste not in compliance with the requirements of this General Order or the Clean Water Act may subject the City to administrative civil liabilities up to \$10,000 a day per violation and additional liability up to \$10 per gallon of discharge not cleaned up after the first 1,000 gallons of discharge; up to \$5,000 a day per violation pursuant to Water Code section 13350 or up to \$20 per gallon of waste discharged; or referral to the Attorney General for judicial civil enforcement.

Provisions 6.3 – Sewer System Management Plan Availability

WDR REQUIREMENTS

[Provisions 6.3 \(pg. 31\)](#)

“The Enrollee’s updated Sewer System Management Plan must be maintained for public inspection at the Enrollee’s offices and facilities and must be available to the public through CIWQS and/or on the Enrollee’s website, in accordance with section 3.8 (Sewer System Management Plan Reporting Requirements) of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this General Order.”

COMPLIANCE

The City has loaded this SSMP to the CIWQS database and published it on its website. In addition, the SSMP is available for public review at City offices, by appointment, during regular business hours.

APPENDIX 1 INCLUSIONS

- 1.1. City Revenue History by Fund

2. Organization

WDR REQUIREMENTS

[Att. D-2 \(pg. D-3\)](#)

“The Plan must identify organizational staffing responsible and integral for implementing the local Sewer System Management Plan through an organization chart or similar narrative documentation that includes:

- *The name of the Legally Responsible Official as required in section 5.1 (Designation of a Legally Responsible Official) of this General Order;*
- *The position titles, telephone numbers, and email addresses for management, administrative, and maintenance positions responsible for implementing specific Sewer System Management Plan Element;*
- *Organizational lines of authority; and*
- *Chain of communication for reporting spills from receipt of complaint or other information, including the person responsible for reporting spills to the State and Regional Water Boards and other agencies, as applicable. (For example, county health officer, county environmental health City, and State Office of emergency Services.)*

COMPLIANCE

The above items are addressed below.

The City’s Legally Responsible Officials (LRO) are:

- LRO 1 – Ben Orosco, Deputy Director of Public Works/Services
- LRO 2 – Keith A. Martinez, Public Works Services Manager

Both meet the requirements set forth in Specifications 5.1 of the WDR.

The City has seven employees directly involved in the operation and maintenance of the City's sanitary sewer system. Of these seven positions, there is one (1) lead Wastewater Maintenance worker, five (5) full time Wastewater Maintenance workers and one (1) part-time Wastewater Maintenance worker.

In addition, the City has other full-time employees within the Public Works Department who are directly and/or indirectly involved in management, administration, engineering, and inspection of the City's sanitary sewer system. The distribution of the City's personnel is depicted in the organization chart. These employees oversee the City's sewer collection system operation, provide engineering evaluation of proposed and existing sewer facilities, administer preventive maintenance and sewer construction programs, and oversee the maintenance of the sewer collection system facilities and related records and plans.

To help supplement resources, the City also has an established mutual aid agreement with the cities of Chino Hills, Ontario, Montclair, Upland, Fontana, Jurupa Community Services District (JCSD), the Cucamonga Valley Water District, and IEUA. This includes resources for supporting the City with emergency assistance in the event of a major sanitary sewer spill.

Additional descriptions of key City divisions and sections include the following:

Public Works Services Division

The Public Works Services Division is responsible for the general management and regulatory oversight of the City's sewer system and operations. The Director of Public Works ensures that the sanitary sewer system is adequate, properly designed and maintained, and the all-regulatory requirements set forth at both the Federal and State levels are adhered to on a daily basis. The Director also ensures that adequate resources are assigned to the various divisions, including oversight of the Capital Improvement Plans, new development standards for sewer installations, and that appropriate staffing and outside resources are provided to maintain the system in a good state of repair and readiness.

Water & Environmental Division

The Engineering Manager reports to the Deputy Director of Public Works/Services and is responsible for the oversight of Water Resources and Environmental Division. This Division consists of four sections including Resource Conservation, Environmental, Water, and Engineering.

Environmental Section

The Environmental Section has day-to-day responsibility for the investigation of reports of illicit discharges or overflows, failure to comply with the City's requirements as specified in the City's ordinances, oversight of the City's Fats, Oils and Greases program, and coordination with other agencies to conduct joint inspections and other activities. Enforcement activities are coordinated with the City's Code Enforcement and City Attorney, as necessary. This division includes the City's NPDES program and enforces the City's stormwater and MS4 Permit requirements as related to Illicit Connections and Illicit Discharges, as well as Septic Systems. The Environmental Section is also responsible for the enforcement of the regulations pertaining to waste disposal, point source control inspection of industrial and commercial waste and grease generating facilities, and investigation of cases of illicit discharge of chemicals, debris, etc. into the public sewer system. This is undertaken in concert with the IEUA Environmental Programs Industrial Waste Unit. The Environmental Division is responsible for the City's industrial waste and FOG programs which include permitting and inspecting in concert with the Code Enforcement Division enforcement of illicit discharges into the public sewer system.

Engineering Section

The Engineering Section is responsible for preparing plans and specifications for sewer construction and rehabilitation projects and administrating contracts for accomplishing such projects as well as emergency sewer repair projects. This Section is also responsible for subdivision or development project plan checks to ensure compliance with the City's standards for construction of new sewer collection systems as well as planning checks on sewer capacity studies to size proposed sewer lines and set requirements to ensure adequate capacity in existing systems. Lastly, the Section prepares easement documents or identifies and procures access rights for public sewer facilities located within private properties.

Table 3 (below) provides list of the City staff's positions that are responsible for the various elements of the SSMP.

IMPLEMENTATION RESPONSIBILITIES

Sewer System Management Plan Elements	Responsible Position
1. SSMP Plan, Goal and Introduction	PWSM
1.1. Regulatory Context	PWSM
1.2. SSMP Update Schedule	PWSM
1.3. Sewer System Asset Overview	PWSM
2. Organization	PWSM
3. Legal Authority	Deputy Director PW Services/PWSM
4. Operations and Maintenance Program	PWSM
4.1. Updated maps of Sanitary Sewer System	I.T.
4.2. Preventive Operation & Maintenance	PWSM
4.3. Training	PWSM
4.4. Equipment Inventory	PWSM
5. Design/Performance	Director of PW/Deputy Director PW Engineering
5.1. Updated Design Criteria & Construction Standards	Director of PW/Deputy Director PW Engineering
5.2. Procedures and Standards	Director of PW/Deputy Director PW Engineering
6. Spill Emergency Response Plan	PWSM
7. Sewer Pipe Blockage Program	PWSM
8. System Eval, Capacity Assurance, Capital Imp.	CIP Manager/Deputy Director PW Engineering
8.1. System Evaluation and Condition Assessment	CIP Manager/Deputy Director PW Engineering
8.2. Capacity Assessment and Design Criteria	CIP Manager/Deputy Director PW Engineering
8.3. Prioritization of Corrective Action	CIP Manager/Deputy Director PW Engineering
8.4. Capital Improvement Plan	CIP Manager/Deputy Director PW Engineering
9. Monitoring, Measurement & Program Modifications	PWSM
10. Internal Audits	PW Department
11. Communication Program	Communications Manager

Table 3 – SSMP Implementation Responsibilities

RESPONSIBLE POSITION CONTACT INFORMATION

Responsible Person	Position	Phone	Email
Hye Jin Lee	Director of Public Works	909-334-3535	hilee@cityofchino.org
Albert Espinoza	Deputy Director PW Engineering	909-334-3428	aespinoza@cityofchino.org
Ben Orosco	Deputy Director PW Services	909-334-3445	boroso@cityofchino.org
Keith A. Martinez	Public Works Services Manager	909-334-3421	kmartinez@cityofchino.org
Arianna Fajardo	Communications Manager	909-334-3303	afajardo@cityofchino.org

Table 4 – Responsible Position Contact Information

2.1. Organizational Chart

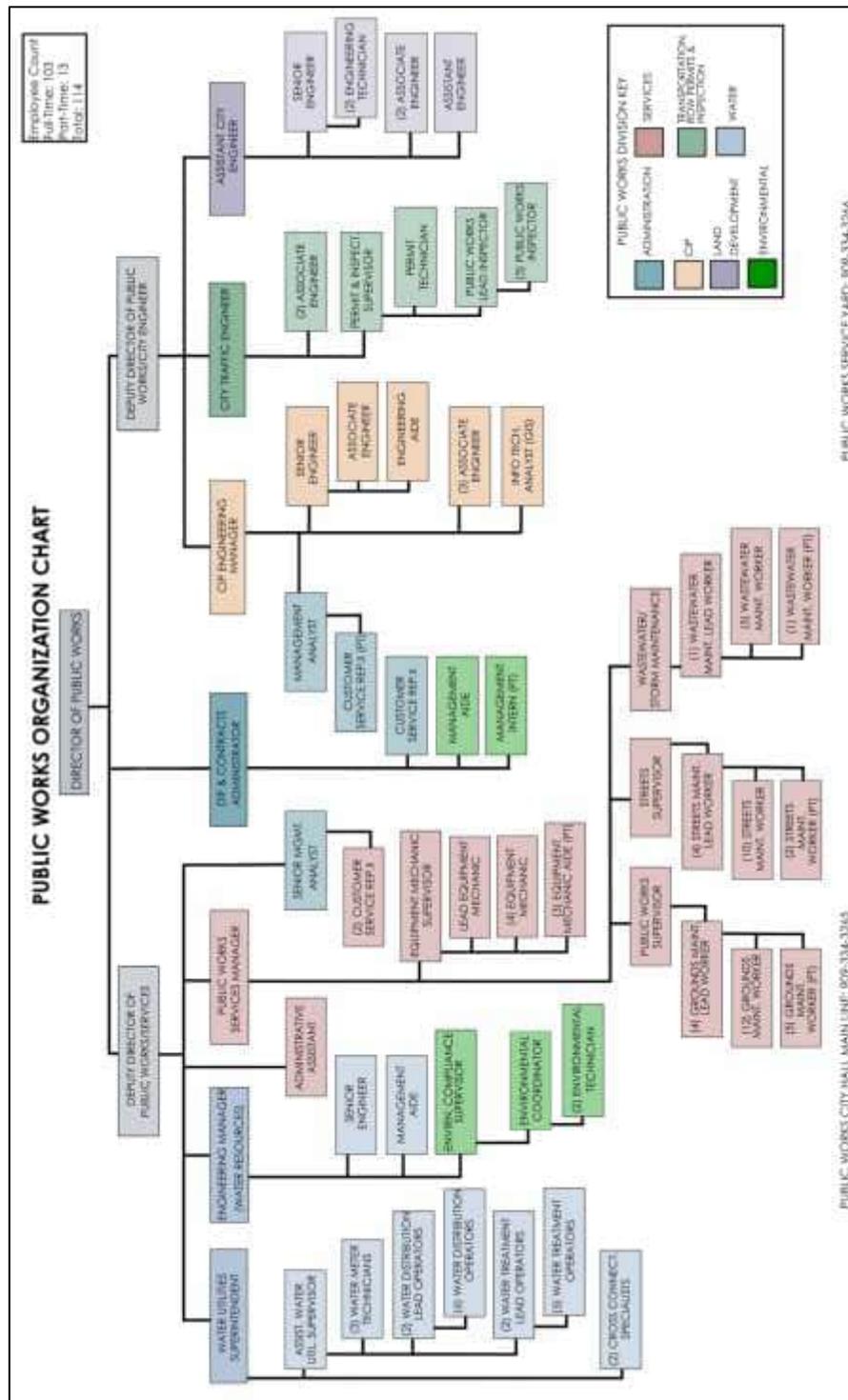


Figure 2 – City Public Works Services Division Organizational Chart

2.2. Organizational Staffing Responsibilities

Director of Public Works

Under administrative direction, develops and administrates programs designed to address primary areas of City service including the Sewer Collection Program.

Deputy Director of Public Works/Services

Under limited direction, develops and administrates programs designed to address primary areas of City service including the Sewer Collection Program.

Deputy Director of Public Works/Engineering

Under limited direction, oversees land development, special projects, and Public Works projects.

Public Works CIP Manager

Under limited supervision, plans, directs, and coordinates engineering activities relating to City public works engineering projects and the Capital Improvement Program and performs related work as assigned.

Associate Civil Engineer

Under limited supervision, performs field and office engineering work involved in the planning, design, construction, operation, and maintenance of public works facilities and does related work as assigned.

Environmental Compliance Supervisor

Under general supervision, will plan, coordinate, and oversee a comprehensive Environmental Compliance Program, ensuring adherence to regulations related to wastewater, storm water, air, quality, and hazardous substances.

Environmental Coordinator

Under limited direction, the Environmental Coordinator is responsible for planning and implementing a variety of programs relating to industrial user wastewater pretreatment and discharge to the sanitary sewer, storm water management, and other areas.

Environmental Technician

Under general supervision, performs a variety of field and office work related to the implementation of the City's Environmental Engineering Programs (e.g., Storm water and Pretreatment and other areas.

Public Works Services Manager

Under limited direction, plans, organizes, and directs the City's maintenance services which include repair and maintenance of sewers, streets, park maintenance, fleet maintenance, and other areas.

Collections and Maintenance Lead Worker

Under general supervision, performs skilled manual labor and oversees a crew in the maintenance and repair of wastewater lines such as sewer mains and lower sewer laterals while also maintaining and inspecting catch basins and storm drains.

Collections and Maintenance Worker

Under general supervision, performs skilled manual labor in the maintenance and repair of wastewater lines such as sewer mains and lower sewer laterals while also maintaining and inspecting catch basins and storm drains.

2.3. Chain of Communication for Reporting Spills

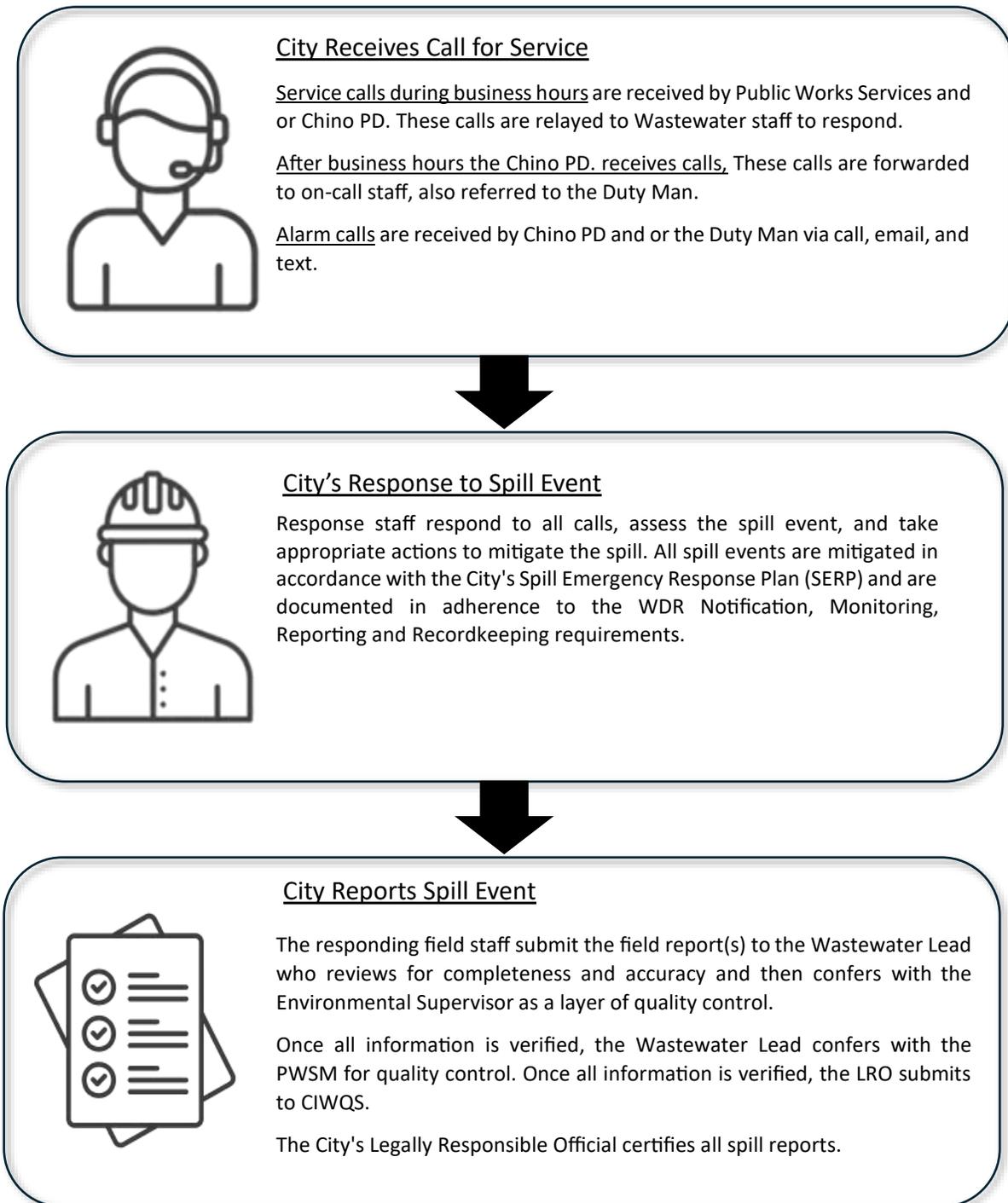


Figure 3 – Chain of Communication for Reporting Spills

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Have there been any changes requiring updates to the Organizational Chart?
- Have there been instances when a service call for a spill was not properly routed to response personnel?
- Were all spill response activities documented and forwarded to the LRO?
- Have there been any changes in assigned responsibilities for implementing the SSMP?
- Is there a process in place to ensure all contact information remains up to date?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			Dir	Eng	PWSM
2.1	Review names, contact information and position responsibilities. Update, as necessary.	Semi-Annually			X
2.2	Review Chain of Communication outcomes for all spill responses	Each Spill Event			X
2.3	Review Organizational Chart for any changes. Update, as necessary.	Semi-Annually			X

RESILIENCE

Resilience is addressed in Element 2 by:

- Ensuring that more than one person is capable and responsible for specific duties for SSMP implementation, e.g., back-up personnel.
- Designation of more than one LRO to help ensure full and continuous coverage of duties.
- Testing the phone notification system to ensure calls are received and routed to appropriate personnel.

APPENDIX 2 INCLUSIONS

- None

3. Legal Authority

WDR REQUIREMENTS

[Att. D-3 \(pg. D-4\)](#)

“The Plan must include copies or an electronic link to the Enrollee’s current sewer system use ordinances, service agreements and/or other legally binding procedures to demonstrate the Enrollee possesses the necessary legal authority to:

- *Prevent illicit discharges into its sanitary sewer system from inflow and infiltration (I&I); unauthorized stormwater; chemical dumping; unauthorized debris; roots; fats, oils, and grease; and trash, including rags and other debris that may cause blockages;*
- *Collaborate with storm sewer agencies to coordinate emergency spill responses, ensure access to storm sewer systems during spill events, and prevent unintentional cross connections of sanitary sewer infrastructure to storm sewer infrastructure;*
- *Require that sewer system components and connections be properly designed and constructed;*
- *Ensure access for maintenance, inspection, and/or repairs for portions of the service lateral owned and/or operated by the Enrollee;*
- *Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures; and*
- *Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.*

COMPLIANCE

The above items are addressed below:

The City’s legal authority to own and operate a sanitary sewer system is derived from its incorporation as a City in the year 1910. Pursuant to Government Code Sections 50022.1-50022.8 and 50022.10, the City of [Chino Municipal Code Chapters 13.12 and 13.20](#) provides the City with legal authority to regulate the flow of wastewater into its sewerage system. The Municipal Code meets the minimum legal requirements of the State Water Resources Control Board. The current Municipal Code Sections were principally adopted through Ordinance 90-28 in 1990; additional amendments were adopted in 1993 and 1996. While the current ordinance remains adequate to meet the minimum legal requirements, it is anticipated that Municipal Code will be updated within the next 2-3 years to reflect more current terminology and references as well as to ensure that the Code reflects actual practices and enforcement activities within the City.

[Chapter 13.20](#) sets forth uniform requirements for anyone who discharges wastewater into the sewage system of the city and also sets forth procedures for complying with requirements placed upon the City by other regulatory agencies. This chapter shall be known as the "sewer use ordinance" and will be interpreted with the definitions set forth in [Section 13.20.020](#). The sewer use ordinance develops procedures to establish quantity and quality limitations on all wastewater discharges that may adversely affect the city's public sewerage system, and/or cause the city to violate its current sewage contract agreement with Chino Basin Municipal Water District currently known as IEUA (Inland Empire Utilities Agency).

The sewer use ordinance also provides for wastewater pretreatment requirements, the issuance of industrial user discharge permits, control of surface discharges of wastewater, and the establishment of penalties for violation of any provision of this chapter.

- a. Authority to prevent illicit discharges into the City's sanitary sewer collection system is provided by Ordinance/Code.

In accordance with the Wastewater Discharge Regulation (Sewer Use Ordinance), the City has developed procedures to establish quantity and quality limitations on all wastewater discharges, which may adversely affect the City's public sewerage system and/or cause the city to violate its sewage contract agreement with IEUA. This chapter also provides for wastewater pretreatment requirements, the issuance of industrial user discharge permits, control of surface discharges of wastewater, and the establishment of penalties for violation of any provision of this chapter.

[Title 13 Sections 13.20.110 "Prohibited Conditions In The Public Sewerage System"](#), and

[13.20.115 "Prohibited Discharges To The Public Sewerage System"](#) prohibit the unauthorized discharge of rain, surface or subsurface water, chemicals, debris, or any hazardous substance or waste, as currently defined by the EPA or Title 22, of the California Administrative Code. Other sections of the code that prohibit various forms of illicit discharges are [13.20.130 "Limitation On Point Of Discharge,"](#) and [13.20.140 "Dilution Prohibition."](#)

All industrial users and other users discharging industrial wastewater to the city's public sewerage system, directly or indirectly are evaluated based on the volume, type of industry, characteristics of the wastewater proposed to be discharged and the risk that it proposes to both the collection system and IEUA facilities in order to determine whether a Permit is required. Industrial user discharge permits shall be subject to all provisions of Section 13.20, other applicable regulations, charges for use, and fees established by the city. Conditions of industrial user discharge permits shall be uniformly enforced by the city in accordance with Section 13.20 and applicable federal and/or state regulations.

In Lieu of the Regional Pretreatment Agreement, the City's sewage treatment services are currently provided based on the Authority of IEUA's ordinance #114.

In addition, the Santa Ana Regional Water Quality Control Board has provided IEUA with the authority to regulate discharges into the City's sewerage system from industrial users. The City of Chino, under the terms of the Regional Pretreatment Agreement, granted IEUA the authority to regulate industrial users within the City. SIU permits are issued through IEUA. Non-SIU permits are issued by the City only. This authority is set forth in the Municipal Code under Chino Basin Municipal Water District.

The City's pre-planned collaboration and coordination with storm drain agencies.

The City owns and operates the storm drain system within the City Limits. Both the sewer and storm drain facilities are within the Streets and Sewer Division. Should sewage discharge to a storm drain facility, City staff has full authority mitigate the impact of the spill.

- b. Require that sewer system components and connections be properly designed and constructed.

[Chapter 13.12, "Sewers—Connections and Extensions,"](#) sets forth the requirements for all new construction within the City and shall be connected to the City's sewer system. Chapter 13.12 will set forth the requirements for the location of sewer lines, the standards for construction, and the requirements for inspections.

[Section 13.12.060](#), “Sewer mains and sewer laterals—Construction, Inspection and Acceptance,” requires that the City provide the engineering, let bids and be responsible for the construction, inspection, and acceptance of sewer lines in existing streets. However, if the sewers are to be constructed by the developer, the developer shall be responsible for the engineering and construction. In all cases, the city shall inspect and accept the sewer lines and shall decide the size and type of construction.

While the City is responsible for sewer lines established in the public right-of-way, [Section 13.12.150](#) “Maintenance—Upper Sewer Laterals” establishes that the owner of each parcel of land that is served by a sewer lateral shall be responsible for the cleaning, repair, maintenance, and replacement of that sewer lateral.

In order to assist in the design, construction, and inspection of the sewer system, the City utilizes the current version of Standard Specifications for Public Works Construction (The Green Book), City Engineering Standards as prepared by the City and adopted in July 2025, and the most recently adopted version of the California Uniform Plumbing Code. Both the Public Works Department and the Development Services Department have responsibility and authority to review the plans and specifications submitted to the City as related to the installation of sewer

- c. Ensure access for maintenance, inspection, and/or repairs for portions of the service lateral owned and/or operated by the Enrollee.

City Municipal Code (CMC), [Title 13, Section 13.20.200](#), as adopted by the City, gives the authorized representative of the Director of Public Works the legal right to unrestricted access to the sewer infrastructure located in private property. In accordance with the CMC, no person shall interfere with, delay, resist, or refuse entrance to an authorized and identified City representative attempting to inspect any facility involved directly or indirectly with a discharge of wastewater to the City’s sewerage system. The Director of Public Works shall have the right to set up on the user’s property such devices as are necessary to conduct sampling, inspection, compliance monitoring, and/or metering operations.

- d. Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures.

The [City Municipal Code, Section 13.20.400](#) outlines the City’s enforcement mechanisms. This section includes the following enforcement actions as appropriate:

- Verbal Warning - A verbal warning will be given for violations such as housekeeping practices, late reports, etc. Verbal warnings do not apply to violations of any discharge limit or prohibition. The verbal warning will be documented with a written follow-up letter.
- Written Warning - For failure to comply with a verbal warning, a written warning with a compliance date will be issued. Written warnings do not apply to violations of any discharge limit or prohibitions.
- Notice of Noncompliance - A notice of non-compliance shall be issued whenever an industrial user discharge permit violation that does not imminently endanger human health or welfare occurs. The notice of non-compliance shall be served in person by a city representative or by certified or registered mail, return receipt requested, and shall require a response within no more than ten working days. If the permittee claims immediate correction of the violation(s) this shall be verified at the permittee's expense. However, if the permittee suggests a time schedule to correct the permit violations, and if in the opinion of the Director of Public Works,

a time schedule is required to obtain compliance, an administrative order shall be issued. The determination of noncompliance, for the same violation, shall be made during a consecutive six-month period of time. Such an order may include the appropriate violation assessments:

- o The first notice of noncompliance shall have at a minimum a one-hundred-dollar penalty assessment.
 - o The second notice of noncompliance for the same violation(s) shall have at a minimum a two hundred-fifty-dollar penalty assessment.
 - o The third notice of noncompliance for the same violation(s) shall have at a minimum a five-hundred-dollar penalty assessment.
- Administrative Orders - The Director of Public Works may require compliance with this chapter, permit conditions, or limitations by issuing administrative orders enforceable in a court of law, or by seeking a direct action. The following lists the types of administrative orders that shall be utilized by the city:
 - Cease and Desist Order - Upon finding that a discharge has taken place in violation of prohibitions or limitations of this chapter or the provision of the industrial user discharge permit, the Director of Public Works may issue a cease-and-desist order and direct those persons in violation to comply immediately or comply in accordance with a time schedule. All cease-and-desist orders shall have at a minimum a one-thousand-dollar penalty assessment.
 - Consent Order - Upon finding that an industrial user will need to install pretreatment equipment in order to come into compliance, the director of public works may require that a compliance time schedule, agreed upon in advance by the industrial user and the city staff, be contained in a consent order. All consent orders shall have at a minimum a five-hundred-dollar penalty assessment.
 - Show Cause Order - This order requires an industrial user to appear at City Hall at a certain date and time to show cause to the City as to why criminal and/or civil actions should not be taken against this industrial user. All show-cause orders shall have at a minimum a seven hundred fifty-dollar penalty assessment.
 - Compliance Order. This order will direct an industrial user to achieve or restore compliance by a specific date. The terms of the order need not be discussed with the industrial user in advance. All compliance orders shall have at a minimum a one- thousand-dollar penalty assessment.

In addition, the City reserves the right through [Section 13.20.410](#) "Termination of services" that any industrial user discharge permit may be revoked, and any sewerage service to any industrial user may be suspended by the Director of Public Works, if the industrial user is in violation of any provision of this chapter or of applicable state and federal regulations. In the event the user fails to comply voluntarily with the administrative order, the City shall take such steps as deemed necessary, including but not limited to the immediate severance of the sewer connection, revocation of the industrial user discharge permit, and/or termination of water service, to prevent or minimize damage to the city's sewerage system, POTW and/or endangerment to any individual.

- e. Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.

[Seč.13.02.130](#) establishes requirements for construction improvements withing a right-of-way or City easement. [Section 12.30.090](#) also establishes standards for operations and maintenance.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Are the City ordinances and standards adequate for fulfilling the SSMP legal requirements?
- Does the City have a process in place for periodic review and evaluation of ordinances?
- Have there been instances when the code or ordinance did not address a need or circumstance?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			Dir	Eng	PWSM
3.1	Review Ordinance(s) to confirm all documents provide necessary required legal authority.	Once per 6-year SSMP Update Cycle	X	X	
3.2	Confer with storm drain owners to ensure current practices and contact information are up to date.	Annually		X	
3.3	Monitor and document occasions when Ordinance(s) failed to address issues as intended.	Continuously	X	X	X

RESILIENCE

Resilience is addressed in Element 3 by:

- Keeping abreast of industry trends and local ordinances that may affect operations.

APPENDIX 3 INCLUSIONS

- None

4. Operation and Maintenance Program

WDR REQUIREMENTS

[Att. D-4 \(pg. D-4\)](#)

“The Plan must include the items listed below that are appropriate and applicable to the Enrollee’s system.”

4.1. Updated Map of Sewer System

WDR REQUIREMENTS

[Att. D-4.1 \(pg. D-4\)](#)

“An up-to-date map(s) of the sanitary sewer system, and procedures for maintaining and providing State and Regional Water Board staff access to the map(s). The map(s) must show gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities within the sewer system service area boundaries.”

COMPLIANCE

The above items are addressed below:

The City maintains an ARC-GIS-based mapping system in ArcGIS geodatabase format. This mapping system provides up-to-date mapping information of the sanitary sewer system showing all gravity line segments, manholes, pumping facilities, lift stations, pressure pipes, valves, casings, laterals, and stormwater conveyance facilities. The system has the functionality to access all information related to any sewer asset and can be used to print maps, as necessary.

Historic sewer facility maps, including engineering and construction drawings (blueprints) are stored electronically on a central computer system. All paper originals are stored in a fireproof archive vault.

System maps include gravity mains, force mains, manholes, pump stations, property boundaries and addresses, creek locations, and storm drain mapping, and pipe asset information. Field operators utilize paper map books for routine operations and maintenance activities.

The City has a procedure for updating any map errors, omissions, or implementing necessary changes on a continuous basis. Field operators have the option for marking-up paper maps with recommended changes which reviewed by the collection system Supervisor. Any necessary changes are updated online and sent to the City’s GIS department for updating.

All "accepted" areas have plans and permits that have been finalized. These are then turned over to I.T. for adding these locations and information to the GIS however there is a current backlog for implementation.

The City can make its current sewer maps available to Water Board staff upon request.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Were all map updates completed in a timely manner?
- Are all staff trained in the procedure for providing map update information?
- Are newly installed sewer assets incorporated into the system maps?
- Are there terrain features or assets that should be incorporated in future map updates (e.g. exposed pipe, siphons, ARVs, surface water, etc.)

IMPLEMENTATION PLAN/SCHEDULE

No	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
4.1.1	Review map update procedures with all affected staff.	Annually		X	X
4.1.2	Review/ensure all newly installed facilities have been updated and included in the system maps	Annually		X	X

4.2. Preventive Operation and Maintenance Activities

WDR REQUIREMENTS

[Att. D-4.2 \(pgs. D-4/D-5\)](#)

“A scheduling system and a data collection system for preventive operation and maintenance activities conducted by staff and contractors. The scheduling system must include:

- *Inspection and maintenance activities;*
- *Higher-frequency inspections and maintenance of known problem areas, including areas with tree root problems;*
- *Regular visual and closed-circuit television (CCTV) inspections of manholes and sewer pipes.*

The data collection system must document data from system inspection and maintenance activities, including system areas/components prone to root-intrusion potentially resulting in system backup and/or failure.”

COMPLIANCE

The purpose of a work order system is to program and track all required inspection and maintenance activities within the collection system to help proactively prevent blockages/operational problems or spills.

The City utilizes ACCELA Work Order software data combined with technical input from its collection system Supervisor to develop work plans and help make informed decisions regarding its assets and infrastructure. Field operators log daily field inspections and work activities in ACCELA which are used to formulate work plans and document routine activities such as CCTV inspections, pipe cleaning and pump station maintenance to help prevent spills.

Internal work orders are generated and tracked by the City of Chino Public Works, Services Division. Field crew activities are recorded on various forms that include service requests, cleaning reports, sewer maintenance daily reports, logs, and overflow report forms, etc. and are stored in the City’s file cabinets. The reports are made available to department staff.

Data compiled in ACCELA is continuously reviewed by the collection system Supervisor to plan and schedule higher-frequency inspection and maintenance activities such as Hot Spot cleaning and selective root control work. ACCELA is also used to document emergency repairs and other reactive activities.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Are the City’s maintenance, operations, and work orders periodically audited for accuracy and completeness?
- Does the City monitor “open,” “overdue,” or “not yet completed” work orders to ensure completion of tasks?
- Are inspection and maintenance activities reducing the number and volume of spills?
- Is maintenance work being completed as scheduled?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			Dir	Eng	Sup
4.2.1	Monitor "Past Due" work orders to ensure critical work is being completed	Quarterly		X	X
4.2.2	Review scheduled Preventative Maintenance to ensure the prescribed schedule remains appropriate.	Annually		X	X

4.3. Training

WDR REQUIREMENTS

[Att. D-4.3 \(pg. D-5\)](#)

“In-house and external training provided on a regular basis for sanitary sewer system operations and maintenance staff and contractors. The training must cover:

- *The requirements of this General Order;*
- *The Enrollee’s Spill Emergency Response Plan procedures and practice drills;*
- *Skilled estimation of spill volume for field operators; and*
- *Electronic CIWQS reporting procedures for staff submitting data.”*

COMPLIANCE

The City’s training program covers numerous areas involving or associated with wastewater collection systems and serves to develop and maintain highly qualified, knowledgeable, and capable staff. This training is provided through a variety of modes (self-study, seminars, conferences, on-the-job, etc.) and begins from the first day on the job and continues regularly thereafter.

The City budgets for training of City personnel in each budget year. Public Works service staff receive regular training to enhance their job knowledge, skills, and abilities. These trainings include:

- Spill Emergency Response
- Sewer Cleaning
- Forklift Operation
- HAZWOPER Training
- Lockout/Tagout Procedures
- Confined Space Entry and Rescue
- General Safety
- Traffic Control
- Pipe Repair
- Public Relations
- Pump Station Operations and Maintenance
- CCTV
- Trench shoring
- BMP
- Other training subject matter as required.

Staff involved in responding to customer service calls, including sewage spills, receive training on the City’s Spill Emergency Response Plan. This training is part classroom and part hands-on exercises and drills for responding to spill events and includes containment, restoring flow, spill volume, volume recovered, spill start time estimations, clean up and completing the spill event data collection forms.

The City has developed spill response procedures for Contract Service personnel who perform work for the City. The Contract Service personnel are required to:

- Immediately notify the City of any sewage spill they encounter.
- Make attempts to contain the spill.
- Cordon off the area to keep the public safe; and
- Remain onsite until City staff arrives and relieves them.

This language is included in service agreements and discussed during pre-job meetings.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Has all training been completed as scheduled?
- Have records of training and attendance been documented and maintained?
- Have all staff demonstrated ability and knowledge after each training event?
- Have contractors received, at a minimum, direction for reporting and responding to spills?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			Dir	Eng	Sup
4.3.1	Review training documentation to ensure all staff have received required training	Quarterly			X
4.3.2	Review agreements with contractors and/or pre-job meeting minutes to ensure contract personnel have received instruction for responding to sewage spills	Each Contract			X

4.4. Equipment Inventory

WDR REQUIREMENTS

[Att. D-4.4 \(pg. D-5\)](#)

“An inventory of sewer system equipment, including the identification of critical replacement and spare parts.”

COMPLIANCE

The City maintains a host of equipment for both routine maintenance and for contingency or emergency operations. The Critical Spare Parts Inventory list is in table 5 below.

Wastewater Collections Inventory		
Description	Quantity	Location
Verisight ½ " push camera	1	Sewer Shed
Mortar cement bags	5	Sewer Shed
Cement charola	1	Sewer Shed
EZ up	1	Sewer Shed
Square shovel	8	Sewer Shed
Push Broom	3	Sewer Shed
Wheel counter	1	Sewer Shed
Breaking bar	1	Sewer Shed
Manhole fence barricade	1	Sewer Shed
Water jug for pumps	1	Sewer Shed
Clay pipe cutters	1	Sewer Shed
Bolt cutters	1	Sewer Shed
Sewer line marking tape	1	Sewer Shed
Flex couplers	8	Sewer Shed
6" MAX adaptor	3	Sewer Shed
Sewer concrete clean out	1	Sewer Shed
8"-10" MAX adjustable adaptor	7	Sewer Shed
6" Clay to Clay coupler	2	Sewer Shed
6" Plastic to Plastic coupler	1	Sewer Shed
8" Rubber Coupler	1	Sewer Shed

Wastewater Collections Inventory		
Description	Quantity	Location
8" Clay to Plastic coupler	1	Sewer Shed
6" Clay to Plastic coupler	1	Sewer Shed
8" Cast Iron to Plastic coupler	1	Sewer Shed
10" Cast Iron to Plastic coupler	1	Sewer Shed
4" MAX Adapter	11	Sewer Shed
4" Clay to Plastic coupler	8	Sewer Shed
4" ABS 45 degrees	4	Sewer Shed
Tripod (Confine Space)	1	Sewer Shed
Confine space blower	1	Sewer Shed
Confine space harness	2	Sewer Shed
Mikasa MTX-60 (Wacker)	1	Equipment Shed
Husqvarna K979(Concrete saw)	1	Equipment Shed
MK3000 (walk behind saw)	1	Equipment Shed
American 131 (powder puff)	1	Equipment Shed
30" Asphalt blade	1	Equipment Shed
Unit 684 Chevy Silverado 1500	1	Service Yard
Unit 629 Chevy Silverado 2500HD	1	Service Yard
Unit 660 Case Backhoe	1	Service Yard
Unit 716 Chevy Silverado 1500	1	Service Yard
Unit 648 Vactor 2100	1	Service Yard
Unit 679 Vac-con	1	Service Yard
Unit 6026T CPS generator trailer	1	Service Yard
Green dye bottle	2	Sewer Shed
Unit By pass pump trailer	1	Service Yard
Back up generator	1	Service Yard
Ladder	4'	Sewer Shed
Ladder	23'	Sewer Shed
Ladder	23'	Sewer Shed

Wastewater Collections Inventory		
Description	Quantity	Location
4" SDR	20'	Sewer Shed
6" SDR	7'	Sewer Shed
6" SDR	10'	Sewer Shed
4" ABS	10'	Sewer Shed
4" SDR	8'	Sewer Shed
8" SDR	16'	Sewer Shed
10" Clay	6'	Sewer Shed

Table 5 – Critical Spare Parts Inventory

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Have inventory lists been audited as scheduled?
- Have any inventory deficiencies or omissions been discovered and rectified?
- Has the City experienced any equipment failure that inhibited a spill response?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
4.4.1	Audit inventory lists to ensure stock is adequate	Annually			X
4.4.2	Check with vendors to ensure lead times for critical parts are as expected.	Annually			X
4.2.3	Ensure contracts with emergency support services are current	Annually			X

RESILIENCE

Resilience is addressed in Element 4 by:

- Developing an SOP for updating maps when errors are discovered.
- Developing and using forms (paper or electronic) for data collection to help ensure all pertinent information is consistently collected.
- Periodically evaluating inspection cycle intervals to help ensure they are optimized.
- Requiring staff to demonstrate ability and/or knowledge for all training activities.
- Monitoring equipment and critical spare parts usage for and trends.
- Performing periodic audits of the vehicle and equipment inventory List.

APPENDIX 4 INCLUSIONS

- None

Specifications 5.19 – Operations and Maintenance

WDR REQUIREMENTS

[Specification. 5.19 \(pg. 27\)](#)

“To prevent discharges to the environment, the Enrollee shall maintain in good working order, and operate as designed, any facility or treatment and control system designed to contain sewage and convey it to a treatment plant.”

COMPLIANCE

The above items are addressed below:

Gravity Main Cleaning

Sewer Line Cleaning is accomplished through the implementation of a work-order based system. Work is planned in advance. Service Requests are issued to staff to follow-up on any concerns such as odors, blockages, overflows, pests, broken or missing manhole lids, etc.

The City owns and operates two combination trucks which are used to clean sewer mainlines with a goal of cleaning the entire collection system every 6 years.

Work orders are issued for all maintenance management activities, inspections, customer service calls, and spill responses. This includes issuing work orders for scheduled and unscheduled inspections, cleaning, and other maintenance activities. Work orders provide staff with a daily schedule and cleaning route. After a section has been cleaned, Public Work service staff complete a cleaning record which includes the following information:

- Date and time of cleaning.
- Method of cleaning
- Names of collections workers
- Location of the cleaning
- Location and cause of any blockage if found.
- Recommendation(s) of required further actions.

Upon completion of the day’s activities all cleaning information and work orders are returned to the Public Works Services Office for entry by the collection system Supervisor into a database.

Manhole Inspections

The manhole interior and exterior surfaces are inspected on an as- needed basis for any structural defects, sewage flow condition, presence of vermin or rodents, deleterious industrial waste, odors, and any signs of unusual settlement around the manholes and along sewer alignments.

Vermin and Rodent Control

Sewers infested by insects are chemically treated. Those infested by rodents are baited.

Sewage Pump Stations

The City owns three pump stations however operates two pump stations at the present time and each are inspected weekly. These pump stations are equipped with alarm systems and are inspected regularly. They also have backup bypass pumps and mobile generators in case of emergency shutdown. All pump stations include emergency signage installed to allow the public to contact the City for any sewer emergencies for these facilities.

Gravity Mainline Inspections

To ensure that these problems are properly mitigated, city staff complete some CCTV inspections and also work closely with outside contractors performing video inspection work on the City's sewer lines to document gravity mainline pipes and problems. The return interval for inspecting the entire sewer system is currently approximately every 6 years and is currently projected to decrease this frequency due to the addition of a new CCTV van in the City's fleet expected to be online in summer of 2025.

Easement Maintenance

The City initiated an easement maintenance program starting in early 2025 which includes maintaining roads and difficult to access locations in the collection system.

Pipe Repairs/Rehabilitation

The City's Rehabilitation and Replacement Plan is comprised of several processes including regular sewer line inspections and CCTV inspections. Public Works services staff and contractors perform sewer line inspection and CCTV inspections and report the conditions of sewer pipes. When a deficiency is identified, a work request is sent to Engineering staff to determine an appropriate remedy. If the problem is designated as an emergency, the necessary resources and personnel are assigned in a timely manner. If it is not an emergency, the pipeline repair/replacement is prioritized, scheduled, and placed within the CIP in conjunction with other sewer projects. Funding for rehabilitation and replacement projects is another integral part of the Rehabilitation and Replacement Plan. Budget amounts change from year to year based on the expected projects for each year; the Capital Improvement Program (CIP) budget contains funds for miscellaneous sewer repairs.

Lateral Program

In November of 2023, the City amended section 13.12.150 of the municipal code to reflect the City's new responsibility of the lower sewer lateral located in the public right-of-way as it relates to cleaning, repair, maintenance, and replacement. Currently, when notified, City Wastewater staff will respond to issues and or blockages related to residential or commercial properties. If it is determined the blockage or issues are caused by the lower lateral, City Wastewater staff will make the necessary repairs.

The City is actively working on a formal lower sewer lateral maintenance program that can be implemented as a proactive approach to identifying aging infrastructure and utilizing the information in collaboration with the City's CIP team to address these deficiencies, if possible, during a street rehab project.

System Monitoring

The City has installed and maintains three (3) [SmartCover](#) electronic level sensors in the collection system installed in strategic locations to alert operators to help prevent spills and monitor maintenance cleaning intervals in certain locations. The City is looking into purchasing an additional three (3) [SmartCover](#) sensors.

5. Design and Performance Provisions

5.1. Updated Design Criteria/Construction Standards/Specifications

WDR REQUIREMENTS

[Attachment D-5.1 \(pg. D-5\)](#)

“Updated design criteria, and construction standards and specifications, for the construction, installation, repair, and rehabilitation of existing and proposed system infrastructure components, including but not limited to pipelines, pump stations, and other system appurtenances. If existing design criteria and construction standards are deficient to address the necessary component-specific hydraulic capacity as specified in section 8 (System Evaluation, Capacity Assurance and Capital Improvements) of this Attachment, the procedures must include component-specific evaluation of the design criteria.”

COMPLIANCE

The above items are addressed below:

Written Design Standards: Design standards usually included written documents and standards that tell a design engineer how to design a gravity sewer, pressure sewer, sewage lift stations, and other sewer appurtenances.

For each new sewer project, a properly designed set of plans, consistent with the standard specifications is then submitted to the City for review and approval. This step represents a critical part of the sewer design and construction process in that the plans must be checked for conformance with the design, construction, and manholes standards.

It is optional that each city has its own specific sewer construction standards or specifications.

The purpose of this element is to ensure that all sewers within the City are designed and constructed with generally accepted engineering and industry standards.

As a starting point, all projects will have accurate flow projections, Hydraulics of Sewers, and planning and Design Criteria.

Sewer Materials and Structures: Sewer pipes, reinforced concrete box, sewer pipe joint, sewer maintenance holes, other sewer maintenance structures, spacing, excavations, bedding, backfills, and other specifications are clearly laid out the set of plans.

Sewer Construction: It is the responsibility of the City to ensure that the contractors and engineers follow its construction standards and City provides an oversight for ensuring they are built as per design documents, or “As Built Drawings” are provided to the City. Similar standards are also applicable to sewer rehabilitation projects to improve sewer system performance.

Description of City Process: The City requires that all sewers be designed and constructed are done in accordance with the City Standard Plans and Specifications. The City’s specifications by reference incorporate the most recent edition of the *Green Book* “Standard Plans and Specifications for Public Works Construction, Special Provisions, and Standard Drawings” and the most recent *California Plumbing Code*, “California Code of Regulations” Title 24, part 5 issued by The California Building Standards Commission. The City requires that plans be designed or prepared under direct supervision of licensed engineers and

provides a thorough review of plans by the City’s plan check staff prior to approval for construction and inspection of the actual construction work.

Since the *Green Book* and the *California Plumbing Code* are large documents, they are located in this document’s reference list. The City’s Standard Plans and Specifications address all routine sewer design and construction activities. However, design of specialty facilities such as sewage lift stations and/or large diameter sewer lines are handled on a case-by-case situation.

Once the sewer project is designed properly and the contractor has approved set of construction plans and specifications, the City ensures the new or rehabilitated sewers are properly constructed before the City will accept operation and maintenance responsibility. City staff or outside consultants perform construction inspection as deemed appropriate by the City. It is, however, not required that the inspector be at the construction at all times. The inspector usually provides a written record of each inspection and a final acceptance authorization.

The City provides inspection by utilizing its own staff or outsourcing to qualified consultants and/or contractors for the inspection of new sewer construction projects. The inspection of new sewers and the replacement and/or rehabilitation of existing sewers is conducted by City-trained inspectors. The City requires that “As-Built” sewer plans of the completed projects be submitted prior to final approval for acceptance of sewer facilities for public use. In addition, after completion of any sewer mains, the City requires a video inspection of the completed sewer to ensure that newly constructed sewer is free from cracks, any foreign objects debris or settlement of debris. If at any point during design or construction stage a dispute arises or if the design engineer or contractor deviated from as approved plans, the dispute resolution process will timely and effectively resolve the matter to the City’s satisfaction.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Are plan checking QA/QC processes helping to ensure adherence to the standards?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
5.1.1	Ensure all project plans are approved in accordance with the City’s Standard Specifications and Details.	Each Project		X	
5.1.2	Verify design standards and hydraulic model previously completed are adequate and consistent with current standards of practice.	2025		X	

5.2. Procedures and Standards

WDR REQUIREMENTS

[Attachment D-5.2 \(pg. D-5\)](#)

“Procedures, and standards for the inspection and testing of newly constructed, newly installed, repaired, and rehabilitated system pipelines, pumps, and other equipment and appurtenances.”

COMPLIANCE

Public Works services staff perform many operational and maintenance activities to ensure the reliable performance of the collection system. Sewer lines are cleaned of roots, debris, grease, etc. Sewer cleaning is performed by using high pressure hydro-jetting equipment, specialized root cutters, and other equipment. As the cleaning is performed, Public Works Wastewater Staff is also performing visual inspections of manholes to see if there is evidence of surcharge, vandalism, structural damage, and other infrastructure concerns. The Collections Systems goal is to clean the entire system every 6 years.

The City also contracts to have video inspection for at least 10-miles of its sewer main collection system on an annual basis. During this video inspection, the sewer is also cleaned.

Sewer overflow problem areas known as hot spots are cleaned more frequently, monitored on a monthly basis, and controlled aggressively.

The City owns and operates two vacuum jet trucks which are used to clean the sewer mains, sewer laterals, cleanouts, storm drains and catch basins.

Sewer Line Cleaning is accomplished through the implementation of a work-order based system. Work is planned in advance. Service Requests are issued to staff to follow-up on any concerns such as odors, blockages, overflows, pests, broken or missing manhole lids, etc.

Work orders are issued for all maintenance management activities, inspections, customer service calls, and spill responses. This includes issuing work orders for scheduled and unscheduled inspections, cleaning, and other maintenance activities. Work orders provide staff with a daily schedule and cleaning route. After a section has been cleaned, Public Work Wastewater staff complete a cleaning record which includes the following information:

- Date and time of cleaning.
- Method of cleaning
- Names of collections workers
- Location of the cleaning
- Location and cause of any blockage if found.
- Recommendation(s) of required further actions.

Upon completion of the day’s activities all cleaning information and work orders are returned to the Public Works Services Office for entry into the database. The City uses tracking software to log and track field activities. The following summarizes the City’s preventive maintenance work performed by the City:

- Manhole Inspection - The manhole interior and exterior surfaces are inspected on an as- needed basis for any structural defects, sewage flow condition, presence of vermin or rodents, deleterious

industrial waste, odors, and any signs of unusual settlement around the manholes and along sewer alignments.

- Drop Manholes - These facilities are inspected and cleared of stoppages and flow restrictions on variable frequencies based on prior inspection records.
- Sewer Line Cleaning - Sewer lines are cleaned by hydro jet or rodding based on an as- needed cleaning schedule. Additional cleaning and hydro jetting is performed in areas with excessive accumulation of grease, garbage, grinds, or sand build up. Special cleaning is performed based on the history of the sanitary sewer buildup at recurring locations.
- Vermin and Rodent Control - Sewers infested by insects are chemically treated. those infested by rodents are baited.
- Sewage Pump Station - The City owns and operates two pump stations at the present time. These pump stations are equipped with alarm systems and are inspected regularly. They also have backup pumps in cases of emergency shutdowns.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Were any design or installation deficiencies found during warranty inspections?
- Are deviations from standard procedures and/or specs, testing, etc., justified and documented?
- Does the City stay abreast of industry design standards and technical advances in the industry?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
5.2.1	Verify inspection procedures are adequate and consistent with current standards of practice	Ask actual cycle?		X	
5.2.2	Verify design standards and hydraulic model previously completed are adequate and consistent with current standards of practice.	Ask actual cycle?		X	

RESILIENCE

Resilience is addressed in Element 5 by:

- Staying abreast of industry trends and standards.
- Performing warranty inspections of newly installed or repaired assets to evaluate design and installation practices.
- Evaluating as-built changes for trends and areas for design and performance improvements.

APPENDIX 5 INCLUSIONS

- None

6. Spill Emergency Response Plan

WDR REQUIREMENTS

[Attachment D-6 \(pg. D-6\)](#)

“The Plan must include an up-to-date Spill Emergency Response Plan to ensure prompt detection and response to spills to reduce spill volumes and collect information for prevention of future spills. The Spill Emergency Response Plan must include procedures to:

- *Notify primary responders, appropriate local officials, and appropriate regulatory agencies of a spill in a timely manner;*
- *Notify other potentially affected entities (for example, health agencies, water suppliers, etc.) of spills that potentially affect public health or reach waters of the State;*
- *Comply with the notification, monitoring and reporting requirements of this General Order, State law and regulations, and applicable Regional Water Board Orders;*
- *Ensure that appropriate staff and contractors implement the Spill Emergency Response Plan and are appropriately trained;*
- *Address emergency system operations, traffic control and other necessary response activities;*
- *Contain a spill and prevent/minimize discharge to waters of the State or any drainage conveyance system;*
- *Minimize and remediate public health impacts and adverse impacts on beneficial uses of waters of the State;*
- *Remove sewage from the drainage conveyance system;*
- *Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters;*
- *Implement technologies, practices, equipment, and interagency coordination to expedite spill containment and recovery;*
- *Implement pre-planned coordination and collaboration with storm drain agencies and other utility agencies/departments prior, during, and after a spill event;*
- *Conduct post-spill assessments of spill response activities;*
- *Document and report spill events as required in this General Order; and*
- *Annually, review and assess effectiveness of the Spill Emergency Response Plan, and update the Plan as needed.”*

COMPLIANCE

The City’s Spill Emergency Response Plan (SERP) is a stand-alone document that contains all the key elements necessary for an appropriate spill response: notification, emergency incident response, reporting, and impact mitigation. The current plan, prepared by Fischer Compliance, LLC, meets the requirements of the WDR, which became effective on June 5, 2023. Initial training has been provided to affected staff and refresher training is conducted annually. A copy of the SERP is available for viewing at the City office upon request.

To help supplement resources, the City also has an established mutual aid agreement with the cities of Chino Hills, Ontario, Montclair, Upland, Fontana, Jurupa Community Services District (JCSD), the

Cucamonga Valley Water District, and IEUA. This includes resources for supporting the City with emergency assistance in the event of a major sanitary sewer spill.

The City also has ongoing agreements with contractors for supporting both routine and emergency operations.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Have staffs’ spill response efforts helped to prevent the discharge of sewage to surface waters?
- Do post-spill assessments indicate staff are following the procedures outlined in the SERP?
- Is SERP training effective and are trainees demonstrating adequate knowledge and abilities?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
6.1	Perform SERP training including practice drills.	Annually			X
6.2	Review Post Spill Assessments to ensure adherence with the SERP and to identify any trends that should be addressed.	Annually			X

RESILIENCE

Resilience is addressed in Element 6 by:

- Multiple staff are trained to respond to spill events.
- Post-spill assessments are conducted to evaluate staff’s adherence to the SERP and to identify areas for improvement.
- Data collection forms are used to direct staff to collect all the required data to be submitted to CIWQS and are designed as a guide to a proper spill event response.
- The City employs several different spill volume estimation methods to account for different circumstances.

APPENDIX 6 INCLUSIONS

- None

7. Sewer Pipe Blockage Program

WDR REQUIREMENTS

[Attachment D-7 \(pg. D-7\)](#)

“The Sewer System Management Plan must include procedures for the evaluation of the Enrollee’s service area to determine whether a sewer pipe blockage control program is needed to control fats, oils, grease, rags and debris. If the Enrollee determines that a program is not needed, the Enrollee shall provide justification in its Plan for why a program is not needed.

The procedures must include, at minimum:

- *An implementation plan and schedule for a public education and outreach program that promotes proper disposal of pipe-blocking substances;*
- *A plan and schedule for the disposal of pipe-blocking substances generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of substances generated within a sanitary sewer system service area;*
- *The legal authority to prohibit discharges to the system and identify measures to prevent spills and blockages.*
- *Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, best management practices requirements, recordkeeping and reporting requirements;*
- *Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the fats, oils, and grease ordinance;*
- *An identification of sanitary sewer system sections subject to fats, oils, and grease blockages and establishment of a cleaning schedule for each section; and*
- *Implementation of source control measures for all sources of fats, oils, and grease reaching the sanitary sewer system for each section identified above.”*

COMPLIANCE

In many sanitary sewer collection systems, Fats, Oils, and Grease (FOG) is known to be a significant cause, and or contributor, of sewer blockages in pipe and the cause of operational disruptions and damage to sewage pump stations. Although service areas that include commercial and institutional food service establishments (FSEs) are obvious sources of FOG, residential communities, especially those of medium and high-density multi-family residences, can also be a significant source of FOG. It is the purpose of the Regional FOG Control Program to ensure all customers in our service area are following the City Ordinance, and state and federal requirements, to prevent sewage overflows caused by FOG related blockages in our sewer collection system.

FOG Control Programs are required to include specific elements in order. The City of Chino has evaluated its sewer service area and determined a FOG control program is needed. The City has, developed the following FOG source control program to reduce the amount of these substances discharged to the sanitary sewer system.

Public Outreach

The City developed an appropriate outreach program that includes educating all Food Service Establishments identified by the City through both the FOG Inspection Program as well as the NPDES MS4 Inspection program. Education and outreach materials are provided at each inspection. This education program includes a tri-fold brochure, which provides information on the proper management of an FSE's grease and oil generation, maintenance, and operation of grease interceptors, how to locate grease collection companies, and what will typically happen during a FOG inspection. A sample of a typical outreach hand-out is available at San Bernardino County Stormwater Program website, shown below:

- <https://sbcountystormwater.org/wp-content/uploads/2017/05/Food-Restaurants.jpg>

Currently, the San Bernardino County Stormwater program has developed an educational program focused on residential cooking oil disposal that includes information regarding the proper disposal of home-generated cooking oils. An English and Spanish version of the handout is available at the following two websites:

- <https://sbcountystormwater.org/wp-content/uploads/2018/10/cookingoilenglish.pdf>
- <https://sbcountystormwater.org/wp-content/uploads/2018/10/cookingoilspanish-1.pdf>

The City will use these materials to provide outreach to the residential communities, through local channels, events, and the City's periodic newsletter, "Chino Connection." The information will be in the form of page advertisements within the newsletter.

In addition, both the City's FOG and NPDES inspection programs will include distribution of appropriate Best Management Practice materials during the routine inspections.

Disposal of Pipe Blocking Substances

The City requires each FSE to make arrangements for the proper disposal of FOG generated by the FSEs. During periodic inspections conducted under both the FOG and NPDES programs, conducted every 1, 2, or 5 years based on the risk history of noncompliance, each FSE's FOG disposal records and manifests are reviewed to ensure that the FSE is properly disposing of the FOG. The City inspects for FOG annually for high risk, every other year for medium risk, and also inspects at an increased frequency such as every 4-6 months in cases where FSEs are repeatedly non-compliant.

City will evaluate the records in conjunction with the interceptor to ensure its operating properly and all components are in place. Grease interceptors are regulated at the 25% rule where if 25% of the interceptor's capacity is remaining, the City will direct the FSE to pump the interceptor immediately.

These manifests should include the grease disposal firm's name, address, amount of grease removed, and the date of service. In the event that a record is not on-site during the inspection, the City typically will issue a Notice of Correction under either program. Many franchise FSEs will submit these records to a central corporate facility. The City will require that the FSE keeps copy on site or retrieve said inspection record as part of the NOC and will schedule a revisit to review this record.

The City provides a list of local grease disposal companies that are available on the City's website. In addition, the County of San Bernardino Stormwater Program recommends that FSEs search for grease disposal or rendering services within the telephone directory. The County program provides a phone number (909-386-8401) for additional resources.

Typically, when the City conducts a FOG inspection, the City will open and inspect the grease interceptor on-site and perform a physical measure of the remaining volume. If there is an accumulation of 25% or more of grease and solids within the operating fluid capacity of the interceptor, a mandatory pumping is required. Usually, the volume of grease present will determine the schedule for interceptor pumping. The grease interceptor is verified to have all components such as inlet tee, baffle tees, outlet tees or walls to function properly. The following is an example of an Interceptor Inspection form, which indicates the required frequency of servicing depending on accumulation, with grease in the sample box requiring interceptor servicing within 24-hours. This form also provides a method for determining if the interceptor requires any type of repairs.

Legal Authority (Prohibit Discharges)

The City's current ordinance provides the legal authority to prohibit discharges of FOG to the sewer system. [Section 13.20.115](#) "Prohibited discharges to the public sewerage system," in which paragraph A identifies as prohibited any "Waste and/or wastewater that contains substances that may precipitate, solidify and/or become viscous at temperatures between fifty degrees Fahrenheit or ninety degrees Fahrenheit."

The City undertakes routine maintenance activities relating to the FOG program, including routine CCTV inspections of sewer lines and line cleaning to prevent the build-up of FOG within the City's sewer lines. Based on historical knowledge of the sewer system, the City focuses additional resources in those areas in which FOG buildup may have occurred in the past, or in which a large number of either Food Service Establishments (FSE) or residential apartment complexes are located which, due to the City's socioeconomic make-up, may have increased cooking oil discharges. The City believes that the low number of spills during the last ten years is evidence that the current management approach has been effective in preventing spills and blockages caused by FOG.

Legal Authority (Grease Control Devices)

[Section 13.20.200](#) "Inspection" of the City's current ordinance provides adequate authority to the City to conduct inspections of grease removal devices. Currently, the City conducts FOG inspections under two separate programs, the NPDES Program which occurs annually on high priority commercial users and includes a review of grease removal records. Both inspections occur at the same time and frequency typically on an annual basis for FSEs with grease interceptors. The City is proposing to add Section 13.20.220 "Grease, Sand and Oil Interceptor Inspections" in order to further clarify the requirements for maintenance, including standards for servicing. The proposed language of this section is as follows:

"The grease or sand and oil interceptor of any facility shall be properly maintained. It shall be cleaned, as often as is necessary by the owner or user to assure that all grease, sediment, floating material, sand and oil do not accumulate to impair the efficiency of the interceptor. When an interceptor is cleaned, the accumulated sediment and floating material shall be removed and disposed of legally. Under no circumstance shall the material removed from a grease or sand and oil interceptor be discharged into a public sewer collection system, storm drain system, or ground. An interceptor is not considered properly maintained if, for any reason, it is not in good working condition. An interceptor is also not considered properly maintained if grease, sediment, floating material, sand and oil accumulations total more than twenty-five percent of the operating fluid capacity. The owner of any facility, the lessee and sub lessee, if there be such, and any proprietor, operator, or superintendent of such facility are individually and severally liable for any failure or improper maintenance of such interceptor. In addition, the grease,

sand and oil interceptor shall be maintained so that the discharge will comply with all limits contained in the resolution titled "Wastewater Effluent Limitations."

Legal Authority (Inspection of Grease Producing Facilities)

[Section 13.20.215](#) has inspection requirements allowing the City the right to inspect the user's facility and sample the user's discharge to determine compliance with this chapter. grease producing facilities.

State that City has identified portions of the system subject to FOG and describe how City maintains areas known to be subject to FOG.

The City has an established preventative maintenance program to monitor and inspect sections of sewers impacted by grease and conducts routine sewer mainline cleaning in these sections using jetting and rodding as appropriate.

Source Control Program (see A-f above for details how the City implements its source control program specific for pipe-blocking substances).

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Have there been any blockages/spills from any identified problem area?
- Is the City receiving feedback on public outreach efforts?
- Are the debris and other sewage solids collected during cleaning activities being disposed of appropriately?
- Have there been spills due to excessive fats, oil, grease, roots, or non-dispersible wipes discovered in the sewer system during the audit period?
- Are there repeat offenders among FSEs?
- Are enforcement trends decreasing?
- Are Source Control and Collection staff included in the plan check process?

IMPLEMENTATION PLAN/SCHEDULE

No	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
7.1	Review/evaluate enforcement and inspection findings and implement changes as necessary.	Annually			X
7.2	Review spill rates and causes and make changes to maintenance programs, as necessary.	Annually			X

RESILIENCE

Resilience is addressed in Element 7 by:

- Inspection of select assets directly downstream of grease producing businesses to ensure source control is effective.
- Residential FOG outreach and education program.
- Performance of regular assessments of system assets to monitor performance.
- QA/QA process for evaluating pipe cleaning effectiveness.
- Daily disposal of pipe blocking materials retrieved during maintenance activities.

APPENDIX 7 INCLUSIONS

- 7.1. Sample City FOG Inspection Enforcement Documentation

8. System Evaluation, Capacity Assurance, Capital Improvements

WDR REQUIREMENTS

[Attachment D-8 \(pg. D-\)](#)

“The Plan must include procedures and activities for:

- *Routine evaluation and assessment of system conditions;*
- *Capacity assessment and design criteria;*
- *Prioritization of corrective actions; and*
- *A capital improvement plan.”*

8.1. System Evaluation and Condition Assessment

WDR REQUIREMENTS

[Attachment D-8.1 \(pgs. D-7/D-8\)](#)

“The Plan must include procedures to:

- *Evaluate the sanitary sewer system assets utilizing the best practices and technologies available;*
- *Identify and justify the amount (percentage) of its system for its condition to be assessed each year;*
- *Prioritize the condition assessment of system areas that:*
 - o *Hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies;*
 - o *Are located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas;*
 - o *Are within the vicinity of a receiving water with a bacterial-related impairment on the most current Clean Water Act section 303(d) List.*
- *Assess the system conditions using visual observations, video surveillance and/or other comparable system inspection method;*
- *Utilize observations/evidence of system conditions that may contribute to exiting of sewage from the system which can reasonably be expected to discharge into a water of the State;*
- *Maintain documents and recordkeeping of system evaluation and condition assessment inspections and activities; and*
- *Identify system assets vulnerable to direct and indirect impacts of climate change, including but not limited to: sea level rise; flooding and/or erosion due to increased storm volumes, frequency, and/or intensity; wildfires; and increased power disruptions.”*

COMPLIANCE

The above requirements are addressed below:

The assessment of a collection system involves every component of the City collection system, including pipelines, manholes, and pump stations. The assessment of pipeline condition is the most significant condition assessment responsibility the City has. It is of key importance to regularly perform pipeline condition assessments to initially establish a condition baseline and to monitor condition changes over time.

Technologies, Practices, Strategies

The City employs a variety of technologies, practices, and strategies for implementation of its sewer system condition assessment program as follows:

- The City utilizes and maintains an ArcGIS Geodatabase software to manage sewer infrastructure and maps. The City conducts Closed-Circuit Television (CCTV) inspections with its own equipment/staff and supplements some sections with outside contracted services. The City's current CCTV interval for inspection of the entire sewer system is approximately every 9 years. New sanitary sewer construction and/or major sewer reconstructions are completed based on site-specific designed plans and specifications using the "Public Works Standard Plans and Specification" (*Green Book*) as well as the City's Standard Engineering Designs. Sewer plans and specifications are designed with sufficient capacity for current and future base, peak, and wet weather flow demands, including evaluation of impacts from proposed projects on the existing sewer system.
- The City also relies on modern Master Planning techniques for further evaluation of both capacity and condition assessment of sewers. The city completed an original Sewer Master Plans in 2011 that included evaluating hydraulic and modeling the hydraulic conditions for base flows, peak flows, sewer flow velocity, and d/D flow depth to pipe diameter ratio. A [2022 Sewer Master Plan](#)² was completed to update the 2011 Plan that included comprehensive assessments of existing and future sewer design capacities due to the expanding growth of residential, commercial, and industrial projects proposed within the City's sewer service area. The City revised its 2011 Sewer Master Plan in 2022 Sewer Master Plan that includes the following updates:
 - Evaluate existing and future sewer system capacity and existing sewer asset condition for development of a phased approach for the City's sewer capital improvement program with capacity and condition related projects.
 - Create a dynamic GIS database for leveraging multiple operational and project planning including integration of data into an asset management system.

The key objectives of the 2022 Sewer Master Plan included the following tasks that were completed:

- Review of the wastewater layer of the City's GIS including all wastewater lines (excluding laterals) and update as needed.
- Evaluate of whether a survey of sewer manholes is needed and to what extent.
- Construction of a sewer model.
- Utilization of the model to identify those portions of the wastewater system that are overloaded under existing and future conditions.

² The City of Chino 2022 Sewer Master Plan can be read in its entirety at this link:
https://www.cityofchino.org/DocumentCenter/View/3364/Sewer-Master-Plan-2022_for-public

SYSTEM EVALUATION, CAPACITY ASSURANCE, CAPITAL IMPROVEMENTS

- Development of a capital repair and replacement program that will establish an appropriate rate of renewal and capital investment.
- Preparation of a prioritized Capital Improvement Program that will address identified capacity and condition-related deficiencies.

Justification for Condition Assessment

The City has one CCTV van dedicated to the inspection of sewer mains and lower laterals. Staff assesses the condition of the collection system on an 8-year interval. The City maintains a relatively low spill rate which is continuously assessed to help ensure an optimal inspection cycle. Having the new CCTV van allows staff to inspect laterals and mainlines in a timely manner not relying on contracted services and their schedule therefor improving the efficiency. Prioritize Condition Assessments

The City inspects all gravity mains and manholes and is knowledgeable about the performance of its collection system. Staff believes it is appropriate to address all pipe segments in the same manner as the risk and consequence of a spill from any portion of the collection is essentially the same.

The City performs top-down, visual inspections of manholes and video inspections of gravity mains. Level sensors ([SmartCovers](#)) are also utilized to monitor flow conditions, pipe performance, and infiltration.

The City is not aware of exfiltration from their collection system.

CCTV Inspections

Data is collected, compiled, and used for the purpose of documenting maintenance efforts, evaluating system performance, and making maintenance and corrective action decisions today and into the future.

Climate Impacts

The City continuously monitors potential impacts due to climate change. The City has determined that flooding is its single most impact that affects the sanitary sewer collection system. To address this issue, the City has identified areas susceptible to flooding and continuously adds composite manhole covers to reduce inflow in targeted areas throughout the collection system. A copy of the City's 2020-2030 Climate Action Plan (CAP) can be found at: <https://www.cityofchino.org/206/Climate-Action-Plan-CAP>

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Has the City maintained its schedule for inspecting the sewer assets listed below and is data being reviewed in a timely manner?
 - CCTV Gravity Mains
 - Laterals
 - Manholes
 - Pump Stations
- Are inspection efforts discovering deficiencies in a timely manner?
- Are maintenance and inspection activities being properly documented?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
8.1.1	Review/evaluate enforcement and inspection findings and implement changes as necessary.	Annually		X	X
8.1.2	Review spill rates and causes and make changes to maintenance programs, as necessary.	Annually		X	X
8.1.3	Hold a meeting to discuss any issues that may result from climate changes.	Annually	X	X	X

8.2. Capacity Assessment and Design Criteria

WDR REQUIREMENTS

[Attachment D-8.2 \(pgs. D-8/D-9\)](#)

“The Plan must include procedures to identify system components that are experiencing or contributing to spills caused by hydraulic deficiency and/or limited capacity, including procedures to identify the appropriate hydraulic capacity of key system elements for:

- *Dry-weather peak flow conditions that cause or contributes to spill events;*
- *The appropriate design storm(s) or wet weather events that causes or contributes to spill events.*
- *The capacity of key system components; and*
- *Identify the major sources that contribute to the peak flows associated with sewer spills.*

The capacity assessment must consider:

- *Data from existing system condition assessments, system inspections, system audits, spill history, and other available information;*
- *Capacity of flood-prone systems subject to increased infiltration and inflow, under normal local and regional storm conditions;*
- *Capacity of systems subject to increased infiltration and inflow due to larger and/or higher-intensity storm events as a result of climate change;*
- *Increases of erosive forces in canyons and streams near underground and above-ground system components due to larger and/or higher-intensity storm events;*
- *Capacity of major system elements to accommodate dry weather peak flow conditions, and updated design storm and wet weather events; and*
- *Necessary redundancy in pumping and storage capacities.”*

COMPLIANCE

The sanitary sewer collection system capacity enhancement program is based on the Sewer Master Plan, internal inspections, and capacity analysis that are used to compile and prioritize capital projects. The prioritized capital projects are scheduled as part of the five-year CIP budget process. Projects are scheduled based on severity of needs and availability of funding. The five-year CIP program is adjusted annually based on changes in priorities. For FY20-21, the Sewer CIP includes approximately \$4,468,939 in planned Sewer System Improvements. The table below shows the list of projects planned from FY19-20 through FY23-24.

Point or immediate repairs are made soon after discovery and are frequently re-prioritized to ensure uninterrupted sewer service. Point repairs are a part of the City’s annual repair and replacement budget.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Number of capacity-related spills or surcharge condition during the audit period.
- Has the system responded to rain events as indicated by the hydraulic model?
- Has there been any changes to zoning designations (residential, commercial, industrial)?

IMPLEMENTATION PLAN/SCHEDULE

No	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
8.2.1	Monitor/evaluate significant rain events to see if they exceed the design storm in the hydraulic model.	Each significant rain event		X	X
8.2.2	Identify and monitor flood-prone areas susceptible to erosion from rain events	After each significant rain event		X	X
8.2.3	Monitor flows in each basin and update the hydraulic model	Per Engineering Department schedule		X	X

8.3. Prioritization of Corrective Action

WDR REQUIREMENTS

[Attachment D-8.3 \(pg. D-9\)](#)

“The findings of the condition assessments and capacity assessments must be used to prioritize corrective actions. Prioritization must consider the severity of the consequences of potential spills.”

COMPLIANCE

The City relies both on existing CCTV data for identifying issue areas for prioritizing collection system repairs and replacements along with recommendations identified in both its completed 2011 and 2022 Sewer Master Plans.

The 2011 Sewer Master Plan identified individual capacity improvements and individual condition improvements based on flow monitoring and modeling. The 2022 Sewer Master Plan (see Appendix 8.1) identified a total of thirteen (13) individual capacity improvements (see Appendix 8.1, Table 8.1) and seven (7) individual condition improvements (see Appendix 8.1, Table 8.4) were identified and recommended based on risk of surcharging.

The City is currently evaluating recommendations specified in its 2022 Sewer Master Plan for potential Capital Improvement Program (CIP) projects. The City anticipates providing an update on these recommendations in its next SSMP Audit due in 2027.

The City is not aware of exfiltration from their collection system. The City has identified many sewage conveyance facilities near surface waters. Approximately 11,000 feet of gravity main runs parallel to creeks and some have been lined. Other pipes located near surface water are located within the public right-of-way, in streets and show no evidence of defects that could lead to exfiltration. The City continuously monitors defects such as cracks, separated joints, and infiltration. Significant findings will be addressed in a timely manner.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Has the City adhered to its system evaluation/condition assessment schedule?
- Has the City adhered to its prioritization/corrective procedures for sewer repair and capacity improvement projects?
- Have projects been completed before deficiencies caused failures?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
8.3.1	Utilize all available data for prioritizing corrective actions considering severity and consequences of potential spills.	Each CIP Update			X
8.3.2	Maintain documents and recordkeeping of system evaluation and condition assessment inspections and activities.	Continuously			X

8.4. Capital Improvement Plan

WDR REQUIREMENTS

[Attachment D-8.4 \(pg. D-9\)](#)

“The capital improvement plan must include the following items:

- *Project schedules include completion dates for all portions of the capital improvement program;*
- *Internal and external project funding sources for each project; and*
- *Joint coordination between operation and maintenance staff, and engineering staff/consultants during planning, design, and construction of capital improvement projects; and InterCity coordination with other impacted utility agencies.”*

COMPLIANCE

The sanitary sewer collection system capacity enhancement program is based on the Sewer Master Plan, internal inspections, and capacity analysis that are used to compile and prioritize capital projects. The prioritized capital projects are scheduled as part of the five-year CIP budget process. Projects are scheduled based on severity of needs and availability of funding. The five-year CIP program is adjusted annually based on changes in priorities. For FY20-21, the Sewer CIP includes approximately \$4,468,939 in planned Sewer System Improvements. Attachment 8.2 outlines the list of projects completed and planned from FY19-20 through FY23-24.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Has the City’s capital improvement plan schedule been adhered to?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
8.4.1	Hold regular coordination meetings, with all parties, to help keep the projects on track and resolve issues that may arise in a timely manner.	Annually		X	X
8.4.2	For schedules that are not followed, justify and document the reason.	Each Delayed Project			X

RESILIENCE

Resilience is addressed in Element 8 by:

- Is there an annual review of the Capital Improvement Plan by all appropriate individuals including both Engineering and Operations?

APPENDIX 8 INCLUSIONS

- 8.1 2022 Sewer Master Plan Executive Summary
- 8.2 City Sewer Capital Improvement Tracker

9. Monitoring, Measurement, and Program Modifications

WDR REQUIREMENTS

[Attachment D-9 \(pg. D-9\)](#)

“The Plan must include an Adaptive Management section that addresses Plan-implementation effectiveness and the steps for necessary Plan improvement, including:

- *Maintaining relevant information, including audit findings, to establish and prioritize appropriate Plan activities;*
- *Monitoring the implementation and measuring the effectiveness of each Plan element;*
- *Assessing the success of the preventive operation and maintenance activities;*
- *Updating Plan procedures and activities, as appropriate, based on results of monitoring and performance evaluations; and*
- *Identifying and illustrating spill trends, including spill frequency, locations, and estimated volumes.”*

COMPLIANCE

The above requirements are addressed below:

The City maintains accurate and relevant inspection and maintenance records for the collection system. Much of the documentation today is maintained electronically, which allows for ease of access and analysis. This helps City staff to make sound decisions and prioritize activities when dealing with the routine and the unexpected.

Monitoring of the City’s SSMP focuses on each element in terms of its implementation and effectiveness. The SSMP has been designed to include key performance indicators for each element, which are used to measure effectiveness. In addition, implementation responsibilities are included for each element to help ensure the SSMP is being implemented as intended.

The City assesses the success of maintenance and operation activities by ensuring activities are being performed as expected, by monitoring actual outcomes compared to intended outcomes, as well as monitoring spill trends.

The City is committed to continuous improvement and monitors and evaluates performance of work programs and SSMP elements to ensure intended outcomes are achieved while looking for areas for improvement. Although the SWRCB requires that the SSMP be updated every six years, the SSMP should be considered as a dynamic document and may require updating on a more frequent basis. Routine changes to administrative information, notwithstanding, minor changes will likely be required to address improvements identified through the SSMP Audit or through modifications required as conditions change.

The City monitors spill trends, at a minimum every three years during required audits, utilizing the CMMS database, inspection records, and CIWQS data. These resources are helpful in planning and programing work, and adjusting as needed, enabling the City to be adaptive and capitalize on lessons learned.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Are SSMP Elements being periodically evaluated for effectiveness?
- Are work activities and spill events being documented?
- Has a plan and schedule been established to address audit findings/deficiencies from the last audit?
- Is Trend Analysis being performed on spill causes?
- Have work programs been assessed and updated as necessary?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
9.1	Assess work programs to ensure outcomes are as intended.	Annually			X
9.2	Ensure work programs and the SSMP are updated based on assessments.	As Needed			X
9.3	Monitor and evaluate spill trends. Document efforts.	Annually			X

RESILIENCE

Resilience is addressed in Element 9 by:

- Development of key performance indicators to measure effectiveness of the SSMP.
- Performing periodic reviews of the SSMP to help ensure it is being properly implemented.
- Developing and adhering to a timeline to correct deficiencies found during the audit process.
- Periodically evaluating work programs to help ensure effectiveness.

APPENDIX 9 INCLUSIONS

- None

10. Internal Audits

WDR REQUIREMENTS

[Attachment D-10 \(pg. D-10\)](#)

“The Plan shall include internal audit procedures, appropriate to the size and performance of the system, for the Enrollee to comply with section 5.4 (Sewer System Management Plan Audits) of this General Order.”

COMPLIANCE

The City completed its last audit in January 2025 and will complete audits every three (3) years moving forward. The objective of the audit is to evaluate compliance, implementation and effectiveness of the SSMP. Additionally, the SSMP includes a description of how the City will comply with the requirements of each Element. The audit review includes an evaluation to determine if compliance has been met.

Implementation is evaluated by determining if the City is executing the SSMP as stated.

Effectiveness is evaluated by using key performance indicators, which have been developed specifically for each element.

An additional evaluation is performed to comply with Specifications 5.6 addressing resilience.

Resilience indicators have been developed for each element. These indicators serve to demonstrate how resilience is built into the SSMP and inspection, maintenance, and spill response activities (see Appendix 12).

Any deficiencies discovered through the audit process are noted and a plan and schedule to implement corrective measures are established.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Have audits been performed as required?
- Have the audits assessed compliance, implementation, and effectiveness?
- Have deficiencies been identified?
- Has a plan and schedule to rectify the deficiencies been established?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	Eng	Sup
10.1	Schedule audits in advance of due dates to ensure adequate time to complete. City has 6 months to complete the audit from the end of the audit period.	Beginning at end of audit period			X
10.2	Ensure a plan and schedule is developed to address deficiencies.	Once the Audit is completed			X

RESILIENCE

Resilience is addressed in Element 10 by:

- Periodically evaluating key performance indicators during the audit period to assess effectiveness and make corrections, if necessary, prior to the audit.
- Evaluating previous audits to ensure deficiencies have been rectified.
- Scheduling the audit due dates and completing the audit on time.

APPENDIX 10 INCLUSIONS

- 10.1. 2021-2024 SSMP Audit

11. Communication Program

WDR REQUIREMENTS

[Attachment D-11 \(pg. D-10\)](#)

“The Plan must include procedures for the Enrollee to communicate with:

- *The public for:*
 - o *Spills and discharges resulting in closures of public areas, or that enter a source of drinking water; and*
 - o *The development, implementation, and update of its Plan, including opportunities for public input to Plan implementation and updates.*
- *Owners/operators of systems that connect into the Enrollee’s system, including satellite systems, for:*
 - o *System operation, maintenance, and capital improvement-related activities.”*

COMPLIANCE

When the City experiences a spill, it is standard procedure to secure the affected area and keep the public away. This is generally done using barricades, cones, and caution tape. Should the City experience a spill that may require closure of public areas or enter a source drinking of water, signs will be immediately placed indicating the issue and providing contact information. Staff will remain on site to provide an additional safety factor until appropriate authorities respond and direct otherwise. In all cases, the City will follow the advice of higher authorities, such as the local environmental health department and other regulatory authorities.

There are several opportunities for stakeholders and the public to participate and provide input into the development and update of the City SSMP. During its initial development stage, as with each SSMP Audit and update of the SSMP, the SSMP and related documents are presented to the City Board for approval.

Prior to each Board or Council meeting, these documents are included in Board Agenda packet which are readily available for review on the City’s website. The SSMP is posted on the City’s website, which provides the public several ways to contact the City, via the “Contact Us” feature.

To help supplement resources, the City also has an established mutual aid agreement with the cities of Chino Hills, Ontario, Montclair, Upland, Fontana, Jurupa Community Services District (JCSD), the Cucamonga Valley Water District, and IEUA. This includes resources for supporting the City with emergency assistance in the event of a major sanitary sewer spill. The City also has an ongoing agreement with contractor resources for both routine and emergency operations.

The City does not currently have satellite systems.

EFFECTIVENESS

The City utilizes the following Key Performance Indicators for measuring effectiveness of this Element:

- Does the City place all SSMP action items on the agenda for regular counsel/board meetings?
- Does the City have signage, or other means, readily available to notify the public of environmental or public risk factors related to a sewage spill?
- Does the City perform outreach to residential customers?

IMPLEMENTATION PLAN/SCHEDULE

No.	Plan	Schedule	Responsible Party		
			PWSM	ENG	SUP
11.1	Ensure the Board of Directors approves the SSMP per schedule.	Every 6 years	X	X	X
11.2	Ensure the SSMP is posted on the City website and the link functions properly.	Annually			X
11.3	Ensure Sewage Spill Warning signs are readily available to communicate with the public when necessary	Annually			X

RESILIENCE

Resilience is addressed in Element 11 by:

- Use the SSMP as a tool to communicate to the public how the City is managing the system.
- Maintain a consistent presence in the service area by attending community events or issuing periodic newsletters or other communications to the public.
- Make it clear and easy for the public to contact the City.

APPENDIX 11 INCLUSIONS

- None

LIST OF APPENDICIES

APPENDIX 1	<ul style="list-style-type: none"> • 1.1. City Revenue History by Fund
APPENDIX 2	<ul style="list-style-type: none"> • None
APPENDIX 3	<ul style="list-style-type: none"> • None
APPENDIX 4	<ul style="list-style-type: none"> • None
APPENDIX 5	<ul style="list-style-type: none"> • None
APPENDIX 6	<ul style="list-style-type: none"> • None
APPENDIX 7	<ul style="list-style-type: none"> • 7.1. Sample City FOG Inspection Enforcement Documentation
APPENDIX 8	<ul style="list-style-type: none"> • 8.1 2022 Sewer Master Plan Executive Summary • 8.2 City Sewer Capital Improvement Plan
APPENDIX 9	<ul style="list-style-type: none"> • None
APPENDIX 10	<ul style="list-style-type: none"> • 10.1. 2021-2024 SSMP Audit
APPENDIX 11	<ul style="list-style-type: none"> • None