City of Salinas

Sewer System Management Plan

Revision 2 – May 2025

WDID: 3SSO10314

Prepared By:

WALLACE GROUP®

City of Salinas

SEWER SYSTEM MANAGEMENT PLAN

Revision 2

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May 2025

The Sewer System Management Plan, Revision 2 was created with the assistance of the following City of Salinas and Wallace Group Staff:

City of Salinas Staff

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CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

_____

Gary Gabriel
Wastewater Manager / LRO

SSMP – REVISION RECORD

City of Salinas Sewer System SSMP has undergone the following revisions:

Revision No.	Revision Date	Description of Revisions	Revision Completed By	Revision Approved By
0	July 2009	The City developed an initial Sewer System Management Plan (SSMP) to address the requirements of the 2006 Sanitary Sewer System (SSS) Orders issued by the State Water Resources Control Board (SWRCB).	1st SSMP City Staff	City Wastewater Division Manager and City Council
1	December 2019	The SSMP was updated based on the findings of the 2019 SSMP Audit.	City Staff and Wallace Group	City Wastewater Division Manager and City Council
2	May 2025	The SSMP was updated based on the findings of the 2024 SSMP Audit and based on regulatory requirements in the 2022 WDRs.	City Staff and Wallace Group	City Wastewater Division Manager and City Council

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ACRONYMS AND ABBREVIATIONS

BMP	Best Management Practices
CAP	Capacity Assessment Plan
Cal OES	California Office of Emergency Services
Cal/OSHA	California Division of Occupational Health and Safety
CCR	California Code of Regulations
CCTV	Closed Circuit Television
CDFW	California Department of Fish and Wildlife
CFR	Code of Federal Regulations
CIP	Capital Improvement Plan
CITY	City of Salinas
CIWQS	California Integrated Water Quality System
CMMS	Computerized Maintenance Management System
CWEA	California Water Environment Association
EHS	Environmental Health Services
ELAP	Environmental Laboratory Accreditation Program
EOP	Emergency Operating Procedure
ENROLLEE	City of Salinas
EPA	Environmental Protection Agency
FOG	Fats, Oil, and Grease
FSE	Food Services Establishment
HMA	High Maintenance Area
I/I	Inflow & Infiltration
IIPP	Injury and Illness Prevention Program
IWF	Industrial Waste Facility
LRO	Legally Responsible Official
mgd	Million Gallons per Day
MRP	Monitoring and Reporting Program (Used in this SSMP to reference MRP Order No. 2022-0103-DWQ.)
SERP	Spill Emergency Response Plan
OES	Office of Emergency Services
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Administration

ACRONYMS AND ABBREVIATIONS

PLSD	Private Lateral Sewage Discharge
PM	Preventative Maintenance
PPE	Personal Protective Equipment
R&R	Rehabilitation and Replacement
RWQCB	Central Coast Regional Water Quality Control Board
SCADA	Supervisory Control and Data Acquisition
SECACIP	Sewer Evaluation, Capacity Assurance and Capital Improvement Plan
SMP	Sewer Master Plan
SOP	Standard Operating Procedure
SSMP	Sewer System Management Plan
SPILL	Sanitary Sewer Spill
SSS	Sanitary Sewer System
SWRCB	State Water Resources Control Board
WDR	Waste Discharge Requirements (Used in this SSMP to reference WDR Order No. 2022-0103-DWQ, the Statewide General WDR for SSSs.)

INTRODUCTION

This Sewer System Management Plan (SSMP) six (6) year update was performed in compliance with the requirements of the State Water Resources Control Board (SWRCB) Statewide General Waste Discharge Requirements (WDR), Order No. 2022-0103-DWQ, which are available at the City Wastewater Division Office and on the State Water Resources Control Board website: **https://www.waterboards.ca.gov/water_issues/programs/sso/** .

0.1 Requirement Background

The WDRs require all public wastewater collection system agencies in California that own and operate sanitary sewer systems greater than one mile in length, which collect or convey untreated or partially treated wastewater to a publicly owned treatment facility, to develop, implement, and maintain a SSMP and report sanitary sewer spills(Spills) using the State's electronic reporting system, California Integrated Water Quality System (CIWQS).

The City of Salinas (City) SSMP includes the following eleven (11) Elements:

1. Goal
2. Organization
3. Legal Authority
4. Operation and Maintenance Program
5. Design and Performance Provisions
6. Spill Emergency Response Plan
7. Pipe Blockage Control Program
8. System Evaluation, Capacity Assurance and Capital Improvement Plan
9. Monitoring, Measurement, and Program Modifications
10. Sewer System Management Plan Program Audits
11. Communication Program

Each SSMP Element is prefaced with the associated WDR section and narrated with the City's policies and procedures, which address the respective SWRCB requirement.

EXECUTIVE SUMMARY

The State Water Resources Control Board's (SWRCB's) Statewide General Waste Discharge Requirements (WDR) for Sanitary Sewer Systems, Order No. 2022-0103-DWQ require the City of Salinas (City) to have and maintain a Sewer System Management Plan (SSMP), which provides a plan and schedule to properly manage, operate, and maintain all parts of the sanitary sewer system in order to help reduce and prevent sanitary sewer spills (Spills), as well as mitigate any Spills that do occur.

The SSMP includes the following eleven (11) Elements:

Goal

City goals, which are included in the SSMP, are:

- Properly manage, operate, and maintain the wastewater collection system;
- Maintain design construction standards and specifications for the installation of new wastewater systems;
- Verify the wastewater collection system has adequate capacity to convey industrial wastewater during peak flows;
- Minimize the frequency of system overflows;
- Respond to system overflows quickly and mitigate the impact of the overflow;
- Provide training on a regular basis for staff in collection maintenance and operations;
- Develop a closed-circuit televising (CCTV) program for the industrial sewer collection system;
- Identify and prioritize structural deficiencies and implement short-term and long-term maintenance and rehabilitation actions to address each deficiency;
- Meet all applicable regulatory notification and reporting requirements; and
- Provide excellent customer service.

Organization

The Organization Element of the SSMP identifies City and Contract Staff, who are responsible for implementing the SSMP, responding to sewer spills, and meeting sewer spill reporting requirements, and identifies the lines of authority of SSMP responsibilities and chains of communication for sewer spill response and reporting. The Legally Responsible Officials (LRO) are also designated in this SSMP Element in order to meet the SWRCB requirements for completing and certifying sewer spill reports in the SWRCB's online regulatory information database and tracking system, California Integrated Water Quality System (CIWQS).

Legal Authority

This SSMP Element outlines the City Municipal Code Chapters and Ordinances that provide the City with the legal authority to:

a. 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;

b. 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;

c. Require that sewer system components and connections be properly designed and constructed;

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

e. Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures; and

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

Operation and Maintenance Program

City operation and maintenance of its collection system ensures that the system is kept in good working condition, and this SSMP Element outlines the work that is conducted to accomplish the optimal operation and maintenance of the City collection and conveyance system. This SSMP Element details a:

a. Up-to-date maps of the sanitary sewer system, and procedures for maintaining and providing State and Regional Water Board staff access to the maps. The maps 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.;

b. A scheduling system and a data collection system for preventive operation and maintenance activities conducted by staff and contractors.

    a. The scheduling system includes:
        i. Inspection and maintenance activities;
        ii. Higher-frequency inspections and maintenance of known problem areas, including areas with tree root problems;
        iii. Regular visual and closed-circuit television (CCTV) inspections of manholes and sewer pipes.

    The data collection system documents data from system inspection and

maintenance activities, including system areas/components prone to root-intrusion potentially resulting in system backup and/or failure.

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

    i. The requirements of this General Order;
    ii. The Enrollee's Spill Emergency Response Plan procedures and practice drills;
    iii. Skilled estimation of spill volume for field operators; and
    iv. Electronic CIWQS reporting procedures for staff submitting data.

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

Design and Performance Provisions

The Design and Performance Provisions Element describes the standards and specifications for new construction, repair of the existing sanitary sewer system, and the inspection and testing of these items.

Spill Emergency Response Plan

The Spill Emergency Response Plan (SERP) contains the following information in order to protect public health and the environment in the event of a sewer spill:

a. Notify primary responders, appropriate local officials, and appropriate regulatory agencies of a spill in a timely manner;

b. 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;

c. Comply with the notification, monitoring and reporting requirements of this General Order, State law and regulations, and applicable Regional Water Board Orders;

d. Ensure that appropriate staff and contractors implement the Spill Emergency Response Plan and are appropriately trained;

e. Address emergency system operations, traffic control and other necessary response activities;

f. Contain a spill and prevent/minimize discharge to waters of the State or any drainage conveyance system;

g. Minimize and remediate public health impacts and adverse impacts on beneficial uses of waters of the State;

h. Remove sewage from the drainage conveyance system;

i. Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters;

j. Implement technologies, practices, equipment, and interagency coordination to expedite spill containment and recovery;

k. Implement pre-planned coordination and collaboration with storm drain agencies and other utility agencies/departments prior, during, and after a spill event;

l. Conduct post-spill assessments of spill response activities;

m. Document and report spill events as required in this General Order; and

n. Annually, review and assess effectiveness of the Spill Emergency Response Plan, and update the Plan as needed.

Pipe Blockage Control Program

The goal of the Pipe Blockage Control Program is to reduce and/or eliminate the amount of pipe blocking materials such as fats, oils and grease wipes, roots, etc., that may be discharged to the sanitary sewer system. This is implemented through public outreach, operations and maintenance activities, investigations and FOG Program inspections.

System Evaluation, Capacity Assurance, and Capital Improvement Plan

The City completed a Sanitary Sewer Master Plan Update (SSMPU) in 2023 to assess the existing, near term and long-term capacity needs and the condition of the system to safely collect and convey wastewater. The SSMPU identified capital improvement projects which included staff O&M based projects, hydraulicly deficient projects, lift station evaluation projects and ongoing CCTV data. The City prioritized these projects based on the following criteria:

- Overflow to Waters of the State
- Ability to meet Design Criteria
- O&M Hot Spots
- Community Impacts
- Surcharge

These analyses identify areas that are capacity deficient and/or structurally deficient under existing and future conditions. Recommended capital improvement projects are prioritized as a result of this analysis. An additional Vulnerability Assessment will be required to meet some of the additional (2022) requirements included in the WDRs.

Monitoring, Measurement, and Program Modifications

The City monitors the implementation of the SSMP Elements in order to measure the effectiveness of the City SSMP program in reducing sewer spills. This SSMP Element outlines the manner in which each SSMP Element is monitored and evaluated and the schedule with which the City completes this monitoring and evaluation.

Sewer System Management Plan Program Audits

The SSMP Program Audits Element outlines the audit process and identifies City Staff responsible for conducting or participating in SSMP Program Audits and generating the required SSMP Program Audit Report. SSMP Program Audits must occur at a minimum of every three (3) years and are required to evaluate the City SSMP Program, identify program deficiencies, and provide an improvement schedule based on the audit findings.

Communication Program

This SSMP Element describes the manner in which the City communicates the development, implementation, and performance of its SSMP with the public in order to provide them with the opportunity to provide input as the SSMP program is developed and implemented.

ELEMENT 1 - GOALS, REGULATORY CONTEXT, ASSET OVERVIEW AND SCHEDULE

The City of Salinas (City) has the following goals for the management and maintenance of the sanitary sewer collection system. These goals provide focus for City Staff to continue high-quality work to operate and maintain City facilities and to implement improvements for management of the collection system to prevent sanitary sewer spills (Spills). The role of the SSMP in supporting these goals is discussed below.

These goals will be evaluated annually in Element 9: Monitoring, Measurement and Program Modification to assess the City's success in implementing and meeting the objectives of these goals.

1.1 Regulatory Requirement

WDR Order No. 2022-0103-DWQ Attachment D1 states:

> 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.

1.2 Sanitary Sewer System Goals

The City seeks to provide high quality and reliable wastewater collection and conveyance for its residents and businesses.

City SSMP Goals:

- Properly manage, operate, and maintain the wastewater collection system;
- Maintain design construction standards and specifications for the installation of new wastewater systems;
- Verify the wastewater collection system has adequate capacity to convey industrial wastewater during peak flows;
- Minimize the frequency of system overflows;
- Respond to system overflows quickly and mitigate the impact of the overflow;
- Provide training on a regular basis for staff in collection maintenance and operations;
- Develop a closed-circuit televising (CCTV) program for the industrial sewer collection system;
- Identify and prioritize structural deficiencies and implement short-term and long-term maintenance and rehabilitation actions to address each deficiency;
- Meet all applicable regulatory notification and reporting requirements; and
- Provide excellent customer service.

1.3 Regulatory Context and Schedule for Audits and Updates

As required by Statewide Sanitary Sewer Systems General Order 2022-0103-DWQ, the SSMP contains several elements which are referenced in the table of contents that will help the City accomplish the goals mentioned in this element. The City is dedicated to implementing each Element of the SSMP and tracking any revisions that may be necessary as program implementation progresses. The current 2025 SSMP update was completed prior to the due date of *May 2, 2025*.

The City will begin their next SSMP Audit after *May 2, 2027*, Audit Period End Date with an identified Audit period of *May 2, 2024, through May 2, 2027*, for completion by *November 2, 2027*. The Audit will evaluate how the SSMP meets regulatory requirements, implementation of the SSMP, success of preventative maintenance program, and sewer spill trends. A plan and schedule will be developed for the correction of any deficiencies identified in the audit and any necessary updates or general plan changes that may be required.

The City will annually review and evaluate the SSMP, Preventative Maintenance Program, and Spill Trends to identify areas of their sewer operations that may need to be modified to comply with existing regulatory requirements and reduce the number of sewer spills occurring in a calendar year.

The SSMP 6-Year Update will begin on or before *January 2031* for completion, adoption and recertification by *May 2, 2031*.

In addition to the SSMP Update and SSMP Audit discussed above, the City has identified additional near-term compliance dates as required by General Order WQ-2022-0103-DWQ:

- Annual Report of Category 4 Non-Lateral Spills: *February 1st of each calendar year*
- Annual Report: *April 1st of each calendar year*
- Electronic Sanitary Sewer System Service Area Boundary Map: *December 31, 2025*

1.4 System Asset Overview and Service Area

The City sewer collection and conveyance system is located in Monterey County and consists of 292 miles of gravity pipelines, which vary in diameter from 6-inch to 54-inches, ten (10) City-owned lift stations, one (1) City-maintained lift station, and two (2) miles of force mains with two (2) air/vacuum relief valves. Approximately 70% of the City's collection system was constructed before 1980, with 41% of the system constructed between 1960-1979. The remaining 30% of the system was constructed from 1980 to present. Most of the existing collection system piping material is Vitrified Clay Pipe (VCP). Although Polyvinyl Chloride (PVC) pipe would have likely been installed with newer construction from 1980 to present.

There are 3,462 Manholes and 1,403 cleanouts throughout the system. The sewer system is restricted to providing sanitary sewer flows only with no diversion of stormwater into the sewer system.

The following table shows the various pipeline sizes:

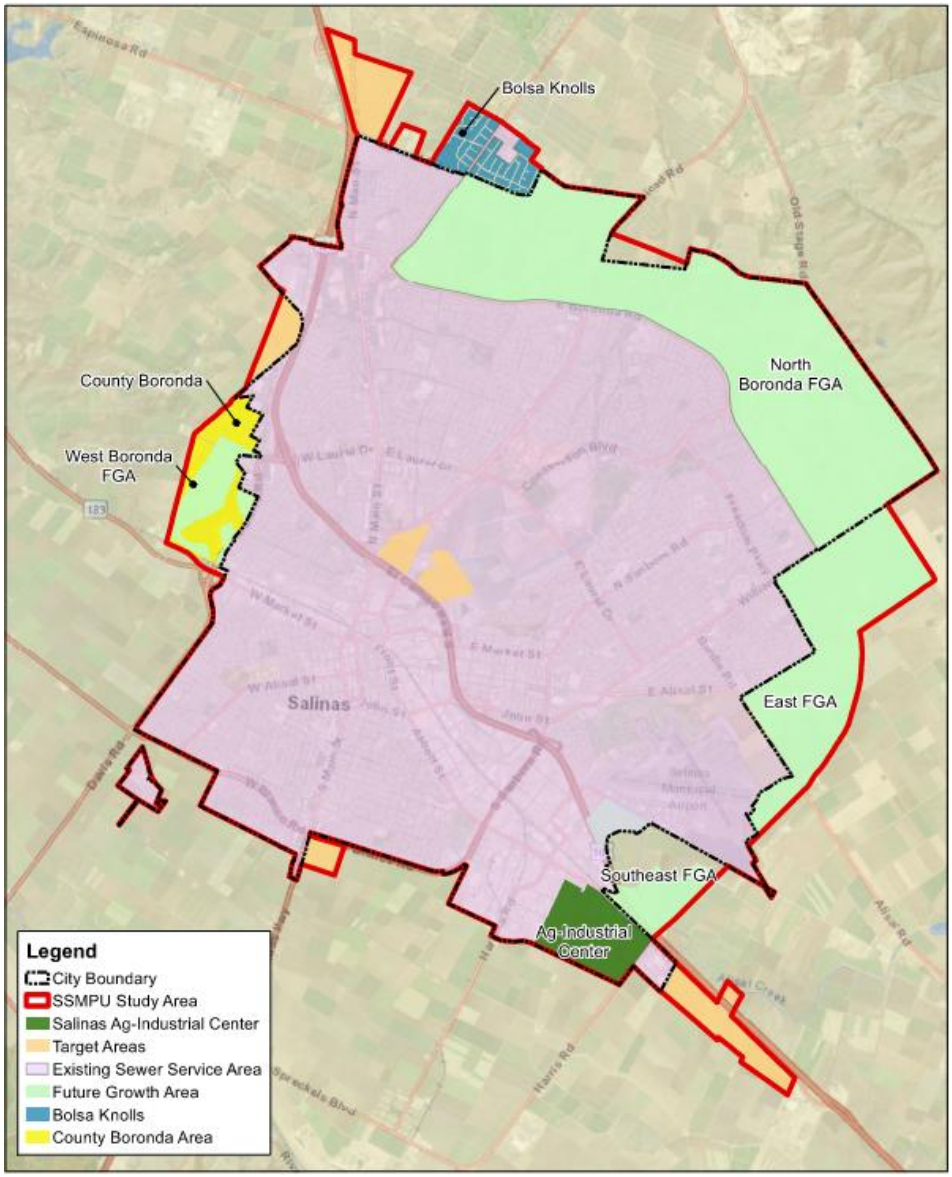
Pipe Diameter (Inches)	Length (Miles)	Percent of Sewer System
Unknown	27.5	9.6%
6”	61.3	21.4%
8”	124.0	43.2%
10”	19.9	6.9%
12”	14.2	5.0%
15”	10.1	3.5%
18”	9.2	3.2%
21”	4.4	1.5%
24”	3.8	1.3%
27”	2.6	0.9%
30”	2.6	0.9%
33”	1.2	0.4%
36”	0.5	0.2%
42”	1.8	0.6%
48”	1.2	0.4%
54”	2.4	0.9%
TOTAL	**286.7**	**100%**

The City serves a population of approximately 159,506 people[1]. Sewer system customers are broken down as follows:

Type of Connection	% of Total Connections
Residential	37.7%
Commercial	55.8%
Industrial	6.5%
Total	**100%**

A general overview showing the service area boundaries is provided below.

[1] United States Census Bureau, Population Estimate 2023



Data management for the operations and maintenance of the sewer systems is provided utilizing the City Computerized Maintenance Program utilizing ArcGIS field mapping applications. The web-based application includes map updates, data storage and produces tasks for sewer inspections and maintenance.

Sewer laterals are owned, operated and maintained by individual property owners from the wye connection at the sewer main, back to each building. The City does not own or maintain any sewer laterals within the service area other than laterals on City owned property.

ELEMENT 2 - ORGANIZATION

The Organization Element of the SSMP identifies City of Salinas (City) staff that are responsible for the management and implementation of this SSMP. This Element identifies staff's responsibilities responding to sewer spill events, and meeting sewer spill reporting requirements. The Legally Responsible Officials (LRO) are designated below to meet SWRCB requirements for completing and certifying sewer spill reports in the California Integrated Water Quality System (CIWQS).

This SSMP Element outlines the City organization, SSMP responsibilities of personnel, authorized representatives, and chains of communication for sewer spill response and reporting.

2.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Attachment D 2 states:

The collection system agency's SSMP must identify:

a) The name of the Legally Responsible Official defined in this Order;

b) The position titles, telephone numbers, and email addresses for management, administrative, and maintenance positions responsible for implementing specific Sewer System Management Plan elements;

c) Organizational lines of authority; and

d) 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 agency, and State Office of Emergency Services.)

WDR Order No. 2022-0103-DWQ Section 5.1 states:

> The Enrollee shall designate a Legally Responsible Official that has authority to ensure the enrolled sanitary sewer system(s) complies with this Order and is authorized to serve as a duly authorized representative. The Legally Responsible Official must have responsibility over management of the Enrollee's entire sanitary sewer system and must be authorized to make managerial decisions that govern the operation of the sanitary sewer system, including having the explicit or implicit duty of making major capital improvement recommendations to ensure long-term environmental compliance. The Legally Responsible Official must have or have direct authority over individuals that:
>
> - Possess a recognized degree or certificate related to operations and maintenance of sanitary sewer systems, and/or
>
> - Have professional training and experience related to the management of sanitary sewer systems, demonstrated through extensive knowledge, training and experience.

2.2 Responsible and Authorized Representatives

The name of the authorized representatives described in WDR Section 5.1 above is listed in Table 2-1:

Table 2-1: City of Salinas Authorized Representatives

Name	Title	CIWQS SSO Database
Gary Gabriel	Wastewater Manager	Legally Responsible Official
Ray Lerma	Wastewater Crew Supervisor	Legally Responsible Official

2.3 SSMP Program Implementation

An organization table showing the lines of authority for the City is described below in Table 2-2 and updated City Organization Charts which show lines of authority can be found in **Appendix 2A & 2B**.

Table 2-2: City of Salinas Staff and Contract Staff with SSMP Responsibilities and Contact Information

Name and Title	SSMP Responsibilities	Contact Information
City Council Dennis Donohue *Mayor* Jose Luis Barajas *Councilmember* Tony Barrera *Councilmember* Margaret D'Arrigo *Councilmember* Gloria De La Rosa *Councilmember* Andrew Sandoval *Councilmember* Aurelio Salazar *Councilmember*	The City Council annually adopts a budget in which funding would be allocated for SSMP related tasks. The City Council is also responsible for considering and approving updates to the City's SSMP.	 mayor@ci.salinas.ca.us (831) 758-7201 District1@ci.salinas.ca.us (831) 758-7201 District2@ci.salinas.ca.us (831) 758-7201 District3@ci.salinas.ca.us (831) 758-7201 District4@ci.salinas.ca.us (831) 758-7201 District5@ci.salinas.ca.us (831) 758-7201 District6@ci.salinas.ca.us (831) 758-7201
Rene Mendez *City Manager*	The City Manager directs City Staff who manage all eleven (11) SSMP Elements.	Office: (831) 758-7465 renem@ci.salinas.ca.us
Christopher A. Callihan *City Attorney*	The City Attorney assists in the management of Element 3, Legal Authority.	Office: (831) 758-7418 chrisc@ci.salinas.ca.us
Gary Gabriel	The Wastewater Manager is responsible for the overall	Office: (831) 758-7103

Name and Title	SSMP Responsibilities	Contact Information
Wastewater Manager	management of the SSMP and specifically directs the implementation of: • Element 1 – Goal; • Element 2 – Organization; • Element 3 – Legal Authority; • Element 4 - Operation and Maintenance Program; • Element 5 – Design and Performance Provisions; • Element 6 – Spill Emergency Response Plan; • Element 7 – Pipe Blockage Control Program; • Element 8 – System Evaluation, Capacity Assurance and Capital Improvement Plan; • Element 9 – Monitoring, Measurement, and Program Modifications; • Element 10 – SSMP Audits; and • Element 11 – Communication Program The Wastewater Manager is assisted by Sewer System Operators to manage and implement these Elements.	garyg@ci.salinas.ca.us
David Jacobs, Public Works Director	The Public Works director is responsible for Element 5 Design and Performance Provisions and Element 8 System Evaluation, Capacity Assurance and Capital Improvement Plan to determine adequate design and performance measures are in place and that adequate hydraulic capacities are in place for City collection and conveyance systems.	Office: (831) 758-7390 davidj@ci.salinas.ca.us

2.4 Chain of Communication for Responding to Sewer Spills

Sewer Spill reports typically begin with a call from an observer to the City Office or 911 dispatchers.

City of Salinas

Business Hours: (831) 758-7233 7am - 3:30pm Monday through Friday, except Legal Holidays

After Hours: 911

During the process of responding to a sewer spill, the following actions are taken as outlined in Figure 3-1 and described below to verify the report and ensure the safety of the public:

1. During business hours, Wastewater Operators receive the call from an observer, the Police Department and/or the Fire Department and obtains the location of concern and a description of the problem. The name and phone number of the caller is requested and documented if not anonymous for follow-up information.

2. After hours, the Police Department and/or the Fire Department and the On-Call Staff proceeds to the location to verify the report.

3. If a sewer spill is verified, the On-Call Staff notifies the Wastewater Division Manager and directed to the described location. The Spill Emergency Response Plan (SERP) is initiated.

4. Operations staff will notify the CPO and Wastewater Manager both during and after business hours.

5. California Office of Emergency Services (CalOES) must be contacted within two (2) hours of a Category 1 or Category 2 Spill, when the Spill is over 1,000 gallons and reaches a drainage channel or surface water. The Central Coast Regional Water Quality Control Board (RWQCB) may also be notified as a courtesy or if warranted due t complications contacting OES.

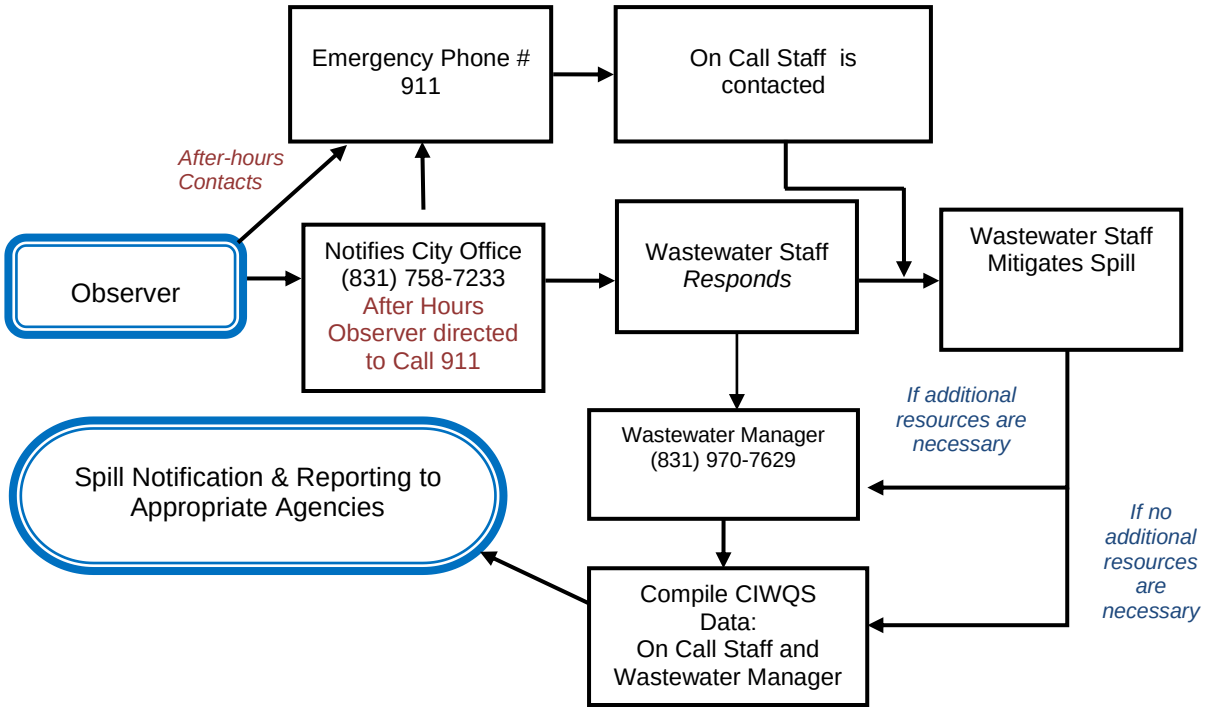


Figure 2-1: Sewer Spill Response Chain of Command

SSMP Element 6 – Spill Emergency Response Plan contains a chain of communication for reporting Spills for use in the field by the Operations Staff in Figure 6—1 which is the same as Figure 2-1 above.

Sewer Spill notification is outlined in the City's – Spill Emergency Response Plan. The contact information and notification requirements associated with notifying Cal OES and other applicable agencies, such as Monterey County Environmental Health Division, are included in that SSMP Element.

Upon completion of containment and clean-up, the Wastewater Manager initiates the Draft Sewer Spill Report in CIWQS.

ELEMENT 3 - LEGAL AUTHORITY

The City of Salinas (City) maintains the legal authority for the sanitary sewer system in the City Municipal Code sections listed below. These Codes are on file at the City Office and can also be located on the City Website:
https://library.municode.com/ca/salinas/codes/code_of_ordinances

3.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Attachment D 3 states:

The wastewater collection system agency 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:

(a). 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;

(b). 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;

(c). Require that sewer system components and connections be properly designed and constructed;

(d). Ensure access for maintenance, inspection, and/or repairs for portions of the service lateral owned and/or operated by the Enrollee;

(e). Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures; and

(f). Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.

3.2 SSMP Sanitary Sewer System Legal Authority [WDR D 3 (a) – (f)]

Table 3-1 below provides the mechanisms by which the City maintains the legal authorities required by the WDRs for public and private sewer systems. Theses Codes and Ordinances can be found in the following links:

- Monterey One Water (formally MRWPCA)
  http://montereyonewater.org/about_ordinances.html
- City of Salinas Codes
  https://library.municode.com/ca/salinas/codes/code_of_ordinances

Table 3-1: City Legal Authority References

WDR Requirement	City Code
D 3 (a) Prevent illicit discharges into its sanitary sewer system (examples may include Inflow & Infiltration (I/I), storm water, chemical dumping, unauthorized debris and cut roots, etc.).	City Municipal Code Chapter 36-12.2 Compliance with discharge requirements of Monterey One Water City Municipal Code Chapter 36-20.1. Disposal of hazardous and unacceptable waste City Municipal Code Chapter 36-20.4. Prohibition on storm drainage, ground water and unpolluted water City Municipal Code Chapter 36-21-1 Prohibitions on Industrial Discharges
D 3 (b) 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	The City owns and operates the sewer and storm drain systems and coordinates internally for spills that may threaten the City's storm drain system. The City monitors new infrastructure projects through plan checks and construction inspection to ensure cross connections do not occur between sewer and storm drain systems. The following Code sections restrict illegal/cross connections: • Sec. 29-9 General discharge prohibition—Illegal discharges • Sec 29-13 Illicit Connections
D 3 (c) Require that sewers and connections be properly designed and constructed;	City of Salinas Standard Specifications, Design Standards and Standard Plans 2008 Edition & Municipal Code Chapter 2, Article IX, Section 2-52: Compliance Required City Resolution No. 11648 for Installation of Sewer Laterals **https://www.cityofsalinas.org/Your-Government/Find-a-Department/Public-Works/PW-Maintenance-Services/Environmental-Maintenance-Services/Sanitary-Sewer-Maintenance**
D 3 (d) Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency;	The City does not own any portion of private sewer laterals in the service area however the following code give them access to sewer laterals: Chapter 36, Section 36-34 Inspection of Premises and Access to Records

WDR Requirement	City Code
D 3 (e) Enforce any violation of its sewer ordinances.	City Municipal Code Chapter 36 -12.2 Compliance with discharge requirements of MRWPCA. MRWPCA (Monterey One Water) Ordinance No. 2008-01 which establishes the regulation of wastewater.
D 3 (f) Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable	The City has the legal authority to develop easements as necessary for underground utilities. City Municipal Code Chapter 31 Subdivision Ordinance: Section 31-903.12 - Easements

ELEMENT 4 - OPERATION AND MAINTENANCE PROGRAM

The City of Salinas (City) provides sanitary sewer collection and conveyance services the City's sewer system. The City service area consists of approximately 286.7 miles of gravity pipelines, which vary in diameter from 6-inch to 54-inches, ten (10) City-owned lift stations, one (1) City-maintained lift station, and two (2) miles of force mains with two (2) air/vacuum relief valves. Approximately 70% of the City's collection system was constructed before 1980, with 41% of the system constructed between 1960-1979. The remaining 30% of the system was constructed from 1980 to present. Most of the existing collection system piping material is Vitrified Clay Pipe (VCP). The majority of day-to-day operations and maintenance activities are conducted by City Staff. This SSMP Element 4 outlines the work that is conducted to accomplish the optimal operation and maintenance of the City's collection system. Table 4.1 illustrates the current age of sewer lines in the system.

Table 4-1: Age of Sewer Lines

Sewer Line Age	Percent of Sewer System
1980 to Present	30%
1960 to 1979	41%
1900 to 1959	29%

A general overview of the City Sewer System is provided in Figure 4-1: Collection System Overview Map. Indexed pages to this map are located at City Wastewater Division Office, City Yard and in Service Trucks.

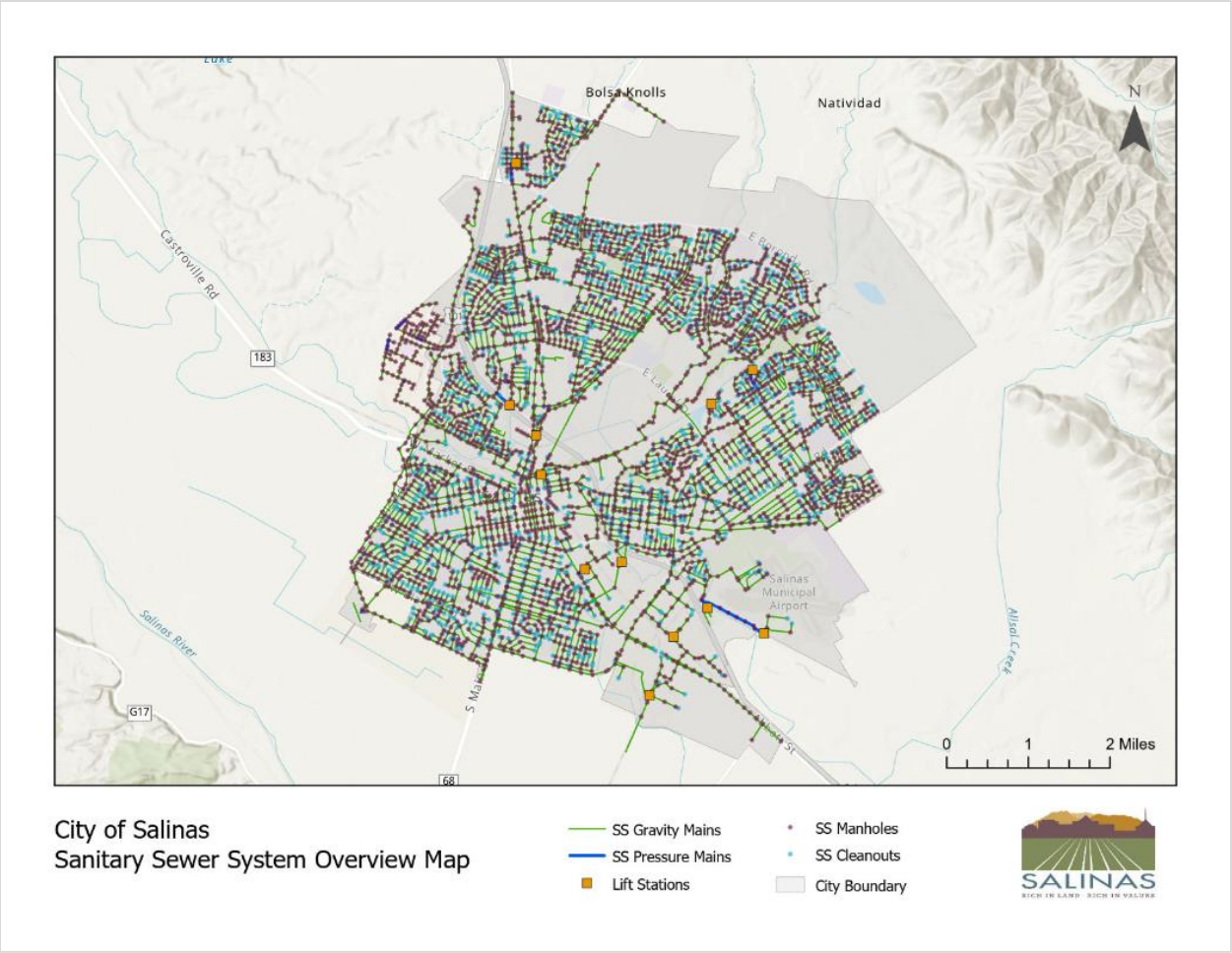


Figure 4-1: Collection System Overview Map

City owns and maintains ten (10) wastewater lift stations and maintains one (1) private wastewater lift station. Lift Stations are locations are identified in the Sewer Atlas Map maintained at the City Wastewater Division Office and illustrated on Figure 4-1.. A System overview for the entire City sewer system is included on the City website: **https://www.cityofsalinas.org/Your-Government/Departments/Public-Works/PW-Maintenance-Services/Environmental-Maintenance-Services/Sanitary-Sewer-Maintenance**.

4.1 Regulatory Requirements

Attachment D 4. states:

The SSMP must include those sections listed below that are appropriate and applicable to the Enrollee's system:

(a) 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.;

(b) A scheduling system and a data collection system for preventive operation and maintenance activities conducted by staff and contractors.
   a. The scheduling system must include:
      i. Inspection and maintenance activities;
      ii. Higher-frequency inspections and maintenance of known problem areas, including areas with tree root problems;
      iii. 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.

(c) In-house and external training provided on a regular basis for sanitary sewer system operations and maintenance staff and contractors. The training must cover:
   i. The requirements of this General Order;
   ii. The Enrollee's Spill Emergency Response Plan procedures and practice drills;
   iii. Skilled estimation of spill volume for field operators; and
   iv. Electronic CIWQS reporting procedures for staff submitting data.

(d) An inventory of sewer system equipment, including the identification of critical replacement and spare parts.

4.2 Collection System and Storm Water Maps

4.2.1 Sewer Collection and Conveyance

The City maintains maps, which are based on record drawings, and are prepared into Zone Atlas Maps. Zone Atlas maps identify sewer line; location, size, material and year of installation. Zone Atlas Maps are distributed to field crew and engineering staff to map out and track field activities.

Corrections for Zone Atlas Maps are noted and submitted to Engineering Staff. Engineering Staff maintains a "Master" Zone Atlas Map and will show corrections here. Updated hard-copy maps are re-distributed to maintenance staff and will display a date identifying the latest version of the Atlas Map. The City also maintains a GIS map layer of the sewer system.

The City's sewer system mapping and maintenance tracking is a collaborative effort by the City's Engineering and Transportation Division, Information Systems, GIS, and Environmental and Maintenance Services Division of Public Works. A GIS database/tracking system has been established to track maintenance of the sanitary sewer system. Existing municipal maintenance and sewer spill information is incorporated into the database/tracking system. The database includes completed maintenance work and a record of problem areas to facilitate maintenance planning and oversight.

A general overview of the sewer collection and conveyance system is shown in Figure 4-1.

The City Public Works Department maintains copies of all wastewater collection and conveyance plans upon completion of construction and acceptance by the City. A general overview map of the entire City sewer collection and conveyance system is included on the City website: **https://www.cityofsalinas.org/our-city-services/public-works**.

4.2.2 Storm Water Conveyance Map

The City owns and operates storm water conveyance facilities within the service area. Storm water maps are maintained at the City Wastewater Division Office as hard copy maps and as a GIS layer. This map can be printed as hard copy maps to be utilized by City maintenance staff in the event of a Sanitary Sewer Spill (Spill) to identify storm water inlets and outlets and isolate/capture wastewater that may enter the storm drain system. An overview map of the City MS4 System is available of the City website: **https://www.cityofsalinas.org/our-city-services/public-works**.

4.3 Preventative Maintenance Program

The City manages, schedules, and tracks preventative maintenance activities in their GIS based Computerized Maintenance and Management System (CMMS). The system covers the following:

- Sewer Line Cleaning
- High Priority Area Cleaning and Inspections
- Manhole Inspections and Maintenance
- Lift Station Inspection and Maintenance
- Customer Complaints
- Work Orders
- CCTV Inspections
- FOG Program Inspections
- Air Relief and Vacuum Relief Valve Inspections

Routine maintenance that requires follow up is flagged in the CMMS with a “Follow up Maintenance Needed” code in the system.

4.3.1. CCTV Inspection

The City conducts CCTV inspections utilizing two (2) methods:

1) City Staff conducts CCTV investigations on an ongoing basis as an investigative tool to identify problems identified in the field such as flow restriction, customer complaints, or as a result of line cleaning follow up investigations.
2) Contracted CCTV investigations are being conducted as part of a system-wide CCTV investigation which is anticipated to be completed in the next ten (10) years. Contracted CCTV work is conducted annually in different areas or basins within the City system as part of an ongoing condition assessment.

Contractor CCTV information will be one of the primary methods to identify sewer line rehabilitation and replacement projects in the future. Data will be evaluated on an ongoing basis to help develop City Capital Projects.

As CCTV investigations are complete they will be analyzed to; identify, rank and prioritize areas of the sewer system that require rehabilitation and replacement. A summary of these CCTV

investigations will be on file at the Wastewater Division office when completed. A decision tree informing CCTV reinspection after initial inspection is provided below in Figure 4-2:

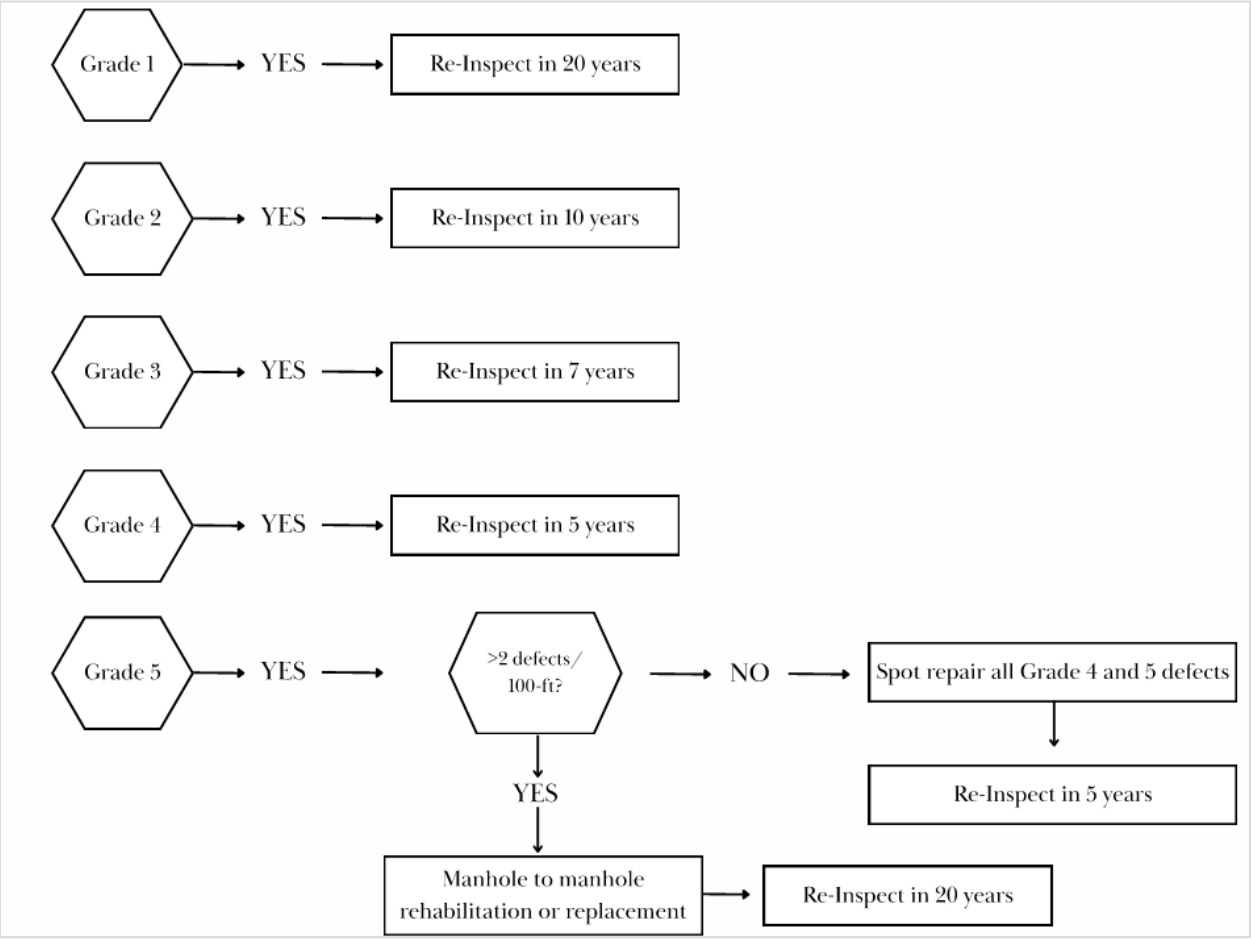


Figure 4-2 CCTV Grades above based on NASSCO defect ranking codes

4.3.2 Line Cleaning

The City implements a seven (7) year schedule to clean the entire system. Staff is dedicated to cleaning the system 2 days per week and documents line cleaning conditions on a Routine Sewer Line Cleaning and Manhole Inspection form.

The City evaluates the frequency at which the entire system is cleaned based on the results of sewer line cleaning logs, sewer spill history and the results of CCTV data. Changes in sewer line cleaning and prioritization of sewer repairs based on sewer line cleaning observations follow the following protocol in Figure 4-3 belowl:

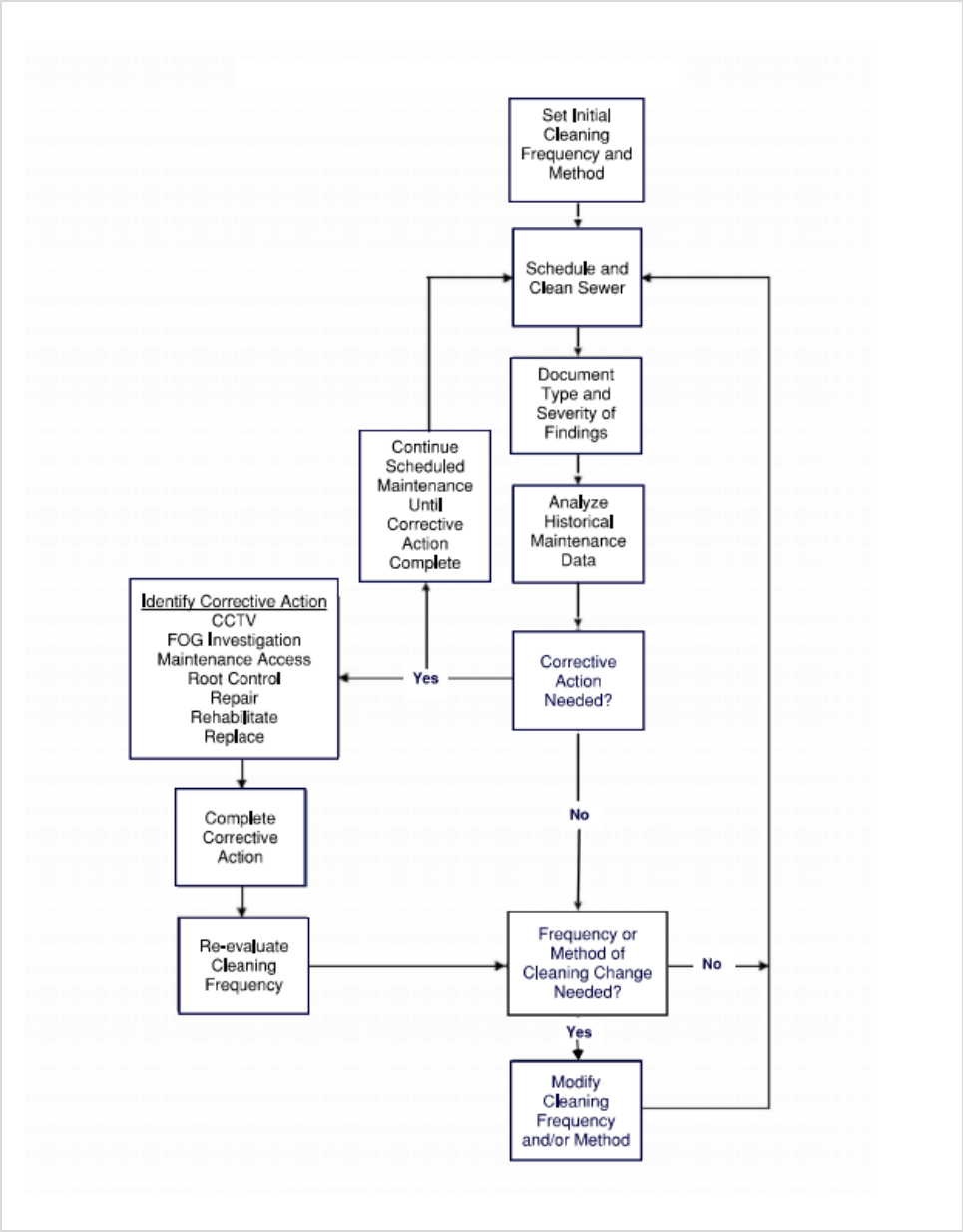


Figure 4-3: Sewer Line Cleaning Flow Chart

4.3.3 Manhole Inspection

City manholes are inspected in conjunction with routine sewer line cleaning activities and as part of the High Priority List inspections. The City utilizes the Manhole Inspection Form for routine documentation of manhole conditions. When significant issues are observed during these routine manhole inspections, a more detailed inspection and assessment is conducted by maintenance staff. Relevant information from these sheets is maintained in the City CMMS for consideration in future rehabilitation and/or CIP.

4.3.4 High Priority Areas

The Departments goal is to service high priority problem areas 3 days of each week. The City's Wastewater Supervisor maintains "high priority" lists of problem areas needing additional maintenance and cleaning. This list, developed over several years, identifies problem locations for blockages that may potentially lead to overflows. This list was developed and is based on the required frequency of maintenance to avoid blockages. Currently, monthly and quarterly high priority maintenance lists are maintained. These lists are based on sewer spill data and staff field observations. These lists have been effective to minimize sanitary sewer spills. The locations on both lists are grouped by area – East Salinas, West Salinas, North Salinas and South Salinas. The current lists provided are for example purposes only as they are dynamic and revised as needed. The lists show specific locations to be serviced, and the length of pipe. These documents are maintained at the Wastewater Division office. The current High Priority Lists are provided in **Appendix 4A**.

4.3.5 Lift Station Operation and Maintenance

As previously mentioned in the introduction to this SSMP Element, the City operates ten (10) City-owned lift stations, and one (1) City maintained lift station within the City service area. Stations are provided with duplex and triplex pumping systems depending on the size of the station for redundancy and reliability. This redundant system allows for continued operation of a lift station in the event of pump failure. Several of the City's lift stations have backup generator power. In addition, the City maintains 5 portable (towable) diesel powered generators to provide emergency power to those stations not equipped with permanent on-site electrical generators. This gives effective coverage of all sanitary lift stations and reduces the potential for overflows during power outages. To ensure redundancy in the system, City lift stations are equipped with receptacles for mobile generator hookups in the unlikely event of a permanent generator failure. Stations are monitored remotely through a SCADA system which contacts "on-call" staff in the event of an emergency. Operational parameters and alarms for each station can be adjusted manually as necessary. Technical Information for these lift stations is included in the City's Lift Station Spill Emergency Response Plans on file at the City's Wastewater Division office.

The four (4) highest flow sewer lift stations (Carpenter Hall, Lake Street, Santa Rita, and TP2) are inspected daily. All other sewer lift stations are inspected weekly. The City has a pump maintenance mechanic logbook to identify maintenance activity at the sewer lift stations and also keeps records on a laptop for use in the field. Routine maintenance includes but is not limited to:

- inspection of electrical panels,
- pump and level controls,
- air compressors,
- wet well and dry well conditions, and
- pump motor operation.

Site visits for maintenance activities are logged in the Lift Station Log kept on file at the City's Wastewater Division office. In the absence of the pump mechanic other maintenance personnel are cross trained to address any lift station problems.

Air relief valves, vacuum relief valves and bridge and aerial crossings of gravity and force main lines are visually inspected on a quarterly basis. The findings of these inspections and any necessary preventive maintenance are logged in the CMMS system.

Table 4-2 lists City-owned and private lift stations that discharge to the City collection and conveyance system.

Table 4-2 Lift Stations

City Owned or Operated Lift Stations			
Airport (Moffett)	De La Torre	Lake Street	Mill Lake
Carpenter Hall	Harkins Road	Las Casitas	Santa Rita
Spicer		TP2	
Private Lift Stations Discharging to City			
Salinas Adult School	11 Harris Place	1121 Alamo Way	Sherwood Hall
150 Sherwood Drive	Natividad Hospital	58 Natividad Road	Northridge Mall
Oregon & Sanborn Street		115 San Juan Grade Road	

Figure 4-2 identifies the locations of City and Private lift stations.

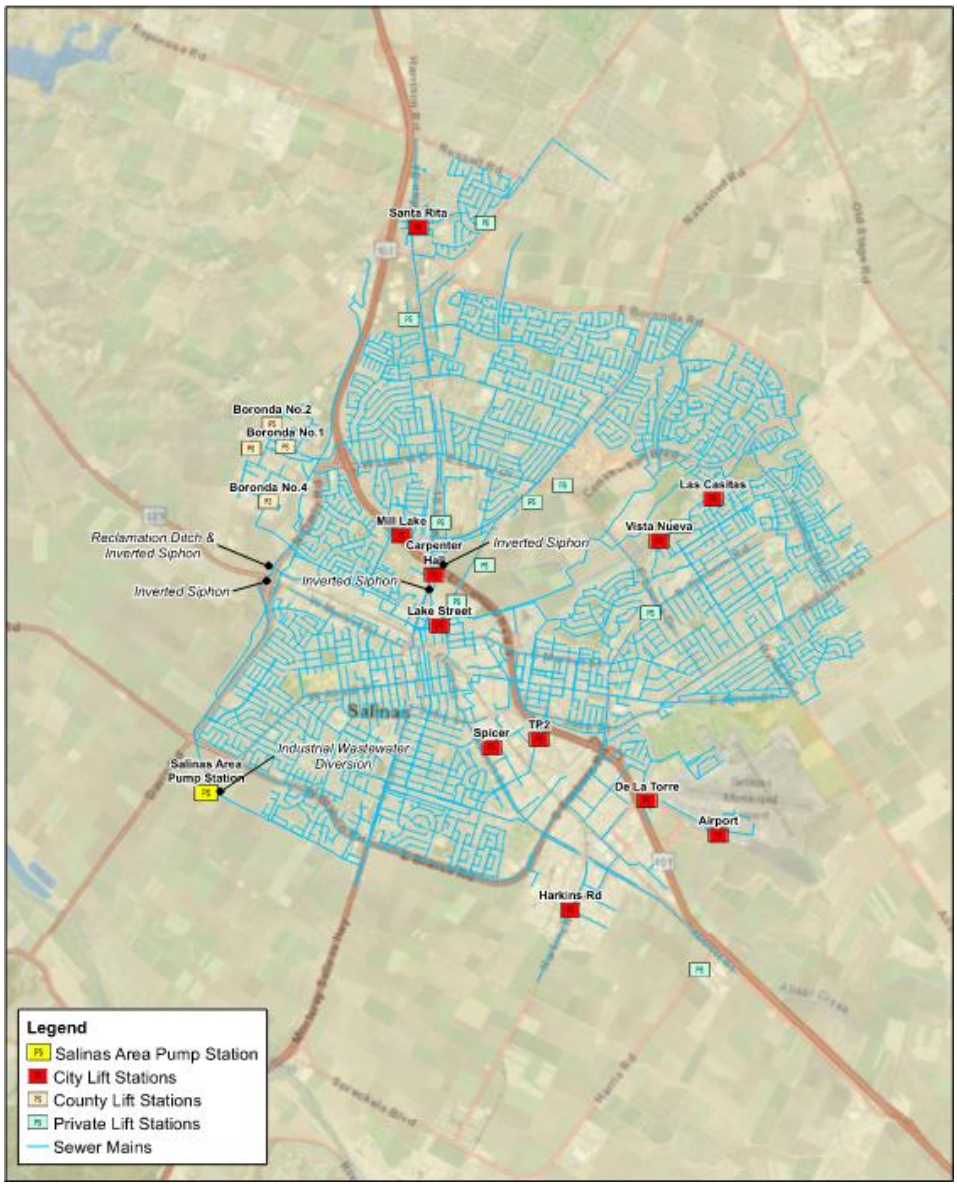


Figure 4-2 Lift Station Locations

A summary of all City owned or maintained lift station and force main attributes is located in **Appendix 4B**.

4.3.6 Customer Requests/Complaints

The City utilizes Q-Alert reporting system a work order (Daily Sanitary Sewer Work Order) to document customer requests and complaints and to address routine work requests within the system. Staff investigates and completes associated sewer related tasks as appropriate and generates a work order based on the nature of the investigation. Completed Q-Alerts are electronically stored in a Q-Alert database. If staff investigations result in significant discoveries in the field (E.g. sewer line restriction or spill) relevant data is reported to the Wastewater Division Manager for follow-up.

4.4 Training

Training programs include formal classroom, tailgate training and on-the-job training. Training is facilitated by both City staff and outside training workshops. On-the-job cross training is pursued to ensure staff has a proficient working knowledge of the sanitary sewer system and that critical tasks can be performed without interruption. Task proficiency is a requirement for all job positions and promotions. Operations and Maintenance (O&M) related training is conducted on an ongoing and as needed basis. O&M staff are initially trained in the proper operation and maintenance of all major new mobile equipment and facilities by the respective contractor or manufacturer. Written operation and maintenance manuals are used as resource material for equipment start-up training and new staff training. In addition to these resource materials, the City has developed the following Operations and Maintenance Standard Operating Procedures applicable to the wastewater collection and conveyance system:

- SOP -01 Annual Collection System Cleaning
- SOP-02 Sewer Line Cleaning & Safety Guides for Vac-Con Truck
- SOP-03 Lift Stations
- SOP-08 Vac-Con 692 Hydro Truck
- SOP-11 Confined Space Written Program
- SOP-13 Generator Operation
- WATCH Traffic Control Manual

The City also conducts regular training in the following areas:

- The requirements of General Order WQ 2022-0103-DWQ;
- Spill Emergency Response Plan procedures and practice drills;
- Estimation of spill volume and spill response/mitigation; and
- Electronic CIWQS reporting procedures for staff submitting data.

Training records are maintained by the Wastewater Division Manager at the Public Works Office.

4.5 Equipment and Replacement Parts Inventory

Equipment and replacement parts inventories are provided as discussed below.

4.5.1 Critical Parts and Equipment

The City maintains an inventory of critical parts and equipment which are utilized for both routine and emergency operations. A critical parts and equipment list is maintained in the office of the Wastewater Division Manager. In the event of an emergency, local retailers and contractors are available to supply additional equipment and parts on short notice.

ELEMENT 5 - DESIGN AND PERFORMANCE PROVISIONS

The standards and specifications for new construction and repair of the existing sanitary sewer system described in this SSMP Element are utilized to ensure a high quality, well designed, and functioning sanitary sewer system.

5.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Section D 5 states that the SSMP must identify:

(a) 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), the procedures must include component-specific evaluation of the design criteria.;

(b) Procedures, and standards for the inspection and testing of newly constructed, newly installed, repaired, and rehabilitated system pipelines, pumps, and other equipment and appurtenances

5.2 Design and Construction Standards and Specifications

In 2008, the City adopted Standard Specifications, Design Standards and Standard Plans for sewer mains to provide minimum standards for the design, methods of construction, kinds and uses of materials, and the preparation of plans for construction, sewerage, road repair and facilities within the City service area.

Where any portion of such improvement is to be offered to the City for operation and/or maintenance, 2008 Design Standards include:

- Part I Standard Specifications, Section 71 Sewers
  This section cover provides requirements for:
  - acceptable materials,
  - acceptable conditions for installation,
  - repairs,
  - fittings & joints,
  - installation requirements,
  - field inspection,
  - field testing requirements,
  - acceptable sizing for pipelines and manholes
  - Lift Stations (Pumping Plant Equipment) are referenced in Section 74 and identified as utilizing State Standard Specifications. Staff reports that Lift Stations are designed by Licensed Professional Engineers to meet existing conditions in the field.

- Part II: Sanitary Sewer Design

- A. Design: provides direction on acceptable peak flow rates and slopes
- B. Depth of Sewers: provides direction on acceptable sewer depths for mains and laterals
- C. Connections to Sewers: provides direction on acceptable wye connections to sewer mains.

- Part III: Standard Plans
  - Standard Plan 16: Trench Backfill and Surface Restoration
  - Standard Plan 25: Type A & Type B Manholes
  - Standard Plan 26: Type C Manhole (Shallow Type)
  - Standard Plan 27: Manhole Frame and Cover
  - Standard Plan 28: Manhole Frame and Cover Adjustment
  - Standard Plan 29: Sewer Saddle Connection
  - Standard Plan 30: Flushing Inlet Frame and Cover Flushing Inlet
  - Standard Plan 31: Flushing Inlet
  - Standard Plan 32: Sewer Lateral (VCP)

All work must be completed based on the above standards. Any alterations to this must be approved by the City Engineer.

The City 2008 Standard Specifications, Design Standards, and Standard Plans are located on the City Website: **https://www.cityofsalinas.org/Your-Government/Departments/Public-Works/Development-Engineering**

A hard copy of City Standard Specifications, Design Standards, and Standard Plans is also on file at City offices.

5.3 Inspection and Testing Procedures and Standards

Procedures and standards for the acceptance testing and inspection of new and repaired sewer mains are specified in:

- Part I Standard Specifications, Section 71 Sewers
  This section cover provides requirements for:
  - acceptable materials,
  - acceptable conditions for installation,
  - repairs,
  - fittings & joints,
  - installation requirements,
  - field inspection,
  - field testing requirements,
  - acceptable sizing for pipelines and manholes

ELEMENT 6 - SPILL EMERGENCY RESPONSE PLAN

Sanitary Sewer Spills (Spills can occur due to unforeseen accidents, unusual equipment failures, or other events not controllable by the City. A Spill Emergency Response Plan is maintained by the City Wastewater Division for City maintenance personnel to use as guidance in responding to Spills. The Spill Emergency Response Plan defines procedures to:

- protect public health and the environment
- comply with local, state, and federal regulatory agency requirements
- protect City personnel, the wastewater collection system, and private and public properties

The Spill Emergency Response Plan (SERP) is summarized in this SSMP Element. The City has developed a comprehensive Spill Emergency Response Plan to address emergency response and follow activities for Spills experienced in the City's collection and conveyance system located in on the City's website: **https://www.cityofsalinas.org/Your-Government/Find-a-Department/Public-Works/PW-Maintenance-Services/Environmental-Maintenance-Services/Sanitary-Sewer-Maintenance**. The City also maintains a separate Emergency Response Plans for the individual lift stations. These response plans are kept on file at the City Wastewater Division Office.. These documents are the primary references for staff to use during all Spills.

6.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Attachment D 6 states:

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:

a) Notify primary responders, appropriate local officials, and appropriate regulatory agencies of a spill in a timely manner;

b) 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;

c) Comply with the notification, monitoring and reporting requirements of this General Order, State law and regulations, and applicable Regional Water Board Orders;

d) Ensure that appropriate staff and contractors implement the Spill Emergency Response Plan and are appropriately trained;

e) Address emergency system operations, traffic control and other necessary response activities;

f) Contain a spill and prevent/minimize discharge to waters of the State or any drainage conveyance system;

g) Minimize and remediate public health impacts and adverse impacts on beneficial uses of waters of the State;

h) Remove sewage from the drainage conveyance system;

i) Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters;

j) Implement technologies, practices, equipment, and interagency coordination to expedite spill containment and recovery;

k) Implement pre-planned coordination and collaboration with storm drain agencies and other utility agencies/departments prior, during, and after a spill event;

l) Conduct post-spill assessments of spill response activities;

m) Document and report spill events as required in this General Order; and

n) Annually, review and assess effectiveness of the Spill Emergency Response Plan, and update the Plan as needed.

6.2 Initial Spill Notification Procedures

If a member from the public witnesses a Spill, they contact City on call staff by way of the City office at (831) 758-7233 during normal business hours. Calls to the City after hours or on weekends and holidays are directed to the 911 and County Dispatch which contacts staff responsible for “on-call” duty.

6.2.1 The City Staff as the First Responder

If City staff are contacted during normal business hours Monday through Friday, excluding legal holidays, administrative staff at the City office, calls the Wastewater Crew Supervisor or the next available Wastewater Staff to investigate the situation utilizing the contact information found in the SERP. If City staff need assistance responding to the Spill, the first responder calls additional senior wastewater staff utilizing the contact information found in Table 6-1.

Table 6-1: Maintenance Staff Contact Information

Title	Contact	Number
Wastewater Division Manager	Gary Gabriel	(831) 970-7629
Maintenance Staff / On Call Responder	On Call Phone	(831) 970-7634
	Ray Lerma (Wastewater Crew Supervisor)	(831) 970-8287
	Matthew Bates (Wastewater Crew Supervisor)	(831) 737-3010
	Albert Aries	(831) 208-4862
	Robert Reyna	(831) 970-7621

If City staff are contacted ***after normal business hours***, on a holiday, or during the weekend, on-call maintenance staff are contacted by dialing the City office or 911. The call will be routed to County Dispatch who contacts the City on-call phone, and staff respond accordingly.

After normal operating hours, one member of the Wastewater staff is on-call as a primary on-call wastewater emergency responder.

Figure 6-1 illustrates the chain of command, which must be observed and followed when a Spill occurs.

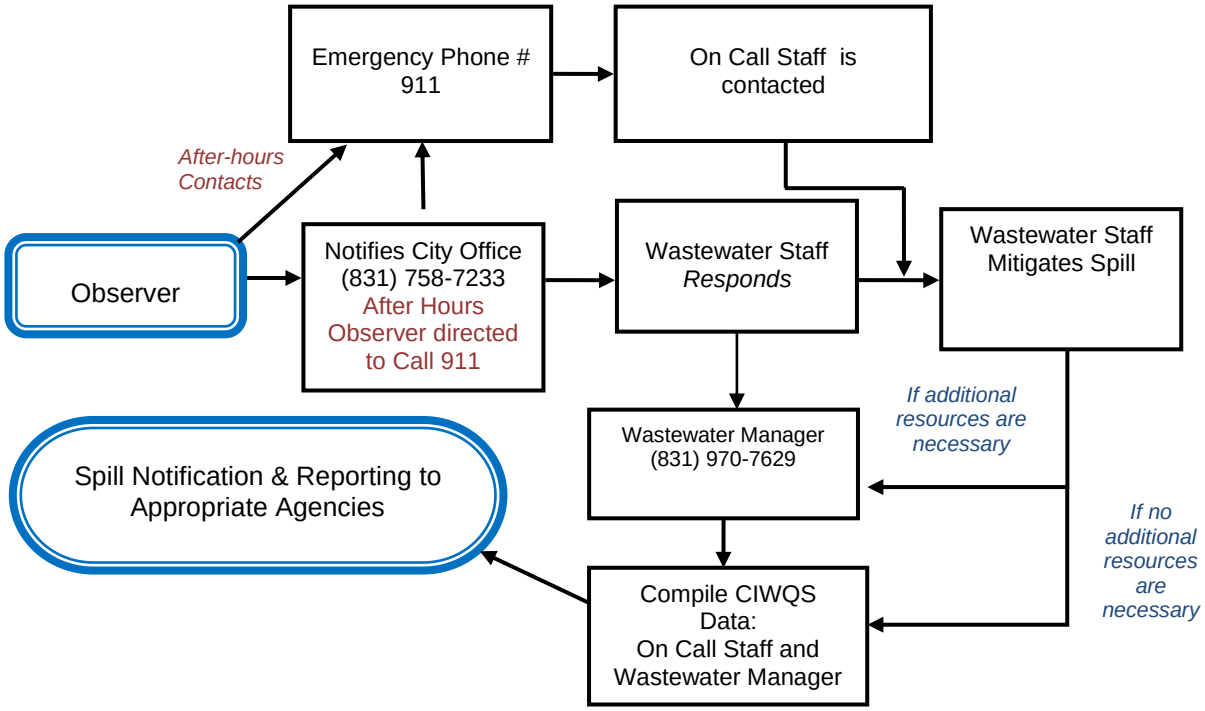


Figure 6-1: Spill Response Chain of Command

6.3 Spill Response Program

The City SERP documents provide a comprehensive Emergency Response Program consisting of the following:

- Spill Detection and Notification
- Spill Response Procedures
- Spill Recovery and Cleanup
- Water Quality Monitoring/Sampling
- Private Property Spill Response Procedures
- Notification, Reporting and Record Keeping Requirements
- Post Spill Debriefing
- Failure Analysis Investigation

- Spill Response Training (training records maintained at City office)
- Spill Response Workbook
- Lift Station Emergency Response Procedures

6.4 Spill Notification and Reporting Procedures

This section of the SERP ensures proper notification and reporting of Spills, which occur in the City's sanitary sewer system, to protect public and environmental health.

An overview of the notification and reporting process is listed in Table 6-1. This overview is not inclusive of all the notification and reporting requirements and procedures. The following section of this SSMP Element correspond to each Spill category for notifications and reporting that must be referenced and followed.

Spill Category 1: Spills to Surface Waters and/or SW Conveyance System		
Spill Requirement	**Schedule**	**Method**
Notification	**Within two (2) hours** of the Enrollee's knowledge of a Category 1 spill of 1,000 gallons or greater, discharging or threatening to discharge to surface waters: Notify the California Office of Emergency Services and obtain a notification control number.	California Office of Emergency Services at: (800) 852-7550
Reporting	• Submit Draft Spill Report **within three (3) business days** of the Enrollee's knowledge of the spill; • Submit Certified Spill Report **within 15 calendar days** of the spill end date; • Submit Technical Report **within 45 calendar days** after the spill end date for a Category 1 spill in which **50,000 gallons or greater** discharged to surface waters; and • Submit Amended Spill Report within **90 calendar days** after the spill end date.	CIWQS
Spill Category 2: Spills of 1,000 Gallons of Greater That Do Not Discharge to Surface Waters		
Spill Requirement	**Schedule**	**Method**
Notification	**Within two (2) hours** of the Enrollee's knowledge of a Category 2 spill of 1,000 gallons or greater, discharging or threatening to discharge to waters of the State: Notify California Office of Emergency Services and obtain a notification control number.	California Office of Emergency Services at: (800) 852-7550
Reporting	• Submit Draft Spill Report **within three (3) business days** of the Enrollee's knowledge of the spill; • Submit Certified Spill Report **within 15 calendar days** of the spill end date; and • Submit Amended Spill Report **within 90 calendar days** after the spill end date.	CIWQS

Spill Category 3: Spills of Equal or Greater than 50 Gallons and Less than 1,000 Gallons That Does Not Discharge to Surface Waters		
Spill Requirement	**Schedule**	**Method**
Notification	Not Applicable	Not Applicable
Reporting	• Submit monthly Certified Spill Report to the online CIWQS Sanitary Sewer System Database within **30 calendars days** after the end of the month in which the spills occur; and • Submit Amended Spill Reports **within 90 calendar days** after the Certified Spill Report due date.	CIWQS
Spill Category 4: Spills Less Than 50 Gallons That Do Not Discharge to Surface Waters		
Spill Requirement	**Schedule**	**Method**
Notification	Not Applicable	Not Applicable
Reporting	• If, during any calendar month, Category 4 spills occur, certify monthly, the estimated total spill volume exiting the sanitary sewer system, and the total number of all Category 4 spills into the online CIWQS Sanitary Sewer System Database, within 30 days after the end of the calendar month in which the spills occurred. • Upload and certify a report, in an acceptable digital format, of all Category 4 spills to the online CIWQS Sanitary Sewer System Database, by February 1st after the end of the calendar year in which the spills occur.	CIWQS

Enrollee Owned and/or Operated Lateral Spills That Do Not Discharge to Surface Waters		
Spill Requirement	**Schedule**	**Method**
Notification	**Within two (2) hours** of the Enrollee's knowledge of a spill of 1,000 gallons or greater, from an enrollee- owned and/or operated lateral, discharging or threatening to discharge to waters of the State: Notify California Office of Emergency Services and obtain a notification control number. Not applicable to a spill of less than 1,000 gallons.	California Office of Emergency Services at: (800) 852-7550
Reporting	• Upload and certify a report, in an acceptable digital format, of all lateral spills (that do not discharge to a surface water) to the online CIWQS Sanitary Sewer System Database, by February 1st after the end of the calendar year in which the spills occur. • Report a lateral spill of any volume that discharges to a surface water as a Category 1 spill.	CIWQS

Table 6-1: Spill Notification and Reporting Overview

6.4.1 Spill Notification Procedure

Spill notification procedures vary based on whether the Spill is classified as a Category 1, Category 2, Category 3, Category 4 or Enrollee Owned Lateral and are included in the SERP: Spill Notification section.

Notification of Spills of 1,000 Gallons or Greater to the California Office of Emergency Services

Per Water Code section 13271, for a spill that discharges in or on any waters of the State, or discharges or is deposited where it is, or probably will be, discharged in or on any waters of the State, the City shall notify the California Office of Emergency Services and obtain a California Office of Emergency Services Control Number as soon as possible **but no later than two (2) hours** after:

- The City has knowledge of the spill; and
- Notification can be provided without substantially impeding cleanup or other emergency measures.

The notification requirements in this section apply to individual spills of 1,000 gallons or greater, from an Enrollee-owned and/or operated laterals, to a water of the State.

Spill Notification Information

The Enrollee shall provide the following spill information to the California Office of Emergency Services before receiving a Control Number, as applicable:

- Name and phone number of the person notifying the California Office of Emergency Services;
- Estimated spill volume (gallons);
- Estimated spill rate from the system (gallons per minute);
- Estimated discharge rate (gallons per minute) directly into waters of the State or indirectly into a drainage conveyance system;
- Spill incident description:
    - Brief narrative of the spill event, and
    - Spill incident location (address, city, and zip code) and closest cross streets and/or landmarks;
- Name and phone number of contact person on-scene;
- Date and time the Enrollee was informed of the spill event;
- Name of sanitary sewer system causing the spill;
- Spill cause or suspected cause (if known);
- Amount of spill contained;
- Name of receiving water body receiving or potentially receiving discharge; and
- Description of water body impact and/ or potential impact to beneficial uses.

Notification of Spill Report Updates

Following the initial notification to the California Office of Emergency Services and until such time that the Enrollee certifies the spill report in the online CIWQS Sanitary Sewer System Database, the Enrollee shall provide updates to the California Office of Emergency Services regarding substantial changes to:

- Estimated spill volume (increase or decrease in gallons initially estimated);
- Estimated discharge volume discharged directly into waters of the State or indirectly into a drainage conveyance system (increase or decrease in gallons initially estimated); and
- Additional impact(s) to the receiving water(s) and beneficial uses.

6.4.1.1 **Category 1 Spills** (Spills to Surface Waters)

Within **two (2) hours** of the City's knowledge of a Category 1 spill of 1,000 gallons or greater, discharging or threatening to discharge to surface waters:

- Notify the California Office of Emergency Services and obtain a notification control number.

Table 6-2: Regulatory Agency Notification Information for a Spill to Surface Water

Regulatory Agency Contacts

California Office of Emergency Services (Cal OES)	Within two (2) hours of the City's knowledge of a Category 1 spill of 1,000 gallons or greater, discharging or threatening to discharge to surface waters notify the California Office of Emergency Services and obtain a notification control number at (800) 852-7550.
Regional Water Quality Control Board (RWQCB)	***Optional*** – If spill is over 1,000 gallons, reaches waterway, or occurred in area with likely public contact, call (805) 549-3147.
Monterey County Environmental Health	***Optional***- If spill reaches waterway, call (800) 253-2687. Give the spill information.
California Department of Fish and Wildlife	***Optional*** -If spill reaches waterway, call State office (831) 649-2870.

6.4.1.2 **Category 2 Spills**

(Spills of 1,000 Gallons or Greater That Do Not Discharge to Surface Waters)

Within **two (2) hours** of the City's knowledge of a Category 2 spill of 1,000 gallons or greater, discharging or threatening to discharge to waters of the State:

- Notify California Office of Emergency Services and obtain a notification control number.

6.4.1.3 **Category 3 Spills**

(Spills of Equal or Greater than 50 Gallons and Less than 1,000 Gallons That Does Not Discharge to Surface Waters)

- Not Applicable

6.4.1.4 **Category 4 Spills**

(Spills Less Than 50 Gallons That Do Not Discharge to Surface Waters)

- Not Applicable

6.4.1.5 **Enrollee Owned and or Operated Lateral Spills that do not Discharge to Surface Waters**

Within two (2) hours of the City's knowledge of a spill of 1,000 gallons or greater, from an enrollee- owned and/or operated lateral, discharging or threatening to discharge to waters of the State:

- Notify California Office of Emergency Services and obtain a notification control number.
- Not applicable to a spill of less than 1,000 gallons.

6.4.2 Spill Reporting Procedure

Spill reporting procedures vary based on whether the Spill is classified as Category 1, Category 2, Category 3, Category 4 or City Owned Lateral. A full description of Spill reporting requirements is found in the City SERP.

Category 1 Spills

- Submit Draft Spill Report within three (3) business days of the City's knowledge of the spill;
- Submit Certified Spill Report within 15 calendar days of the spill end date;
- Submit Technical Report within 45 calendar days after the spill end date for a Category 1 spill in which 50,000 gallons or greater discharged to surface waters; and
- Submit Amended Spill Report within 90 calendar days after the spill end date.
  Spill Technical Report

Category 2 Spills

- Submit Draft Spill Report within **three (3) business days** of the City's knowledge of the spill;
- Submit Certified Spill Report within **15 calendar days** of the spill end date; and
- Submit Amended Spill Report within **90 calendar days** after the spill end date.

Category 3 Spills

- Submit monthly Certified Spill Report to the online CIWQS Sanitary Sewer System Database within **30 calendars days** after the end of the month in which the spills occur; and
- Submit Amended Spill Reports **within 90 calendar days** after the Certified Spill Report due date.

Category 4 Spills

- If, during any calendar month, Category 4 spills occur, certify monthly, the estimated total spill volume exiting the sanitary sewer system, and the total number of all Category 4 spills into the online CIWQS Sanitary Sewer System Database, within **30 days** after the end of the calendar month in which the spills occurred.

- Upload and certify a report, in an acceptable digital format, of all Category 4 spills to the online CIWQS Sanitary Sewer System Database, by **February 1st** after the end of the calendar year in which the spills occur.

Enrollee Owned and/or Operated Lateral Spills That Do Not Discharge to Surface Waters

- Upload and certify a report, in an acceptable digital format, of all lateral spills (that do not discharge to a surface water) to the online CIWQS Sanitary Sewer System Database, by **February 1st** after the end of the calendar year in which the spills occur.
- Report a lateral spill of any volume that discharges to a surface water as a Category 1 spill.

6.5 SERP Training

The City implements a formal training program which includes annual training of City staff on this SSMP Element and SERP. The City also requires contractor personnel to train on and follow SERP through their contracts. The City maintains a log of SERP Training as training is completed.

6.6 Spill Impact Mitigation Program

The Spill Mitigation Program is comprised of the mitigation practices contained in the SERP, which is on file at the City Department of Public Works Wastewater Division Office.

The SERP includes Water Quality Monitoring, Beneficial Uses Identification and Spill Impact Mitigation section providing information to post water body warning and closure signs in the event that a spill reaches a surface water, and City Department of Public Works conducts water quality sampling for the spill impact assessment.

6.7 Spill Coordination with Stormwater Management Agencies and Public Water Systems

City Stormwater Compliance Division of Public Works manages the MS4 Stormwater Program which includes the entire City service area. Maps of the stormwater collection and conveyance system are available to City staff which allows them to isolate any areas impacted by a sewer spill, recover wastewater and return it to the sewer system. Municipal water system contacts are identified for notification of spills that may occur within 1000 ft of a surface water intake in the City SERP.

6.8 Post Spill Investigations

The City conducts Post Spill Investigations for Category 1, 2, and 3 spills as warranted.

ELEMENT 7 – PIPE BLOCKAGE CONTROL PROGRAM

The City of Salinas has identified a significant number of commercial facilities that contribute fats, oils and grease (FOG) into the City's sewer system. FOG has been a contributing factor in sanitary sewer spills and requires the City to conduct additional maintenance. Roots and disposable wipes have also been identified as pipe blocking sources.

7.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Attachment D 7 states:

> 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:
>
> (a). An implementation plan and schedule for a public education outreach program that promotes proper disposal of pipe blocking substances;
>
> (b). A plan and schedule for the disposal of FOG 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 FOG generated within a sanitary sewer system service area;
>
> (c). The legal authority to prohibit discharges to the system and identify measures to prevent spills and blockages;
>
> (d). Requirements to install grease removal devices (such as traps or interceptors) and the development of design standards for such devices, maintenance requirements, BMP requirements, record keeping and reporting requirements;
>
> (e). Authority to inspect grease producing facilities, enforcement authorities, and whether the City has sufficient staff to inspect and enforce the FOG ordinance;
>
> (f). An identification of sewer system sections subject to FOG blockages and establishment of a cleaning maintenance 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

7.2 Pipe Blockage Control Program Public Education and Outreach

The City of Salinas currently has approximately 286.7.25 miles of sanitary sewer pipelines. The service area includes a variety of residential, commercial and industrial facilities. The focus of an effective Pipe Blockage Control Program includes residential customers, commercial and industrial facilities and commercial and industrial food service/preparation facilities.

The City participates in the Southern Monterey Bay Dischargers Group (Group) partnering with Monterey One Water and other local agencies on a Pipe Blockage Control Program and continued participation in an effective public outreach program. The City of Salinas continues to utilize the Group to assist in developing a regional public education program for users of the system for the purpose of reducing FOG problems in the collection system.

The education campaign typically includes newspaper ads (three in English, one in Spanish), radio ads on two local stations and theaters ads in a major Salinas movie outlet. The Southern Monterey Bay Discharges Group directed resources to a multi-agency web site which was completely updated in 2018 for fats, oils and grease information at **https://www.clogbusters.org/** . The regional program is modified yearly as conditions warrant.

The City of Salinas continues to participate by funding approximately 52% of the costs for the regional grease source control education program. The City's participation is critical to the regional effort as the program is prohibitively expensive for the other participants to finance the program independently.

In addition to the City's Pipe Blockage Control Program outreach through ClogBusters, the City has independently developed outreach materials for other pipe blocking materials such as "disposable" wipes and any other consumer items that do not belong in the sewer through a flyer labeled "Toilets Are Not Trashcans".

The City provides the following outreach and education materials that consist of the following:

- Residential and commercial outreach on proper Disposal of Wipes - "Toilets are not Trashcans" flyer,
- Residential Fats Oils and Grease Disposal outreach,
- Residential Door Hangers – FOG Program,
- Residential FOG Program - Lateral Graphic,
- Commercial FOG Program - Best Management Practices
- Commercial FOG Program - List of Licensed FOG Haulers

Copies of educational outreach documents for food service establishments are posted and available on the City's website **https://www.cityofsalinas.org/Your-Government/Find-a-Department/Public-Works/PW-Maintenance-Services/Environmental-Maintenance-Services/Sanitary-Sewer-Maintenance**. The City refers the appropriate businesses to the available information, to assist them with FOG compliance.

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7.3 FOG Disposal Facilities

The City does not own nor operate a FOG disposal facility; however, licensed FOG hauling contractors are identified as part of the City's FOG Pipe Blockage Control Program, and the City provides a list of these licensed haulers to each food service establishment (FSE). Monterey One Water (M1W), located in Marina CA accepts hauled FOG for disposal.

A list of grease trap and interceptor vendors, pumping and waste hauling contractors in Monterey County that haul FOG to facilities such as M1W for disposal is available in the City's Sanitary Sewer website link identified above and is also provided below:

Grease Haulers in Monterey County *Sites that accept FOG for disposal, recycling or rendering	
All Valley Environmental, Inc.	(559) 498-8378
Ameriguard Maintenance Services	(800) 347-7876 x 14
Bay Pumping	(831) 422-6436
Greenline Liquid Waste Company	(831) 422-2298
P.S.T.S (Peninsula Septic Tank Service)	(831) 574-2958
Pioneer Liquid Transport	(408) 287-5800
*Mahoney Environmental	(800) 892-9392
*Monterey One Water	(831) 424-1108

7.4 Discharge Prohibition Legal Authority and Spill Prevention Measures

The City's Source Control Program is run in cooperation with the Monterey One Water Source Control Program and relies heavily on Monterey One Water ordinances and requirements. The City's current Municipal Code expressly incorporates all Monterey One Water regulations, including those related to requirements for grease and fats, source control and pretreatment requirements.

Monterey One Water's authority for the Regional Grease Program is derived from Ordinance 2008-1. The City of Salinas City Code Chapter 36 expressly requires that all users within the City comply with all Monterey One Water regulations.

- Sec. 36-12.2. Compliance with discharge requirements of Monterey One Water. All dischargers into the sanitary sewer shall comply with all the discharge requirements of Monterey One Water. (Ord. No. 2102 (NCS).)
- Section 36-1 acknowledges that the City's sanitary sewer collection system is tributary to the Monterey One Water treatment facility. It states that Monterey One Water implements a pretreatment program for its member jurisdictions (including the City of Salinas).
- Section 36-11 requires that all private sewage disposal systems conform with the City plumbing code currently in effect.
- Section 36-12 requires that a City permit be issued for all connection to or use of the public sanitary sewer system.
- Sections 36-12.1 and 36-12.2 state that final approval for a sanitary sewer permit is contingent upon compliance with the requirements of Monterey One Water and that all

dischargers into the sanitary sewer must comply with all discharge requirements of Monterey One Water.

- Section 36-16 requires that design and construction of building sewers conform to the requirements of the city plumbing code and the City Design Standards and Standard Specifications currently in effect at the time of installation. (Elsewhere in the City Code, the California Plumbing Code is adopted by reference.)

7.5 Requirements to Install Grease Removal Devices

The City's Municipal Code expressly incorporates all Monterey One Water regulations, including those related to requirements for grease and fats, source control and pretreatment requirements. The City has adopted and incorporates the requirements of the California Uniform Plumbing Code. The City of Salinas City Code Chapter 36, Section 36-31 states:

> Requires that grease traps (grease, oil, wax and sand interceptors) be provided when, in the opinion of the director, they are necessary for the proper handling of liquid wastes, sand or other harmful ingredients. All interceptors must be of a type and capacity approved by the director and located so as to be readily and easily accessible for cleaning and inspection. Failure by the owner to clean and maintain the interceptors is sufficient cause for punitive action as provided in the chapter, or for disconnection from the industrial sewer.

7.6 FOG Control Program Inspection, Enforcement, and Staffing

The City of Salinas utilizes in-house inspection staff for food service facility inspection in conjunction with the City Storm Water Program. The Monterey County Department of Environmental Health is the designated authority as the City's Health Officer, to inspect for any Health and Safety issues. Monterey One Water source control inspectors also have inspection authority for grease control equipment and wastewater related issues if necessary.

Both the City and Monterey One Water have inspection and enforcement authority regarding discharges to the sanitary sewer collection system. Authority to inspect is embedded in:

- Monterey One Water Ordinance No. 2008-01 - An Ordinance Establishing Regulations For The Interception, Treatment And Disposal Of Sewage And Wastewater; Providing For And Requiring Charges And Fees Therefore; And Fixing Penalties For The Violation Of Said Regulations
- Article 4 – discharge reports, wastewater discharge permits, notification, reporting requirements and administration.

- Section (§) 4.07 Inspection and Sampling – The Agency shall inspect the facilities of any user to ascertain whether the purpose of this Ordinance are being met and all requirements are being complied with. Persons or occupants of premises where wastewater is created or discharged shall allow the Agency's representative ready access at all reasonable times to all parts of the premises for the purposes of inspection or sampling or in the performance of any of their duties. The Agency shall have the right

to set up on the user's property such devices as are necessary to conduct sampling or metering operations. Where a user has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards, that upon presentation of suitable identification, personnel from the Agency will be permitted to enter without delay for the purpose of performing their specific responsibilities.

7.7 Problem Area Identification and Sewer Cleaning

Locally, grease from both residential areas and food preparation facilities have been found to be contributing factors to grease related blockages in the sanitary sewer system. System blockages are generally attributable to issues of grease, roots or an accumulation of system solids and debris.

The City has a proactive maintenance program to meet the WDR requirement to identify sections of the sewer system subject to grease blockages and establish a cleaning maintenance schedule for these locations.

The Wastewater Division of the Maintenance Services Department performs daily maintenance activities to the system. The City has developed a proactive maintenance program with the goal of performing routine maintenance two days each week and priority locations three days each week. Priority, when required due to staffing shortage or availability of maintenance equipment, is given to servicing high priority locations over routine maintenance.

The “Sewer Maintenance High Priority List” referenced in Element 4 is the maintenance schedule that the City of Salinas Wastewater Division uses for ongoing maintenance of areas that have a history of blockages, buildup or overflows. The list is a dynamic document that changes as problems in some pipeline sections and other sections are identified for additional maintenance. The list consists of both monthly and quarterly maintenance locations to prevent the potential for sanitary sewer spills. The criteria for being on the list varies depending on the history of grease buildup, root intrusion, hydraulic deficiencies or other causes. Each location/pipe segment has been placed on a schedule of monthly or quarterly cleaning based on spill history or other system problems.

Other maintenance activities include routine maintenance to sewer lines, manhole inspections and system repairs when needed. The city also operates a pipeline inspection video truck to assist with identifying system problems.

7.8 Other Source Control Measures

The City’s source control efforts to reduce or eliminate pipe blocking materials and related problems in the pipeline sections identified in the ‘High Priority’ maintenance list are addressed through the actions previously described in this Element. Additionally, the City provides outreach and education to residential customers through the ClogBusters campaign and through the City website previously referenced in this Element. The education campaign typically includes newspaper ads, radio ads, and theaters ads in a major Salinas movie outlet. The Southern Monterey Bay Discharges Group has directed resources to a multi-agency web site for pipe blocking material information at (https://www.clogbusters.org/). The regional program is modified yearly as conditions warrant. Additionally, the City has programs to

eliminate roots and an outreach program to encourage members of the public to keep other pipe clogging materials out of the sewer system.

ELEMENT 8 SYSTEM EVALUATION, CAPACITY ASSURANCE AND CAPITAL IMPROVEMENT PLAN

8.1 Regulatory Requirements

Attachment D 8 states:

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.

(a). **System Evaluation & Condition Assessment**: 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:
  - Hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies;
  - Are located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas;
- 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 methods;
- 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.

(b). **Capacity Assessment & Design Criteria**: 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.

(c). **Prioritization of Corrective Action**: 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.

(d). **Capital Improvement Plan**: The capital improvement plan must include the following items:

- Project schedules including 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 Interagency coordination with other impacted utility agencies.

8.2 System Evaluation & Condition Assessment

In 2023 the City completed the Sanitary Sewer Master Plan Update (SSMPU) was completed that included evaluation of the entire City sanitary sewer system. The condition assessment consisted of the following:

- Survey of manhole rim and invert elevations on each sewer manhole included in sewer model,
- Evaluations of the City's eleven lift stations to establish signs of corrosion and recommendations based on structural investigation of the wet wells. Evaluation of the condition of piping and internal components, documentation of the size of the wet well/pumping station, approximate depth and size of inverts, perform a pump draw down test and determine approximate flow from each pump, full load amperage and Meg-ohm readings on each motor, verification of automation of controls, evaluation of the electrical system deficiencies/code violations, documentation of pumps and motors make/model number, inspection of pumps for signs of wear and tear including inspecting pump seals and fittings, electrical components for code violations, evaluation of pump seals, fittings, and overall condition, and pump tests to determine approximate flow, and measure amperage/power draws to check for signs of pump motor concerns. Evaluation of the system's ability to meet existing and future demands based on the pumping capacity and lift station upgrade recommendations.
- Updates to the City's GIS system to include new developments and upgrades to the City sewer system.
- City staff observations and recommendations for sewer system repairs.
- The condition assessment includes CCTV data for approximately 5,300 linear feet (0.3%) of the City sewer system. The City is in the process of conducting CCTV inspections to have the entire system televised and assessed over the course of the next ten (10) years. Manhole inspections will be included as part of the CCTV investigations.

Capital improvement projects were identified as part of the condition assessment. These projects are identified in Section 8.5 of this Element.

The SSMPU is on the City website: **https://www.cityofsalinas.org/Your-Government/Find-a-Department/Public-Works/PW-Maintenance-Services/Environmental-Maintenance-Services/Sanitary-Sewer-Maintenance**

8.3 Capacity Evaluation & Design Criteria

The City's collection system consists of 292 miles of gravity pipes, which vary in diameter from 6-inch to 54- inches, and eleven (11) lift stations, providing service throughout the City and a portion of Bolsa Knolls near Rogge Road. The main trunk sewer system was analyzed using the Innovyze InfoSWMM Version 14.7 hydraulic modeling program to evaluate performance of the wastewater collection system under both existing and future flow conditions.

Design criteria, as shown in Table 8-1 below, were applied in the analysis of the trunk sewer collection model. Gravity pipe performance was analyzed based on maximum percent full depth over diameter (d/D) ratio, defines as the depth of flow in a pipe divided by the diameter of the pipe.

Table 8-1: Hydraulic Criteria for Existing Systems

Standard	Criteria
Velocity	Minimum: 2.0 ft/s for peak flows; 1.75 ft/s at average rate of flow Maximum: 8.0 ft/sec
Minimum Slope	6-inch: 1.0% 8-inch: 0.40% 10-inch: 0.26% 12-inch & above: 0.20%
Friction Factor	Manning's n (gravity)=0.013 for Vitrified Clay Pipe (VCP) 0.011 for Polyvinyl Chloride (PVC) Hazen-Williams C (pressure)=100 to 120 depending on pipe size, material, and age
Minimum Pipe Size	8-inch
Maximum Allowable Flow Depth	10-inch or less: d/D=0.67 12-inch to 24-inch: d/D=0.80 27-inch or greater: d/D=0.90
Surcharging	Allowed as long as the Hydraulic Grade Line (HGL) remains at least 5-Feet Below the rim elevation
Forcemain Hydraulics	Minimum: 2.0 ft/s Maximum: 5.0 ft/s

Where improvements were recommended to the collection system, worst case d/D values were provided for reference. These d/D values represent a snapshot of the system under either;

- existing conditions, or
- proposed conditions with *all* improvements in place.

Through the digital sewer model, maximum d/D was analyzed for the system as a whole, ensuring that recommended updates did not trigger additional downstream or upstream improvements.

Inline flow monitoring was completed to capture dry and wet weather hydraulic conditions and evaluate hydraulic conditions through projected City build out.

Capital improvement projects were identified as part of this hydraulic evaluation for existing and future conditions. Projects are included in Section 8.5 of this Element.

8.4 Prioritization of Corrective Actions

The SSMPU identified capital improvement projects which included staff O&M based projects, hydraulic deficient projects, lift station improvement projects and CCTV data. The City prioritized these projects based on the following criteria:

- Overflow to Waters of the State
- Ability to meet Design Criteria
- O&M Hot Spots
- Community Impacts
- Surcharge

Each of these categories was provided a weighted importance factor and each project received an overall ranking score. The importance factor was multiplied by the overall score of the project and then these two (2) factors were added together for a final score/ranking. The City reviews these projects to assess if rankings require adjustment regularly.

Lift Station CIP Ranking

Lift Station CIPs have been categorized in two separate ways: one based on improvements needed at each lift station as a whole and the other based on improvement project type for all lift stations.

Appendix 8A, Table 7-3 ranks each individual lift station based on eight categories:

- overflow to a water body,
- inspection frequency,
- existing pumping capacity deficiencies,
- peak hour emergency response time,
- if bypassing capabilities are needed,
- if an onsite generator with automatic transfer switch is needed,
- if control system upgrades are needed, and
- potential impact to the community.

Although not included in the scoring, Table 7-3 also shows if the lift station would be impacted by future development.

Hydraulic and Maintenance Repair CIP Ranking

Appendix 8B, Table 7-2 ranks each sewer pipeline project based on the type of project (Hydraulic Deficiency or O&M Project) and five (5) ranking criteria:

- Overflow to Water Body of the State (0-10 Points)
- Meets Design Standards (0 – 10 Points)
- Maintenance Hot Spot (0-10 Points)
- Community Impact/Population (0-10 Points)
- Surcharge Near City Manhole Monitor (0-5 Points)
- Impacted by Future Development (also considered but no points were assigned)

8.5 Capital Improvement Plan

The City developed a ranked Capital Improvement List which is included in **Appendix 8C**. There are two (2) tables that identify Pipeline/Manhole CIP (Table 7-4 & 7-6) and one (1) table that identifies Lift Station CIP (Table 7-5).

Funding for Projects and Future Investigations

The City recently completed a revenue rate study and is planning to move forward with Proposition 218 rate increase for all sewer users. This revenue plan would provide for the following:

- $2 million per year for sewer system repairs
- $1.1 million per year for ongoing CCTV investigations
- $154K per year for manhole inspections

The City is also in the process of completing projects funded by the American Rescue Plan Act (ARPA) which has a deadline for spending December 31, 2026.

Operations and Maintenance staff work with Engineering staff to develop and rank Capital Projects.

The status of these projects is shown in **Appendix 8D** with current and anticipated sources of funding. Full project descriptions are provided in the 2023 SSMPU.

In addition to the funding sources identified in Appendix 8D, grant programs from the EDA Public Works and Economic Development Program, the State Water Resources Control Board, and others are the preferred sources for additional funding for sewer upgrades. If grant funding proves to be unavailable other potential funding options may also include:

- User rates
- Connection fees

- Municipal bonds
- Special assessment districts
- Public/private partnerships
- California Infrastructure and Economic Development Bank: infrastructure state revolving fund program; industrial development bonds
- California State loans and grants: State Revolving Fund (SRF); direct state appropriations
- Federal grants and loans: EDA Public Works and Economic Development Program; direct federal appropriations

The City continues to evaluate additional sources of funding for Capital Projects and will amend project information pertaining to schedules and sources of funding included in Appendix 8D.

8.6 Additional WDR Requirements

The City plans to conduct a Vulnerability Assessment to address the following WDR requirements:

- Prioritize the condition assessment of system areas that:
  - Hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies;
  - Are located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas;
- 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 methods;
- 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;
- 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.
- Outline how capacity assessment considers:
  - 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;

- Capital Improvement Plan that includes:
  - Project schedules including 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 Interagency coordination with other impacted utility agencies.

The Vulnerability Assessment is planned for completion by 2027. Capital Projects associated with this Vulnerability Assessment will be incorporated into the Capital Projects list included in Appendix 8.

ELEMENT 9 - MONITORING, MEASUREMENT & PROGRAM MODIFICATIONS

The City monitors the implementation of the SSMP elements in order to measure the effectiveness of the City's SSMP in reducing sewer spills. The manner in which each SSMP element is monitored and evaluated and the schedule with which the City completes this monitoring and evaluation is described in this SSMP Element.

9.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Section D 9 states:

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

(a). Maintaining relevant information, including audit findings, to establish and prioritize appropriate Plan activities;

(b). Monitoring the implementation and measuring the effectiveness of each Plan Element;

(c). Assess the success of the preventative maintenance activities;

(d). Updating Plan procedures and activities, as appropriate, based on results of monitoring and performance evaluations; and

(e). Identifying and illustrating spill trends, including spill frequency, locations and estimated volumes.

9.2 Data Management

The City manages, schedules, and tracks preventative maintenance activities through GIS based Computerized Maintenance and Management System. The system covers the following:

- Sewer Line Cleaning
- High Priority Area Cleaning and Inspections
- Manhole Inspections and Maintenance
- Lift Station Inspection and Maintenance
- Customer Complaints
- Work Orders
- CCTV Inspections
- FOG Inspections

Triennial SSMP Audit Reports are maintained at the City's Wastewater Division office. Corrective actions from audit reports are generally addressed in updates of the City's SSMP. More immediate actions are completed in accordance with the recommended corrective action schedule in each triennial audit.

9.3 Establishing and Prioritizing SSMP Activities

Table 9-1 outlines the relevant information maintained by the City to establish and prioritize appropriate sewer collection system activities and the City staff who are responsible for monitoring implementation and measuring the effectiveness of each element, when appropriate.

Table 9-1: SSMP Implementation Management

SSMP Element	SSMP Relevant Information	Responsible Party
1. Goal	This SSMP Element contains the City's goals for the operation, maintenance, and management of the sanitary sewer collection system, which provide focus to reduce Spills and mitigate Spills that do occur.	Wastewater Division Manager
2. Organization	A table containing names, job titles, roles, responsibilities, and contact information is contained in this SSMP Element, which identifies the most knowledgeable person for each aspect of the SSMP Program. An organizational chart identifies the lines of authority.	Wastewater Division Manager
3. Legal Authority	Web links in this SSMP Element contain the sections of City Policies and Ordinances governing the sewer collection and conveyance system.	Wastewater Division Manager and City Legal Counsel
4. Operation and Maintenance Program	Information in this SSMP Element document the sanitary sewer system operation and maintenance activities.	Wastewater Division Manager
5. Design and Performance Provisions	City website links in this SSMP Element include City Design Standards and Specifications that include Testing requirements.	Wastewater Division Manager and Engineering Staff
6. Spill Emergency Response Plan	The City updated a Spill Emergency Response Plan in 2023 which include staff contact information, mandatory Spill reporting information, and response and mitigation programs.	Wastewater Division Manager
7. Pipe Blockage Control Program	Monitor any changes in the program that may require updates to this Element..	Wastewater Division Manager
8. System Evaluation, Capacity Assurance, and Capital Improvements Plan	The City will review and update this SSMP Element as applicable to update project schedules, status of projects and sources of funding for associated projects.	Wastewater Division Manager and Engineering Staff
9. Monitoring, Measurement, and Program Modifications	This SSMP Element will be updated annually with the data in Tables 9-2 and 9-3 in a calendar year.	Wastewater Division Manager
10. SSMP Program Audits	SSMP Audit Reports are required triennially. Corrective actions are implemented and tracked.	Wastewater Division Manager
11. Communication Program	Examples of public outreach materials and pertinent City website links provided, as well as meeting agendas, pertinent City Council reports and minutes are found on the City's website and City offices.	Wastewater Division Manager

9.4 Preventative Maintenance Program Assessment

The City's Preventative Maintenance Program includes CCTV inspection, line cleaning, visual manhole inspection, lift station maintenance, high priority area identification and maintenance. The City will review these operation and maintenance practices annually and compare them with annual Spill records. A summary of the performance metrics identified in Table 9-2 will be developed annually.

Table 9-2: Sanitary System Performance Metrics for Monitoring and Measurement

	Performance Measure	Source
System Statistics	Total miles of gravity sewer	Atlas Maps
	Total miles of pressure sewer	Atlas Maps
	Total number of manholes	Atlas Maps
	Total number of sewer lift stations	Atlas Maps
Operations and Maintenance	Linear feet of sewer line cleaned	CMMS/GIS & Work Order Requests or Staff Field Notes
	Linear feet of high priority lines cleaned	CMMS/GIS & Work Order Requests or Staff Field Notes
	Number of blockages/backups not resulting in sewer spill	CMMS/GIS & Work Order Requests or Staff Field Notes
	Linear feet of CCTV	CMMS/GIS & Work Order Requests or Staff Field Notes
	Number of manholes inspected	CMMS/GIS & Work Order Requests or Staff Field Notes
	Lift station inspections	CMMS/GIS & Work Order Requests or Staff Field Notes
	FOG inspections. Number of inspections and reinspection's	CMMS/GIS & Work Order Requests or Staff Field Notes
	Root control linear feet	CMMS/GIS & Work Order Requests or Staff Field Notes
Measures Based on	Number and percentage of dry weather vs.	CIWQS

	Performance Measure	Source
Sewer Spill Numbers	wet weather spills	
	Number of spills by cause (operational, capacity, system, other)	CIWQS
	Number of spills per 100 miles per Year	CIWQS
	Total volume of spills	CIWQS
	Average spill volume	CIWQS
	Total volume recovered and percentage of overall total Spill Volume	CIWQS
	Net volume of spills (total minus recovered) and percentage of overall total spill volume	CIWQS
	Total volume reaching storm drainage channel and not recovered or reaching surface waters and percentage of overall total spill volume.	CIWQS
Spill Response Time	Average response time during business hours	CIWQS
	Average response time outside of business hours.	CIWQS
Condition Assessment, Rehabilitation, and I/I Control	Amount of CCTV inspection performed (linear feet)	CCTV Reports
	Number of manholes inspected	CMMS/GIS & Work Order Requests or Staff Field Notes
	Number of inflow sources detected and corrected.	CMMS/GIS & Work Order Requests or Staff Field Notes
Capital Projects	Summary of short- and long-term projects, sources of funding and status of each project.	Capital Projects Schedule
Outreach	Pipe Blockage Control Program summary of outreach efforts.	ClogBusters outreach and City Outreach
Goals	Summary of how goals are being met and areas of improvement where goals have not been achieved.	Element 1 Goals and Supporting data to demonstrate performance.

	Performance Measure	Source
Training	Summary of training to meet Element 4 training requirements and other City training programs.	Training Records

9.5 SSMP Updates

The City will use the SSMP for management, training, planning and regular maintenance of the collection system. As the management plan is utilized, any deficiencies or discrepancies will be corrected. Program elements will be updated based on performance evaluations, organizational, operational, and maintenance changes, new regulatory requirements, repairs, replacements, and upgrades made to the collection system.

At a minimum, the City will review and revise the SSMP annually as warranted. The Wastewater Division Manager is responsible for revising and maintaining the SSMP.

A revision record will be maintained to track changes.

9.6 Sewer Spill Trends

The trends in City sewer spill history should be tracked for a three-year period utilizing the criteria in Table 9-3. The cause categories identified in Table 9-3 are the causes available for use in the Sewer Spill Report provided in California Integrated Water Quality System (CIWQS). City Staff are responsible for determining which cause category is appropriate for each Spill when the Spill is reported in CIWQS.

Table 9-3 City of Salinas per Indicator per Year

Criteria	Indicator
Spills	No. of Spills
Multiple Spills at Same Location	# of Locations with Multiple Spills
Spill Volume (gal)	Volume
	Volume Recovered
	Volume Reached Surface Water
Spill Causes	Debris - Construction
	Debris – General
	Debris – Rags
	Flow Exceeded Capacity
	FOG

Criteria	Indicator
	Operator Error
	Other
	Pipe Structural Problem/Failure
	Pump Station Failure
	Rainfall Exceeded Design
	Root Intrusion
	Vandalism
Comparison with Regional and State Averages	Average Spill Volume
	Average # of Spills

The City will continue to plan and adjust operation and maintenance practices so that the number of Spills experienced on an annual basis remains low.

ELEMENT 10 - SEWER SYSTEM MANAGEMENT PLAN PROGRAM AUDITS

SSMP audits are required to identify and correct deficiencies in the most current revision of the City's SSMP and provide a schedule to correct identified deficiencies. This SSMP Element outlines the audit process and identifies staff responsible for conducting or participating in SSMP audits and generating the required SSMP Audit Report.

10.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Section D 10 requires:

The Plan shall include internal audit procedures, appropriate to the size and performance of the system. Additionally, the General Order requires;

The internal audit shall be appropriately scaled to the size of the system(s) and the number of spills. The Enrollee's sewer system operators must be involved in completing the audit. At minimum, the audit must:

- Evaluate the implementation and effectiveness of the Enrollee's Sewer System Management Plan in preventing spills;
- Evaluate the Enrollee's compliance with this General Order;
- Identify Sewer System Management Plan deficiencies in addressing ongoing spills and discharges to waters of the State; and
- Identify necessary modifications to the Sewer System Management Plan to correct deficiencies.

The Enrollee shall submit a complete audit report that includes:

- Audit findings and recommended corrective actions;
- A statement that sewer system operators' input on the audit findings has been considered; and
- A proposed schedule for the Enrollee to address the identified deficiencies.

10.2 SSMP Program Audits

The Wastewater Manager (LRO) or their designee is responsible for assuring the SSMP audit is conducted and complete based on the schedule outlined on the SWRCB lookup website which requires audits to be conducted at a three-year interval from the prior audit. Audits should be conducted with the cooperation of the City staff responsible for sewer system operations and maintenance, administrative staff, and engineering staff. When conducting the SSMP audit, City staff must evaluate the effectiveness of each SSMP Element. A comprehensive, effective review of the City's SSMP must be documented in a SSMP Audit Report.

10.2.1 Summary of Procedure:

1. Gather appropriate documents using the SSMP Audit Data & Records Request, which is provided in **Appendix 10A**.

2. Interview City staff responsible for the administration, operations, maintenance and engineering associated with system performance information.

3. Develop Audit Report and reference all documents reviewed and used as evidence of compliance with the WDR. Create a plan and schedule for updates to the SSMP based on changes in operational strategies or deficiencies found in the SSMP.

4. Evaluate the effectiveness of the City's SSMP and compliance with each WDR requirement using the ranking methodology outlined in Table 10-1.

Table 10-1: SSMP Audit Ranking Criteria

Ranking	Ranking Basis
In Compliance	All requirements specified in the element are met.
Substantial Compliance	The majority of requirements in the element are met.
Partial Compliance	Half of the requirements in the element are met.
Marginal Compliance	Less than half of the requirements in the element are met.
Out of Compliance	None of the requirements in the element are met.

The SSMP Audit Report must be signed and certified by the Legally Responsible Official (LRO).

The SSMP Audit Report must be certified using the language provided below:

> "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Subsequent SSMP audits must be conducted continuously on a three-year interval following the schedule outlined below which is based on the dates required by the 2022 WDR:

- SSMP Audit Period: May 2, 2024 - May 2, 2027 (Audit report due 11/2/27)
- SSMP Update: Update due 5/2/31.

Additional SSMP Audit and SSMP Update regulatory schedules required after the dates shown above should be identified in the following link:
https://www.waterboards.ca.gov/water_issues/programs/sso/lookup/

To assist in the audit process, the City should consider quarterly or semiannual reviews and revisions to specific SSMP Elements and associated supporting documents. These reviews and revisions will help ensure current operational practices and procedures are reflected in the

SSMP and documentation of these activities is readily available during an audit by the Regional Water Quality Control Board, and/or State Water Resources Control Board.

SSMP Audit Reports must be kept on file and submitted to the online CIWQS Sanitary Sewer Database within six (6) months after the end of the 3-year audit period.

ELEMENT 11 - COMMUNICATION PROGRAM

Communicating the objectives of the SSMP and the importance of sanitary sewer system management practices to the public is essential. An informed public can assist and support the City by reducing customer caused blockages, which will potentially decrease ewer spills.

11.1 Regulatory Requirements

WDR Order No. 2022-0103-DWQ Section D 11 states:

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

- The public for:
  - Spills and discharges resulting in closures of public areas, or that enter a source of drinking water, and
  - 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:
  - System operation, maintenance, and capital improvement-related activities.

11.2 Communication Program

The purpose of the City sanitary sewer system communication program is to educate stakeholders, which include residential and commercial users of the collection system, about the SSMP. Public awareness of different components of the SSMP is accomplished through different mediums and may reach different audiences. The following are activities that the City practices to increase awareness and education about the importance of having a properly constructed, maintained, and operated sewer collection system.

Table 11-1: City Communication Program Overview

Activity	Frequency	Stakeholders
City Website: www.cityofsalinas.org	Year-round	All
City Council Meetings	Tuesdays @ 4:00 pm	All
Social Media – Facebook, Instagram and GovDelivery	Year-round	All
City Office	Year-round	All

11.2.1 City Website

Information is posted on the City website, **www.cityofsalinas.org** and includes reports, documents, maps, links, City meeting minutes and agendas, educational material and public service announcements. The City SSMP can be found on the City website. Sewer spill emergency contact information is also provided on the City website.

Updates and revisions to the SSMP will be posted and maintained on the City website when completed.

11.2.2 City Council Meetings

City Council Meetings are generally held on alternating Tuesdays of each month at the City Hall Rotunda. Utility sewer operation, Sewer Spill Reports, SSMP updates, significant revisions, audits and SSMP status reports are presented at the Council meetings to receive input.

11.2.3 Social Media

The City uses social media (Facebook and Instagram and GovDelivery) to post information about utility projects, public education and outreach, and highlight items on the Council agenda.

11.2.4 City Public Works Office

The City Office located at 200 Lincoln Avenue, has copies of educational material, public service announcements, and staff that provide assistance and education to the public. Office hours are Monday- Friday from 8:00am to 5:00pm.

11.2.5 Public Notices for Spills – Public Areas

The public is notified of spills and discharges that result in closures of public areas (including streets and surface waters) by erecting cones and barricades, and by posting warning signs in accordance with the Spill Emergency Response Plan. The necessary equipment and signage are kept in the City's emergency response vehicles.

11.2.6 Public Notices for Spills – Public Areas

The City has identified two water purveyors who would be notified in the event of a sewer spill in the vicinity of a source of drinking water. These purveyors are listed below:

- Alisal Water Service (ALCO)
  249 Williams Road, Salinas CA 93905
  (831) 424-0441
  tom@alcowater.com

- California Water Service (Salinas Valley Region)
  254 Commission Street, Salinas CA 93901
  Business Hours (831) 757-3644 or
  After Hours (831) 757-3644

11.3 Satellite and Tributary Systems

The wastewater collection system of the unincorporated community of Boronda to the northwest of Salinas is tributary to the Salinas sanitary sewer system. The County of Monterey Public Works Department is responsible for the operation and maintenance of this system. Communication with the Boronda area is conducted on an as needed basis when conditions are warranted. Typical scenarios that require communication are:

- FOG Control Program (administered by the City of Salinas)
- Capital Improvement Projects
- Sewer Spills
- Required Sewer System Maintenance

Appendix 0A Placeholder – Meeting Minutes Adopting 2025 SSMP, Revision 2

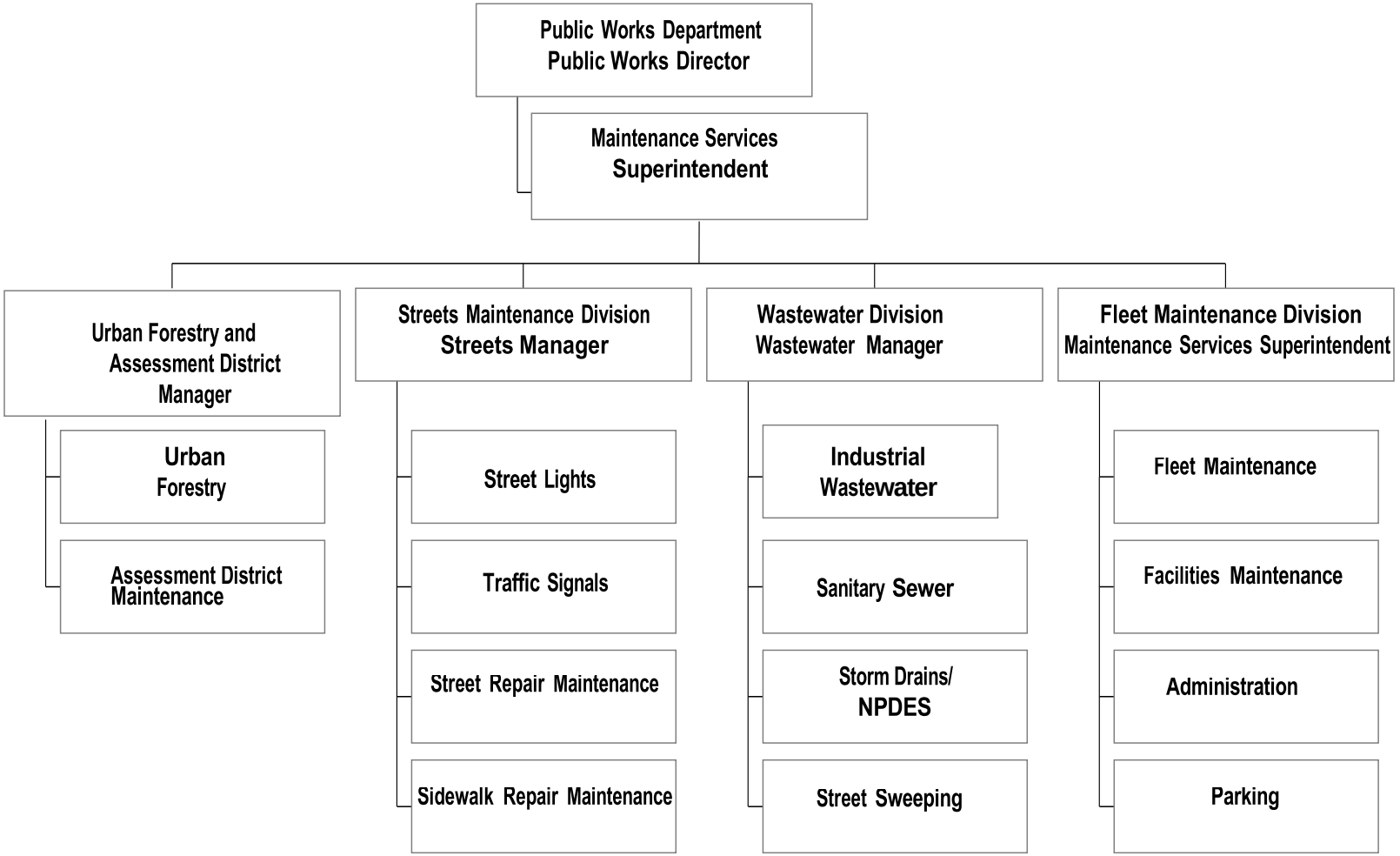
Appendix 2A Cover Sheet – City Organization Chart

City of Salinas

Maintenance Services Department Organization Chart

426 Work Street, Salinas, Ca. 93901

Administration: (831) 758-7233



Appendix 4A Cover Sheet – Hot Spot List

CITY OF SALINAS
Wastewater Division
Sewer Maintenance High Priority List
Revised December 20, 2016

Monthly:				
No	**Street**	**From**	**To**	**Lin Ft Ser**
East Salinas Area				
1		.		
2	Murphy St	M.H. @ E. Alisal & Murphy	Shoot to M.H. on Murphy & also shoot towards R.R. tracks	
3	E. Alisal St	M.H. @ 347 E. Alisal St		
4	E Alisal St	M.H. @ intersection of E. Alisal & Griffin	Shoot to Prader St	
5	E. Alisal St	Griffin St	Shoot to Rianda St	
6	E. Alisal St	Turn pocket @ E. Alisal & Kern	Shoot to Roosevelt & also to Madeira Ave	
7	E. Market St	King St	Shoot tot N. Madeira Ave.	
8	King St.	Intersection King & Roosevelt	Shoot to M.H. on E Market St	
9	E. Alisal St (M.H. @ fast Lane)	King St	Shoot towards Roosevelt	
10	N. Wood St	M.H. @ 24 N. Wood St	Shoot towards M.H. @ Pearl St & Shoot with flow to La Paz Park	
11	Roosevelt St	M.H. @ 530 Roosevelt St	Shoot towards building complex	
12	N. Madeira Ave.	From middle intersection N. Madeira and Roosevelt	Shoot towards M.H. @ 31 N. Madeira	
13	N. Madeira Ave	M.H. across 31 N. Madeira Ave @ sidewalk	Shoot towards building	
14	N. Madeira Ave & Roosevelt St	M.H. closest to curb	Shoot to M.H. on sidewalk at 31 N. Madeira & also shoot towards building complex	

Monthly:

No	Street	From	To	Lin Ft Ser
15	E. Alisal St	M.H. @ Intersection of Wood & E. Alisal	Shoot to F.I. @ 548 E Alisal St, the radio station	
16	San Benito St	M.H. @ Wood St & San Benito	Shoot to E. Alisal & also shoot to S. Madeira Ave	
17	S. Wood St	Second M.H. @ Wood St & San Benito St	Shoot under trees to Pearl St	
18	S. Wood St.	Santa Maria Ave	Shoot towards F.I. on Santa Maria & also to E. Alisal	
19	S. Wood St	James St	Shoot towards F.I. on James St	
20	S. Madeira Ave	M.H. @ 75 S. Madeira Ave	Shoot towards Santa Maria & shoot down F.I. on James & also shoot with flow to Apartments	
21	John St	John St (north bound off ramp)	Shoot to Santa Maria & shoot with flow to T.P.2	
22	John St	M.H. @ grass area @ 535 John	Shoot to M.H. @ end of San Benito in ice plant	
23	John St	M.H. @ Parking lot @ 535 John St	Shoot to Hwy 101 M.H. @ grass area & also shoot with flow to T.P.2	
24	S. Hebbron Ave	Prince Pl	Shoot all Prince Pl	
25	E. Alisal St	Hebbron Ave	Shoot towards Prince Pl & to E. Market St	
26	Garden Wy	M.H. @ 933 Garden Wy	Shoot to Filice St	
27	John St	Magnolia Ave	Shoot to Hebbron Ave	
28	S. Filice St	M.H. @ John St	Shoot to F.I. on Filice	
29	E. Market St	M.H. @ 101 bridge	Shoot to Kern	
30	N. Madeira Ave	Terrace St	Shoot to F.I. on terrace	
31	E. Market St	Carr St	Shoot tow F.I. on Carr St & also with flow to Hebbron Ave	
32	Carr St	Terrace St	Shoot to F.I. on Terrace	
33	Carr St	Fremont St	Shoot to F.I. on Fremont	
34	Elton Pl	M.H. @ Elton & Hebbron	Shoot to F.I. on Elton Pl	
35	N. Hebbron Ave	M.H. @ Hebbron & Fremont	Shoot to Elton Pl.	**Lower Pressure Toilet Blown out**
36	E. Market St	M.H. @ E. Market & Hebbron	Shoot to Fremont & also shoot to	

Monthly:

No	Street	From	To	Lin Ft Ser
37	E. Market St	Division St	Shoot with flow down Division St	
38	Mayfair Dr	M.H. @ 335 Mayfair Dr	Shoot to F.I. on Mayfair Dr	
39	S. Sanborn Rd	M.H. on Island at Sanborn Rd	Shoot under houses towards Magnolia Dr and Meadow	
40	Fairview Dr	Beverly Dr	Shoot to M.H. on Beverly to Barbara Pl & also shoot with the flow to M.H. across 101 @ Ice plants	
41	S. Sanborn Rd	M.H. @ Sanborn 101 on ramp	Shoot south to the Ice plants	
42	Terven Ave	Vertin Ave	Shoot to dead end on Vertin	
43	Terven Ave	1057 Terven Ave	Shoot to Vertin	
44	Hilltop Dr	M.H. at 1215 Hilltop Dr	Shoot all 3 directions one with flow to Circle Pl	
45	St George	M.H. across 588 St. George	Shoot all 3 directions one with flow	
46	St. Thomas	St. George	Shoot to St. Edwards	
47	Towt St	First St	Shoot to M.H. at 1248 First St	
48	E. Market St	Kenneth St	Shoot to E. Laurel Dr	
49	E. Market St	First St	Shoot to F.I. on First St	
50	Cedar Pl	Top Pl	Shoot to F.I. on Top Pl	
51	Kentucky St	Valencia St	Shoot to F.I. on Valencia	
52	Washington Dr	M.H. @ 101 Washington Dr	Shoot to F.I. on Washington Dr	
53	Cooper St	M.H. @ 1458 Cooper St	Shoot to F.I. on E. Laurel	
54	E. Laurel Dr	M.H. @ 1020 E. Laurel Dr	Shoot to down St & also shoot to Sanborn Rd	
55	Oregon St	M.H. @ 105 Oregon St	Shoot towards Laurel Dr	
56	Fairhaven St	First St	Shoot to Williams & follow it to Towt St	Call 772-0407 Esperanza Perez 1209 Fairhaven
57	Grandhaven	First St	Shoot to Williams & follow it to Towt St	
58	Bellehaven St	First St	Shoot to Williams Rd & shoot to St. Joseph cir and also follow it to Towt	
59	Alma Ave	Second Ave	Shoot to Williams & shoot to Towt St	
60	Garner Ave	Towt St	Shoot to Williams & also @	

Monthly:

No	Street	From	To	Lin Ft Ser
			intersection of Garner & Second shoot to Alma	
61	Acosta St	Machado Ave /E. Sanborn	Shoot to Beech St	
62	Montana St	Sanborn Rd	Shoot to Beech St	
63	Kimmel St	Sanborn Rd	Shoot to Beech St	
64	916 Acosta Plaza	M.H. @ 916 Acosta Plaza	Shoot to Gee St & also shoot with flow to tree	
65				
66	Wiren St	Williams Rd	Shoot to F.I. on Wiren St	
67	Rider St	Holly St	Shoot to F.I. on Holly St	
68	Elm St	F.I. @ dead end of Elm St	Shoot to Rider Ave	
69	Rider Ave	Garner Ave	Shoot to Alamo & shoot to Gee St & shoot to Charro Ave	
70	Williams Rd	E. Laurel Dr	Shoot to all the way to Garner Ave	
71	New Deal	Del Monte Ave	Shoot to Cortez St	
72	Cortez St	M.H. @ intersection Mae & Cortez	Shoot to Town Houses @ Cortez	
73	Mae Ave	Del Monte Ave	Shoot to Cortez	
74	Del Monte Ave	Williams Rd	Shoot to Sanborn Rd all the streets in between both side	
75	Green St	M.H. @ Garner Ave	Shoot to F.I. on Green St	
76	Sunrise St	M.H. @ Garner Ave	Shoot to F.I. on Sunrise St	
77	Mae Ave	M.H. @ Garner Ave	Shoot to F.I. on Mae Ave	
78	C St	M.H. @ Mae Ave	Shoot to F.I. on C St	
79	D St	M.H. @ Mae Ave	Shoot to F.I. on D St	
80				
81	Elkington Ave	M.H. @ Del Monte Ave	Shoot to F.I. on Elkington Ave	
82	Pacific Ave	M.H. @ Del Monte Ave	Shoot to F.I. on Pacific Ave	
83	Pacific Ave	Sieber St	Shoot to Del Monte Ave	
84	Sieber St	M.H. @ 1028 Sieber St	Shoot to Pacific Ave	
85	Garner Ave	Sieber St	Shoot to M.H. @ 1028 Sieber St & shoot to F.I. on Garner to Pacific	
86	Garner Ave	Pacific Ave	Shoot to F.I. on Pacific Ave	

Monthly:

No	Street	From	To	Lin Ft Ser
87	Rider Ave	M.H. @ 1234 Rider Ave	Shoot under houses to Caoba	
88	Paseo Grande	M.H. @ Sanborn Rd	Shoot to Estrella Wy	
89	Towt St	M.H. in from of 769 Towt St	Shoot under house	
90	Cross Ave	M.H. @ E. Market St	Shoot to Bardin Rd	
91	Dennis Ave	Tampa St	Shoot to Bardin Rd	
92	Toro Ave	Tampa St	Shoot to Bardin Rd	
93	**Afton Rd Ct**	**Sycamore St**	**Shoot to Margaret St**	**Call First Mrs. Moreno at 155 Sycamore #758-9046 Lower Pressure Toilet Blown out**
94	Tampa St	Paloma Ave	Shoot to Sycamore	
95	Avis	Sycamore St	Shoot to F.I. on Avis Ct	
96	Paloma Ave	Quilla Ave	Shoot to Tampa St	
97	Cross St	E. Paloma	Shoot to East Market Street	
98	E. Alisal St	E. Market St	Shoot to Margaret St	
99	Afton St.	Sycamore St.	Avis St.	
100	Rider Ave	M.H.@ Rider Ave & Las Casitas	Shoot to F.I. on Hawaii Pl	
101	Rider Ave @ Las casitas	Rider Ave	Shoot to F.I. on Las Casitas (not force Main)	
102	La Honda/ Alamo Wy	Lift Station @ Las Casitas	Shoot to all Ranchero & to La Honda and also pull to F.I west on Alamo	
103	Vista Nueva lift station		All the streets to lift station	
104	Bison St	Eagle Dr	Shoot to Bison Wy	
105	Eagle Dr	M.H. @ 1048 Eagle Dr	Shoot to east on Eagle & with flow to Freedom	
106	Rider Ave	Buckhorn Dr	Shoot to Chamise Dr	
107				
108				
109	John St	M.H. @ 1219 John St	M.H. at corner of fence, side of nursery	
110				
111	Paloma St.	Paloma &Sycamore St.	Afton St.	

Monthly:

No	Street	From	To	Lin Ft Ser
112	Paloma St.	Paloma &Sycamore St.	Margaret St.	
113	East Alisal St.	East Alisal & Tampa	Paloma	
114	Toro Ave.	Toro & Tampa	Paloma	
115	Garner Ave.	Garner & Towt St.	F.I On Towt St.	
116	Sanborn St.	Sanborn & Mohar	Beech St.	
117	Division St.	Division & East Market St.	East Sanborn	
118	Bridge At Ford Dealer (Elvee)	Parking Lot	Manhole in the Field	
119	Orchard St.	Orchard & Seiber	Delmonte Ave.	
120	Sanborn St.	Sanborn & East Market St.	Both ways to Cedar	
121	Manhole at Sanborn & E. Acosta	Manhole at Sanborn & E. Acosta	Shoot Three Ways	Am List
122	Acosta St.	Second Ave	F.I towards Towt	
123	St. Charles Way	St. Edwards/ St. Augustine	N. Madiera	
124	Dewey St.	Beech St.	F.I On Towt Street	
125	Second St.	E. Laurel Drive	Acosta St.	
126	Midway St.	E. Market St.	E. Laurel Dr.	
127	East Laurel Dr.	Towt St.	Midway St.	
128	Sanborn Rd	M.H @Laurel and Sanborn	Shoot all directions	Am List
129	Sanborn Rd	Sanborn and E. Alisal St.	Shoot to Towt	Am List

Monthly:

No	Street	From	To	Lin Ft Ser
North Salinas Area:				
1	Truman St	M.H. @ Eisenhower St	Shoot to Fillmore St	
2	Eisenhower St	M.H. @ Arthur St & Eisenhower St	Shoot to F.I. on Eisenhower to Barkley Dr & Also shoot to F.I. on Eisenhower to Truman & shoot to F.I. on Arthur	
3	Hoover St	Souza St	Shoot to Arthur St	
4	Souza St	Lenny St	Shoot both ways	
5	Lenny St	M.H. @ 18802 Lenny St	Shoot to F.I. on Lenny St/ Souza – F.I From Souza	
6	Louise St	M.H. @ 13220 Louise St	Shoot to Lenny St & shoot under houses to Arthur St	
7	Louise St	M.H. @ 13170 Louise St	Shoot to Lenny St & also with flow to Van Buren	
8	Jackson St	M.H. @ Van Buren & Jackson	Shoot to F.I. on Jackson to Swaner	
9	Van Buren St	M.H. @ intersection Van Buren & Bolivar	Shoot to Jackson st	
10	Bolivar St	M.H. @ 207 Bolivar St	Shoot to Van Buren St	
11	Bolivar St	M.H. @ Bolivar & Soto Pl	Shoot to Santa Rita & also shoot with flow to Lift Station Shoot To Prado	
12	Prado St	M.H. @ 108 Prado St	Shoot to F.I. on Prado & also to N. Main St	
13	San Juan Grade Rd	M.H. @ 33 San Juan Grade Rd	Shoot to Boronda Rd	
14	Madrid St	M.H. @ Madrid St/ Madrid Cir	Shoot to dead end	
15	Madrid St	M.H. @ Cherokee & Madrid	Shoot to Segovia Cir	
16	Cherokee Dr	M.H. @ Cherokee & Seville Wy	Shoot both ways	
17	Seville Wy	M.H. @ Seville St & Seville	Shoot to Cherokee Dr	

Monthly:

No	Street	From	To	Lin Ft Ser
18	Seville St	M.H. @ 1606 Seville St	Shoot to Seville Wy / To F.I @ 1655	
19	Seville St	M.H. @ 1501 Duran St	Shoot to 1606 Seville St	
20	Douglas Ave	M.H. @ N. First St & Douglas	Shoot to F.I. on Douglas Ave	
21	N. First St	M.H. @ Curtis St & N. First St	Shoot to Douglas St	**Lower Pressure Toilet Blown out**
22	Adams St	M.H. @ Adams St & Tulane St	Shoot to Crescent Wy	
23	Rochex St	M.H. @ Rochex & N. Four @ cross walk	Shoot to Parkside St & shoot with flow to Laurel Dr	
24	W. Laurel Dr.	M.H. @ W. Laurel Dr & Baldwin St	Shoot to F.I. on Baldwin St	
25	Polk St	M.H. @ Polk St & Monroe	Shoo to F.I. towards W. Laurel Dr	
26	W. Laurel Dr	M.H. in front of black bear restaurant @ Parking lot	Shoot towards Laurel Inn sign	
27	Iris Alley	M.H. @ Iris Dr & Iris Alley	Shoot both ways let restaurant know before servicing	
28	Iris Dr	M.H. @ Iris Dr & Lupin Dr	Shoot to Iris Alley	
29	Lupin Dr	M.H. @ Lupin & Gardenia Cir	Shoot to Iris Dr	
30	Gardenia Cir	M.H. @ Gardenia Cir & Gardenia Dr	Shoot to Lupin & with flow to M.H. @ Heather Apartment M.H. Ice plant	
31	Iris Dr.	M.H. @ 350 Iris Dr	Shoo to Heather Apartment to M.H. @ Ice plant	
32	Iris Dr	M.H. @ Heather Apt. driveway	Shoot to Skyline Care Center around parking lot towards kitchen area & also shoot with flow to Heather cir	
33	Heather Cir	M.H. in front of 939 Heather cir	Shoot to Iris Dr	
34	Columbia Dr	Heather Dr	Shoot under houses to Parkside	
35	Columbia Dr	Heather Dr	Shoot to Lupin Dr	
36	N. Main St	M.H. @ N. Main St & Navajo	Shoot to Alvin Dr	
37	N. Main St	M.H. @ 1339 N. Main @ Wendy's	Shoot to Navajo	
38	N. Main St	M.H. @ N. Main & Curtis St	Shoot to Wendy's & also shoot to N. First St	

Monthly:

No	Street	From	To	Lin Ft Ser
39	N. Main St	M.H. @ N. Main & Rochex St	Shoot to Curtis St & also shoot to Parkside St	
40	N. Main St	M.H. @ 1165 N. Main St	Shoot to Rochex	
41	N. Main St	M.H. @ 1111 N. Main St	Shoot to M.H. @ 1165 N. Main St	
42	N. Main St	M.H. @ 1045 N. Main St Goodwill Store	Shoot to M.H. @ 1111 N. Main St	
43	N. Main St	M.H. @ Iris & N. Main	Shoot to M.H. @ 1045 N. Main St	
44	N. Main St	M.H. on N. Main @ Clear Channel billboard Sherwood Garden Shopping center	Shoot to Iris Dr	
45	N. Main St	M.H. @ N. Main & Bernal	Shoot to Sherwood garden shopping center & shoot with flow to Santa Clara St	
46	N. Main St	M.H. @ 500 N. Main St	Shoot to Hwy 101 underpass	
47	N. Main St	M.H. @ N. Main St & Deer St	Shoot to F.I. on Deer St & also shoot to Bernal Dr	
48	N. Main St	M.H. @ North east corner of Alvin/ N. Main St	Shoot to Wheeler M.H center along sidewalk to Julia St.	
49				
50	Julia St	M.H. @ 45 Julia St	Shoot under house to N. Main St	
51	Calaveras Dr	M.H. @ 680 Calaveras Dr @ Dead end	Shoot to Klamath & with flow to Natividad Rd	
52	Donner Wy	M.H. @ Emerald Dr	Shoot to Humboldt	
53	Tahoe Dr	M.H. @ 1741 Tahoe Dr	Shoot to Donner Wy	
54	Tahoe Dr	M.H. @ 1752 Tahoe Dr	Shoot to 1741 Tahoe & with flow to Natividad Rd	
55	Pescadero Dr	Los Coches	Shoot to El Sur Ave	
56	Natividad Rd	M.H. on island at Natividad & Millbrae	Shoot to Mexican Restaurant	
57	Marin Ave	M.H. @ E. Alvin & Marin Ave	Shoot to Mariposa St	
58	Rainier Dr	M.H. @ Rainier & Lassen	Shoot to Linwood	
59	Rainier Dr	M.H. @ Rainier & Tampico	Shoot to Lassen	
60	Rainier Dr	M.H. @ Rainier & Marin	Shoot to Tampico & shoot with flow	

Monthly:

No	Street	From	To	Lin Ft Ser
			to Natividad Rd	
61	Tampico Ave	M.H. @ Tampico & Elwood	Shoot to Linwood & also shoot to Chaparral Dr	
62	Chaparral Dr	M.H. @ 411 Chaparral Dr	Shoot under house	
63	Maryal Dr	M.H. @ Chaparral & Maryal	Shoot to F.I. on Chaparral to Noice & also shoot to North Salinas High	
64	Maryal Dr	M.H. @ Maryal & Reata	Shoot to Chaparral Dr	
65	Reata St	M.H. Reata & Dororo	Shoot to Maryal Dr	
66	Dororo St	M.H. @ Tapadero & Dororo	Shoot to Reata St	**Lower Pressure Toilet Blown out**
67	E. Laurel Dr	M.H. 13 E. Laurel Dr @ Laurel Square shopping center	Shoot under property line to Curtis St & also shoot to Tapadero St	
68	N. Main St	M.H. @ old Lucky,s Parking lot	Shoot with flow to sport complex	
69	@ Muni Parking Lot	F.I. next to restrooms	Shoot with flow towards entrance to ball park	
70	@ Muni Parking Lot	M.H. inside entrance @ muni ball park	Shoot towards snack bar& with flow towards sports complex maint. shed	
71	@ muni	M.H. @ entrance to soft ball fields @ Sport complex	Shoot to Maint. shed	
72	Bernal Dr	M.H. @ Bernal Dr & Alpine St	Shoot to M.H. in park next to swimming pool	
73	Bernal Dr	M.H. next to Tennis Court	Shoot to Park	
74	Bernal Dr	M.H @ Dirt Road	Shoot to F.I. @ 10 Bernal	
75	E. Rossi St	M.H. @ E. Rossi & California	Shoot to 150 Sherwood Dr	
76				
77	M.H. @ Kmart Parking Lot	M.H. @ Kmart Parking Lot	Shoot to Sherman Dr	
78	Sherman Dr	M.H.@ Sherman Dr/Sherman Cir	Shoot with flow to wall & also to Alvarado Dr	
79	Natividad Rd.	Rainer St.	Marin St.	
80	Nantucket	Whittman	De Cunha Ct.	
81	Newport Dr.	M.H @1642 Newport	Shoot Both Ways	
82	Imperial way	M.H @ Sutter	Manhole shoot to Napa way	

Monthly:

No	Street	From	To	Lin Ft Ser
South Salinas Area:				
1	Villa St	M.H. @ villa & Kirkwood	Shoot to Wilson	
2	Villa St	M.H. in front of Bus Station	Shoot M.H. @ Villa & Kirkwood	
3	Wilson St	M.H. @ villa St	Shoot to Catalina Ave	
4	Riker St	M.H. @ Central Ave	Shoot to Park St	
5	Anne St	Alexander St	Shoot to F.I. on Anne St	
6	W. Market St	Capitol St	Shoot to Stone St & also shoot to Riker	**Low Pressure Call 424-1928 American Supply Caroline or Perry**
7	Capitol St	M.H. @ Archer (2 M.H.)	Shoot both M.H. to W. Market St	
8	Station Pl	M.H. @ W. Market St	Shoot to Station building	
9	W. Market St	Stone St	Shoot to Station Pl	
10	Stone St	Central Ave	Shoot to W. Market St	
11	Central St	Capitol St	Shoot to Stone St	
12	Capitol St	M.H. @ intersection Gabilan & Capitol	Shoot to Archer	
13	Capitol St	M.H. @ W. Alisal St	Shoot to W. Gabilan St	
14	California Alley	M.H. @ E. Alisal St	Shoot both ways	
15	Gonzales Alley	M.H. @ E. Alisal St	Shoot both ways	
16	Greenfield Alley	M.H. @ E. Alisal St	Shoot both ways & shoot to front St & also with flow to Pajaro St	
17				
18	Harmony Ln	M.H. @ E. Alisal St	Shoot to E. San Luis St & also shoot to Monterey St	
19	Melody Ln	M.H. @ E. Alisal St	Shoot both ways (need to open M.H. at Gabilan to keep smell & overflowing in restaurant)	
20	Howard St	M.H. @ Lincoln St	Shoot to F.I. on Howard to Salinas St	
21	W. Alisal St	M.H. @ Lincoln & W. Alisal St	Shoot to San Luis St & shoot to Howard St & also shoot to Salinas St	Am List
22	Lacey Ln	M.H. @ E. Gabilan St	Shoot to Lacey Alley	

Monthly:

No	Street	From	To	Lin Ft Ser
23	E. Gabilan St	M.H. @ intersection of Gabilan/Monterey	Shoot to Lacey Ln	
24	Lodge Alley	M.H. @ Gabilan St	Shoot to Market St	
25	W. Alisal St	Capitol St	Shoot to Lorimer St	
26	Central Ave	San Gabriel	Shoot to National St & also shoot to College Dr	
27	San Gabriel Cir	M.H. @ dead end on San Gabriel	Shoot to Central & also shoot with flow to W. Alisal St	
28	W. Alisal St	M.H.@ 623 W. Alisal St	Shoot to San Gabriel	
29	Riker St	M.H. @ intersection Clay & Riker	Shoot to Lang St & shoot to F.I. on Clay St to Homestead (low pressure)	
30	Geil St	M.H. @ 247 Geil St	Shoot to Riker	
31	Geil St	M.H @ Iverson/Geil	Shoot to Riker St	
32	Iverson St	M.H. @ 805 Iverson	Shoot to Geil St	
33	College Dr	M.H. @ intersection Marion & College	Shoot to Iverson	
34	Lincoln Ave	M.H. @ intersection Clay & Lincoln	Shoot to F.I. on Lincoln to Avenue A	
35	Lincoln Ave	M.H. @ 500 Lincoln Ave	Shoot under parking lot to S. Main St	
36	Lincoln Ave	M.H. @ intersection San Luis St & Lincoln	Shoot to Clay St	
37	South Main St.	M.H @ John St.	Shoot both Ways	Am List
38	John St	M.H. @ Monterey & John St	Shoot to S. Main St	Am List
39	John St	M.H. @ intersection Pajaro & John	Shoot to San Luis St & also shoot Main St.	Am List
40	Pajaro St	M.H. @ 427 Pajaro St	Shoot to San Luis St (big line)	Am List
41	Pajaro St	San Luis St	Shoot to John St	
42	Abbott St	M.H. @ intersection John St & Abbott St	Shoot to Summer St (done A.M. due to traffic)	Am List
43	John St	M.H. @ intersection Front & John St	Shoot to Abbott St	Am List
44	Abbott St	M.H. @ slow lane on Sanborn @ Chevron Gas station side	Shoot all the way to537 Abbott St (acme car wash)	Am List
45	Abbott Pl	M.H. Bet. Fire Station #3 & gas	Shoot to R.R. tracks	

Monthly:

No	Street	From	To	Lin Ft Ser
		Station		
46	S. Main St	M.H. @ intersection San Joaquin & S. Main St	Shoot to Plaza Cir & also shoot to Pajaro St	
47	Woodside St	Briarwood St	Shoot to Baywood	
48	Sierra Madre St	M.H. @ Santa Monica & Sierra Madre	Shoot under homes to Blanco Rd	
49	Palma St	M.H. @ W. Alisal St & Palma	Shoot to Carmelita St	
50	Carmelita St	Palma St	Shoot to F.I on Carmelita St	
51	San Blanco Ct	M.H. @ San Blanco Las Cruces Wy	Shoot 3 directions one with flow under houses	
52	Kipling St	M.H. @ Kipling & Shelley Wy	Shoot to F.I. on Shelley Wy	
53	S. Main St	M.H. @ Stephanie/S. Main	Shoot south to Hwy 68	Am List
54	Stephanie Dr	M.H.@ 76 Stephanie Dr	Shoot to S. Main St	Am List
55	532 Capital Street	From M.H on Clay Street	to F.I on Capital	
56	W. Alisal Street	Homestead Ave.	Lorimer Street	Am List
57	Monterey St.	M.H @ East Alisal	Shoot to Pajaro and East Gabilan	Am List
58	W. Market St. Uni Kool Buis. Park	M.H in back of property	Villa St.	
59	W. Market St. Mission Linen	M.H in back of property	Shoot towards Villa St.	
60	Clark st.	M.H in school bus proprty	Shoot towards Villa St.	

Monthly:

No	Street	From	To	Lin Ft Ser
AM Manholes				
1				
2	S. Main St	M.H. @ intersection John & S. Main	Shoot both ways	
3	John St	M.H. @ Monterey & John St	Shoot to S. Main St	
4	John St	M.H. @ intersection Pajaro & John	Shoot to San Luis St & also shoot Main St.	
5	W. Alisal St	M.H. @ Lincoln & W. Alisal St	Shoot to San Luis St & shoot to Howard St & also shoot to Salinas St	
6	Pajaro St	San Luis St	Shoot to John St	
7	W. Alisal St	M.H. @ intersection Homestead & Alisal st	Shoot to Lorimer St	
8	Abbott St	M.H. @ intersection John St & Abbott St	Shoot to Summer St (done A.M. due to traffic)	
9	Abbott St	M.H. @ slow lane on Sanborn @ Chevron Gas station side	Shoot all the way to537 Abbott St (acme car wash)	
10	Tervin St	M.H. @ intersection Tervin & Sanborn Pl	Shoot to Vertin St	
11	S. Main St	M.H. @ Stephanie/S. Main	Shoot south to Hwy 68	
12	Stephanie Dr	M.H.@ 76 Stephanie Dr	Shoot to S. Main St	
13	E. Market St	M.H. @ Sanborn & Market	Shoot to both ways & shoot Market St to Cedar st	
14	E. Alisal St	M.H. @ Sanborn & Alisal	Shoot to Towt St	
15	Sanborn Rd	M.H. @ intersection Laurel & Sanborn	Shoot both ways	
16				

Sewer Hot Spot List
Revised 12/10/2024

Quarterly

No	Street	From	To	Lin Ft Ser
East Salinas Area: Serviced Every ---Feb. – May – Aug. – Nov.				
1	Kern St.	E. Alisal and Griffen St.	F.I. on Kern St.	500
2	S. Madiera St.	James St.	M.H. near apts on John St.	300
3	Mayfair St.	Sanborn Rd.	800 ft. on Mayfair	900
4	Meadow Dr.	Island on Sanborn Rd.	Meadow and Magnolia Dr.	600
5	Hwy 101 on ramp at 101 and SanbornRd.	101 on Ramp at Sanborn Rd.	Fairview Dr. heading East under Freeway	800
6	Airport Blvd.	M.H. on Airport Blvd. Across Smuckers	M.H. near Hanson St. and Airport Blvd.	900
7	Kimmel St.	N. Sanborn Rd.	F.I. on Kimmel St.	1150
8	Sunrise St.	Garner Ave.	F.I. on Sunrise St.	1070
9	Towt St.	Del Monte Ave.	F.I. at end of Towt	900
10	Wiren St.	Williams Rd.	F.I. end of Wiren St.	1000
11	Pacific St.	Del Monte Ave.	F.I. on Pacific St.	800
12	Acosta Plaza Apts.	M.H. near tree	M.H. in upper parking lot	800
13	New Deal St.	Del Monte Ave.	Cortez St.	800
14	Valencia St.	Kentucky Ave.	F.I. on Valencia St.	500
15	Garner Ave.	Towt St.	F.I. near Williams Rd.	1500
16	Pacific St.	Seiber St.	Del Monte Ave.	900
17	Pacific	Del Monte	F.I. on Pacific	800
18				

Sewer Hot Spot List
Revised 12/10/2024

Quarterly

No	Street	From	To	Lin Ft Ser
North Salinas Area: Serviced Every – Feb. – May – Aug. – Nov.				
1	Calveras Dr.	Klamath Dr.	Yreka Dr.	900
2	Dororo Dr.	Tapadero Dr.	Reata Dr.	1100
3	Kammen Park	Laurel Dr. In Park Area	Rochex Dr.	620
4	N. Main St.	Navajo St.	M.H. just beyond Bernal Dr. head South	6600
5	Deer St.	N. Main St.	F.I. On Deer St.	320
6	M.H. at Bernal Dr. and N.Main St.	M.H. at Bernal Dr. and N. Main St.	M. H. at Santa Clara St.	500
7	Columbine St.	M.H. at Columbine St. and Heather Dr.	M.H. at basketball Court near fence off of Parkside Dr. in rear of Apts.	580
8	E. Laurel Dr.	M.H. at N. Main St. and E. Laurel Dr. head East	800 East of Noice St. On East Laurel Dr.	800
9	E. Laurel Dr.	N. Main St. on Eastside of N. Main St.	M.H. in Old Lucky's Parking Lot near fence at Rodeo Grounds	350
10	Lucky Parking Lot near fence at Rodeo Grounds	Lucky Parking Lot near fence at Rodeo Grounds	Identify Locations when servicing M.H. to M.H. out to Bernal	????????????
11	Muni – Ball Park Stadium			500
12	Carpenter's Hall Rec Ditch	Bunkers at Carpenter's Hall Ditch – Northside	Bunkers just South of Main Rec Ditch 1665	300
13	33 San Juan Rd.	Manhole bet. N.Main and Boronda		400
14	Boronda Rd.	MH-E4-003	MH-E4-002	281.57
West Salinas Area: Serviced Every – Feb. – May – Aug. – Nov.				
1	Harmony Alley	W. Alisal St.	E. San Luis St.	800
2	Capitol St.	W. Alisal St.	Gabilan St.	800

Sewer Hot Spot List
Revised 12/10/2024

Quarterly

No	Street	From	To	Lin Ft Ser
3	Riker Terrace St.	W. Alisal St. and Riker Terrace	F.I. on Riker Terrace	1000
4	W. Alisal St.	Lorimer St.	800’ To Capitol St.	1000
5	Lincolin St.	Clay St.	M.H. South of Liquor Store	600
6	Monterey St.	E. Alisal St.	Gabilan St.	700
7	Lacey Lane	Gabilan St..	Market St.	600
8	Gabilan St.	Monterey St.	Lacey Lane	200
9	Lodge Alley	Gabilan St.	Market St.	700
10	150 Sherwood Dr.	Service line from Rossi at California St. heading North through empty lot next to PGE	If you can’t get through line from Rossi and California than go to F.I.	500
South Salinas Area: Serviced Every – Feb. – May – Aug.- Nov.				
1	Sierra Madre Dr.	Santa Monica Dr.	Service with flow to Blanco St.	200
2	San Juaquin St.	S. Main St.	F.I. on San Juaquin St.	700
3	S. Main St.	F.I. near Winham St.	M.H. at John St. and Pajaro St.	800
4	S. Main St.	SanJuaquin St.	F.I. on S. Main St.	500
5	John St.	Pajaro St.	S. Main St.	800
6	Pajaro St.	San Luis	John St.	800

Appendix 8 Cover Sheet *- CIP*

8A – Lift Station Ranking Matrix

8B – CIP Ranking Matrix

8C1 – Existing CIP

8C2 – Existing Lift Station CIP

8C3 – Future CIP

8D – Capital Projects Schedule

TABLE 7-3
CITY OF SALINAS SSMPU
EXISTING LIFT STATION CIP RANKING MATRIX

Importance Factor	5	4	3	3	2	2	2	1			
Project Name	Overflow to Water Body of the State Yes - 10 No - 0	Inspection Frequency Emergency Callouts-10 Daily Inspections-5 Weekly Inspections-0	Existing Pumping Capacity Deficiencies Yes-10 No-0	Peak Hour Emergency Response Time 0-15 minutes-10 15-30 minutes-5 Greater than 30 minutes-0	Bypass Required? Yes-5 No-0	Onsite Generator with Automatic Transfer Switch Required? Yes-5 Replace Generator-3 No-0	Critical Control/Electronic Upgrades Required? Yes-5 No-0	Community Impact < 5,000 - 0 5,001 to 10,000 - 5 >10,000 - 10	Impacted By Future Development Yes/No	Score = Importance Factor X Points	Ranking
Lake St Lift Station	10	10	10	10	0	3	5	10	Yes, Target Area V, East Alisal Street/East Market Street, Central Area and East Area Specific Plans, and East Area FGA **Pumps must be upsized for future flows.**	176	1
Santa Rita Lift Station	10	10	0	10	5	3	5	5	Bolsa Knolls Septic Conversion & Target Area K	151	2
Carpenter Hall Lift Station	10	5	0	10	5	3	0	10	Yes, North Boronda FGA and Targe Areas K & V	126	3
De La Torre Lift Station	10	10	0	0	5	5	5	0	Possible, Southeast FGA **Pumps may need to be upsized for future flows**	120	4
Spicer Lift Station	10	10	0	0	5	5	5	0	No	120	5
Mill Lake Lift Station	10	5	0	10	5	0	5	0	No	120	6
Vista Nueva Lift Station	10	10	0	0	0	0	0	0	No	90	7
Las Casitas Lift Station	10	0	0	10	0	0	5	0	No	90	8
TP2 Lift Station	10	0	0	0	5	3	0	10	Yes, East Alisal Street/East Market Street and East FGA. **Pumps must be upsized for future flows.**	76	9
Harkins Lift Station	0	10	0	0	5	5	5	0	Yes, Salinas Ag-Industrial Center **Pumps must be upsized for future flows**	70	10
Airport Lift Station	10	0	0	0	0	0	0	0	Yes, Southeast FGA	50	11

TABLE 7-2
CITY OF SALINAS SSMPU
EXISTING HYDRAULIC AND MAINTENANCE REPAIR CIP RANKING MATRIX

Importance Factor		5	4	3	2	1			
Project Name	Type of Project	Overflow to Water Body of the State Yes - 10 No - 0	Design Standard Meets Design Standard - 0 Doesn't Meet Design Standards - 2 Surcharging - 5 Overflowing - 10	Maintenance Hot Spot Not Critical - 0 Yearly Check - 5 Weekly or Monthly Checks - 10	Community Impact < 5,000 - 0 5,001 to 10,000 - 5 >10,000 - 10	Near City Manhole Monitor Yes-5 No-0	Impacted By Future Development Yes/No	Score = Importance Factor X Points	Ranking
Cesar Chavez Park (includes North Madeira Avenue Repairs)	Hydraulic Deficiency	10	5	5	10	0	Yes, East Alisal Redevelopment	105	1
Upper Carr Lake Repairs	O&M	10	0	10	10	0	Yes, North Boronda FGA	100	2
Upstream TP2 Diversion	Hydraulic Deficiency	10	5	0	10	0	No	90	3
Northridge Mall	Hydraulic Deficiency	10	5	0	10	0	Yes, Target area K	90	4
East Market and Upstream of Lake Street Repairs	O&M	10	0	5	5	0	No	75	5
Louis & Van Buren Repairs	O&M	10	0	5	0	5	No	70	6
West Market at Davis Overcrossing	O&M	10	0	5	0	0	Yes, West Boronda FGA	65	7
Cherokee Dr	Hydraulic Deficiency	0	5	0	10	5	Yes, Target Area K	45	8
Malarin St and Wilgart Way Repairs	O&M	0	5	5	5	0	No	45	9
Romie Lane Repairs & Reconfiguration Analysis	O&M	0	0	10	5	0	No	40	10
King Street Repairs	O&M	0	0	10	0	5	No	35	11
Del Monte and Mae Repairs	O&M	0	0	10	0	5	No	35	12
Riker Street Repair	O&M	0	0	10	0	5	No	35	13
West Market Street Repairs	O&M	0	0	10	0	5	No	35	14
Johnson Place Repairs	O&M	0	5	5	0	0	No	35	15
N Main St Hwy 101 Underpass Bunker Repair	O&M	0	0	10	0	0	Yes, Target area V	30	16
Donner Way Repair	O&M	0	0	10	0	0	No	30	17
San Miguel Ave Repair	O&M	0	0	10	0	0	No	30	18
Noice Drive/Tyler Street	Hydraulic Deficiency	0	5	0	5	0	No	30	19
Natividad Rd or Alternative Natividad Consolidation	Hydraulic Deficiency	0	5	0	5	0	Yes, Target area V, north boronda FGA	30	20
Acacia, Bautista, Woodside Repairs	O&M	0	0	5	0	5	No	20	21
Comanche, Polk, and North First Repairs	O&M	0	0	5	0	5	Yes, Target area K	20	22
Sherwood Dr Repairs	O&M	0	0	5	0	5	Yes, Target area V	20	23
East Laurel and Williams Repairs	O&M	0	0	5	0	0	No	15	24
Hoover Street Repair	O&M	0	0	5	0	0	No	15	25

TABLE 7-2
CITY OF SALINAS SSMPU
EXISTING HYDRAULIC AND MAINTENANCE REPAIR CIP RANKING MATRIX

Importance Factor		5	4	3	2	1			
Project Name	Type of Project	Overflow to Water Body of the State Yes - 10 No - 0	Design Standard Meets Design Standard - 0 Doesn't Meet Design Standards - 2 Surcharging - 5 Overflowing - 10	Maintenance Hot Spot Not Critical - 0 Yearly Check - 5 Weekly or Monthly Checks - 10	Community Impact < 5,000 - 0 5,001 to 10,000 - 5 >10,000 - 10	Near City Manhole Monitor Yes-5 No-0	Impacted By Future Development Yes/No	Score = Importance Factor X Points	Ranking
Katherine Ave & Pajaro St Repairs	O&M	0	0	5	0	0	No	15	26
Wood Street Reconfiguration Analysis	O&M	0	0	5	0	0	No	15	27
Inflow/Infiltration Evaluation	Hydraulic	--	--	--	--	--	--	--	Dependent on significant wet weather year
CCTV Inspection Program	O&M	--	--	--	--	--	--	--	Annual Program
Brick Manhole Inspection & Replacement	O&M	--	--	--	--	--	--	--	Ongoing Inspection
Flushing Inlet (Cleanout) Inspection & Replacement	O&M	--	--	--	--	--	--	--	Ongoing Inspection

TABLE 7-4.
CITY OF SALINAS EXISTING CAPITAL IMPROVEMENT PROGRAM (CIP)

Project #	Title	Description	Tributary Area	Length (Ft)	Old Diameter (in)	New Diameter (in)	Street	Location	Upstream Manhole Number	Downstream Manhole Number	Construction Cost ($)	Soft Cost ($)*	Total Project Cost ($)**
1	**Cesar Chavez Park**	Upsize sewer main	Lake St	2,100	15	18	Acosta Plz	Garner Ave to E Laurel Dr	J7-007	K7-017	$8,369,000	$3,347,600	**$11,716,600**
			Lake St	3,000	21	24	Open Space/Park	E Laurel Dr to near Circle Dr	K7-017	L6-001			
			Lake St	3,500	24	27	Open Space/Park	Circle Dr to Longbow Way	L6-001	K5-007			
		New sewer main	Lake St	70	--	24	Open Space/Park	Near Yorkshire Way	K5-007	K5-014			
CCTV evaulation noted pipe encrustations and manholes need new frames, covers, and lining in a portion of the Cesar Chavez Park CIP. These repairs are noted below and should be replaced if Cesar Chavez Park CIP is not constructed in the near term.													
1.1		Mark Thomas 2017 Findings Minor defects, needs new frame and cover, lining interior of manhole (Garde:10) (K5-001); Visible agregate and broken frame, needs new frame & cover, lining interior of manhole (Grade: 3) (K5-003); Pipe (Grade:4),WLS of 0.6, encrustations	Lake St	380	24	24	N Madeira Ave	N Madeira north of Cesar Chavez park between St Helen Way and Terrace St	K5-001	K5-003	$438,000	$175,200	**$613,200**
2	**Upper Carr Lake Repairs**	Mark Thomas 2017 Findings New MH frame and cover, install marker (Grade:5) (MH I6-004); expose and raise MH- curently buried (Grade:10) (I6-006); New MH frame and cover, install marker (Grade:10) (I6-005); (I6-004 to I6-006) Pipe WLS =0.35, root ball, (Grade: 3); (I6-006 to I6-005) (Grade:2)	Lake St	410	21	21	Laurel Dr.	Bike Trail Near Veteran's Way	I6-004	I6-005	$396,500	$158,600	$555,100
		Mark Thomas 2017 Findings New MH frame & cover w/ PCC collar, line in 5 yrs (Grade:3) (J6-001); New frame & cover w/ PCC collar, line in 5 yrs (Grade:3) (J6-002);Pipe d/D: 0.75, grease deposits (Grade: 10)	Lake St	300	27	27	Trail around Upper Carr Lake	Off of E Laurel Dr near Veteran's Way	J6-001	J6-002	$406,000	$162,400	$568,400
										Total Repair Project Costs	$802,500	$321,000	**$1,123,500**
3	**Upstream TP2 Diversion**	Weir Construction	TP2	--	--	--	East Alisal St	South Sanborn Rd	M6-012	--	$45,000	$18,000	**$63,000**
4	**Northridge Mall**	Upsize sewer main	--	2,300	15	18	North Main St	From East Boronda Road to San Juan Grade Road	E4-007	F4-011	$1,916,000	$766,400	**$2,682,400**
		Sewer Main Connection/Realignment	--	320	--	18	North Main St	From Big 5 Sporting Goods to Harden Pkwy	F4-007	F4-031			

TABLE 7-4.
CITY OF SALINAS EXISTING CAPITAL IMPROVEMENT PROGRAM (CIP)

Project #	Title	Description	Tributary Area	Length (Ft)	Old Diameter (in)	New Diameter (in)	Street	Location	Upstream Manhole Number	Downstream Manhole Number	Construction Cost ($)	Soft Cost ($)*	Total Project Cost ($)**
5	**East Market and Upstream of Lake Street Repairs**	Mark Thomas 2017 Findings Expose and raise MH to grade, buried (Grade:10) (K5-008)	Lake St	--	--	--	Yorshire Way	Yorkshire Way, between Longbow Way and Doncaster Pl	K5-008	--	$5,900	$2,360	$8,260
		Mark Thomas 2017 Findings Expose and raise MH to grade, buried (Grade:10) (K5-010); Pipe broken, encrustations (Grade:5)	Lake St	150	24	24	Longbow Way	Long bow Way and Kern St	K5-009	K5-010	$169,400	$67,760	$237,160
		Mark Thomas 2017 Findings Replace frame & cover w PCC collar, reline, Corroded frame & chimney (Grade: 10) (K5-012); Replace Frame & cover w PCC collar, install marker, corrosion, grease and surcharge (Grade:10) (K5-021); Pipe cracks, grease deposits, (Grade:3); Replace frame & cover w PCC collar, install marker, corroded frame and aggregate (Grade:3) (K5-019); Replace frame & cover, install ecc. Cone for fence, corroded frame & heavy grease & surch. (Grade:10) (K5-020); Pipe WLS: 0.25,d/D:0.9, grease deposits (Grade:2)	Lake St	840	24 & 30	24 & 30	East of Sun St	Between Sun St and HWY 101	K5-012, K5-019	K5-020, K5-021	$1,125,100	$450,040	$1,575,140
		Mark Thomas 2017 Findings New frame & cover, lining interior of manhole (Grade:10) (L4-002 and L4-004)	Lake St	--	--	--	E Market St	E Market St, between Sun St and Peach Dr	L4-002	L4-004	$23,800	$9,520	$33,320
										Total Repair Project Costs	$1,324,200	$529,680	**$1,853,880**
The Louis and Van Buren maintenance repairs are along the future San Juan Grade CIP. These segments should be replaced if the future San Juan Grade CIP is not constructed in the near term.													
6	**Louise and Van Buren Street Repair**	Pipe sags, surcharging manholes	Santa Rita	260	8	8	Louise St	Louise St, between Lenny St and Louise Ct	D5-001	D4-003	$149,000	$59,600	$208,600
		Pipe sags, surcharging manholes	Santa Rita	70	8	8	Van Buren Ave	near East Bolivar St	D4-007	D4-055	$63,500	$25,400	$88,900
										Total Louise and Van Buren St Repair Project Costs	$212,500	$85,000	**$297,500**
7	**West Market at Davis Overcrossing**	Bunker doors on Large Trunk line need replacement	--	--	--	--	West Market St	N Davis Road Overcrossing	J2-045	K2-038	$13,350	$5,340	**$18,690**
8	**Cherokee Drive**	Upsize sewer main	--	1,600	18	24	Cherokee Dr	From Seminole Way to Tulane Street	G3-008	H3-009	$1,920,000	$768,000	**$2,688,000**
9	**Malarin St and Wilgart Way Repairs**	Pipe issue joints, roots	--	380	8	8	Wilgart Way	Wilgart Way, E Romie Ln to Fl	O4-050	O4-011	$171,000	$68,400	$239,400
		Mark Thomas 2017 Findings Heavy corrosion, reline manhole (Grade:4)	--	--	--	--	Near Railroad	Between Work St and Brunken Ave, near railroad	N5-003	--	$9,300	$3,720	$13,020
		Mark Thomas 2017 Findings Grease deposits and surcharging, recommend PCC collar to prevent I/I, new bench and rechannelize (Grade:10)	--	--	--	--	Los Palos Dr	Near intersection of Los Palos Dr and Fairmont Dr	O5-019	--	$6,300	$2,520	$8,820
										Total Repair Project Costs	$186,600	$74,640	**$261,240**
10	**Romie Lane Repairs & Reconfiguration Analysis**	Hydrogen Sulfide damage, MH rings and lids need replacement. Concrete in roadway. Recommended reconfiguration analysis before repairs.		4,030	18	18	Romie Lane	Near Los Palos Drive to South Main Street	O4-007	N3-002	--	$100,000	**$100,000**
11	**King Street Repairs**	Major pipe sags	TP2	1,170	8	10	King St	King St, E Market to E Alisal	L5-033	L5-039	$585,000	$234,000	**$819,000**
12	**Del Monte and Mae Repairs**	Trough pipe missing in MH	Lake St	--	--	--	C Street	On C St, Galindo St to Mae Ave	--	K8-012	$16,000	$6,400	$22,400
		Pipe sags, needs replacement	Lake St	820	8	8	Del Monte Ave	Del Monte Ave, Mae Ave to Green St	K8-011	J8-020	$369,000	$147,600	$516,600

TABLE 7-4.
CITY OF SALINAS EXISTING CAPITAL IMPROVEMENT PROGRAM (CIP)

Project #	Title	Description	Tributary Area	Length (Ft)	Old Diameter (in)	New Diameter (in)	Street	Location	Upstream Manhole Number	Downstream Manhole Number	Construction Cost ($)	Soft Cost ($)*	Total Project Cost ($)**
		Pipe sags, broken pipe, trough and pipe are gone	Lake St	830	6	6	Mae Ave	Mae Ave, D St to Del Monte	J8-008	K8-013	$332,000	$132,800	$464,800
										Total Repair Project Costs	$717,000	$286,800	**$1,003,800**
13	**Riker Street Repair**	Pipe has damage and missing sections at manhole	--	20	6	6	Riker Street	Lang Street	--	M3-035	$8,000	$3,200	**$11,200**
14	**West Market Street Repairs**	Pipe has major sags, consider re-alignment of section. Concrete in roadway.	--	450	8	8	Villa Street	At Villa St and Kirkwood Ave	L2-016	K3-016	$231,750	$92,700	$324,450
		Both F.I.'s are blown out	--	--	--	--	West Market St	Near El Cerrito Market	L3-043	L3-010	$32,000	$12,800	$44,800
		Pipe sags. Concrete in roadway.	--	840	6	6	Capitol St	Capitol St, W Market St to Archer St	L3-013	L3-040	$336,000	$134,400	$470,400
		Pipe sags. Concrete in roadway. Replace F.I. with new manhole.	--	710	6	6	Capitol St	Capitol St, Archer St to F.I.	L3-041	F.I	$346,150	$138,460	$484,610
										Total Repair Project Costs	$945,900	$378,360	**$1,324,260**
15	**Johnson Place Repairs**	Pipe damage, sags, spidering under tracks, ongoing backups, MH O5-005 has settled, always surcharging	--	1,470	12	12	Johnson Pl	Johnson Pl Abbott Pl to railroad tracks	N5-011	O5-005	$839,200	$335,680	**$1,174,880**
16	**N Main St Hwy 101 Underpass Bunker Repair**	Bunker damage to pipe, pipe missing at bunker on both sides, clogging	--	50	10	10	N Main St	N Main St at Hwy 101	J4-012	J4-013	$25,000	$10,000	**$35,000**
17	**Donner Way**	Pipe damages, sags, etc.	Carpenter Hall	280	8	8	Donner Way	Truckee Way to Emerald Dr	G6-037	G6-060	$126,000	$50,400	**$176,400**
18	**San Miguel Ave Repair**	Pipe Damage; broken pipe 10-feet from manhole	--	10	8	8	Pajaro St	Pajaro St and San Miguel	04-025	O3-038	$4,500	$1,800	**$6,300**
19	**Noice Drive/Tyler Street**	Upsize sewer main	--	2,100	8	12	Noice Dr	From Chaparral Street to East Laurel Drive	G4-015	H4-011	$3,400,000	$1,360,000	**$4,760,000**
		Reconstruct manhole	--	--	--	--	E Laurel Dr	East Laurel Drive near N Main Street	H4-012	--			
		New sewer main	--	60	--	12	E Laurel Dr	East Laurel Drive to North Main Street	H4-006	H4-001			
		Upsize sewer main	--	3,300	12	15	Tyler Street	West Laurel Drive down to HWY 101	H3-023	I3-001			
20	**Natividad Rd**	Upsize sewer main	Carpenter Hall	2,700	12	15	Natividad Rd	From near Sausal Drive to East Alvin Drive	G6-002	H6-003	$6,090,000	$2,436,000	**$8,526,000**
		Weir Construction	Carpenter Hall	--	--	--	Natividad Rd	East Alvin Drive	H6-003	--			
		Upsize sewer main	Carpenter Hall	3,600	15	18	Natividad Rd	East Alvin Drive to near East Laurel Drive	H6-003	I5-007			
			Carpenter Hall	305	12	15	Off of Sherwood Dr	From Sherwood Drive toward East Bernal Drive	J5-003	J5-005			
			Carpenter Hall	2,000	15	18	Parallel to E Bernal Dr and N Main St	From near Sherwood Dr to Santa Clara Ave	J5-005	J4-010			
	Alternative Natividad Consolidation	Upsize sewer main	--	2,400	15	21	Natividad Rd	East Alvin Drive to Pacheco St	H6-003	I5-011	$9,120,000	$3,648,000	**$12,768,000**
			--	5,000	15	24	Natividad Rd	to Sherwood Park on East Bernal Drive	I5-011	J4-022			
			--	1,100	21	30	Easement	Portion along Alpine Dr	J4-022	J4-011			
			--	620	21	30	Under Highway 101		J4-011	K4-002			

TABLE 7-4.
CITY OF SALINAS EXISTING CAPITAL IMPROVEMENT PROGRAM (CIP)

Project #	Title	Description	Tributary Area	Length (Ft)	Old Diameter (in)	New Diameter (in)	Street	Location	Upstream Manhole Number	Downstream Manhole Number	Construction Cost ($)	Soft Cost ($)*	Total Project Cost ($)**
21	**Acacia, Bautista, Woodside Repairs**	Pipe Sags, replace F.I. with new manhole	--	130	8	8	Acacia Circle North	W Acacia St	F.I.	N3-039	$74,500	$29,800	$104,300
		Pipe Sags	--	280	8	8	Woodside Dr	Woodside Dr, Teakwood Pl to Riker St	O3-016	O3-015	$126,000	$50,400	$176,400
		Pipe Sags	--	490	8	8	Bautista Dr	Bautista Dr, W Romie Ln to Orange Dr	N3-014	N3-060	$220,500	$88,200	$308,700
		Pipe issue joints, roots, offsets, replace F.I. with new manhole	--	230	8	8	Bautista Dr	Bautista Dr, F.I to W Acacia	F.I	N3-029	$119,500	$47,800	$167,300
										Total Repair Project Costs	$540,500	$216,200	**$756,700**
22	**Comanche, Polk, and North First Repairs**	Pipe issue, joints, replace F.I. with new manhole	--	690	6	6	Comanche Way	Shawnee Way to Cherokee Dr	F.I.	G3-010	$292,000	$116,800	$408,800
		Pipe issue joints, roots, replace F.I. with new manhole	--	490	8	8	Polk St	Polk St, Monroe St to W Laurel Dr	F.I.	I3-045	$236,500	$94,600	$331,100
		Pipe sags	--	640	8	8	N 1st St	N 1st St, Boeing Ave, W Curtis St	H4-061	H4-054	$288,000	$115,200	$403,200
										Total Repair Project Costs	$816,500	$326,600	**$1,143,100**
23	**Sherwood Dr Repairs**	Pipe cracks at 220-ft mark downstream from K4-052. Obstruction (possibly old water line) in K4-076	Lake St	840	12	12	Sherwood Dr	Near Sioux Dr to E Rossi St	K4-052	K4-076	$486,400	$194,560	**$680,960**
24	**East Laurel and Williams Repairs**	Pipe sags, broken pipe	--	450	10	10	Easement	E Laurel Dr at 105 Oregon St	K7-011	K7-014	$225,000	$90,000	$315,000
		Pipe sags	--	1,080	8	8	Williams Rd	Williams Rd, E Market St to Quilla St	L7-009	M7-006	$486,000	$194,400	$680,400
										Total Repair Project Costs	$711,000	$284,400	**$995,400**
25	**Hoover Street Repair**	F.I. repair blown out	Santa Rita	--	--	--	Hoover Street	1885 Hoover Street	--	--	$16,000	$6,400	**$22,400**
26	**Katherine Ave & Pajaro St Repairs**	Mark Thomas 2017 Findings Exposed aggregate & heavy corrosion,fiberglass peeling, weld cover, recommend reline manhole, new bench, and rechannelize (Grade:10) (O4-001); Welded/broken cover, recommend new frame & cover (Grade:10), (O4-002); Pipe d/D 0.85 (Grade: 1)	--	--	--	--	Katherine Ave	Katherine Ave and Alameda Ave	O4-001	O4-002	$16,800	$6,720	$23,520
		Mark Thomas 2017 Findings Corrosion, broken cover, rechannel, needs new manhole (Grade:10)	--	--	--	--	Pajaro St	Pajaro St near Katherine Ave	O4-006	NA	$14,600	$5,840	$20,440
										Total Repair Project Costs	$31,400	$12,560	**$43,960**
27	**Wood Street Reconfiguration Analysis**	Pipe sags, always plugs, can't CCTV Entire area needs reconfiguration	Lake St	1,820	--	--	Easement	Between Wood and Roosevelt Street	L5-029	L5-034	--	$50,000	**$50,000**
--	**CCTV Program**	CCTV inspection of 20% (approximately 58 miles) of the collection system each year	All	--	--	--	--	--	--	--	--	$9,392,000	**$9,392,000**
--	**Inflow/Infiltration Evaluation**	Conduct full I/I evaluation of the entire collection system (during significant wet weather year) and update the sewer model	All	--	--	--	--	--	--	--	--	$140,000	**$140,000**
--	**Brick Manhole Inspection & Coat/New Manhole Replacement**	Inspect and replace brick manholes (108 based on field survey and City input)	All	--	--	--	--	--	--	--	Coat: $432,000 New Manhole: $1,728,000	Coat: $172,800 New Manhole: $691,200	**Coat: $604,800** **New Manhole: $2,419,200**
--	**Flushing Inlet (Cleanout) Inspection & Port/New Manhole Replacement**	Inspect and replace flushing inlets/cleanouts (1,403 based on City GIS)	All	--	--	--	--	--	--	--	Inspection Port: $4,910,500 New Manhole: $22,448,000	Inspection Port: $1,964,200 New Manhole: $8,979,200	**Inspection Port: $6,874,700** **New Manhole: $31,427,200**
												EXISTING SEWER PROJECT CIP TOTAL COSTS	**$59-$90 million**

***Soft costs include a 40% escalation of the construction costs for planning, engineering, CM, legal/admin.**
****All CIP costs are expressed in May 2022 dollars, using McGraw-Hill ENR Construction Cost Index of 13004, and will need to be escalated to the year or years scheduled for the work.**

TABLE 7-5.
CITY OF SALINAS EXISTING LIFT STATIONS CAPITAL IMPROVEMENT PROGRAM (CIP)

Project #	Title	Description	Tributary Area (Acres)	PHDW Flow (gpm)	Firm Capacity	Street	Location	Upstream Manhole Number	Downstream Manhole Number	Construction Cost ($)	Soft Cost ($)*	Total Project Cost ($)**
1	**Lake Street Lift Station**	Full lift station replacement/relocation, see cutsheet for summary	4,108	6,375	-13%	146 East Rossi Street	Intersection of E Lake St and E Rossi St across from Monterey County Housing Alliance	K4-022	K4-019	9,500,000	3,800,000	**13,300,000**
2	**Santa Rita Lift Station**	Full lift station replacement, see cutsheet for summary	348	670	112%	2021 Sucre Court	Behind the parking lot of Salinas Valley Motel	D4-019	--	3,500,000	1,400,000	**4,900,000**
3	**Spicer Lift Station**	Full lift station replacement, see cutsheet for summary	79	99	107%	59 Spicer St	On Spicer street near A & S Metals	N5-009	N5-007	2,200,000	880,000	**3,080,000**
4	**Mill Lake Lift Station**	Full lift station replacement, see cutsheet for summary	43	132	287%	81 Gardenia Dr	Off of Heather Circle	J4-020	I3-001	2,750,000	1,100,000	**3,850,000**
5	**Carpenter Hall Lift Station**	Lift station rehabilitation, see cutsheet for summary	508	1,226	31%	516 North Main St	Behind the Coast Auto Insurance parking lot	J4-011	K4-002	1,050,000	420,000	**1,470,000**
6	**De La Torre Lift Station**	Full lift station replacement, see cutsheet for summary	10	7	4845%	1200 De La Torre St	Across De La Torre St from Inns of California Salinas	O7-001	N7-009	1,200,000	480,000	**1,680,000**
7	**Vista Nueva Lift Station**	Full lift station replacement, see cutsheet for summary	6	41	408%	704 Garner Ave	Off Garner Ave near Natividad Creek	J7-034	J7-014	2,200,000	880,000	**3,080,000**
8	**Harkins Road Lift Station**	Full lift station replacement, see cutsheet for summary	146	135	175%	1200 Harkins Rd	Intersection of Dayton St and Harkins Rd	Q6-001	Q6-009	1,300,000	520,000	**1,820,000**
9	**Las Casitas Lift Station**	Lift station rehabilitation, see cutsheet for summary	38	137	189%	721 Las Casitas Dr	Near intersection of Ranchero Dr and Las Casitas Dr	I7-001	--	650,000	260,000	**910,000**
10	**TP2 Lift Station**	Full lift station replacement, see cutsheet for summary	136	279	99%	650 Elvee Dr	Across Alisal Creek from Fleet Service Center	N5-006	N5-022	2,500,000	1,000,000	**3,500,000**
11	**Airport Lift Station**	Lift station rehabilitation, see cutsheet for summary	584	60	960%	730 La Guardia St	South west corner of the Ramco Enterprise LP parking lot	O8-004	O8-005	800,000	320,000	**1,120,000**
											EXISTING LIFT STATION CIP TOTAL PROJECT COSTS	**38,710,000**

***Soft costs include a 40% escalation of the construction costs for planning, engineering, CM, legal/admin.**
****All CIP costs are expressed in May 2022 dollars, using McGraw-Hill ENR Construction Cost Index of 13004, and will need to be escalated to the year or years scheduled for the work.**

TABLE 7-6.
CITY OF SALINAS FUTURE CAPITAL IMPROVEMENT PROGRAM (CIP)

Title	Description	Tributary Area	Length (Ft)	Old Diameter (in)	New Diameter (in)	Street	Location	Upstream Manhole Number	Downstream Manhole Number	Construction Cost ($)	Soft Cost ($)*	Total Project Cost ($)**
San Juan Grade	Upsize sewer main	Santa Rita	3,800	8 and 10	12	San Juan Grade Road	From Russell Rd to Van Buren Ave	C5-008	D4-055	$2,370,000	$948,000	**$3,318,000**
North Davis Road	Upsize sewer main	--	240	18	24	Tulane Street	Between Cherokee Dr and US HWY 101	H3-009	H3-013	$8,430,000	$3,372,000	**$11,802,000**
		--	1,700	24	30	N Davis Rd	HWY 101 to Calle del Adobe	H3-013	H2-002			
		--	3,400	30	32	Parallel to N Davis Rd	Calle del Adobe to intersect with N Davis Rd near Rossi Rico Parkway	H2-002	J2-047			
West Laurel Drive	Upsize sewer main	--	1,550	12	15	W Laurel Dr	From N Main St to near Laurel Park	H4-001	H3-023	$1,020,000	$408,000	**$1,428,000**
Victor Street	Upsize sewer main	--	1,600	15	18	Victor St	From Ashby Way to W Rossi St	J3-012	J2-007	$1,250,000	$500,000	**$1,750,000**
Freedom Parkway	Upsize sewer main	Lake St	2,025	10	15	Freedom Parkway	From Estrella Way to N Sanborn Rd	J9-005	J9-001	$3,280,000	$1,312,000	**$4,592,000**
		Lake St	2,725	12	18	Freedom Parkway	From N Sanborn Rd to Nogal Dr	J9-001	I8-013			
Natividad Creek Park	Upsize sewer main	Lake St	230	18	21	Natividad Creek Park	Crossing Freedom Parkway to Natividad Creek Park	H8-002	H8-004	$4,590,000	$1,836,000	**$6,426,000**
		Carpenter Hall	3,800	24	27	Natividad Creek Park	Natividad Creek Park to Twin Creeks Golf Course	H8-004	I7-005			
East Alisal Street	Upsize sewer main	--	5,400	15	18	E Alisal St	From Bardin Rd to Williams Rd	M8-010	M7-009	$5,780,000	$2,312,000	**$8,092,000**
		Part in TP2	2,200	18	21	E Alisal St	From Williams Rd to S Sanborn Rd	M7-009	M6-012			
Abbott Street	Upsize sewer main	--	1,300	12	15	Abbott St	From Harris Rd	Q7-001	Q7-004	$1,920,000	$768,000	**$2,688,000**
		--	850	12	15	Abbott St	To Harkins Rd	P6-015	P6-006			
		--	700	15	18	Harkins Rd	From Abbot St toward Schilling Pl	P6-006	after P6-003 (no City ID)			

TABLE 7-6.
CITY OF SALINAS FUTURE CAPITAL IMPROVEMENT PROGRAM (CIP)

Title	Description	Tributary Area	Length (Ft)	Old Diameter (in)	New Diameter (in)	Street	Location	Upstream Manhole Number	Downstream Manhole Number	Construction Cost ($)	Soft Cost ($)*	Total Project Cost ($)**
South Sanborn Road	Increase Overflow Elevation	TP2	--	--	65.09 ft (elevation)	S Sanborn Rd	S Sanborn at E Alisal St	--	M6-012	$5,980,000	$2,392,000	**$8,372,000**
	Upsize Sewer Main	--	4,365	18	21	S Sanborn Rd	From E Alisal St to Pellet Ave	M6-012	O6-006			
		--	500	21	24	S Sanborn Rd	From Pellet Ave to Industrial St	O6-006	O6-008			
		--	1,500	24	27	S Sanborn Rd	From Industrial St to near Abbott St	O6-008	O5-002			
												$48,468,000

***Soft costs include a 40% escalation of the construction costs for planning, engineering, CM, legal/admin.**
****All CIP costs are expressed in May 2022 dollars, using McGraw-Hill ENR Construction Cost Index of 13004, and will need to be escalated to the year or years scheduled for the work.**

City of Salinas Capital Projects

Last Updated 3/7/25: Projects Identified as Planned are contingent on 2025 Prop 218 Funding which had not been approved at the time the SSMP was developed.

Lift Stations

Ranking	Title	Description	Project Status	Source of Funding
1	Lake Street Lift Station	Full lift station replacement/relocation	*Planned for Completion 2029*	Sewer Enterprise Fund
2	Santa Rita Lift Station	Full lift station replacement	*Planned for Completion 2029*	Sewer Enterprise Fund
3	Spicer Lift Station	Full lift station replacement	*Planned for Completion 2030*	Sewer Enterprise Fund
4	Mill Lake Lift Station	Full lift station replacement	*Planned for Completion 2029*	Sewer Enterprise Fund
5	Carpenter Hall Lift Station	Lift station rehabilitation	*Planned for Completion 2030*	Sewer Enterprise Fund
6	De La Torre Lift Station	Full lift station replacement	*Planned for Completion 2032*	Sewer Enterprise Fund
7	Vista Nueva Lift Station	Full lift station replacement	*Planned for Completion 2029*	Sewer Enterprise Fund
8	Harkins Road Lift Station	Full lift station replacement	No Funding Currently for project	Sewer Enterprise Fund
9	Las Casitas Lift Station	Lift station rehabilitation	No Funding Currently for project	Sewer Enterprise Fund
10	TP2 Lift Station	Full lift station replacement	No Funding Currently for project	Sewer Enterprise Fund

11	Airport Lift Station	Lift station rehabilitation	*Planned for Completion 2032*	Sewer Enterprise Fund

Pipelines and Manholes

Ranking	Title	Description Summary	Project Status	Source of Funding
1	Cesar Chavez Park	Upsize sewer main & section of new sewer main.	*Planned for Completion 2029*	Sewer Enterprise Fund Development Fees
2	Upper Carr Lake Repairs	Manhole Repairs	*Planned for Completion 2026*	Sewer Enterprise Fund
3	Upstream TP2 Diversion	Weir Construction	*Planned for Completion 2028*	Sewer Enterprise Fund
4	Northridge Mall	Upsize sewer main and sewer main realignment	*Planned for Completion 2027*	Sewer Enterprise Fund Development Fees
5	East Market and Upstream of Lake Street Repairs	Manhole Repairs, repairs to broken pipe	No Funding Currently for project	Sewer Enterprise Fund
6	Louise and Van Buren Street Repair	Repair pipe sags and surcharging manhole	*Planned for Completion 2033*	Sewer Enterprise Fund
7	West Market at Davis Overcrossing	Bunker doors on Large Trunk line need replacement	In Progress Under Construction Spot Repair Project	ARPA Funded
8	Cherokee Drive	Upsize sewer main	*Planned for Completion 2028*	Sewer Enterprise Fund Development Fees

9	Malarin St and Wilgart Way Repairs	Pipe joint repairs and manhole repairs	No Funding Currently for project	Sewer Enterprise Fund
10	Romie Lane Repairs & Reconfiguration Analysis	Hydrogen Sulfide damage, MH rings and lids need replacement. Concrete in roadway. Recommended reconfiguration analysis before repairs.	*Planned for Completion 2032*	Sewer Enterprise Fund
11	King Street Repairs	Major pipe sags	No Funding Currently for project	Sewer Enterprise Fund
12	Del Monte and Mae Repairs	Pipe sags and manhole repairs	In Progress Under Construction Spot Repair Project	ARPA Funded
13	Riker Street Repair	Pipe has damage and missing sections at manhole	In Progress Under Construction Spot Repair Project	ARPA Funded
14	West Market Street Repairs	Pipe sags, F. I. s are blown out, possible realignment	*Planned for Completion 2026*	Sewer Enterprise Fund
15	Johnson Place Repairs	Pipe damage, sags, spidering under tracks, ongoing backups, MH O5-005 has settled, always surcharging	No Funding Currently for project	Sewer Enterprise Fund
16	N Main St Hwy 101 Underpass Bunker Repair	Bunker damage to pipe, pipe missing at bunker on both sides, clogging	In Progress Under Construction Spot Repair Project	ARPA Funded
17	Donner Way	Pipe damage, sags, etc.	In Progress Under Construction Spot Repair Project	ARPA Funded

18	San Miguel Ave Repair	Pipe Damage; broken pipe 10-feet from manhole	In Progress Under Construction Spot Repair Project	ARPA Funded
19	Noice Drive/Tyler Street	Upsize sewer mains and manhole repairs	*Planned for Completion 2033*	Sewer Enterprise Fund Development Fees
Outside of SSMPU identified projects	Villa Street/Wilson	Pipe Repair	In Progress Under Construction Spot Repair Project	ARPA Funded
20	Natividad Rd	Upsize sewer mains and weir construction	No Funding Currently for project	Sewer Enterprise Fund Development Fees
21	Acacia, Bautista, Woodside Repairs	Pipe sags and new manhole, joint repairs	No Funding Currently for project	Sewer Enterprise Fund
22	Comanche, Polk, and North First Repairs	Pipe sags manhole replacement, joint repairs	No Funding Currently for project	Sewer Enterprise Fund
23	Sherwood Dr Repairs	Pipe cracks at 220-ft mark downstream from K4-052. Obstruction (possibly old water line) in K4-076	No Funding Currently for project	Sewer Enterprise Fund
24	East Laurel and Williams Repairs	Pipe sags and broken pipe	No Funding Currently for project	Sewer Enterprise Fund
25	Hoover Street Repair	F.I. repair blown out	No Funding Currently for project	Sewer Enterprise Fund
26	Katherine Ave & Pajaro St Repairs	New manholes	No Funding Currently for project	Sewer Enterprise Fund

27	Wood Street Reconfiguration Analysis	Pipe sags, always plugs, can't CCTV, Entire area needs reconfiguration	No Funding Currently for project	Sewer Enterprise Fund

Future Projects (contingent of future development)

Title	Description Summary	Project Status	Source of Funding
San Juan Grade	Upsize sewer main	*Planned for Completion 2029*	Sewer Enterprise Fund Development Fees
North Davis Road	Upsize sewer main	*Planned for Completion 2030*	Sewer Enterprise Fund Development Fees
West Laurel Drive	Upsize sewer main	No Funding Currently for project	Sewer Enterprise Fund Development Fees
Victor Street	Upsize sewer main	No Funding Currently for project	Sewer Enterprise Fund Development Fees
Freedom Parkway	Upsize sewer main	*Planned for Completion 2029*	Sewer Enterprise Fund Development Fees
Natividad Creek Park	Upsize sewer main	*Planned for Completion 2027*	Sewer Enterprise Fund Development Fees
East Alisal Street	Upsize sewer main	*Planned for Completion 2029*	Sewer Enterprise Fund Development Fees
Abbott Street	Upsize sewer main	*Planned for Completion 2026*	Sewer Enterprise Fund Development Fees
South Sanborn Road	Increase overflow elevation and upsize sewer main	*Planned for Completion 2034*	Sewer Enterprise Fund Development Fees

Appendix 10A Cover Sheet – SSMP Audit Data and Records Request Template

SSMP AUDIT DATA & RECORDS REQUEST

A. SSMP ADMINISTRATIVE			YES	LOCATED WHERE?	NO	N/A	COMMENTS
A1	a.	Has your agency enrolled in the State-wide GWDR and designated the responsible or authorized representative (LRO)?					
	b.	Provide a copy of the SSMP Certification in CIWQS.					
	c.	Provide a copy of the CIWQS print-out for all LROs and Data Submitters.					
	d.	Provide a copy of your Operational Report(s) from CIWQS.					
	e.	Does the SSMP include a narrative that discusses; summary of plan and associated schedules, sewer system asset overview, updated maps?					
A2	a.	Has your agency adopted a SSMP?					
	b.	Provide a copy of the SSMP.					
	c.	Provide a copy of the Meeting Minutes for the agency governing body's meeting during which the SSMP was adopted.					
A3	a.	Does your agency have a copy of the GWDRs available to agency staff? Where is it kept?					
A4	a.	How does agency ensure revenues and expenditures related to sanitary sewer system are available to; comply with General Order, fully implement the SSMP, conduct O&M and necessary repairs, ensure proper spill response?					

SSMP AUDIT DATA & RECORDS REQUEST

B. GOALS			YES	LOCATED WHERE?	NO	N/A	COMMENTS
B1	a.	Has your agency developed SSMP and Spill reduction goals?					
	b.	Provide documentation that your agency has made progress toward meeting these goals.					
C. ORGANIZATION			**YES**	**LOCATED WHERE?**	**NO**	**N/A**	**COMMENTS**
C1	a.	Does your SSMP clearly identify the names and job titles the LROs?					
C2	a.	Does your SSMP have an organizational chart or table showing individual roles and responsibilities for implementation of the SSMP?					
	b.	Are names, titles, and telephone numbers provided in this chart or table?					
C3	a.	Is the chain of communication for reporting Spills included in the SSMP?					
	b.	Are names, titles, and telephone numbers provided in this chain of communication?					

SSMP AUDIT DATA & RECORDS REQUEST

D. LEGAL AUTHORITY			YES	LOCATED WHERE?	NO	N/A	COMMENTS
D1	a.	Provide the sanitary sewer system use ordinances, service agreements, or other legally binding procedures or documents, which demonstrates the agency's legal authority:					
	b.	Prohibit illicit discharges					
	c.	Collaborate w/ Stormwater Agencies for sewer spill response and prevent cross connections of sanitary sewer and storm sewer infrastructure.					
	c.	Require that sewers and connections be properly designed and constructed					
	d.	Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency					
	e.	Limit the discharge of fats, oils, and grease and other debris that may cause blockages and/or sewer spills					
	f.	Enforce any violation of its sewer ordinances					

E. OPERATIONS AND MAINTENANCE (O&M)			YES	LOCATED WHERE?	NO	N/A	COMMENTS
E1	a.	Provide the following documents:					
	b.	An updated map of the agency's sanitary sewer system and storm drain system.					
	c.	A schedule for maintenance and cleaning of the sanitary sewer system.					

SSMP AUDIT DATA & RECORDS REQUEST						
d.	How do O&M and R&R schedules enhance System Resilience?					
e.	Documentation for maintenance and cleaning of the sanitary sewer system.					
f.	Documentation for scheduled and conducted activities, such as work orders and/or reports and invoices from contractors.					
g.	The O&M contract if the agency's collection system is operated and maintained by a contract operations firm.					
h.	The agency's Rehabilitation and Replacement Plan					
i.	» Summary of the agency's CCTV program and schedule. Include samples of inspections and summary of findings.					
j.	» List of current and planned projects					
k.	» Time schedule for planned projects					
l.	» Schedule for developing the funds needed for rehabilitation and replacement projects					
m.	Standard Operating Procedures for Sewer System Operations and Maintenance activities.					
n.	Training records for staff operations and maintenance activities and contractor operations and maintenance activities. Training records for CIWQS reporting, Spill volume estimation, Spill response training.					

SSMP AUDIT DATA & RECORDS REQUEST						
o.	» All applicable licenses and certifications required for agency or contract staff. Provide documents stating this requirement.					
p.	Assessment of O&M Staff "Core Competencies" (Skills, Knowledge and Abilities)					
q.	Equipment and replacement part inventories, including identification of critical replacement parts.					
r.	» If critical replacement parts are not kept in stock, identify and provide method in which these parts are acquired when needed (List of emergency contractors and/or suppliers).					
s.	» If critical replacement parts are not kept in stock, provide applicable mutual aid agreements.					

q.	Equipment and replacement part inventories, including identification of critical replacement parts.					
r.	» If critical replacement parts are not kept in stock, identify and provide method in which these parts are acquired when needed (List of emergency contractors and/or suppliers).					
s.	» If critical replacement parts are not kept in stock, provide applicable mutual aid agreements.					

F. DESIGN & PERFORMANCE PROVISIONS			YES	LOCATED WHERE?	NO	N/A	COMMENTS
F1	a.	Provide the following documents:					
	b.	Design and construction standards and specifications for:					
	c.	» the installation of new sanitary sewer systems					

SSMP AUDIT DATA & RECORDS REQUEST						
d.	» pump stations and other appurtenances specific to the agency's collection and conveyance system					
e.	» the rehabilitation and repair of existing sanitary sewer systems					
f.	Procedures and standards for inspecting and testing the installation of new sewers, pumps, and other appurtenances specific to the agency's collection and conveyance system and for rehabilitation and repair projects.					

SSMP AUDIT DATA & RECORDS REQUEST

G. SPILL EMERGENCY RESPONSE PLAN			YES	LOCATED WHERE?	NO	N/A	COMMENTS
G1	a.	Provide the agency's Spill Emergency Response Plan					
	b.	Notification procedures ensuring that the primary responders, regulatory agencies, and potentially affected entities are informed of all Spills in accordance with the Monitoring and Reporting Program, Order No. 2022-0103.					
	c.	A program to ensure an appropriate response to all spills.					
	d.	Procedures to ensure that appropriate staff and contractor personnel are aware of and follow the Spill Emergency Response Plan and are appropriately trained.					
	e.	Procedures to address emergency operations, such as traffic and crowd control and other necessary response activities.					
	f.	Procedures to address spill volume estimation.					
	g.	A program to ensure that all reasonable steps are taken to contain and prevent the discharge of untreated and partially treated wastewater to waters of the United States.					
	h.	A program to ensure that all reasonable steps are taken to minimize or correct any adverse impact on the environment resulting from the Spills, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the discharge.					
	i.	Plan to coordinate with storm drain agencies and other impacted utilities in the event of a Spill. Plan to conduct Post Spill Assessments.					

SSMP AUDIT DATA & RECORDS REQUEST

H. SEWER PIPE BLOCKAGE CONTROL PROGRAM			YES	LOCATED WHERE?	NO	N/A	COMMENTS
H1	a.	Public Education and Outreach Program for pipe blocking substances.					
	b.	Disposal facilities for pipe blocking substances.					
	c.	Ordinance demonstrating the agency's legal authority to prohibit discharges to the sewer system and prevent spills and blockages.					
	d.	Requirements to install grease removal devices, design standards for these devices, maintenance requirements, BMPs, recordkeeping and reporting requirements.					
	e.	Ordinance demonstrating the agency's legal authority to prohibit FOG discharges to the system and inspect FOG producing facilities.					
	f.	Evidence of FOG Control Program inspection and enforcement activities.					
	g.	Documentation of hot spots in the collection system, which are caused by FOG.					

I. SYSTEM EVALUATION, CAPACITY ASSURANCE, AND CIP			YES	LOCATED WHERE?	NO	N/A	COMMENTS
I1	a.	Provide procedures to evaluate the sanitary sewer system assets.					
	b.	Percentage of system assessed annually and rationale for this frequency.					

SSMP AUDIT DATA & RECORDS REQUEST						
c.	Provide information that demonstrates condition assessment prioritizes areas that: 1) Have high level of environmental consequences if vulnerable to failure or are deficient for any reason; 2) Are located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas; 3) Are within the vicinity of a receiving water with a bacterial-related impairment on the most current Clean Water Act section 303(d) List					
d.	Provide information demonstrating system is assessed using visual observations, video surveillance and/or other comparable system inspection methods.					
e.	Provide information demonstrating corrective actions for areas that may contribute to exiting of sewage from the system which can reasonably be expected to discharge into a water of the State.					
f.	Provide information that demonstrates you have identified 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					
g.	Provide analysis and 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.					

SSMP AUDIT DATA & RECORDS REQUEST						
h.	Information that demonstrates the capacity assessment considers: • 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.					
i.	Demonstrate how corrective actions are prioritized based on these condition assessments based on the severity of the consequences of potential spills.					
j.	Capital Improvement Plans: based on the results of these condition assessments provide the following: 1) project schedules, including completion dates for all rehabilitation and replacement projects or CIP; 2) Internal and External project funding sources for each project; 3) Information demonstrating coordination between operations and maintenance staff, engineering staff, and consultants during the planning, design and construction of CIP. If other utility agencies are impacted, document coordination efforts.					

SSMP AUDIT DATA & RECORDS REQUEST

J. MONITORING, MEASUREMENT & PROGRAM MODIFICATIONS		YES	LOCATED WHERE?	NO	N/A	COMMENTS
J1 a.	Adaptive Management strategies					
b.	· Provide relevant information, including audit findings, to establish and prioritize appropriate Plan activities;					
c.	· Provide relevant information demonstrating the implementation and measuring the effectiveness of each Plan Element;					
d.	· Provide relevant information demonstrating the success of the preventive operation and maintenance activities;					
e.	· Provide relevant information demonstrating update of plan procedures and activities, as appropriate, based on results of monitoring and performance evaluations;					
f.	Identification of Spill trends.					

K. SSMP PROGRAM AUDITS		YES	LOCATED WHERE?	NO	N/A	COMMENTS
K1 a.	Provide historical SSMP Program Audit Reports.					

L. COMMUNICATION PROGRAM		YES	LOCATED WHERE?	NO	N/A	COMMENTS
L1 a.	Provide the agency's Communication Program and evidence of its implementation.					