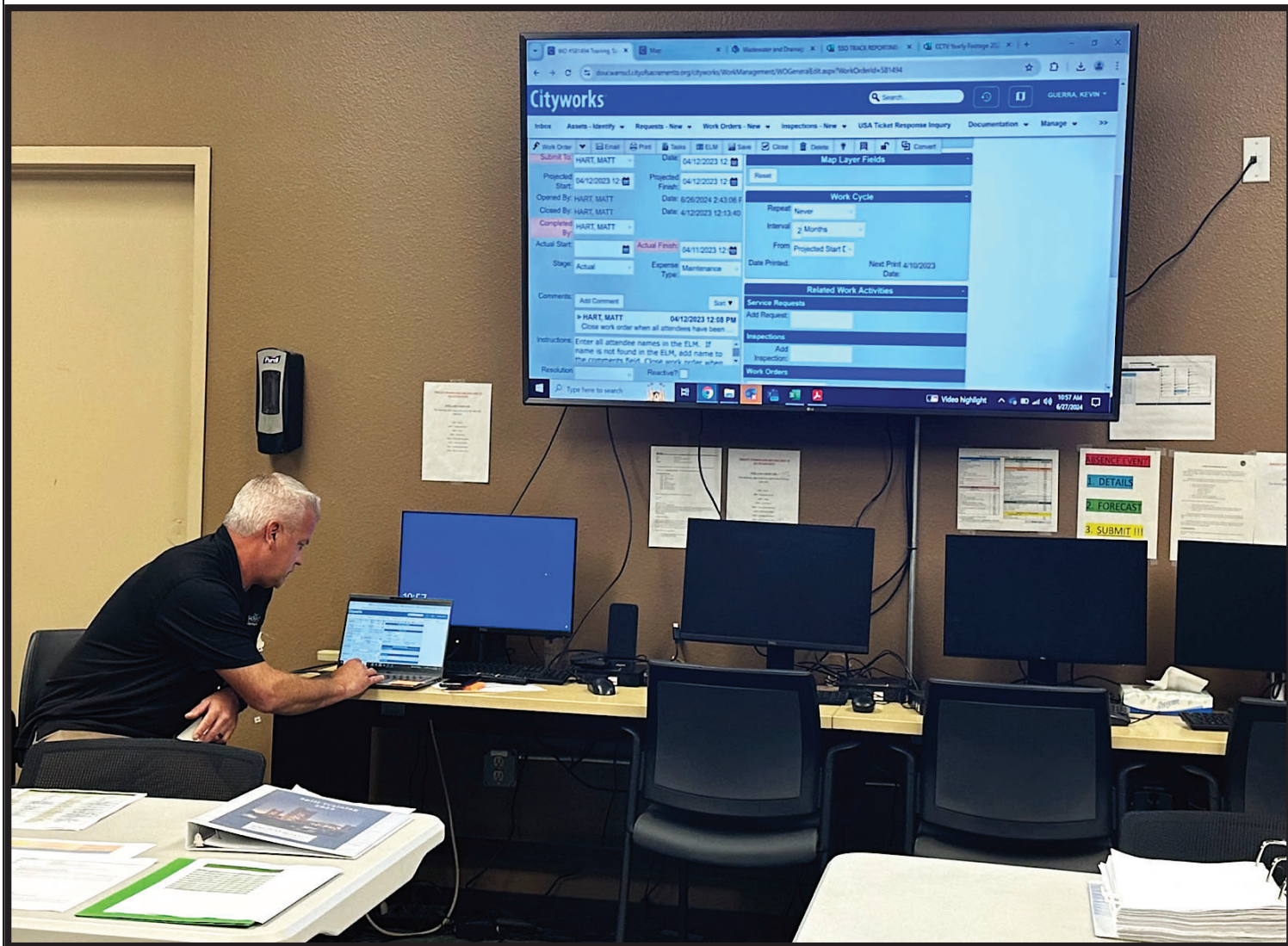


Sewer System Management Plan (SSMP) Audit May 2021 to May 2024



Prepared by:

TABLE OF CONTENTS

PART 1 (Executive Summary)	3
PART 2 (Detailed Audit Findings/Recommendations)	15
Element 1 – Goal And Introduction	15
1.1 Regulatory Context	15
1.2 SSMP Update Schedule.....	15
1.3 Sewer System Asset Overview	15
Element 2 – Organization	18
Element 3 – Legal Authority	21
Element 4 – Operations and Maintenance Program	23
4.1 Updated Map of Sewer System	23
4.2 Preventive Operation and Maintenance Activities.....	23
4.3 Training	23
4.4 Equipment Inventory	24
Element 5 – Design and Performance Provisions	28
Element 6 – Spill Emergency Response Plan	31
Element 7 – Sewer Pipe Blockage Control Program	33
Element 8 – System Evaluation, Capacity Assurance, Capital Improvements	36
8.1. System Evaluation and Condition Guidance	36
Element 9 – Monitoring, Measurement, Program Modifications	39
Element 10 – Internal Audits	41
Element 11 – Communication Program	43
Attachment E1 – Notification, Monitoring, Reporting, Record Keeping	45

LIST OF FIGURES

Figure 1 - City Sewer Service Area Boundary Map6

Figure 2 - City Facility At-A-Glance report (State Water Board Online Database, CIWQS 2024).....7

Figure 3 - City SSMP Update/Audit Due Dates (SWRCB website).....8

Figure 4 - City spill dashboard (2007-2024)9

Figure 5 - City Spill Rates (# of spills/100 miles) compared with other agencies, 2007-202410

Figure 6 - City spill recovery metrics (Cat 1/2/3 spills) compared with other agencies, 2007-2024 ...11

LIST OF APPENDICES

APPENDIX 1 – City Compliance Evaluation Inspection (CEI) Report

APPENDIX 2 – City Previous SSMP Audit Findings

APPENDIX 3 – City Spill Performance Benchmark Report

APPENDIX 4 – City SSMP Audit Implementation Plan and Schedule

APPENDIX 5 – City Key Performance Indicator (KPIs)

APPENDIX 6 – City List of Spills (2007-2024)

REVIEWED AND APPROVED BY

KEVIN GUERRA,
City of Sacramento Utilities
O&M Wastewater Collections Superintendent
Legally Responsible Official (LRO)



Date Signed: 11/01/2024

Signature indicates system operators were provided opportunity to comment on the Audit findings¹

¹ Required under Specification 5.4 of the Reissued WDR (see pages 19-20)

CERTIFICATE

— OF COMPLETION —

CITY OF SACRAMENTO UTILITIES

Sewer System Management Plan Audit (May 2021-May 2024)

- *Regulatory review, agency expectations and compliance best practices.*
- *Regional Water Quality Control Board inspector expectations.*
- *Completion of State Water Board Pre-Inspection Questionnaire*
- *Completion of Compliance Evaluation Inspection (CEI).*
- *Findings/Best Practice Recommendations for further improving agency program effectiveness, compliance, and resilience.*



A handwritten signature in black ink that reads 'Jim Fischer'.

James Fischer, PE (NPDES Compliance Inspector)

10/18/24



3230 Arena Blvd, Suite #245
Sacramento, CA 95834
916.606.5275
FischerCompliance.com

October 18, 2024

City of Sacramento Utilities
Att: Kevin Guerra, O&M Wastewater Collections Superintendent
1395 35th Avenue
Sacramento, CA 95822

Dear Mr. Guerra,

We are pleased to present the 2021-2024 Sewer System Management Plan (SSMP) Audit Report for the City of Sacramento Utilities (see Attachment 1).

The SSMP Audit revealed that the City is in full compliance with Attachment D-10 of the Sanitary Sewer Collection System [Reissued WDR \(State Water Board, Water Quality Order No. 2022-0103-DWQ\)](#). The Audit also shed light on many existing and successful City best practices and presents additional potential areas to consider for further improvement. When comparing the City spill performance metrics with other collection systems in the Central Valley Regional Water Board area and throughout the State, the City performs near the top.

Detailed desktop and field reviews incorporating USEPA/Water Board Compliance Evaluation Inspection (CEI) procedures, including comprehensive interviews with management and field staff were relied upon for generating the Audit findings and best practice recommendations. With completion of the Audit, the City is now one of the first in the State to be comprehensively evaluated under the Reissued WDR ahead of the required deadline.

We look forward to supporting the City with ongoing program optimizations to meet and exceed all compliance standards specified in the Reissued WDR.

Sincerely,

A handwritten signature in black ink that reads 'Jim Fischer'.

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

Attachment 1 (2024 Sewer System Management Plan Audit Report)

PART 1 (Executive Summary)

The City of Sacramento Department of Utilities (City) is charged with complying the State Water Resources Control Board (SWRCB) General Reissued Waste Discharge Requirements (WDR) for Sanitary Sewer Systems ([“Reissued WDR”, Order No. 2022-0103-DWQ](#)). The Reissued WDR replaced the original 2006 WDR (Order No. 2006-003-DWQ and its Monitoring and Reporting Program, Order No. 2013-0058-EXEC), which became effective on June 5, 2023.

The Reissued WDR requirements are the strictest sewer regulations in the country requiring a proactive approach for operations, maintenance, and management of sanitary sewer collection system to reduce or eliminate sewer spills. Attachment D-10 of the Reissued WDR requires periodic SSMP Audits to be completed by the City at least every three years.



To comply with the SSMP Audit requirements, Fischer Compliance LLC in collaboration with City management completed a Sewer System Management Plan (SSMP) Audit covering May 2021 through May 2024.

This Audit report meets and exceeds the minimum requirements specified in the Reissued WDR (Attachment D-10 and Specifications 5.4), scaled to the size/complexity of the City’s sewer system. This includes evaluating the SSMP implementation and effectiveness, compliance with the Reissued WDR, and identifying deficiencies in addressing ongoing spills.

Regulatory Background

The Reissued WDR requires local public sewer collection system agencies, referred to as “Enrollees,” to develop a Sewer System Management Plan (Sewer System Management Plan). Sewer System Management Plans must be audited (by City staff or outside consultants) at least every three (3) years and updated every 6 years according to the Water Board’s regulatory schedule.

2006 WDR: To provide a consistent, statewide regulatory approach to address sewage spills, the State Water Resources Control Board (State Water Board) adopted Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Order No. 2006-0003 (SSS WDRs), on May 2, 2006. All public agencies that own or operate a sanitary sewer system that is comprised of more than one mile of pipes or sewer lines that convey wastewater to a publicly owned treatment facility were required to apply for coverage under the Order.

2022 WDR: The 2006 WDR was rescinded and replaced with a “Reissued WDR” (Order No. 2022-0103-DWQ), adopted on December 5, 2023 which became effective on 6/5/2023. The Reissued WDR updates many aspects of the 16-year-old Order and includes several new requirements for Sewer System Management Plans.

SSMP Auditing Procedures

A comprehensive SSMP Audit incorporating procedures developed by Fischer Compliance LLC was completed in October 2024. To complete the SSMP Audit, the following key elements were incorporated for the SSMP assessments:

- Evaluation of pre-Inspection questionnaire
- Interviews with City collection management and field staff including both online and onsite conferences (to comply with Specifications 5.4 of the Reissued WDR)
- Completion of a Compliance Evaluation Inspection (CEI) incorporating standards and procedures utilized by U.S. EPA and the Water Boards to evaluate sanitary sewer system compliance (see Appendix 1)
- Review of the City's Sewer System Management Plan (SSMP)
- Review of City spill reports, system data, and other documentation
- Incorporation of guidelines and recommendations for SSMPs published by the Bay Area Clean Water Agencies (BACWA)² and available to all collection system agencies statewide as an industry standard practice publication on best practices for sanitary sewer operators.

Detailed SSMP Audit Requirements

This section provides details about the SSMP Audit requirements mandated by the Reissued WDR. An SSMP is a spill reduction/mitigation plan that lays the foundation for how an agency implements its work programs, assesses effectiveness of its maintenance program, and provides resilience to bounce-back from emergencies, upsets, and scrutiny by regulators conducting a Compliance Evaluation Inspection (CE) or formal spill investigation.

The Reissued WDR includes the following specific requirements for completion of SSMP Internal Audits:

Specifications 5.4 (Sewer System Management Plan Audits, page 19):

*"The Enrollee shall conduct an internal audit of its Sewer System Management Plan, and implementation of its Plan, at a minimum frequency of once every three years. The audit must be conducted for the period after the end of the Enrollee's last required audit period. **Within six months after the end of the required 3-year audit period**, the Legally Responsible Official shall submit an audit report into the online CIWQS Sanitary Sewer System Database per the requirements in section 3.10 (Sewer System Management Plan Audit Reporting Requirements) of Attachment E1 of this General Order. Audit reports submitted to the CIWQS Sanitary Sewer System Database will be viewable only to Water Boards staff.*

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*

² Available for download at: <https://bacwa.app.box.com/s/cucxst3w2c4fl53jopuyayt6b3u4xjs5/file/1489440015726>

- *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."*

Attachment D-10 (Internal Audits, page D-10):

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

Attachment E1 (4.6. Sewer System Management Plan Implementation Records)

The Enrollee shall maintain records documenting the Enrollee's implementation of its Sewer System Management Plan, including documents supporting its Sewer System Management Plan audits, corrections, modifications, and updates to the Sewer System Management Plan.

Attachment E1 (4.7. Audit Records)

The Enrollee shall maintain, at minimum, the following records pertaining to its Sewer System Management Plan audits, and other internal audits:

- Completed audit documents and findings;
- Name and contact information of staff and/or consultants that conducted or involved in the audit; and
- Follow-up actions based on audit findings.

City Collection System Information

The City owns and operates a sanitary sewer collection system (collection system) serving a population of approximately 528,001. The collection system consists of approximately 476 miles of gravity sewer mains, 43 lift/pump stations (the combined + separate sewer systems), and approximately 6 miles of pressure ("force main") sewers. Figure 1 below provides a map of the City's current sanitary sewer boundaries.

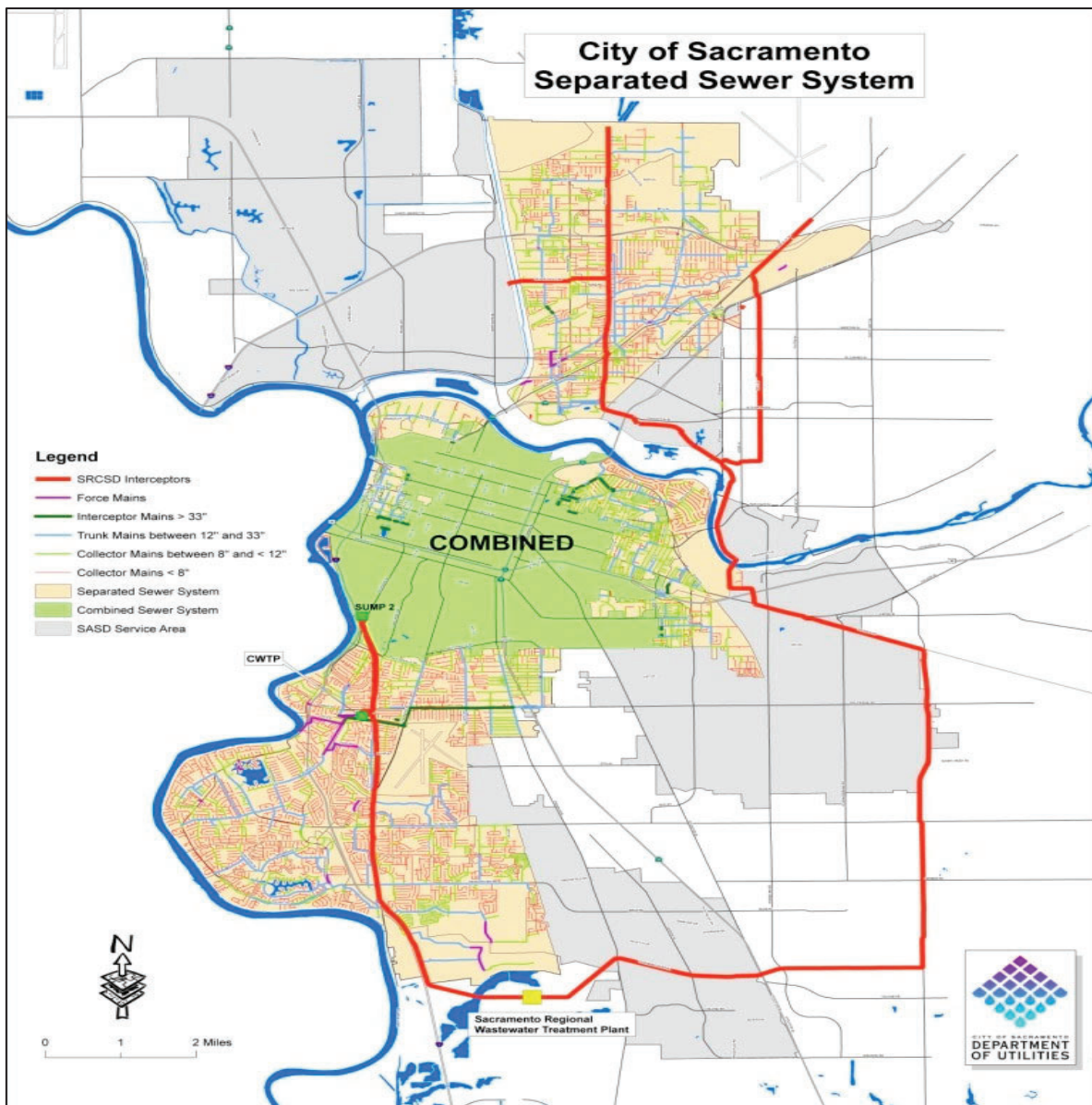


Figure 1 - City Sewer Service Area Boundary Map

Figure 2 below provides a current Facility At-A-Glance report generated for the City contained in the State Water Board Database (CIWQS)³.

<

Figure 2 - City Facility At-A-Glance report (State Water Board Online Database, CIWQS 2024)

³California Integrated Water Quality System (CIWQS), available publicly at the following link:
<https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/CiwqsReportServlet?inCommand=drilldown&reportName=facilityAtAGlance&placeID=630701&reportID=7029229>

City SSMP/Audit Due Dates

This section provides an overview of upcoming due dates for the City to update its SSMP and complete its next SSMP Audit. Figure 4 below displays a summary of the upcoming due dates for the City (5/2/2025 for its next SSMP Update and 11/2/2024 for the next SSMP Audit, 6 months after the end of the required 3-year audit period which ended on 5/2/2024).

Sewer System Management Plan & Audit Required Due Dates

Transition from General Order 2006-0003-DWQ to Reissued General Order

Search by Waste Discharge Identification (WDID) Number

Enter your Waste Discharge Identification (WDID) number in the search field to retrieve the required Sewer System Management Plan (SSMP) Update and Audit due dates for your system.

Show Update/Audit Dates

Sewer System Management Plan & Subsequent Update Due Dates					
System Name	WDID Number	Original Plan Required Due Date	Required Plan Update Due Date	Required Plan Update Due Date	Required Plan Update Due Date*
City of Sacramento Utilities CS	5SSO10901	5/2/2009	5/2/2014	5/2/2019	5/2/2025
City of Sacramento Combined CS	5SSO10901-C	8/2/2009	8/2/2014	8/2/2019	8/2/2025

Audit Due Dates								
System Name	WDID Number	Original Required Plan Audit Due Date	Required Plan Audit Due Date	Required Plan Audit Due Date	Required Plan Audit Due Date	Required Plan Audit Due Date	Required Plan Audit Due Date	End of Required 3-Year Audit Period**
City of Sacramento Utilities CS	5SSO10901	5/2/2011	5/2/2013	5/2/2015	5/2/2017	5/2/2019	5/2/2021	5/2/2024
City of Sacramento Combined CS	5SSO10901-C	8/2/2011	8/2/2013	8/2/2015	8/2/2017	8/2/2019	8/2/2021	8/2/2024

* Per Section 5.5 and Attachment E1, Section 3.11 of the General Order, Plan updates are due within six years after the required due date of the Enrollee's last Plan Update.

** Per Section 5.4 and Attachment E1, Section 3.10 of the General Order, the Audit Report is due within six months after the end of the required 3-year audit period.

Figure 3 - City SSMP Update/Audit Due Dates (SWRCB website)

City Spill Performance

This section provides an overview to showcase City spill performance information, including trends and benchmarks to allow a comparison of the City's performance against other collection system agencies within the Central Valley (Region 5) Water Board area and State. Numerous data sets and visualizations were created (see Figures 4-8 below and Appendix 2 for more additional detailed data visualizations generated with Microsoft Power BI). As displayed in many of the visualizations, the City's spill rates and volumes discharged during the Audit period were consistently lower than many other sanitary sewer system agencies within the Central Valley Regional Water Board area. Additional spill performance details noted during the previous SSMP Audit can be found in Appendix 2.

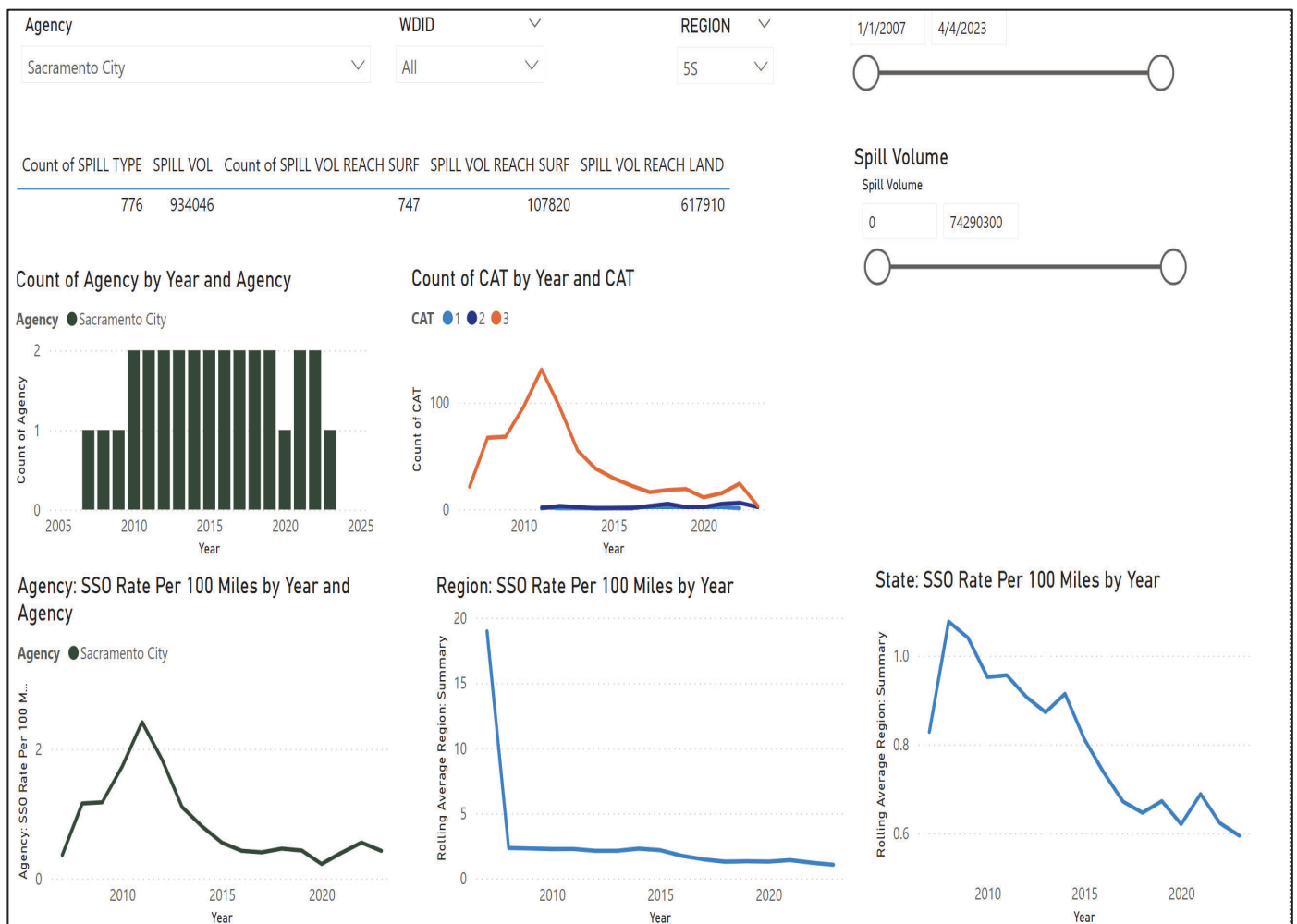


Figure 4 - City spill dashboard (2007-2024)

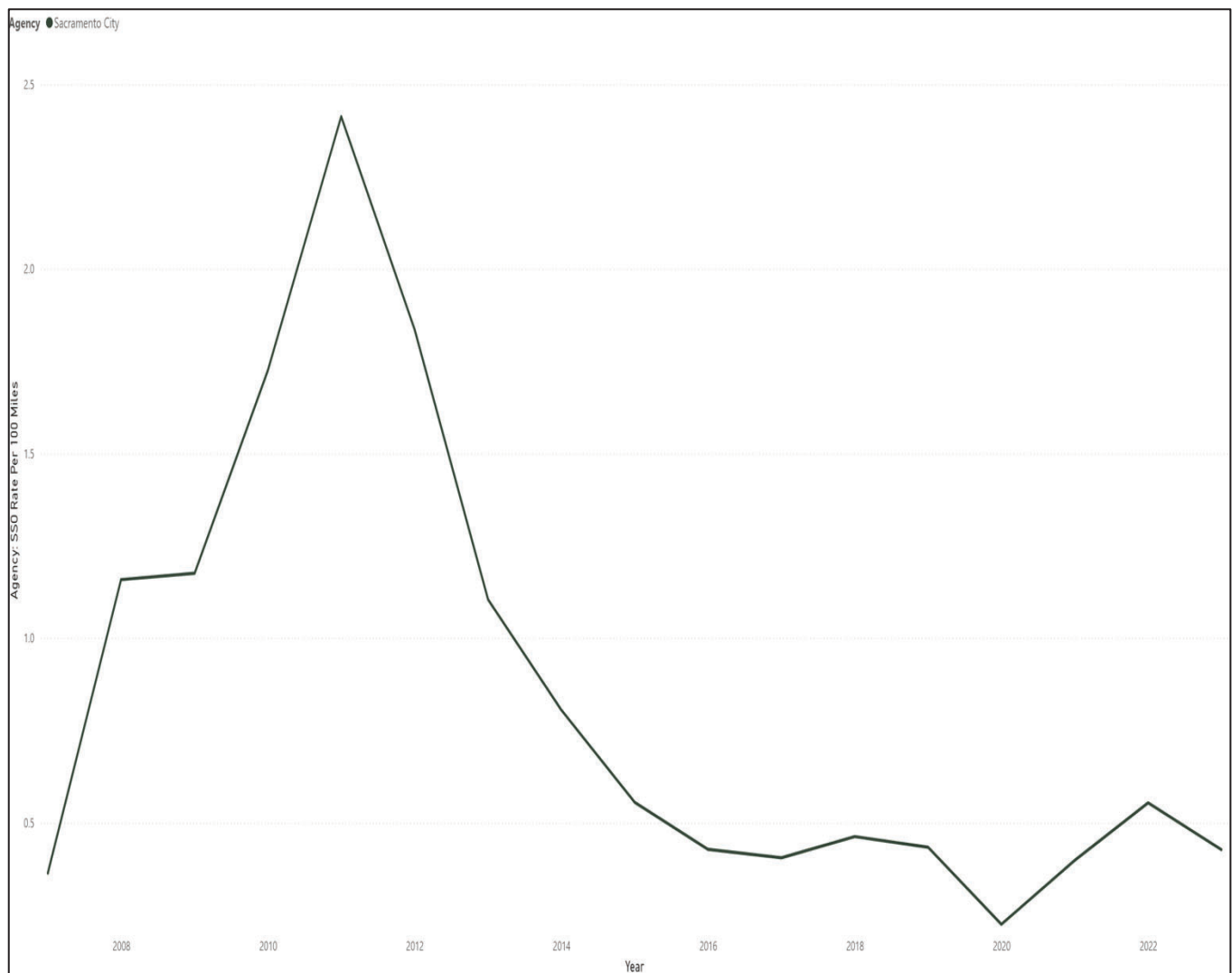


Figure 5 - City Spill Rates (# of spills/100 miles) compared with other agencies, 2007-2024

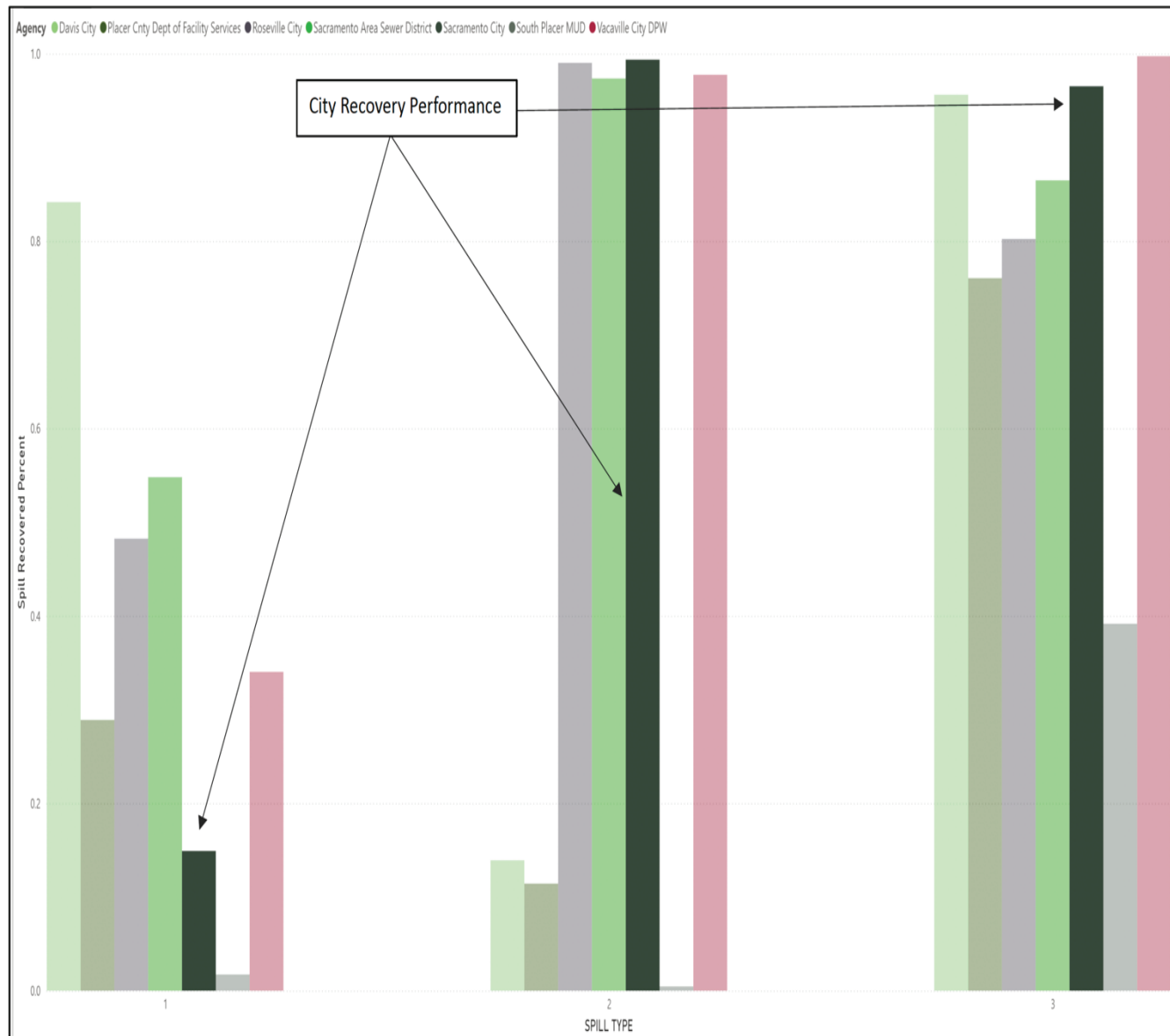


Figure 6 - City spill recovery metrics (Cat 1/2/3 spills) compared with other agencies, 2007-2024

City SSMP Audit Findings

This section provides a high-level summary of the SSMP Audit findings (see Tables 2 and 3 below) for incorporation into the City's next SSMP Update due on or before 5/2/2025.

Table 1: Summary of City SSMP Audit Findings (Reissued WDR, ATTACHMENTS)

SSMP AUDIT FINDINGS (ATTACHMENTS)				
Requirements		Potential Violations ?	Areas of Concern ?	Audit References
Att. D-1	Goal & Intro	No	No	See WDR Recommendations
Att. D-2	Organization	No	Yes	See WDR Conformance + WDR Recommendations
Att. D-3	Legal Authority	No	No	See WDR Recommendations
Att. D-4	O/M Program	No	Yes	In compliance. See WDR Conformance + WDR Recommendations
Att. D-5	Design and Performance	No	No	See WDR Recommendations
Att. D-6	Spill Emergency Response Plan (SERP)	No	Yes	In compliance. See WDR Conformance + WDR Recommendations
Att. D-7	Pipe Blockage Control Pgm.	No	No	See WDR Recommendations
Att. D-8	System Evaluation, Capacity, Improvements	No	Yes	In compliance. See WDR Conformance + WDR Recommendations
Att. D-9	Monitoring, Measurement	No	No	See WDR Recommendations
Att. D-10	Audits	No	No	See WDR Recommendations
Att. D-11	Communications	No	No	See WDR Recommendations
Att. E1	Notification, Monitoring, Reporting, Records	Yes	No	See WDR Conformance + WDR Recommendations

Table 2: Summary of SSMP Audit Findings (Reissued WDR, SPECIFICATIONS)

SSMP AUDIT FINDINGS (SPECIFICATIONS)				
Requirements		Potential Violations? ⁴	Areas of Concern? ⁵	Audit References
Spec. 5.1	Designation of LRO	No	No	None
Spec. 5.2	SSMP Development, Implementation	No	Yes	See Att D-2, D-4, D-6 and D-8 (Table 1)
Spec. 5.3	SSMP Updates	No	No	None
Spec. 5.4	SSMP Audits	No	No	See Appendix
Spec. 5.6	System Resilience	No	No	See Att D1-D11 (Table 1)
Spec. 5.10	Resources	No	Yes	See Att D-2 (Table 1)
Spec. 5.11	Performance Analysis	No	No	See Att D-9 (Table 1)
Spec. 5.12	Spill Emergency Resp. Plan	No	Yes	See Att D-6 (Table 1)
Spec. 5.13	Notif, Monitoring, Reporting, Records	No	Yes	See Att E1 (Table 1)
Spec. 5.14	Notifications (private spills)	No	No	None
Spec. 5.15	Failure to report	No	No	None
Spec. 5.19	Proper O/M	No	Yes	See Att D-2, D-4, D-6 and D-8 (Table 1)

⁴ V (Violation of [REISSUED WDR](#))

⁵ AOC (Area of Concern with [REISSUED WDR](#))

Audit Conclusions

The 2024 SSMP Audit completed by Fischer Compliance LLC in collaboration with City management shed light on many existing successful work programs in place. When comparing the City spill data/metrics performance with other collection systems in the Central Valley Regional Water Board area and throughout the State, the City performs near the top.

Detailed Auditing procedures incorporating review of questionnaires, the City's existing 18/19 SSMP, interviews and other data were relied on for generating the detailed Audit findings for documenting the City's SSMP compliance, implementation, and effectiveness. To facilitate the project and improve effectiveness of the Audit process, the City dedicated an internal staff person for managing the project, responding to questions/data requests, and provide regular communications to auditors in every phase of the project.

Several specific technical recommendations along with an implementation plan/schedule were generated for helping the City get a jump start on updating its 2018/2019 SSMP, several months ahead of schedule before its due date on 5/2/2025. The Audit also revealed several areas to provide an advantage to help prepare the City for regulatory compliance inspections and improve SSMP effectiveness. This includes providing insights for the City to reflect on additional ways for further improving existing work programs and spill reduction measures.

Appendix 1 contains a detailed Compliance Evaluation Inspection (CEI) report which provides the basis of many of the findings in the report. Appendix 2 provides a list of past SSMP Audit findings while Appendix 3 allows the City and regulators to evaluate City spill performance and other data to help compare the City's performance against other collection systems in the Region. Appendix 4 helps the City with a simplified checklist to demonstrate full implementation of the Audit findings, refine updating of the City's next SSMP Update (due by 5/2/2025), and provide a roadmap of both required and recommended actions including short-term and long-term plans/schedules to be taken over the next several years.

PART 2 (Detailed Audit Findings/Recommendations)

This section provides detailed Audit findings and recommendations to provide an advantage for the City to for streamlining its next SSMP Update required by the Reissued WDR. The procedures employed for this section include evaluating the City’s sewer programs against each required SSMP element required in the Reissued WDR. Requirements are presented at the beginning for each element along with an analysis of City compliance and implementation.

Additional information for helping City managers measure SSMP effectiveness and provide resilience are also included for each SSMP element in this section. This information provides a strong foundation to help the City with updating its SSMP, due by May 2, 2025. Each section ends with a checklist of common potential violations/areas and a checklist of findings including determination of compliance.

Element 1 – Goal And Introduction

1.1 Regulatory Context

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

1.2 SSMP Update Schedule

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

1.3 Sewer System Asset Overview

“The City Sewer System Management Plan must have an Introduction section to provide a description of the City-owned assets and service area including but not limited to.

- Location, including county(ies).
- Service area boundary.
- Population and community served;
- System size, including total length in miles, length of gravity mainlines, length of pressurized (force) mains, and number of pump stations and siphons.
- Structures diverting stormwater to the sewer system.
- Data management systems.
- Sewer system ownership and operation responsibilities between Enrollee and private entities for upper and lower sewer laterals.
- Estimated number or percent of residential, commercial, and industrial service connections.
- Unique service boundary conditions and challenge(s).
- Reference to the Enrollee’s up to-date map of its sanitary sewer system, as required in section 4.1 (Updated Map of Sanitary Sewer System) of this Attachment.”

FINDINGS (Element 1: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Page 1	The inspection revealed the City complies with this element.
IMPLEMENTATION	Page 1	WDR RECOMMENDATION: To ensure compliance, the City should annually review Element 1 entirely for ensuring all information is accurate and up to date.
EFFECTIVENESS	Page 1	WDR RECOMMENDATION: To help measure effectiveness and align with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: - Has the schedule for conducting audits been adhered to? - Has the schedule for updating the Sewer System Management Plan been adhered to? - Are established milestones being Monitored? - Is the sewer system management program description up to date? - Have audits been performed on schedule? - Has the Sewer System Management Plan been approved by the governing board on schedule (every six years)? - Is asset data kept in the computerized maintenance management system, GIS, etc., programs up to date? - Does the sewer system asset overview reference up to date maps?

ELEMENT 1 – GOAL AND INTRODUCTION

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
RESILIENCE	Page 1	• Recommendation: To help provide resilience, the City should: 1. Create a work order report for auditing open work orders and assets for any repeat spill locations. 2. Implement a formal schedule for ensuring all WDR compliance deadlines are logged into management calendars.

FINDINGS (Element 1: WDR Violation/Areas of Concern Checklist⁶)

Potential Violations	Potential Violations?	Potential Areas of Concern?	City In Compliance?
Failure to identify appropriate goals	No	No	Yes
Failure to update Sewer System Management Plan sub-elements	No	No	Yes
Failure to establish process for ensuring the general public has access/input to Sewer System Management Plan	No	No	Yes
Failure to complete appropriate Sewer System Management Plan audit	No	No	Yes
Failure to measure effectiveness and progress	No	No	Yes
Failure to develop and implement procedures for updating sewer maps	No	No	Yes
Failure to provide appropriate narrative descriptions describing procedures for prioritization of system repairs and maintenance to prevent spills.	No	No	Yes
Failure to describe technologies and practices to reduce spills	No	No	Yes

⁶ See SSMP Development Guide, available for download on the State Water Board's Spill Reduction Website, available at: https://www.waterboards.ca.gov/water_issues/programs/ssol/

Element 2 – Organization

REQUIREMENTS¹

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

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

FINDINGS (Element 2: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings (Potential Violations, Areas of Concern, and Recommendations)
COMPLIANCE	Pages 3-4	The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 3-4	WDR CONFORMANCE (AREAS OF CONCERN): To improve implementation, the City should address each of the following areas revealed during the Audit prior to completing the next SSMP Update. Open Positions (see Appendix 1, Table 6): The Audit revealed the City currently has a total of 5 vacant open positions for O/M (1 lead and 4 service workers) which have proved difficult for Utilities management to backfill in a timely manner. The City should evaluate workload associated with the Reissued WDR to determine necessary staffing levels to stay in compliance.
EFFECTIVENESS	Pages 3-4	WDR RECOMMENDATION: The Audit revealed the City could further improve testing of its after-hours emergency notification system at least annually. Although not explicitly required to be annually tested by the Reissued WDR, this has been a primary area of interest and included in the State Water Board's Pre-Inspection Questionnaire. WDR RECOMMENDATION: To help measure effectiveness and align with available industry standard guidance, the City should check/verify the following, make adjustments as necessary, and include any changes in the next required SSMP update: - Have there been instances when a service call for a spill was not properly routed to response personnel? - Was all spill response activity documented/prepared for LRO? - Have there been any changes in assigned responsibilities for implementing the Sewer System Management Plan? - Is there a process in place for ensuring all contact information remains up to date? - Is process established for ensuring org. chart is current?
RESILIENCE	Pages 3-4	WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: - Designate more than one LRO to help ensure full and continuous coverage of duties. - Ensure more than one staff member can implement and be responsible for specific Sewer System Management Plan elements. - Periodically review contact information throughout this element for ensuring data is up to date.

FINDINGS (Element 2: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations?	Potential Areas of Concern?	City In Compliance?
Failure to properly secure Legally Responsible Official with appropriate training and experience.	No	No	Yes
Failure to establish and update all related necessary responsible staff and lines of authority.	No	No	Yes
Failure to establish and update City chain of communication for reporting spills.	No	No	Yes

Element 3 – Legal Authority

REQUIREMENTS⁷

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

- “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 cause blockages.”
- “Collaborate with storm sewer agencies to coordinate emergency spill responses, ensure access to storm sewer systems during spill events, and prevent unintentional cross connections of sanitary sewer infrastructure to storm sewer infrastructure.”
- “Require that sewer system components and connections be properly designed and constructed.”
- “Ensure access for maintenance, inspection, and/or repairs for portions of the service lateral owned and/or operated by the Enrollee.”
- “Enforce violation(s) of ordinances, service agreements, or other legally binding procedures.”
- “Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.”

⁷ See Attachment D-3 of [Reissued WDR](#) (page D-4)

FINDINGS (Element 3: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Pages 10-13	The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 10-13	The inspection revealed the City is implementing these requirements.
EFFECTIVENESS	Pages 10-13	WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: - Annually review City codes and ordinances for ensuring they are adequate in fulfilling all required legal requirements. - Check for instances when the code/ordinance did not address a specific need/circumstance.
RESILIENCE	Pages 10-13	WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: - Monitor performance of ordinances, codes, and agreements for deficiencies and omissions. - Perform periodic review of ordinances, codes, and service agreements. - Stay abreast of industry trends and local ordinances that may affect operations.

FINDINGS (Element 3: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations?	Potential Areas of Concern?	City In Compliance?
Failure to establish proper codes, standards, legal agreements, and procedures for ensuring conformance to requirements.	No	No	Yes

Element 4 – Operations and Maintenance Program

4.1 Updated Map of Sewer System

REQUIREMENTS⁸

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

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

4.2 Preventive Operation and Maintenance Activities

REQUIREMENTS¹

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

The scheduling system must include:

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

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

4.3 Training

REQUIREMENTS

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

The training must cover the requirements of this General Order; the Enrollee’s Spill Emergency Response Plan procedures and practice drills, skilled estimation of spill volume for field operators, and electronic CIWQS reporting procedures for staff submitting data.”

⁸ See Attachment D-4.1 of [Reissued WDR](#) (page D-4)

4.4 Equipment Inventory

REQUIREMENTS¹

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

FINDINGS (Element 4: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Pages 14-24	The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 14-24	<u>WDR CONFORMANCE (AREAS OF CONCERN):</u> To improve implementation, the City should address each of the following areas revealed during the Audit prior to completing the next SSMP Update. • <u>Critical Parts Ordering:</u> The City has significant internal issues procuring backup supplies and equipment impacting O/M and critical spare parts for the sanitary sewer collection system. • <u>Critical Parts Inventory:</u> The City could further improve its existing list of identified critical parts/inventory for the sanitary sewer system. • <u>Standard Operating Procedures (SOPs):</u> The City could further improve its critical Standard Operating Procedures (SOPs), including standardizing them for consistency for all O/M staff, incorporating Superintendent expectations for pertinent Reissued Order requirements (SERP, etc.), reviewing them periodically with field staff before/during trainings for ensuring any required necessary improvements/changes are incorporated. • <u>Pump Station Manholes:</u> The City could further improve identification of all lowest upstream manhole locations that could spill for all pump station assets. • <u>Open Work Orders:</u> The City could further improve auditing open work orders. • <u>Force Main Sewers:</u> The inspection and the City’s previous Audit revealed by the City lacks a force main condition assessment program including a formal maintenance program/inventory for all air release valves and having adequate spare/repair parts in stock including larger diameter force main sewer (pipe/couplings) for emergency repairs. • <u>Pump Station Emergency Plans:</u> The City lacks individual emergency response plans for each of all pump stations for ensuring proactive emergency preparedness and effective emergency response operations for spills. • <u>Sewer Root Control:</u> The City could further improve its ongoing root control program efforts.

ELEMENT 4 – OPERATIONS & MAINTENANCE PROGRAM

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
EFFECTIVENESS	Pages 14-24	• WDR RECOMMENDATION: The City could further improve its existing sewer easement O/M for root control efforts which should be assessed (see BACWA SSMP Development Guide section 4.2 and Appendix 5 for more details on specific root control strategies and data collection practices). • WDR RECOMMENDATION: The City could implement a formal hot spot reduction program to supplement its current O/M implementation efforts throughout the system. • WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: 1. Were all map updates completed in a timely manner? 2. Are staff trained for providing map update information? 3. Are newly installed assets incorporated into maps? 4. Are City maintenance, operations, engineering work orders periodically reviewed for completeness? 5. Does the City monitor “open” or “overdue” work orders? 6. Are inspection and maintenance activities reducing the number and volume of spills? 7. Is maintenance work being completed as scheduled? 8. Are inspections of pipes, manholes, and lift completed? 9. Does the City have a proactive root control program? 10. Has all training been completed as scheduled? 11. Have consistent training records been maintained? 12. Have staff demonstrated ability/knowledge after trainings? 13. Have contractors received, at a minimum, direction for 1) reporting spills, containment, securing sites? 14. Has the inventory list been audited as scheduled? 15. Have any inventory deficiencies or omissions been discovered?
RESILIENCE	Pages 14-24	• WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: 1. Develop a Standard Operating Procedure (SOP) for updating maps when errors are discovered. 2. Develop and use forms (paper or electronic) for data collection through inspections for ensuring all pertinent information is consistently collected. 3. Periodically evaluate inspection intervals to help ensure they are optimized. 4. Require staff to demonstrate ability and/or knowledge for all training activities. 5. Monitor equipment and critical spare parts usage for and trends. 6. Ensure cross-training for CIWQS Data Submitters for ensuring more than one staff member can collect/manage all required spill data and meet all required deadlines specified in Attachment E1 of the Reissued WDR.

FINDINGS (Element 4: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations?	Potential Areas of Concern?	City In Compliance?
Failure to establish process for ensuring sewer maps are up to date.	No	No	Yes
Failure to establish and review required maintenance program activities (CCTV, inspections, etc.)	No	No	Yes
Failure to establish adequate training program for staff and contractors.	No	No	Yes
Failure to establish equipment inventory including identification of critical spare parts.	No	No	Yes

Element 5 – Design and Performance Provisions

5.1 Updated Design Criteria and Construction Standards

REQUIREMENTS⁹

“The Plan must include the following items as appropriate and applicable to the Enrollee’s system.”

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

5.2 Procedures and Standards

REQUIREMENTS¹

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

⁹ See Attachment D-5.1 of [Reissued WDR](#) (page D-5)

FINDINGS (Element 5: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Pages 25-26	The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 25-26	The inspection revealed the City is implementing these requirements with its existing SSMP.
EFFECTIVENESS	Pages 25-26	WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: - Does the City implement its current design and construction standards, specifications, and inspection procedures? - Does the City periodically review design and construction standards, specifications, and inspection procedures for ensuring conformance to requirements? - Does the City have a review process for its standards and procedures? - Were any design or installation deficiencies found during warranty inspections? - Are hydraulic model findings included in the design process? - Does the City stay abreast of industry design standards?
RESILIENCE	Pages 25-26	WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: - Staying abreast of industry trends and standards. - Performing warranty inspections of newly installed or repaired assets to evaluate design and installation practices. - Evaluating as-built changes for trends and areas for design and performance improvements.

FINDINGS (Element 5: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations?	Areas of Concern?	City In Compliance?
Failure to establish, implement, and maintain appropriate sewer standards and procedures for inspections, and testing.	No	No	Yes
Failure to enforce instances of noncompliance.	No	No	Yes

Element 6 – Spill Emergency Response Plan

REQUIREMENTS¹⁰

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 meet all the following.

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

¹⁰ See Attachment D-6 of [Reissued WDR](#) (page D-6)

FINDINGS (Element 6: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Pages 27-29	The inspection revealed the City is in compliance with these requirements.
IMPLEMENTATION	Pages 27-29	WDR CONFORMANCE (AREAS OF CONCERN): To improve implementation, the City should address each of the following Area of Concern (AOC) revealed during the Audit prior to completing the next SSMP Update. Training/Records (see Appendix 1, Table 6): The inspection revealed the City could further improve its existing Spill Emergency Response Plan training/records for internal field staff/contractors expanding on training content, competency checks, and trainer qualifications. The City should incorporate upgrades to its internal training records and document this improvement in its SSMP Change Log and 2025 SSMP Update when completed.
EFFECTIVENESS	Pages 27-29	WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: - Check to ensure the City is implementing all recommendations for spill emergency response plans incorporated in SSMP Guidance Manual (see pages 35-39). - Does the agency implement an effective Spill Emergency Response Plan?
RESILIENCE	Pages 27-29	WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: - Provide training on a regular basis for all spill response staff. Training should include: - Determining Spill Start Time - Determining spill volume and volume recovered. - Data Collection (forms) - Containment and clean up. - CIWQS Data Submitting - Develop a training plan for contracted services. - Periodically review post-spill assessments for trends and areas for improvement.

FINDINGS (Element 6: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations?	Areas of Concern?	City In Compliance?
Failure to develop and implement a Spill Emergency Response Plan that meets all requirements.	No	No	Yes
Failure to test/evaluate emergency procedures during including deploying contracted services where necessary.	No	No	Yes
Failure for ensuring supply of adequate critical/identified spare parts/equipment prior to spills.	No	No	Yes
Failure to properly notify appropriate outside agencies/officials.	No	No	Yes
Failure to comply with Monthly No Spill Certifications	No	No	Yes

Element 7 – Sewer Pipe Blockage Control Program

REQUIREMENTS¹¹

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

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

¹¹ See Attachment D-7 of [Reissued WDR](#) (page D-7)

FINDINGS (Element 7: Analysis)

Areas Assessed	SSMP Refs.	Audit Findings/Recommendations
COMPLIANCE	Pages 30-33	The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 30-33	The inspection revealed the City is implementing these requirements with its existing SSMP.
EFFECTIVENESS	Pages 30-33	WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: - Have there been any blockages/spills from any identified problem area? - Is the agency receiving feedback on public outreach efforts? - Is the debris and other sewage solids collected during cleaning activities being disposed of appropriately? - Does the agency have a plan and schedule for inspection of grease producing facilities? Was the schedule adhered to? - Have there been spills due to excessive fats, oil, or grease in the system? - Are Source Control staff included in the plan check process?
RESILIENCE	Pages 30-33	WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: - Inspect assets directly downstream of grease producing businesses to- ensure source control is effective. - Develop outreach doorhangers or flyers to perform targeted outreach when discoveries are made in the field. - Perform regular assessments of system assets to monitor performance. - Establish a QA/QA process for evaluating pipe cleaning effectiveness.

FINDINGS (Element 7: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations?	Areas of Concern?	City In Compliance?
Failure to identify appropriate needs for pipe blockage program.	No	No	Yes
Failure for ensuring adequate pipe blockage control enforcement authority.	No	No	Yes
Failure to establish residential FOG outreach	No	No	Yes
Failure to enforce requirements for instances of noncompliance.	No	No	Yes

Element 8 – System Evaluation, Capacity Assurance, Capital Improvements

REQUIREMENTS

“The Plan must include procedures and activities for

- Routine evaluation and guidance of system conditions,
- Capacity guidance and design criteria.
- Prioritization of corrective actions.
- Capital improvement plan.”

8.1. System Evaluation and Condition Guidance

REQUIREMENTS¹²

“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 Guidance of system areas that:
- Hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies.
- Are 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/Audit Findings/Recommendations of system conditions that 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 Guidance inspections and activities,
- 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.”

¹² See Attachment D-8.1 of [Reissued WDR](#) (pages D-7 and D-8)

FINDINGS (Element 8: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Pages 34-40	The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 34-40	WDR CONFORMANCE (AREAS OF CONCERN): To improve implementation, the City should address each of the following Area of Concern (AOC) revealed during the Audit prior to completing the next SSMP Update. Capital Improvement Program (see Appendix 1, Table 6): The inspection including detailed discussions about the City's extensive sewer Capital Improvement Programs (CIPs) covering both its separate and combined sanitary sewer systems. The City should ensure its Capital Improvement Plan (CIP) description for the separate sewer system include sufficient information about the City's strategies and projects for incorporation into the City's next upcoming SSMP Update (due before 5/2/2025). This information should at a minimum include capital project descriptions, schedules, completion dates planned, funding sources, and verification of joint coordination between operations and engineering for the separate sanitary sewer system to comply with Att. D-8 of the Reissued WDR. The City should also provide a list of completed capital projects for the separate sanitary sewer system (planned/completed past 3 years) into its SSMP Update and a list of specific capital project commitments planned for the next 3 years prior to completion of its next required SSMP Audit, due by 11/2/2027. Capacity/Funding: The Pre-Inspection Conference revealed the City lacks a formal program for ensuring adequate capacity/funding for the separate sewer system. The City stated it is currently refining its existing capacity evaluation program with established funding to continue this effort. Climate Impacts/Vulnerabilities: The Audit revealed the City should expand its assessment of areas in the system potentially vulnerable to climate impacts. These enhancements could be considered for inclusion in the next SSMP Update once implemented.

EFFECTIVENESS	Pages 34-40	• WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: 1. Number of capacity-related spills or surcharge condition during the audit period? 2. Has the system responded to rain events as indicated by the hydraulic model? 3. Has there been any changes to zoning designations (residential, commercial, industrial)? 4. Rain event trends: Has there been changes in rain event occurrences, intensity, and duration? 5. Has the agency's capital improvement plan been adhered to? 6. Is there an annual review of the Capital Improvement Plan by all necessary individuals? 7. Has the City adhered to its system evaluation/condition assessment efforts? Measured by annual review and update of system inspections/evaluations procedures. 8. Has the City adhered to its prioritization/corrective actions for sewer repair and capacity improvement projects? Measured by annual review and agency prioritization/corrective actions procedures.
---------------	-------------	--

FINDINGS (Element 8: Potential WDR Violations/Areas of Concern Evaluation Evaluation)

Potential Violations	Potential Violations?	Areas of Concern?	City In Compliance?
Failure to develop and implement system evaluation, capacity assurance, and capital improvement programs.	No	Yes	No
Failure to identify sections holding high degree of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies.	No	No	Yes
Failure to identify sections located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas.	No	No	Yes
Failure to identify assets within the vicinity of receiving water with a bacterial-related impairment on the most current Clean Water Act section 303(d) List.	No	No	Yes
Failure to develop and implement capital improvement plan (CIP) for necessary sewer system repairs and improvements (short term and long-term).	No	No	Yes

Element 9 – Monitoring, Measurement, Program Modifications

REQUIREMENTS¹³

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

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

FINDINGS (Element 9: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Pages 41-42	• The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 41-42	• The inspection revealed the City is implementing these requirements with its existing SSMP.
EFFECTIVENESS	Pages 41-42	• WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: 1. Are trends being monitored and corrective action taken as necessary? 2. Have Key Performance Indicators been developed to measure the effectiveness of each Sewer System Management Plan element? 3. Has a plan and schedule been established to address audit findings/deficiencies? 4. Have changes been made to work programs and procedures because of monitoring efforts?
RESILIENCE	Pages 41-42	• WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: 1. Develop key performance indicators to measure effectiveness of the Sewer System Management Plan. 2. Perform periodic reviews of the Sewer System Management Plan to help ensure the plan is being properly implemented. 3. Develop and adhere to a timeline to correct deficiencies found during the audit process. 4. Periodically evaluate work programs to help ensure effectiveness.

¹³ See Attachment D-9 of [Reissued WDR](#) (page D-9)

FINDINGS (Element 9: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations	Areas of Concern	City in Compliance?
Failure to collect/maintain and evaluate relevant data for monitoring, measuring, and assessing preventive maintenance program effectiveness.	No	No	Yes
Failure to update/modify agency Sewer System Management Plan based on results from audits and evaluation of data required for this element.	No	No	Yes

Element 10 – Internal Audits

REQUIREMENTS¹⁴

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

- Specifications 5.4 (Sewer System Management Plan Audits)
“The Enrollee shall conduct an internal audit of its Sewer System Management Plan, and implementation of its Plan, at a minimum frequency of once every three years. The audit must be conducted for the period after the end of the Enrollee’s last required audit period. Within six months after the end of the required 3-year audit period, the Legally Responsible Official shall submit an audit report into the online CIWQS Sanitary Sewer System Database per the requirements in section 3.10 (Sewer System Management Plan Audit Reporting Requirements) of Attachment E1 of this General Order. Audit reports submitted to the CIWQS Sanitary Sewer System Database will be viewable only to Water Boards staff. 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.”

¹⁴ See Attachment D-10 of [Reissued WDR](#) (page D-10)

FINDINGS (Element 10: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Pages 45-46	The inspection revealed the City complies with this element.
IMPLEMENTATION	Pages 45-46	The inspection revealed the City is implementing these requirements with its existing SSMP.
EFFECTIVENESS	Pages 45-46	WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: - Have audits been performed as required? - Have the audits assessed compliance, implementation, and effectiveness? - Have deficiencies been identified? - Has a plan and schedule to rectify the deficiencies been established?
RESILIENCE	Pages 45-46	WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any changes in the next required SSMP update: - Periodically evaluate key performance indicators to assess effectiveness of each Sewer System Management Plan element. - Evaluate previous audit findings for ensuring deficiencies have all been addressed/rectified. - Calendar the audit due dates and complete the audit on time. - Prepare for announced/unannounced compliance inspections by regulators and by proactive with preparing required Audits by completing the State Water Board Pre-Inspection Questionnaire (see Appendix 1).

FINDINGS (Element 10: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations	Areas of Concern	City in Compliance?
Failure to conduct routine Sewer System Management Plan audits.	No	No	Yes
Failure to measure Sewer System Management Plan element effectiveness (a simple checklist will not fulfill this obligation).	No	No	Yes
Failure to implement identified deficiencies/recommendations and commit to new enhancements via a plan/schedule (short and long-term).	No	No	Yes

Element 11 – Communication Program

REQUIREMENTS¹⁵

“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, 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.”

FINDINGS (Element 11: Analysis)

Areas Assessed	SSMP Ref.	Audit Findings/Recommendations
COMPLIANCE	Page 47	• The inspection revealed the City complies with this element.
IMPLEMENTATION	Page 47	• The inspection revealed the City is implementing these requirements with its existing SSMP.
EFFECTIVENESS	Page 47	• WDR RECOMMENDATION: To measure effectiveness and ensure alignment with available industry standard guidance, the City should check/verify the following data for inclusion in its next required SSMP update: 1. Does the agency place all Sewer System Management Plan action items on the agenda for regular counsel/board meetings? 2. Does the agency have signage, or other means, readily available to notify the public of env. or public risk factors related to a sewage spill? 3. Does the agency regularly communicate with other systems connected to the system? 4. Was the public afforded the opportunity to provide input as the program was being implemented? 5. Does the agency perform outreach to residential customers?
RESILIENCE	Page 47	• WDR RECOMMENDATION: To provide resilience and align with available industry standard guidance, the City should check/verify the following data, make adjustments as necessary, and include any Use the Sewer System Management Plan as a tool to communicate to the public how the agency is managing the system. 1. Maintain a consistent presence in the service area by attending community events or issuing periodic newsletters or other communications to the public. 2. Make it clear and easy for the public to contact the agency.

¹⁵ See Attachment D-11 of [Reissued WDR](#) (page D-10)

FINDINGS (Element 11: Potential WDR Violations/Areas of Concern Evaluation)

Potential Violations	Potential Violations	Areas of Concern	City in Compliance?
Failure to develop and implement a public communication program, especially during emergencies.	No	No	Yes
Failure to solicit input on Sewer System Management Plan content.	No	No	Yes
Failure to communicate with owners/operators of sewer system(s) connected to the agency's sewer system.	No	No	Yes

Attachment E1 – Notification, Monitoring, Reporting, Record Keeping

REQUIREMENTS¹⁶

The Notification Requirements (section 1), Spill-specific Monitoring Requirements (section 2), Reporting Requirements (section 3) and Recordkeeping Requirements (section 4) in this Attachment are pursuant to Water Code section 13267 and section 13383, and are an enforceable component of this General Order.

For the purpose of this General Order, the term:

- Notification means the notifying of appropriate parties of a spill event or other activity.
- Spill-specific Monitoring means the gathering of information and data for a specific spill event to be reported or kept as records.
- Reporting means the reporting of information and data into the online California Integrated Water Quality System (CIWQS) Sanitary Sewer System Database.
- Recordkeeping means the maintaining of information and data in an official records storage system. Failure to comply with the notification, monitoring, reporting and recordkeeping requirements in this General Order may subject the Enrollee to civil liabilities of up to \$10,000 a day per violation pursuant to Water Code section 13385; up to \$1,000 a day per violation pursuant to Water Code section 13268; or referral to the Attorney General for judicial civil enforcement. Water Code section 13193 et seq. requires the Regional Water Quality Control Boards (Regional Water Boards) and the State Water Resources Control Board (State Water Board) to collect sanitary sewer spill information for each spill event and make this information available to the public. Sanitary sewer spill information for each spill event includes but is not limited to: Enrollee contact information for each spill event, spill cause, estimated spill volume and factors used for estimation, location, date, time, duration, amount discharged to waters of the State, response and corrective action(s) taken.

¹⁶ See Attachment D-11 of [Reissued WDR](#) (page D-10)

FINDINGS (Attachment E1: Analysis)

WDR CONFORMANCE (POTENTIAL VIOLATIONS): To improve implementation, the City should address each of the following Area of Concern (AOC) revealed during the Audit prior to completing the next SSMP Update including development of improved internal procedures for ensuring notification and reporting deadlines are not missed to avoid future violations of the Reissued WDR.

Spill Reports: The City spill reports lack key details including documentation for spill start time, volume calculations, and volume recovered.

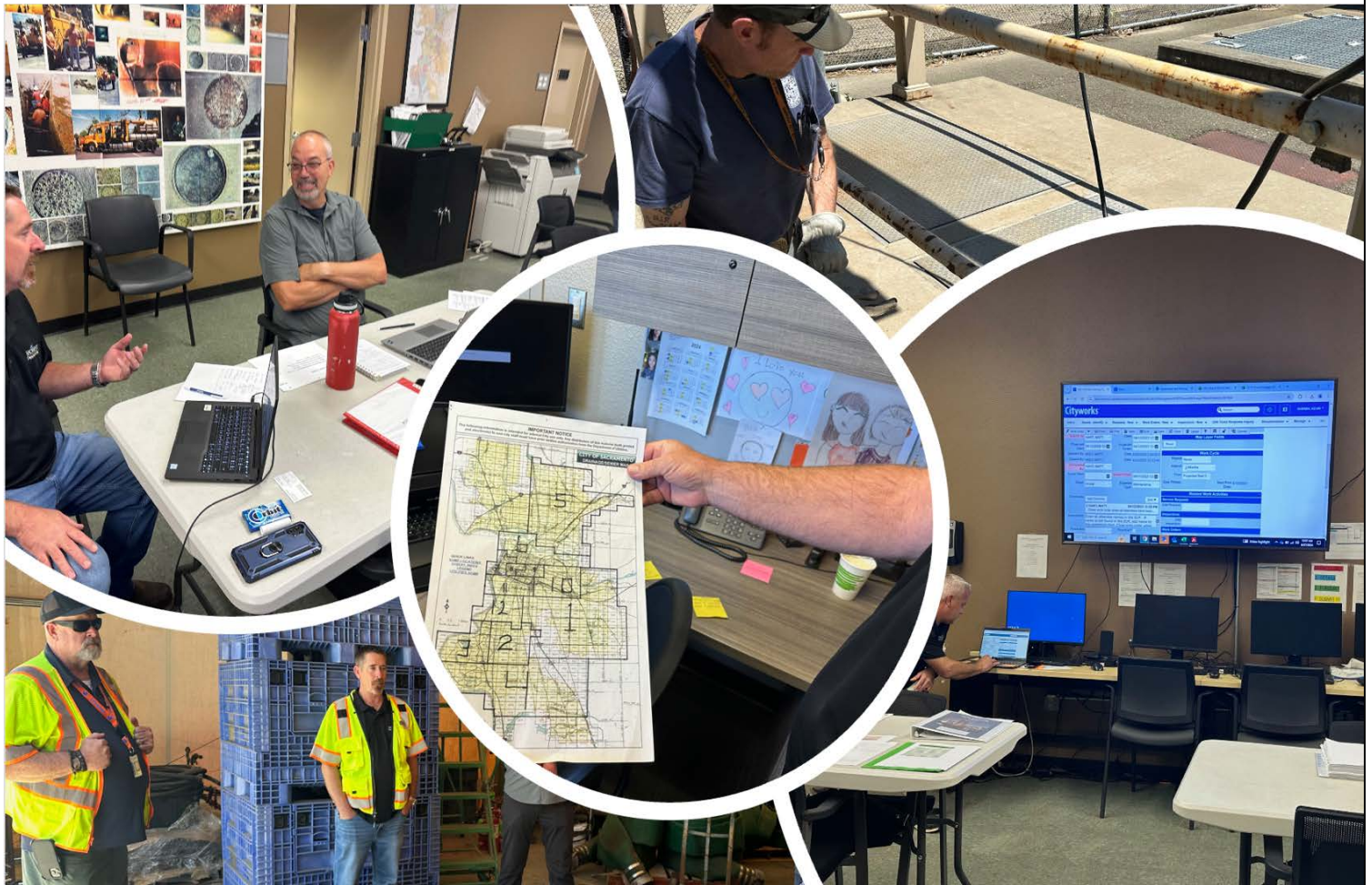
Spill Notification/Reporting Compliance:

- 6 instances of missing 2-hour (120 minute) Category 1 spill notification requirement to [Cal-OES](#)
 - 03/24/11 (+282 minutes over requirement)
 - 01/11/17 (+151 minutes over requirement)
 - 11/30/18 (+63 minutes over requirement)
 - 12/27/19 (+39 minutes over requirement)
 - 3/17/21 (+698 minutes over requirement)
 - 12/26/22 (+135 minutes over requirement)
- 1 instance of missing Draft 3 business day Category 1 spill report to [CIWQS](#) (+34 days over requirement)

LIST OF APPENDICIES

- APPENDIX 1 – City Compliance Evaluation Inspection (CEI) Report
- APPENDIX 2 – City Previous SSMP Audit Findings (2018-2021)
- APPENDIX 3 – City Spill Performance Benchmark Report
- APPENDIX 4 – City SSMP Audit Implementation Plan and Schedule (2024-2026)
- APPENDIX 5 – City Key Performance Indicator (KPIs)
- APPENDIX 6 – City List of Spills (2007-2024)

City of
SACRAMENTO
Department of Utilities



COMPLIANCE EVALUATION INSPECTION REPORT

Prepared by:



Sanitary Sewer
Collection System
WDID=5SSO10901

Table of Contents

1. Introduction 3

2. Inspection Summary 4

3. Inspection Steps..... 4

4. Inspection Tasks 4

5. TASK A (Pre-Inspection Conference)..... 5

6. TASK B (Pump Station Inspection) 10

7. Findings and Recommendations 12

8. Conclusions 13

9. Post-Inspection Data Requests 14

List of Tables

Table 1 – Inspection Summary (Areas of Concern) 4

Table 2 – List of inspection Tasks 5

Table 3 – Task A (Best practices identified during inspection) 9

Table 4 – Task A (Areas of Concern identified during inspection)..... 9

Table 5 – Task B (Best practices identified during inspection) 11

Table 6 – Task B (Areas of Concern identified during inspection)..... 11

Table 6 – Inspection Findings and Recommendations (Areas of Concern) 12

1. Introduction

On June 27, 2024, James Fischer (Fischer Compliance LLC) and Sam Rose (Sam Rose Consulting) conducted a Compliance Evaluation Inspection (CEI) of the City of Sacramento Department of Utilities (City) separate sanitary sewer system to evaluate compliance with the Statewide Sanitary Sewer Systems General Order ([Order No. 2022-0103-DWQ](#)), hereafter “Reissued WDR¹.”

FACILITY INSPECTED:		INSPECTED BY:	
City of Sacramento Utilities 1395 35 th Street Sacramento, CA 95822		James Fischer, P.E. NPDES Compliance Inspector ² Principal, FISCHER COMPLIANCE, LLC <i>James Fischer</i> Date: 06/27/2024	
SANITARY SEWER COLLECTION SYSTEM (WASTEWATER)		Waste Discharge ID (WDID): #5SSO10901	
Water Quality Order(s)		2022-0103-DWQ (Reissued WDR)	
Regional Water Boards		5S (Sacramento)	
County		Sacramento	
Service Area Population		528,001	
Miles of Sewers (gravity)		476	
Miles of Sewers (force mains)		6	
Lift/Pump Stations (#)		43	
Above ground pipelines (#)		62 (gravity) and 2 (force mains)	
Air release valves (force mains, #)		TBD	
Sewer siphons (#)		6	
Sewer lower later responsibility (Y/N)		N	
Final wastewater disposal		Sacramento County Regional Sanitation WWTP	
Next SSMP Audit (due to be uploaded to CIWQS)		11/2/2024 ³	
FACILITY REPRESENTATIVE	TITLE	CONTACT	
Kevin Guerra	Director of Operations	(916) 808-1433	
Roxanne Dilley	Engineering Manager	(916) 808-1433	
Amy Farmer	Project Manager	(916) 808-1433	

¹ See https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2022/wqo_2022-0103-dwq.pdf

² Credentialed, U.S EPA 2017

³ See https://www.waterboards.ca.gov/water_issues/programs/sso/lookup/

2. Inspection Summary

The inspection incorporated both a pre-inspection meeting and onsite field inspections for comprehensively assessing the City's SSMP compliance, implementation, and effectiveness with the Reissued WDR (see inspection summary presented in Table 1 below). This information provides a key advantage for helping City managers proactively reflect on ways for further improving its and implementing necessary adjustments to existing programs for preparing for its required SSMP Audit due by 11/2/2025.

A summary of the City's overall scores with compliance and implementation of the Reissued WDR based on the inspection is provided in Table 1 below including key identified Areas of Concern (AOC). The City scored an overall rating of 78% for all inspection tasks.

Table 1 – Inspection Summary (Areas of Concern)

Observation	Area Assessed	Details/Findings	Related WDR Reqs.	Compliant (0-5)	Implementing (0-5)	City Score
AOC A1	Staffing, resources	Vacancies.open positions (operations)	Spec. 5.7, Att. D-4	3	4	70%
AOC A2	Backup/spare parts	Backup supplies, inventory	Spec. 5.19, Att. D-4	4	4	80%
AOC A3	Inspections	CCTV (pipelines)	Att. D-8	4	4	80%
AOC A4	Capital Improvement projects	Planning/execution/completion	Spec. 5.19, Att. D-8	4	4	80%
AOC A5	SERP training	Spill Emergency Response Plan training	Att. D-8	3	4	70%
AOC A6	Procedures	Standard Operating Procedures (SOPs)	Spec. 5.19, Att. D-4	5	4	90%
AOC A7	Upstream manholes	Upstream manhole ID at all pump stations	Spec. 5.19, Att. D-4	5	4	90%
AOC A8	Work Orders	Overdue work orders & tracking	Spec. 5.19, Att. D-4	3	3	60%
AOC A9	Spill Records	Quality/documentation	Spec. 5.19, Att. D-4	4	4	80%
Average						78%

3. Inspection Steps

The inspection incorporated the following steps:

1. Desktop document review (City SSMP, spill data)
2. Pre-Inspection Conference
3. Review of City's completed State Water Board Pre-Inspection Questionnaire v4 (see **Attachment 1**)
4. Compliance Evaluation Inspection (CEI), interviews and inspection of select field assets
5. Post-Inspection review

4. Inspection Tasks

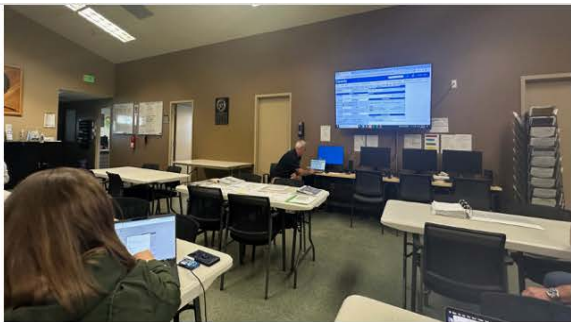
The inspection incorporated the following key tasks for evaluating the City's SSMP compliance, implementation, and effectiveness with the Reissued WDR (see Table 2 below).

Table 2 – List of inspection Tasks

Task	Description	Areas Assessed	SSMP Elements
A	(Pre-Inspection Conference, Corp Yard Inspection)	• Organization/staffing/vacancies • Inspections and cleaning programs • Critical spare parts • Fats, oils, and grease (FOG) and root control programs • Capital improvement program (CIP) • Re-Organization • Training program • Spill Emergency Response Implementation • Standard Operating Procedures • Notification system testing • Work orders • Records/start time/volume estimations • Audit of backup supplies, emergency & spare parts • Management interviews (O/M program)	• Element 2 • Element 8 • Element 4 • Element 7 • Element 8 • Element 2 • Element 4 • Element 6 • Element 4 • Element 6 • Element 4 • Att. E1
B	(Pump Station Inspection, Sump 21)	• Emergency response procedures • Inspection procedures • O/M	• Element 6 • Element 4 • Element 4

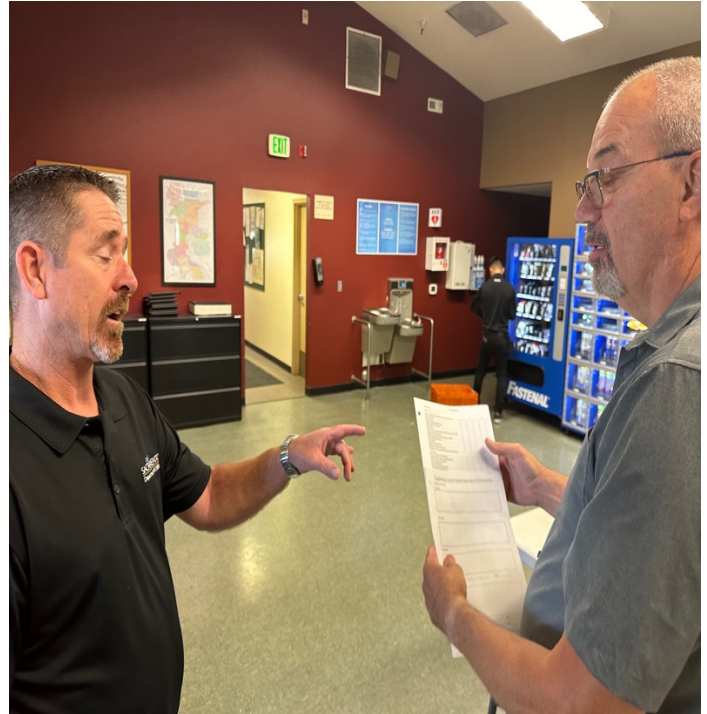
5. TASK A (Pre-Inspection Conference)

This task included a detailed interviews with the City's Collection System Managers and staff (see pre-inspection conference photo below and individual inspection photos, A1-A8 and B1-B4 below).





Task A (Photo A1): Inspection of City computerized maintenance management system (work orders and maintenance items), including use of dashboards for managing sewer system data and tracking overdue work orders.



Task A (Photo A2): Inspection of City current training documentation and discussion of procedures; documentation includes detailed forms for both field staff and supervisors/superintendent.

Evaluation of: DEAN MILLER Maintenance

WEEK of: 6/1/2020 to 6/5/2020 #1

CHECK THE ITEMS THAT YOU WORKED ON THAT SHOULD BE EVALUATED

	6-1	6-2	6-3	6-4	6-5
Proper use of PPE's					
Show initiative					
Login and Navigate through Ecops					
Pre Trip and Post Trip (Donor)					
Learns quickly					
Able to read & understand GIS Map, CMMS Map and Map Book					
Keeps truck stocked and clean					
Ability to login, navigate, & make changes to CMMS					
Listens and follows direction					
Job site safety					
Proper radio communication					
Traffic control setup and take down					
Knowledge of "Smart Covers" (lid removal and replacement)					
Jet Cleaning:					
Know how to plan out a cleaning job					
Understand truck controls and safety lighting					
Know how to set up on manhole					
Nozzle selection for job					
Set up and operation of chain fall					
Jet clean safely and proficiently					
Know when and how to set up and operate vacuum					
Know how to use pump off system					
Know how to gravity decant grey water					
Know when and how to dump solids					
Know how to inspect, clean, grease, maintain, troubleshoot truck					
Rodding:					
Knowledge of Rodder controls and Safety Lighting					
Knowledge of how to put together rodler tools (cork screws, three blade cutters, ect)					
Knowledge of cutting torches (how to set them up and how to use them to cut rod)					
Knowledge of how to load and unload rod on the truck					
Knowledge of how to thread rod through the roller head					
Knowledge of putting a knuckle on the end of the rod					
Rod Safety and Proficiency					
Trainer comments:					
6/1/2020 - Permitted Community Clean up.					
6/5/2020 - Dean shows initiative, listens well and has a well understanding on how the truck runs. Will need more training due to first time on vehicle - Mike - Toman					
TRAINER: (PRINT) <u>MICHAEL DEAN POMA</u>	Date: <u>6/5/2020</u>				
Staff Evaluated: <u>DEAN MILLER</u>	Date Reviewed:				

5:\COM\WATER\BOD\Waterworks\Main\30014\13\FORMS\APPRENTICE EVALUATION FORMS.docx FORM REVISED: 2/22/2018

Task A (Photo A3): City training task/sign-off form showing detailed field staff training records.

MONTHLY GOALS Starting Street

SECTION	GOAL	ACTUAL
JET VAC	120,000 FEET	149,793
ROD	55,000 FEET	36,811
CCTV	43,000 FEET	27,296
SPIDER	64 INSPECTS COMPLETED	64
REPAIRS	80% COMPLETION OF WLOS THAT STARTED 8 DAYS PRIOR	78
RESPONDERS	Calls Responded To Last Month	258
FOG (WILL VARY)	COMPLETION OF SCHEDULED WORK FOR THE MONTH & 48 HRS PRIOR TO OTHERS	✓

Kevin Walter Supervisor

Task A (Photo A4): Example tracking data of City maintenance program/goals for collection system.



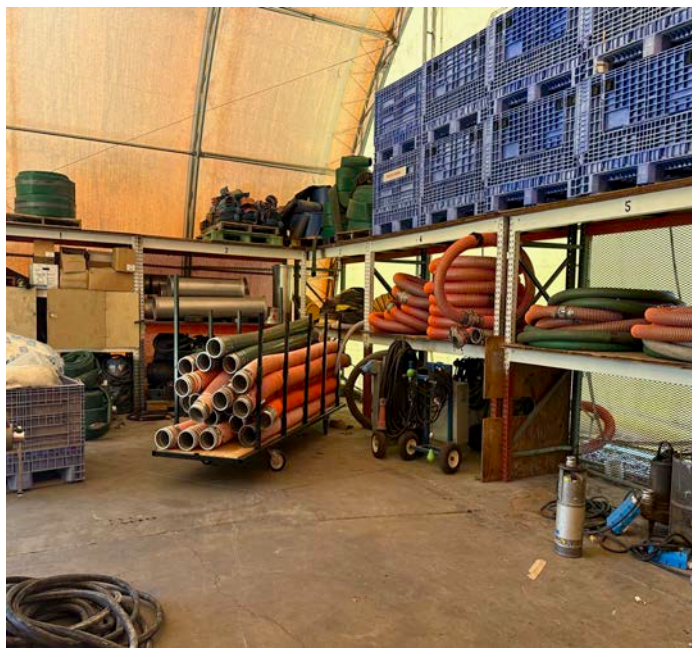
Task A (Photo A5): Inspection of City spare part inventory (view 1); management indicated some issues with timeliness getting some backup parts ordering affecting backup parts for system.



Task A (Photo A6): Inspection of City spare part inventory (view 2) including customized bins and labels for key critical parts such as spare pumps.



Task A (Photo A7): Inspection of City machine shop areas; City has extensive internal machining capabilities for handling repairs and maintenance.



Task A (Photo A8): Inspection of additional City backup supplies and equipment in outside storage facility, organized and ready for field deployment.

A list of Best Practices (BPs) identified during Task A of the inspection is presented in Table 3 below.

Table 3 – Task A (Best practices identified during inspection)

TASK A	Best Practices (BPs)	SSMP Elements
(Pre-Inspection Conference)	BP A1: Extensive collaboration and communication including regular joint coordination with capital projects between sewer operations and engineering staff.	Element 1 (Att. 8-1)
	BP A2: Extensive maintenance and training programs.	Elements 4 (Att. D-4)
	BP A3: Active flow level sensors throughout system for early detection of issues to help reduce/prevent spills.	Elements 4, 6 (Att. D-4, D-6)
	BP A4: Extensive tracking of maintenance program progress/goals	Elements 4, 6 (Att. D-4)
	BP A5: Extensive manhole inspection program	Elements 4, 6 (Att. D-4)

A list of Areas of Concern (AOC) identified during Task A of the inspection are presented in Table 4 below.

Table 4 – Task A (Areas of Concern identified during inspection)

TASK A	Areas of Concern (AOC)	SSMP Elements
(Pre-Inspection Conference)	AOC A1: Numerous open operational/maintenance program vacancies and issues on procedures & timeliness for backfilling open slots	Element 1 (Spec. 5.7)
	AOC A2: Equipment purchasing/backup/spare parts delays/concerns	Element 4 (Att. D-4)
	AOC A3: Capital improvement projects	Element 8 (Att. D-8.1)
	AOC A4: Critical parts/inventory	Element 4 (Att. D-4)
	AOC A5: Spill Emergency Response Plan training records (including documentation demonstrating contractor training) currently lacking documentation who was trained, competency, and trainer information	Element 4 (Att. D-4)
	AOC A6: Evaluate Standard Operating Procedures (SOPs)	Element 4 (Att. D-4)
	AOC A7: Lowest upstream manhole overflow points for pump stations	Element 4 (Att. D-4)
	AOC A8: Overdue work orders in system/lack of tracking	Element 4 (Att. D-4)
	AOC A9: Spill records lacking details on start time/calcs/recovery data	Att. E1

6. TASK B (Pump Station Inspection)

This task included auditing the City sewer corporation yard, interviewing staff, and inspecting equipment.



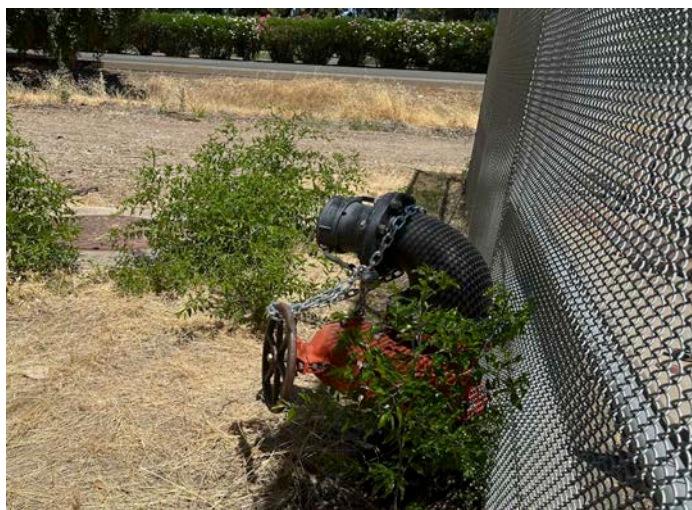
Task B (Photo B1): Inspection of Sump 21 pump station (view 1).



Task B (Photo B2): Inspection of Sump 21 pump station (view 2); emergency notification signage with contact numbers mounted on entrance gate.



Task B (Photo B3): Inspection of pump station wet well; no significant corrosion, solids, or a grease mat buildup on top of flow observed.



Task B (Photo B4): Inspection of locked bypass piping system installed at station.

Table 5 – Task B (Best practices identified during inspection)

TASK B	Best Practices (BPs)	SSMP Elements
(Operations Audit)	BP B1: Public emergency notification signage on pump station for facilitating early emergency notification to City staff for issues observed by public	Element 6 (Att. D-6)
	BP B2: Extensive availability of backup/emergency response equipment, supplies, parts observed operational and ready for deployment	Elements 4, 6 (Att. D-4, D-6)
	BP B3: Extensive operator collection system knowledge, skills and competency	Element 4 (Att. D-4)
	BP BP4: Detailed routine inspection/maintenance schedules for pump stations	Element 4 (Att. D-4)
	BP BP5: Cross-training program for field staff	Element 4 (Att. D-4)

A list of Areas of Concern (AOC) identified during Task B of the inspection are presented in Table 4 below.

Table 6 – Task B (Areas of Concern identified during inspection)

TASK B	Areas of Concern (AOC)	SSMP Elements
(Operations Audit)	None	None

7. Findings and Recommendations

To meet/exceed the requirements of the Reissued WDR, the Agency should address all findings areas of concerns identified in Table 6 below for completion of its next required SSMP Audit and updating its SSMP.

Table 6 – Inspection Findings and Recommendations (Areas of Concern)

Areas of Concern (AOC)	Findings/Recommendations
AOC A1: Numerous open maintenance program vacancies	- The inspection revealed the City has a significant number of individual open positions that have proved difficult for Utilities management to backfill in a timely manner; the City should improve internal procedures and formulate a plan/schedule for backfilling all open Utility positions. - The City should include a description of this new procedure when established and implemented into its 2025 SSMP Update.
ACO A2: Equipment purchasing/backup parts delays	- The inspection revealed the City has significant issues ordering necessary backup supplies and equipment impacting required O/M critical spare parts & equipment for the collection system. - The City should formulate a plan for improvements and include a description of these changes once established for its 2025 SSMP Update.
AOC A3: Capital improvement projects	- The inspection including detailed discussions about the City's extensive sewer Capital Improvement Programs (CIPs) covering both its separate and combined sewer systems. - The City should ensure its Capital Improvement Plan (CIP) description for the separate sewer system includes sufficient information about the City's strategies and projects for incorporation into the City's next upcoming SSMP Update (due before 5/2/2025). This information should at a minimum include capital project descriptions, schedules, completion dates planned, funding sources, and verification of joint coordination between operations and engineering to comply with Att. D-8 of the Reissued WDR. - The City should also provide a list of completed capital projects (planned/completed past 3 years) into its SSMP Update and a list of specific capital project commitments planned for the next 3 years prior to completion of its next required SSMP Audit, due by 11/2/2027.
AOC A4: Critical parts/inventory	The inspection revealed the City could further improve its list of identified critical parts/inventory and incorporate any changes once implemented into its 2025 SSMP Update.
AOC A5: Spill Emergency Response Plan training records	- The inspection revealed the City could further improve its existing Spill Emergency Response Plan training/records for internal field staff/contractors expanding on training content, competency checks, and trainer qualifications - The City should incorporate upgrades to its training records into its 2025 SSMP Update.
AOC A6: Evaluate Standard Operating Procedures (SOPs)	The inspection revealed the City should evaluate SOPs for consistency with Reissued Order requirements.

Areas of Concern (AOC)	Findings/Recommendations
AOC A7: Lowest upstream manhole overflow points for pump stations	The inspection revealed the City could further improve identification of all lowest upstream manhole locations that could spill for all pump station assets.
AOC A8: Overdue work orders in system/lack of tracking	The inspection revealed the City could further improve auditing open work orders.
AOC A9: Spill records lacking details on start time, volume calcs, recovery details	The inspection revealed the City spill reports lack key details including documentation for spill start time, volume calculations, and volume recovered.

8. Conclusions

The City should address all identified areas of concern presented in Table 7 above including development of a plan/schedule for resolving each item. Upon resolution of each area of concern, the City should update its SSMP change log and prepare all upgrades and information for inclusion into its 2025 SSMP Update.

List of Attachments

Attachment 1 (State Water Board Pre-Inspection Questionnaire v4 completed by City)

Attachment 2 (Summary of Previous SSMP Audit Findings)

Attachment 3 (Post-Inspection Data and Responses to Individual Inspection Findings)

9. Post-Inspection Data Requests

The following items are requested from the City for further supporting completion of the final Compliance Evaluation inspection (CEI) report.

1. Equipment/parts lists including identified critical spare parts inventory available for use by outside service contractors.
2. List of City Standard Operating Procedures (SOPs) currently in use.
3. Narrative explanation expanding on the City's current vacancies (length of time current vacancies open, date of expected backfill dates for all open positions)
4. Narrative explanation expanding on the rationale for the City's existing cleaning program/frequencies.
5. Narrative explanation expanding on the City's existing FOG reduction program strategies including a list of enforcement actions taken against grease producing facilities for past 3 years.
6. Narrative explanation expanding on the City's field operator incentive program for reducing spills
7. Narrative explanation expanding on the City's procedures in use for determining spill start times.
8. List of all spills stopped/prevented in system for past 3 years.
9. Completed alarm testing records (past 12 months) for Sump 42
10. Completed valve exercising records for Sump 21 (past 12 months)
11. Description of most recent logicitics department audit report trigger re-organization of resources
12. Capital improvement program project reports.

Appendix 2
Status of Past 2021 Audit Findings

SSMP Chapter	Recommendation	2024 Status from City of Sacramento
2.2	Update SSMP Contact List to show the Wastewater and Drainage Division Manager as LRO (once hired), and organization chart to reflect and changes since last SSMP audit.	Completed, and process put in place for annual review of SSMP Contact List
2.2	Consider process and workflow improvements to ensure that Cityworks SSO inspection data is consistent with all information entered into CIWQs. Clearly define by who, when, and how data is entered into each required record keeping system.	Completed, process will be described in updated SSMP.
3.2	Review and update ordinance, including recommendations from FOG consultant from update to FOG manual	No revisions determined to be necessary.
4.3	Describe how manholes are visually inspected as part of the PM activities and are repaired if needed.	Complete, will be retained in updated SSMP
4.3	Finalize the new SOPs that are currently being developed and include them in Appendix B, including CCTV SOP and First Responders SOP.	Complete, will be incorporated by reference into updated SSMP
4.3	Provide a simplified PM flowchart of current O&M activities with frequencies (1 mo, 3 mo, 6 mo, 12 mo, 24 mo, and 60 mo), this could eliminate some of the text and statistics from the SSMP and help simplifying future updates.	Will be incorporated into updated SSMP, as applicable.
4.3	Modify the SSMP to mention criteria used to place an asset in a higher frequency cleaning program as described in the Cleaning SOP and Appendix B.	Will be retained in updated SSMP.
4.3	Consider public outreach messaging to educate residents on the importance of quickly notifying the City via 311 if a potential SSO is observed.	Complete, and will be on-going. Will be retained in updated SSMP.
4.3	As a result of System X reclassification to Combined (noted in Section 2, Agency Background/System Information), sump stations will need to be reviewed for potential recategorization.	More specific system descriptions will be incorporated into SSMP to provide clarity.
4.4	Continue implementation of a manhole inspection program with NASSCO MACP standards.	Complete, will be retained in updated SSMP.
4.4	Update the SSMP to reflect the actual methodology used for CIP prioritization and include supporting documents in the SSMP (InfoAsset Planner Sewer Model Implementation Project Summary Report).	Will be incorporated into updated SSMP.
4.4	Utilize InfoAsset Planner to establish a periodic analysis of work orders with multiple condition assessment scores of 4 to determine what type of work is required to address the defects.	Process description will be provided in updated SSMP
4.4	Develop method for addressing capacity considerations in the prioritization and development of CIPs, and document approach.	Will be incorporated into updated SSMP.
4.4	Update the SSMP to include current process for visual manhole inspection.	Complete, will retained in updated SSMP.
4.4	Consider the development and implementation of a force main condition assessment program.	In development. Pilot program started.
4.5	Utilize the newly developed SOPs as a training tool for City staff. The SOPs should be developed so that they 1) provide a framework for the consistent delivery of required information, skills, and familiarity with equipment and 2) can be used to demonstrate competence of an individual in the particular subject.	Complete, will be retained and referenced in the updated SSMP.
4.5	Consider summarizing this section with a table that shows training topics and frequencies: · Training topics: PM SOPs, Standard Operating Procedures for Sewer Overflow/Outflow Emergency Response, JHAs, First Responder, etc. · Quarterly, biannually, or annual; when onboarding; when new equipment is added	Required training topics and frequencies will be incorporated into updated SSMP.
4.5	Develop a training log sheet to track training topics through a year and develop a metric that can be used to evaluate performance of the training element. For instance, this can be measured by % completed of required annual trainings or total hours of trainings combined based on a set goal.	Tracked within CMMS, KPI will be added to updated SSMP.
4.6	Provide more details on how major maintenance equipment and critical parts are managed by Business Service Logistics Section and others. It would be beneficial to include a list of critical equipment in Appendix B of the SSMP.	Will be incorporated in updated SSMP.
4.6	Identify critical replacement parts for pump stations. Include a plan to either acquire spare parts in the replacement parts inventories or a timely means for fabricating or acquiring critical spare parts in the event of a failure (outstanding action from previous audits).	Will be incorporated in updated SSMP.
4.6	Implement the Condition Assessment Program for pump stations once it has been finalized. Update the SSMP to reflect this implementation.	Will be incorporated in updated SSMP.
4.6	Continue implementation of CMMS tracking process for Mechanical section.	Relevant SOPs will be incorporated by reference in updated SSMP.
4.6	Create instructions for creation of replacement parts in need of fabrication.	Relevant SOPs will be incorporated by reference in updated SSMP.
5.2	Post all DPM sections on City of Sacramento's website, DOU page.	Complete

Appendix 2
Status of Past 2021 Audit Findings

6.3	Update the Standard Operating Procedures for Sewer Overflow/Outflow Emergency Response and upload to the City's SSMP.	Complete, incorporated into the required Spill Emergency Response Plan
6.4	Complete the development of pump station failure contingency standard procedures. For any stations that lack back-up pumps and generators, the procedures should specify a protocol for prompt delivery of portable pumps or generators in the event of a station failure. The procedures should also identify where an SSO will occur if a station fails and where bypass intake and discharge should be set up (outstanding action from previous audits).	In development.
6.5	Update the Standard Operating Procedures for Sewer Overflow/Outflow Emergency Response contact list to align with the SSMP updates. Consider moving to an appendix in the Standard Operating Procedures for Sewer Overflow/Outflow Emergency Response for easier and more timely updates.	Complete, incorporated into the required Spill Emergency Response Plan
7.2	Include the updated 2015 FOG program manual and corresponding appendices in the SSMP and modify the section. Ensure consistency between the SSMP and the FOG program documents.	Relevant SOPs and manuals will be incorporated by reference in updated SSMP.
8.3	Conduct further flow monitoring if needed to ensure adequate model calibration.	Model calibration is a continual process, description of capacity evaluations processes will be incorporated into updated SSMP.
8.3	Continue with any needed static hydraulic evaluation to confirm and update spreadsheet results.	Hydraulic evaluation is a continual process, description of capacity evaluations processes will be incorporated into updated SSMP.
8.3	Continue the process of developing hydraulic models for all basins where the future conditions spreadsheet and/or flow monitoring analysis indicate capacity deficiencies. Utilize hydraulic models to identify/confirm future hydraulic deficiencies and plan, design, and construct improvements as needed to eliminate them.	Description of capacity evaluations processes will be incorporated into updated SSMP.
8.4	Include depth-to-diameter ratio (d/D) maximum limits listed in the DPM in the SSMP design criteria table.	Relevant manuals will be incorporated by reference in updated SSMP.
8.5	Update the SSMP to reflect completion of the water retrofit program.	Not applicable in updated SSMP.
8.5	Modify the SSMP to reference that the latest ongoing CIP projects can be found in the Approved Capital Improvement Program budget documents, which are posted on the City's Budget, Policy & Strategic Planning Division page. Update Appendix D flowchart.	Completed, and will be retained in updated SSMP.
8.5	Describe procedure(s) used to create and/or modify the list of potential CIPs to address capacity-related deficiencies in the separated sewer system.	Process description will be provided in updated SSMP.
8.6	Update Table 8.3 of the SSMP or reference where outstanding CIPs can be found.	Process description will be provided in updated SSMP.
9.3	Continue to evaluate performance metrics and goals/target ranges to ensure alignment with SSMP elements and effectiveness in providing meaningful insights into potential improvements to the preventative maintenance program. Add additional metrics to align with new activities, or activities that are deemed to need greater emphasis/monitoring.	KPIs will be provided in updated SSMP.
9.5	Provide a change log as an appendix that documents changes made to the SSMP per element with corresponding date and brief explanation of the update since the last recertification.	Completed, and will be retained in updated SSMP.
9.6	Add units to the vertical axis in Figures 9.1 and 9.2.	Figures updated in Annual CIWQS Report per new SSS WDR requirements.
9.6	Consider replacing Table 9.1 with a table listing volumes per 100 miles per category, volume of spill reached SW per 100 miles of sewer, or volume per 100 miles per cause	Figures updated in Annual CIWQS Report per new SSS WDR requirements.
9.6	Consider clarifying in the SSMP the definition of total sewer miles in these calculations. This could be clarified in a Glossary of terms.	Clarity on system definitions and data references will be incorporated into updated SSMP.
9.6	Update Appendix E of the SSMP, detailed SSO data may be included in the audits and out of the SSMP, modify text accordingly.	Complete, SSO data summarized in Annual CIWQS Reports and audits only and will not be incorporated into Updated SSMP.
10.2	Schedule the next Internal SSMP Audit for 2023. Identify the appropriate level of internal or external resources to conduct the Audit and describe the audit procedure and schedule in the SSMP.	Completed according to new SSS WDR.
10.2	Post this audit on the City of Sacramento's website, Department of Utilities page.	Complete
10.2	Update the SSMP at minimum every two years (every year if significant changes are warranted). Re-certify SSMP updates every 5-years through City Council. Due date for next recertification will be October 15, 2024.	Will be completed according to new SSS WDR.
10.2	Stay up to date on upcoming SWRCB WDR revisions and requirements through the State Water Board email system: (https://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.html)	Ongoing
11.2	Update contact information on City DOU website to reflect any staffing changes since last audit.	Completed, and process put in place for annual review of SSMP Contact List

1. Status updated provided by Environmental and Regulatory Compliance Section as of October 2024.

Appendix 3 — City Spill Performance Benchmarking Report

The purpose of this Appendix is to provide a spill benchmarking report to present the City's metrics for assisting the City and regulators further evaluate spill reduction performance and other data. The report pulls available data from the State Water Board online database (CIWQS) and utilizing Fischer Compliance LLC's customized modeling software for generating data visuals to showcase and compare the City's benchmarks against other sewer collection system agencies located within the Sacramento Valley (Regional Water Board 5) area.

List of Figures

Figure 1 – City Spill Dashboard (2007-2024)	3
Figure 2 – City Spill Dashboard (# of spills/100 miles of sewer by year, 2007-2024).....	4
Figure 3 - City # of spills/100 miles of sewer compared with other Region 5 agencies (2007-2024)	5
Figure 4 - City Spill recovery metrics data compared with other Region 5 agencies (2007-2024)	6
Figure 5 - City Spill Volumes by year, 2007-2024	7
Figure 6 - City Spill Causes by volume compared with other Region 8 agencies (2007-2024)	7
Figure 7 - City Spill Causes by # of spills (2007-2024)	9
Figure 8 - City Spill Causes by volume of spills (2007-2024)	10
Figure 9 - City Spill Causes (by # of spills) compared with other Region 5 agencies (2007-2024)	11
Figure 10 - City Spill Causes (by volume of spills) compared with other Region 5 agencies (2007-2024)	12
Figure 11 - City Spill Locations Where Spills Occurred (2007-2024)	13
Figure 12 - City Spill Locations Where Spills Occurred compared with other Region 5 agencies (2007-2024)	14

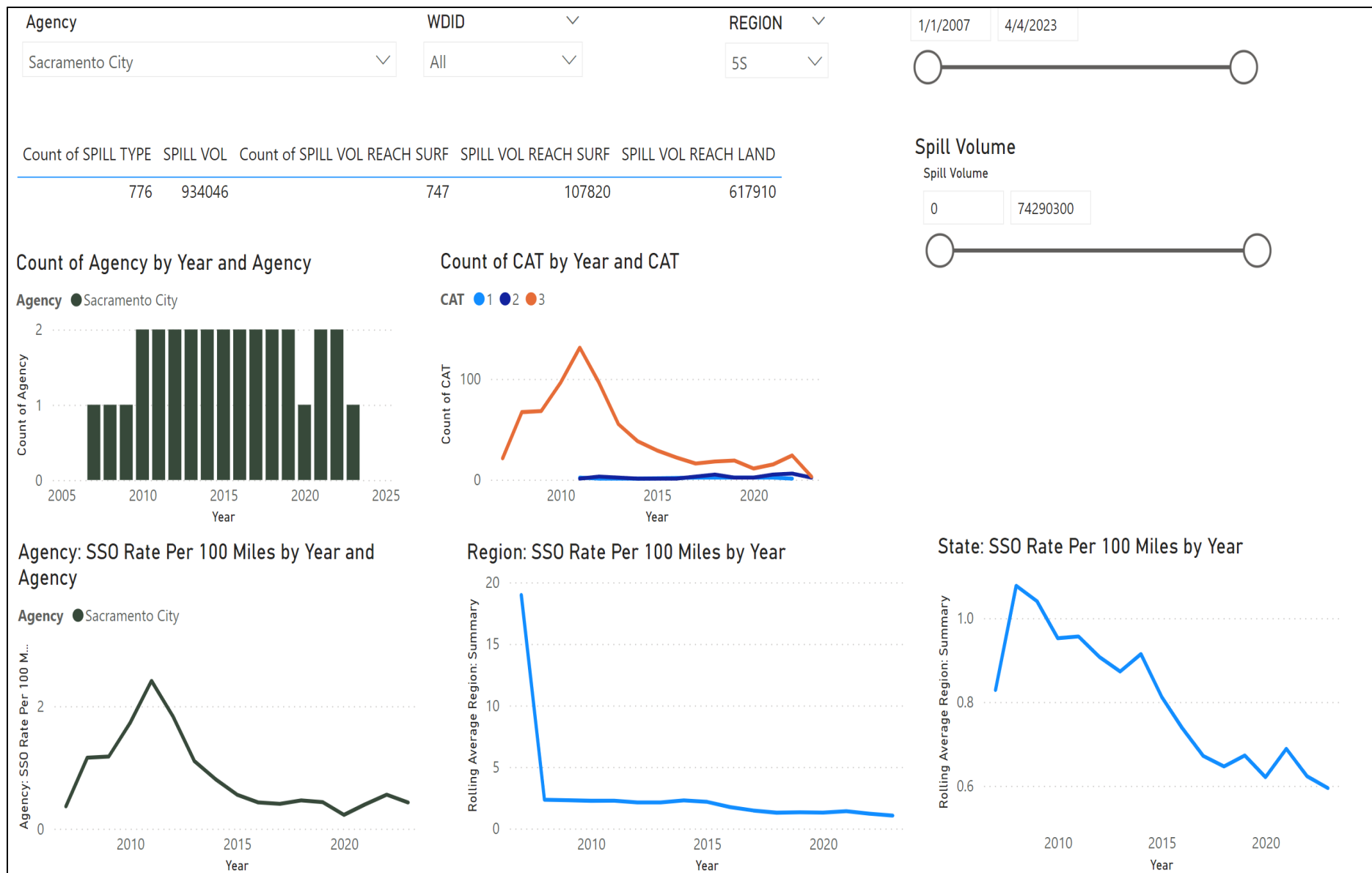


Figure 1 – City Spill Dashboard (2007-2024)

Observation: The City's spill count and rolling average spill rates/volumes discharged per year have decreased significantly between 2010-2024.

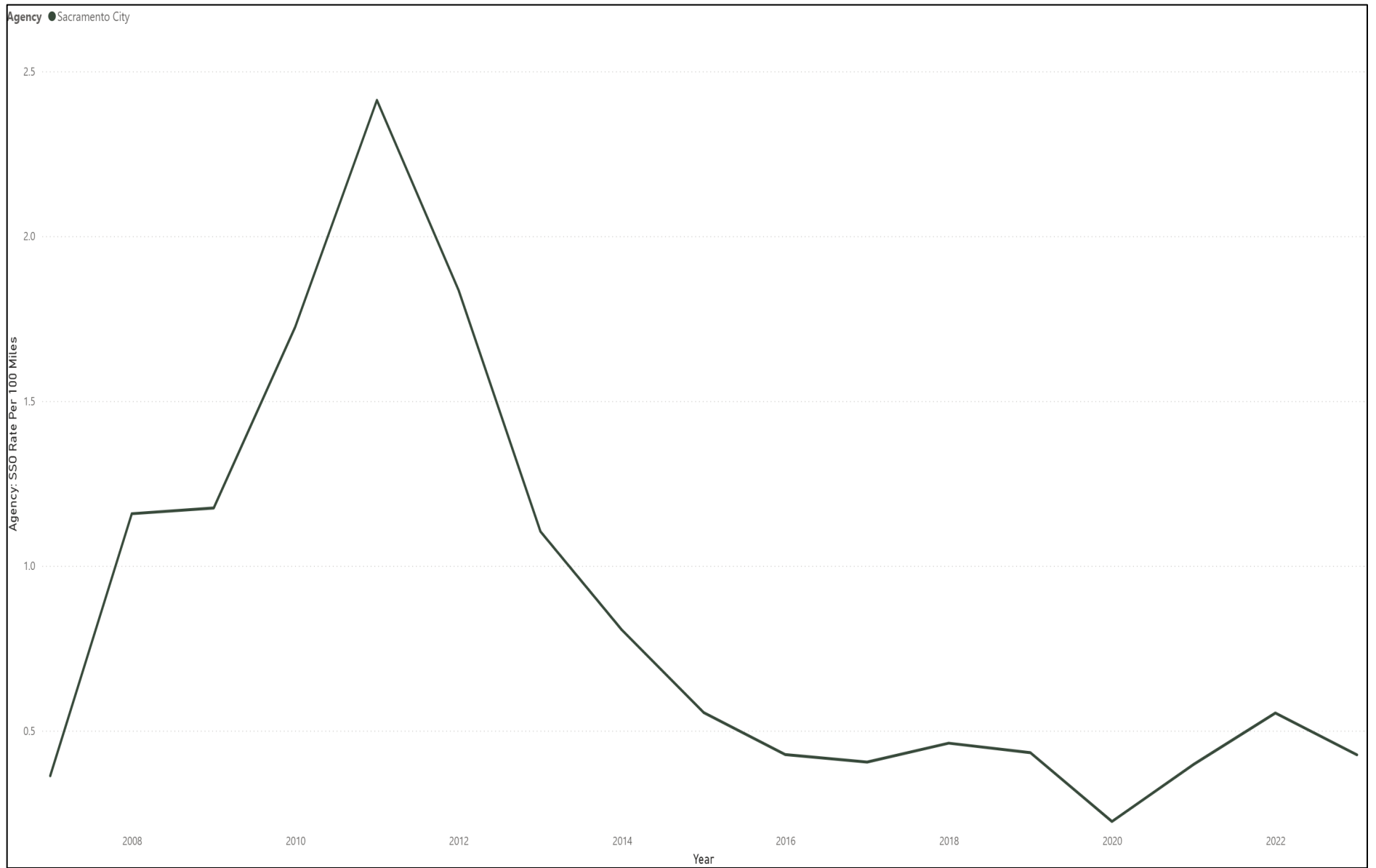


Figure 2 – City Spill Dashboard (# of spills/100 miles of sewer by year, 2007-2024)

Observation: The City's volume of spills has decreased significantly since 2010.

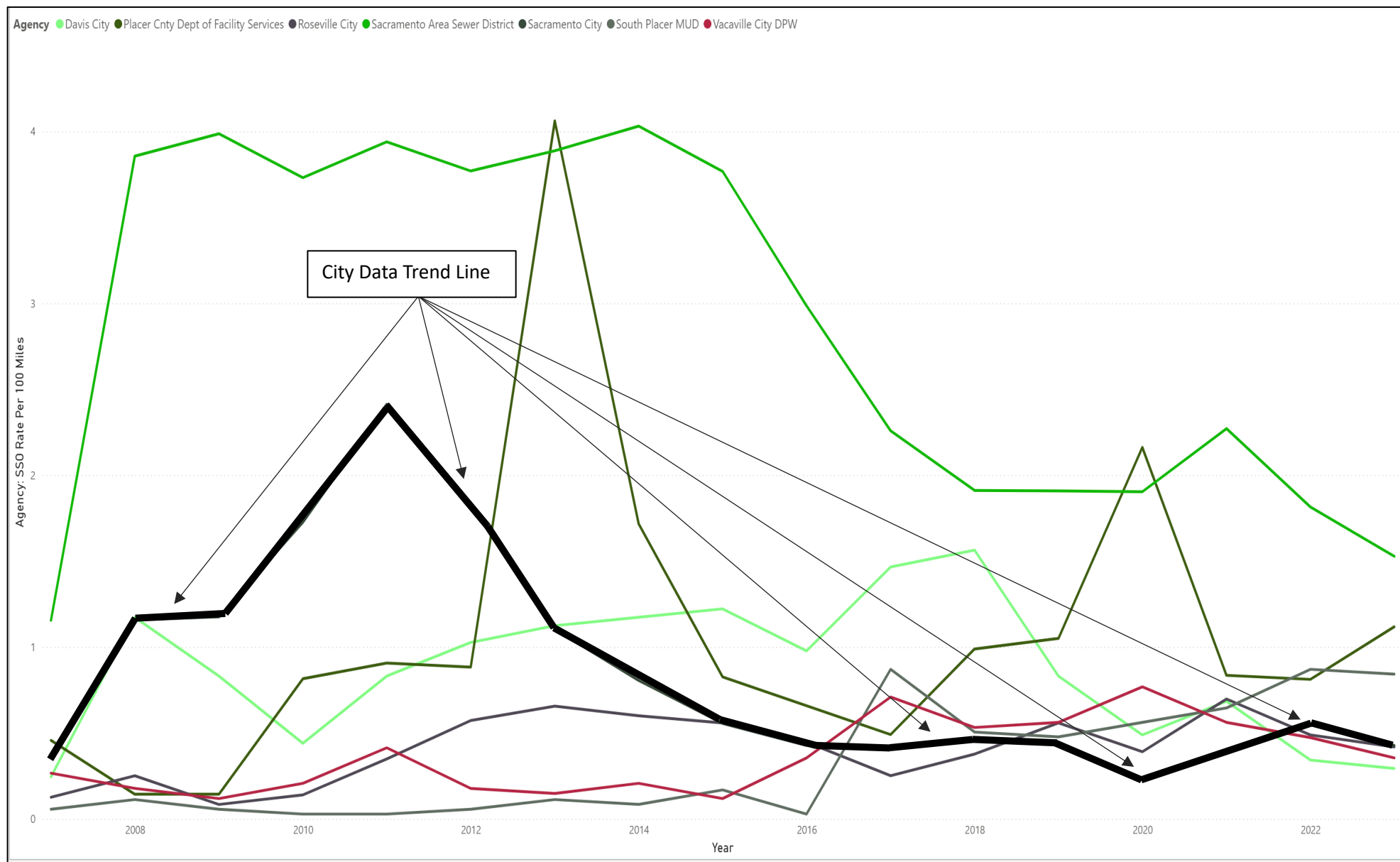


Figure 3 - City # of spills/100 miles of sewer compared with other Region 5 agencies (2007-2024)

Observation: The City's spill rates/100 miles of sewers is significantly lower than other Region 5 agencies.

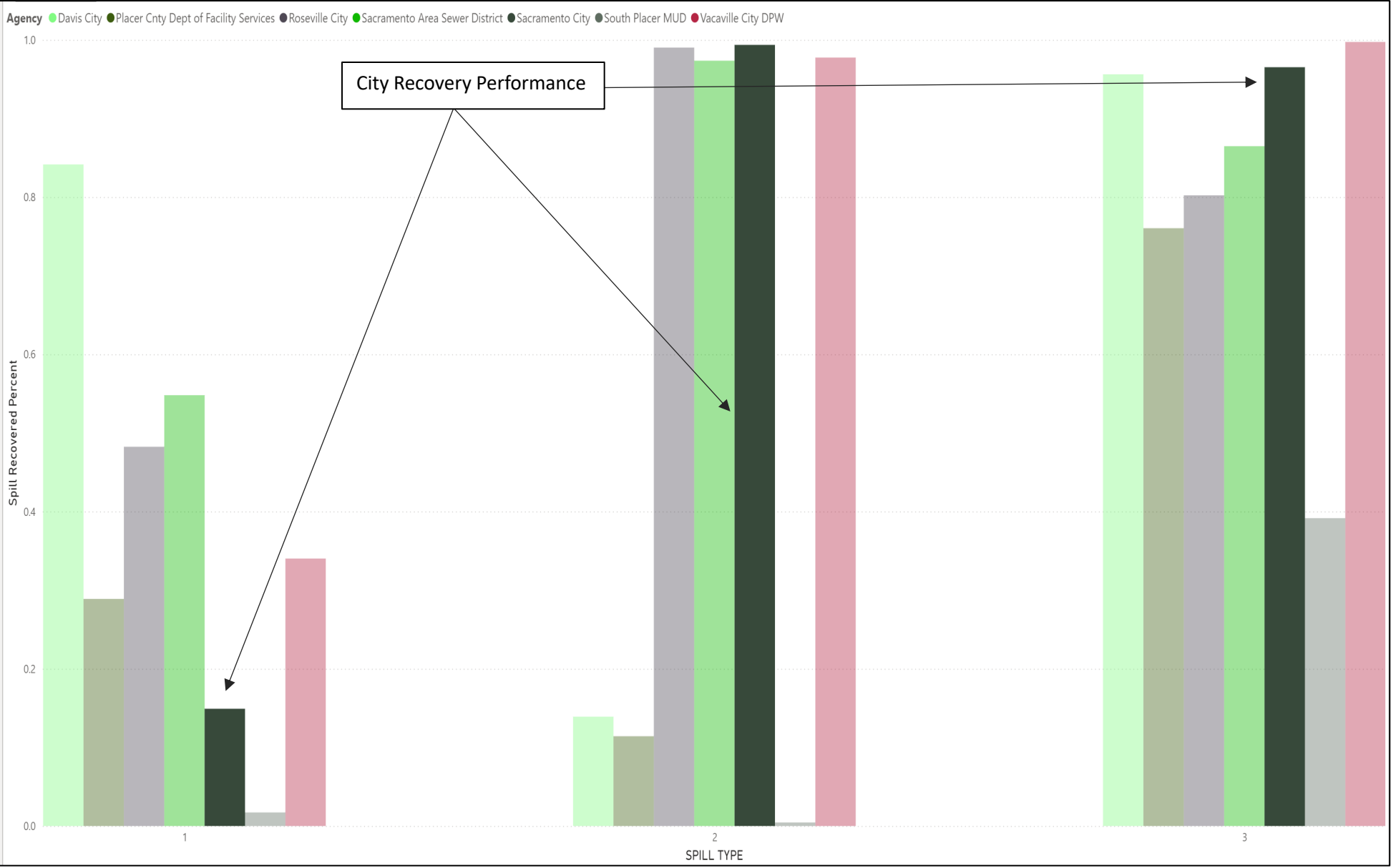


Figure 4 - City Spill recovery metrics data compared with other Region 5 agencies (2007-2024)

Observation: The City’s spill recovery metrics are lower for Cat 1 spills but higher for Cat 2/3 spills than other Region 5 agencies.

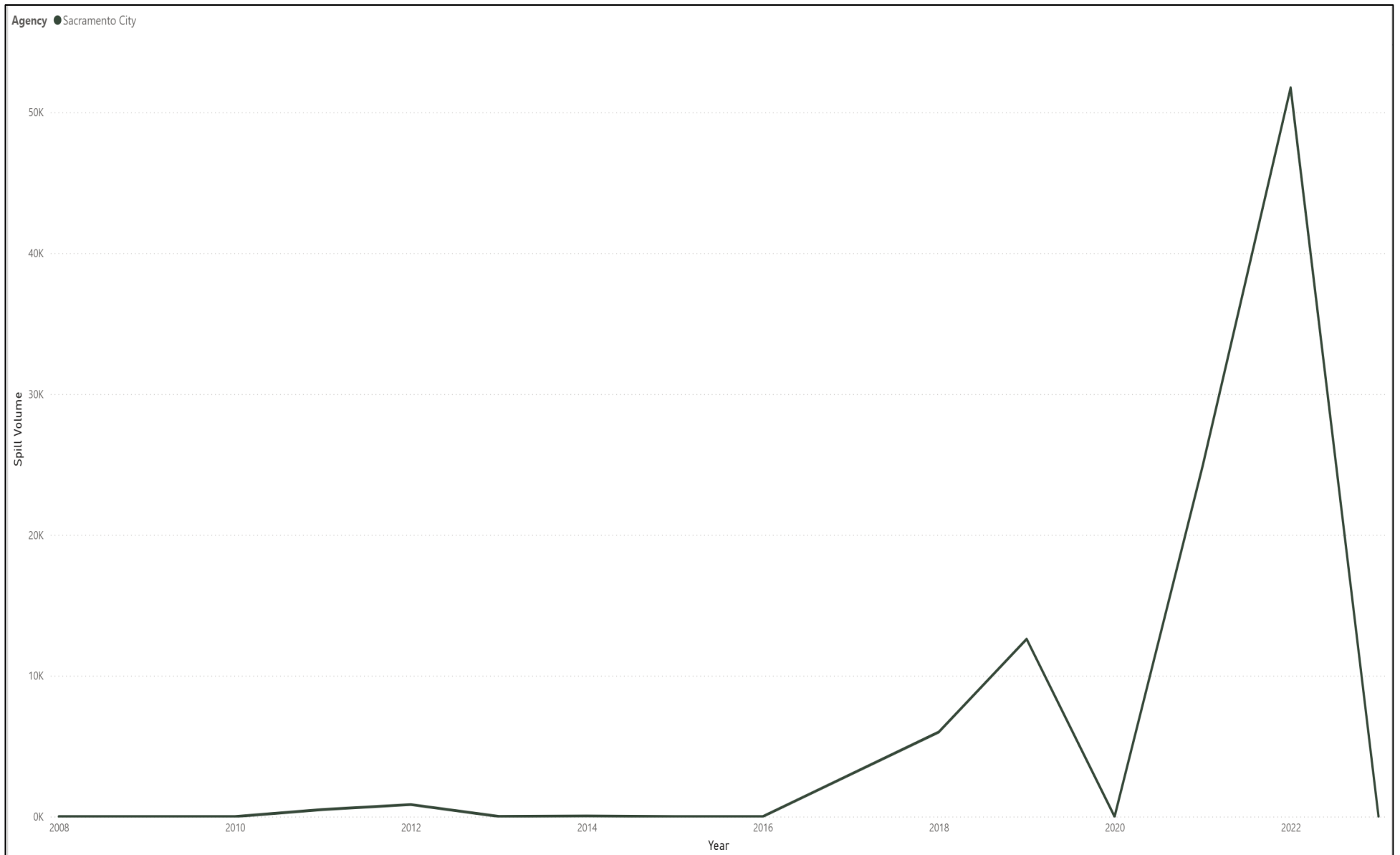


Figure 5 - City Spill Volumes by year, 2007-2024

Observation: The City's spill volume trend has decreased significantly since 2022.

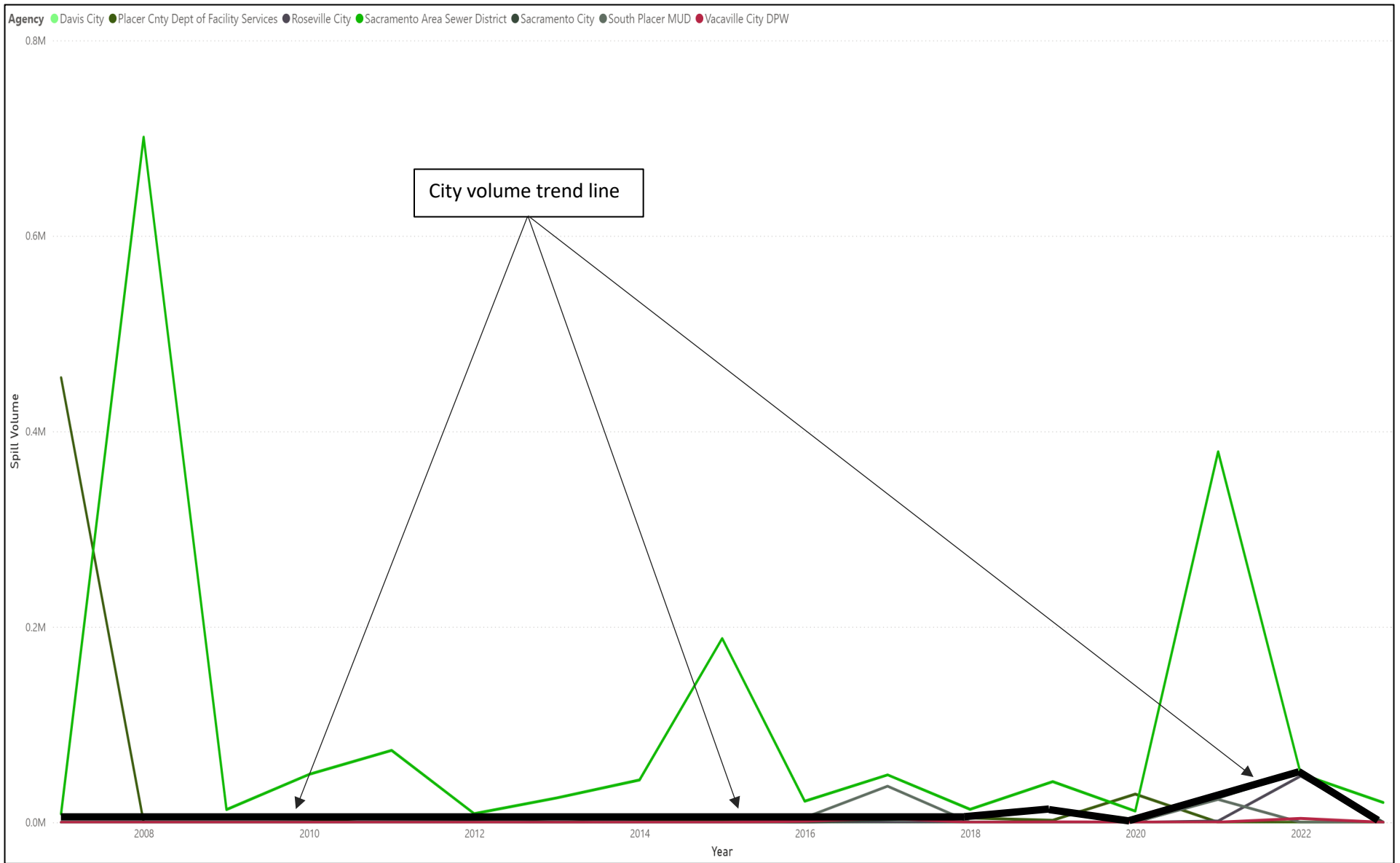


Figure 6 - City Spill Volume trends compared with other Region 5 agencies (2007-2024)

Observation: The City's spill volume trend is significantly lower than other Region 5 agencies.

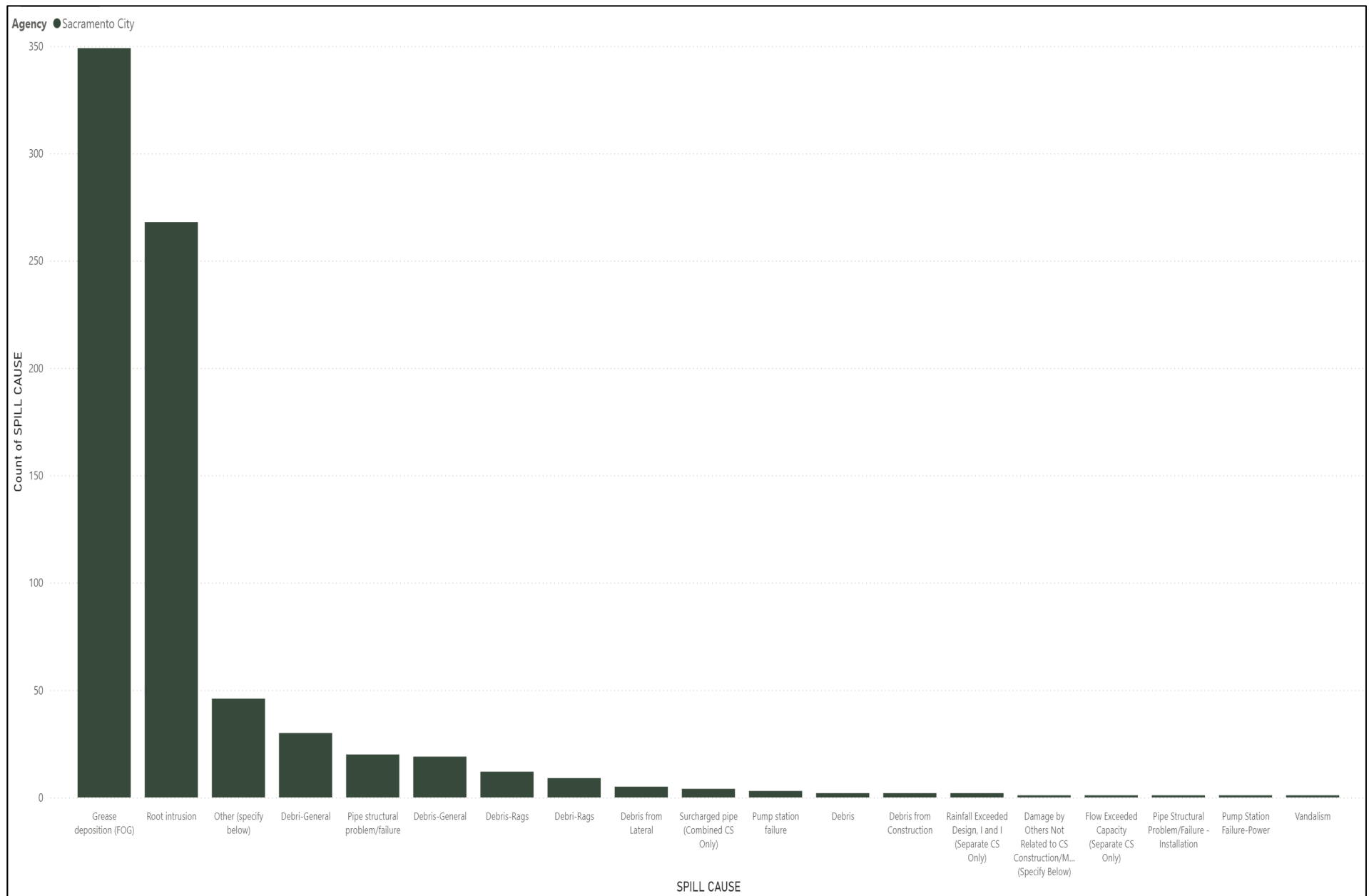


Figure 7 - City Spill Causes by # of spills (2007-2024)

Observation: The City's main spill causes (by # of spills) are Grease (FOG) followed by Roots.

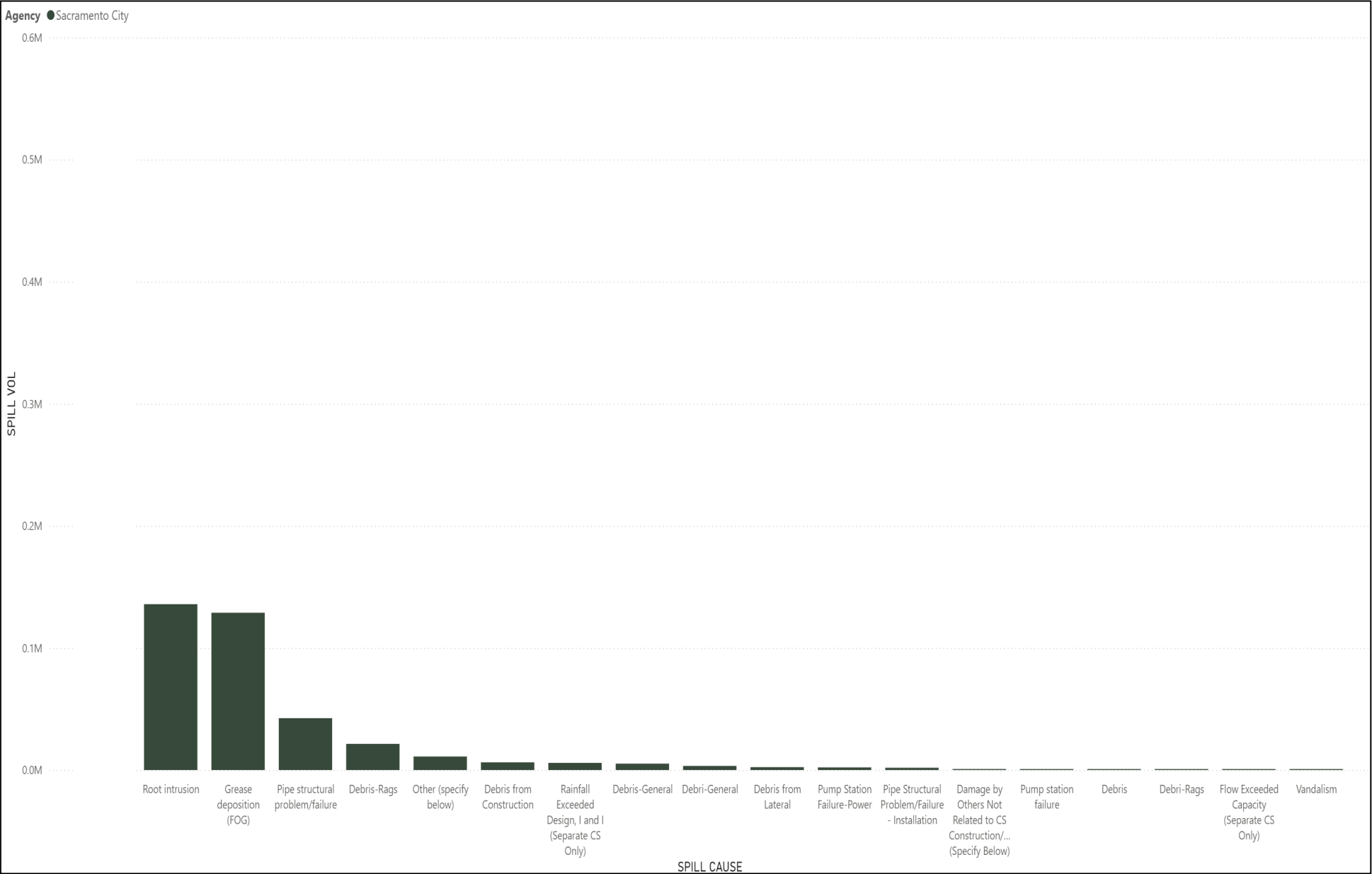


Figure 8 - City Spill Causes by volume of spills (2007-2024)

Observation: The City’s main spill causes (by volume) are roots followed by grease (FOG).

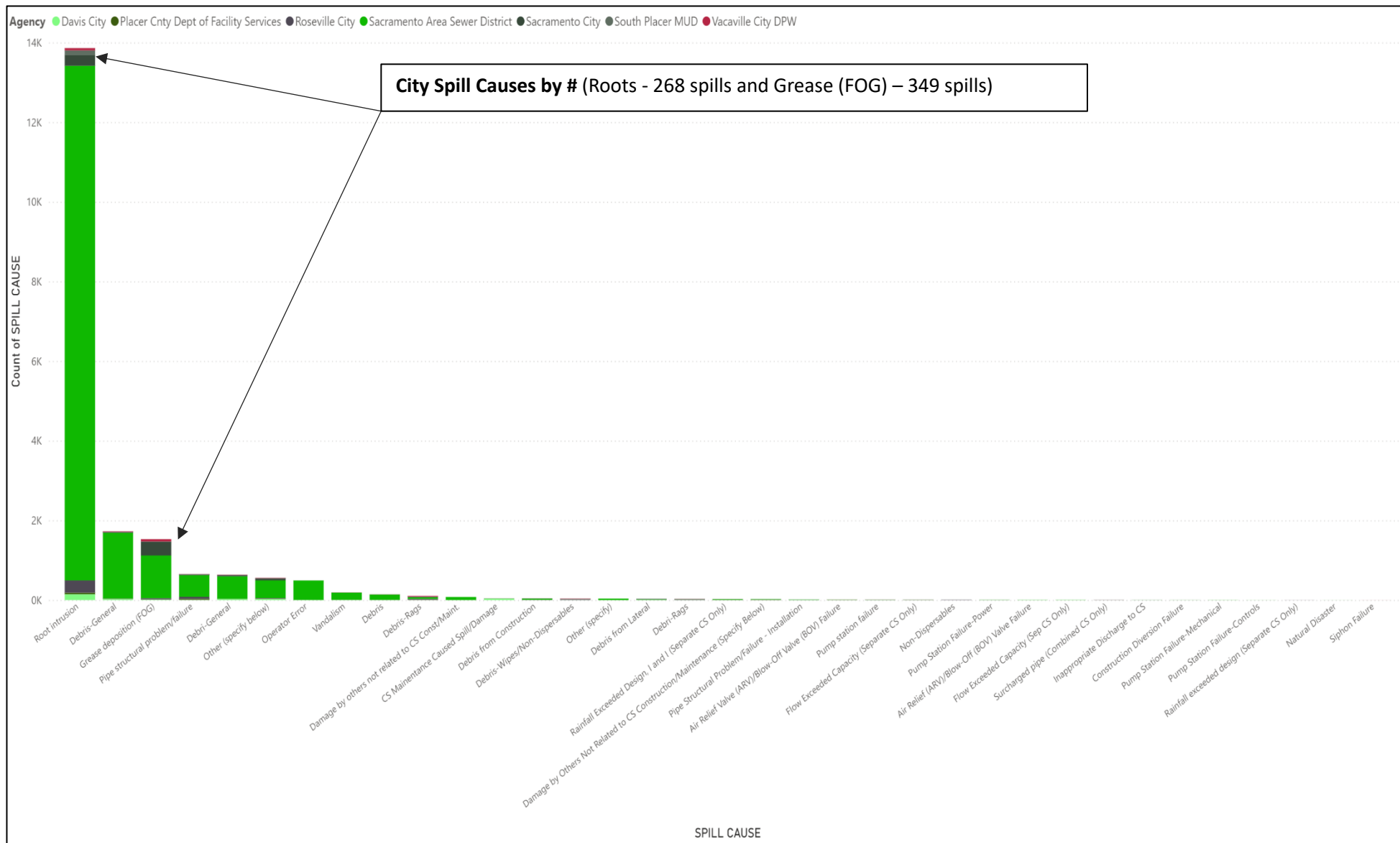


Figure 9 - City Spill Causes (by # of spills) compared with other Region 5 agencies (2007-2024)

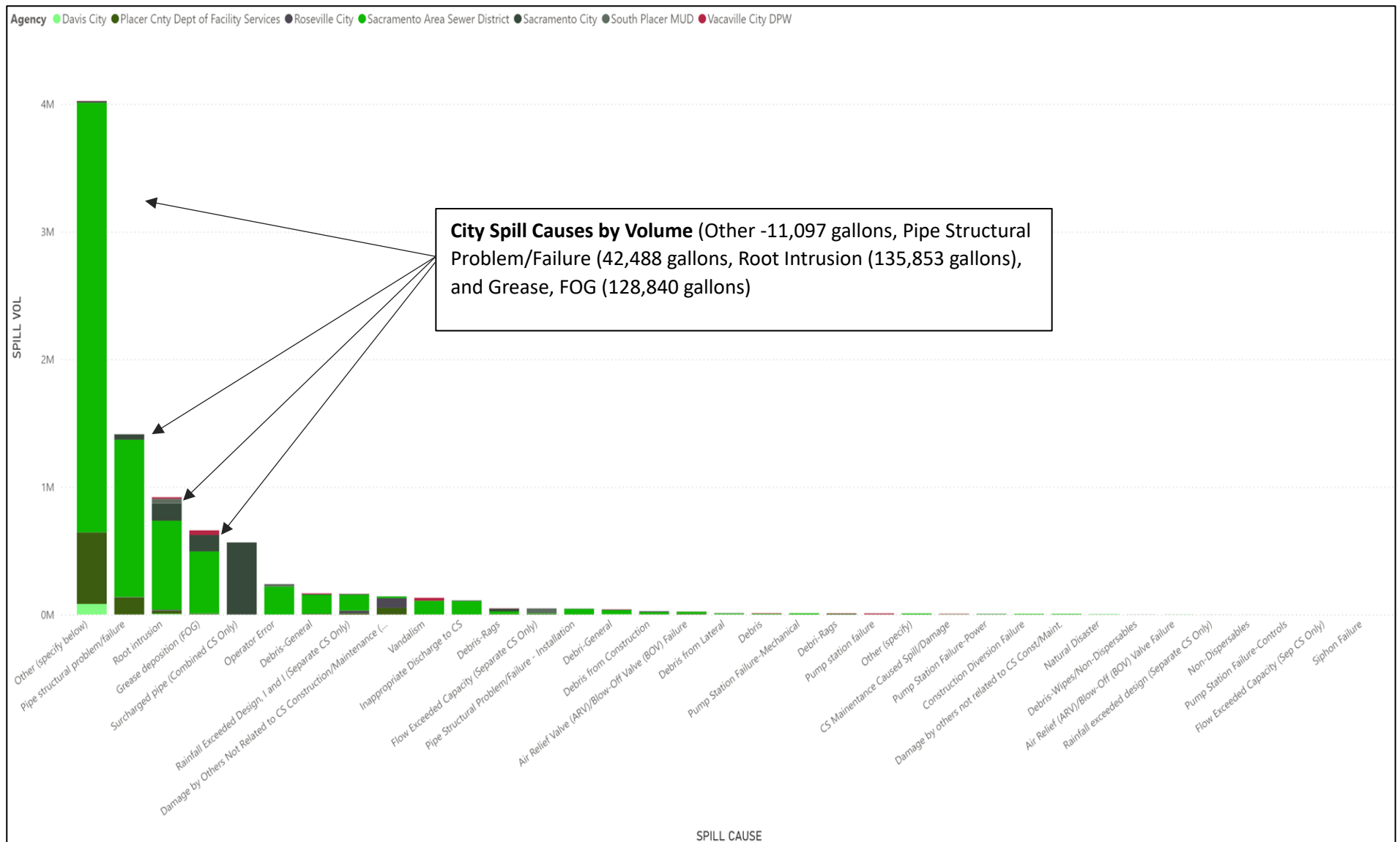


Figure 10 - City Spill Causes (by volume of spills) compared with other Region 5 agencies (2007-2024)

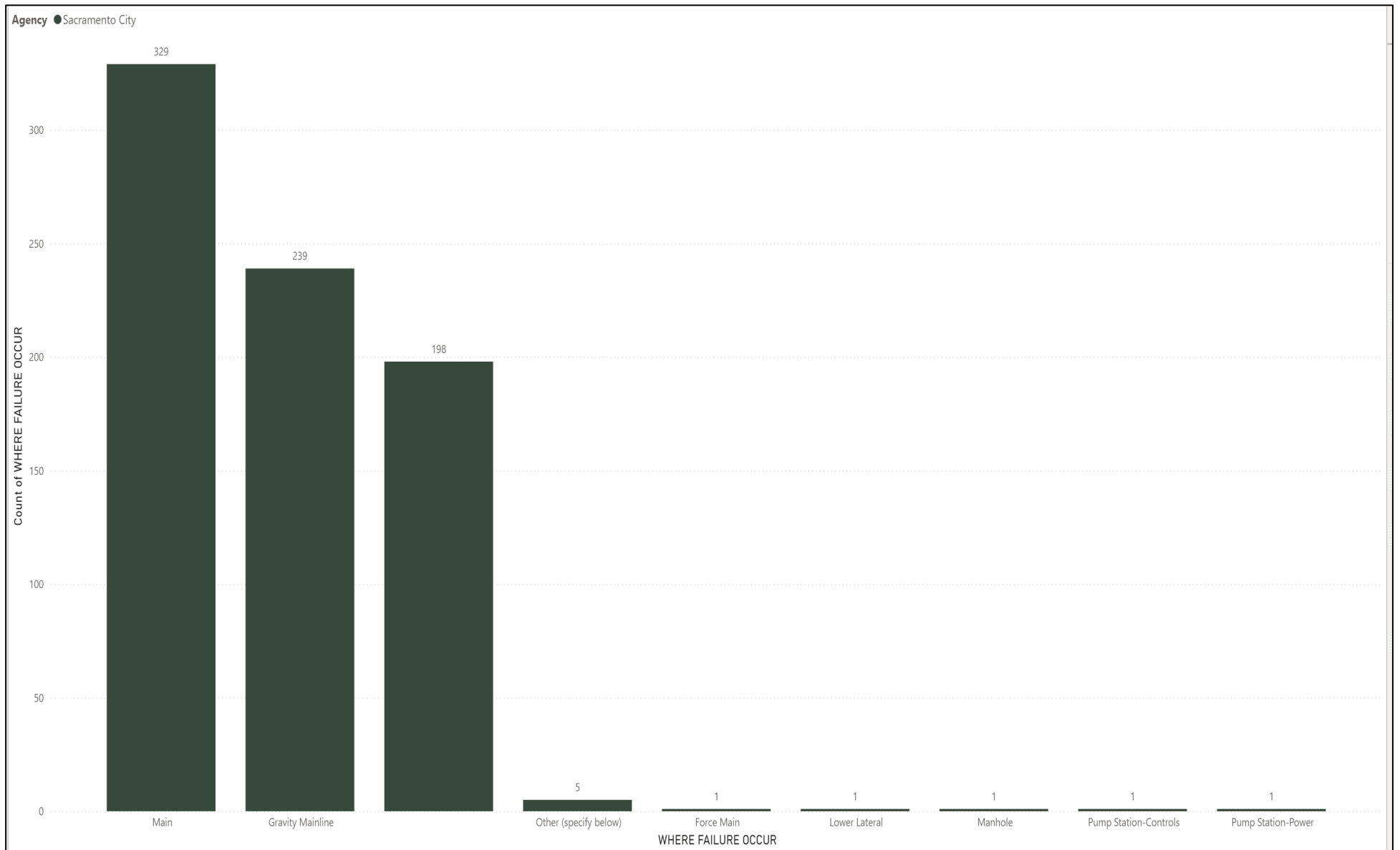


Figure 11 - City Spill Locations Where Spills Occurred (2007-2024)

Appendix 4
2024 SSMP Audit Findings and Schedule

Element	Item No.	Audit Findings	Description	City of Sacramento Proposed Action Items	Schedule
D-2	1	Open Positions (see Appendix 1, Table 6)	The Audit revealed the City currently has a total of 5 vacant open positions for O/M (1 lead and 4 service workers) which have proved difficult for Utilities management to backfill in a timely manner; the City should evaluate workload associated with reissued SSS WDR to determine necessary staffing levels to stay in compliance.	Evaluate workload and incorporate in rate planning efforts.	11/2/24 - 5/2/2027
D-4	1	Critical Parts Ordering	The City has significant internal issues procuring backup supplies and equipment impacting O/M and critical spare parts for the sanitary sewer collection system.	Review procurement process for critical parts.	11/2/24 - 5/2/2027
D-4	2	Critical Parts Inventory	The City could further improve its existing list of identified critical parts/inventory for the sanitary sewer system.	Establish inventory for critical parts.	11/2/24 - 5/2/2027
D-4	3	Standard Operating Procedures (SOPs)	The City could further improve its critical Standard Operating Procedures (SOPs), including standardizing them for consistency for all O/M staff, incorporating Superintendent expectations for pertinent Reissued Order requirements (SERP, etc.), reviewing them periodically with field staff before/during trainings for ensuring any required necessary improvements/changes are incorporated.	Review SOPs for consistency with Reissued SSS WDR, and establish schedule for revising SOPs.	11/2/24 - 5/2/2027
D-4	4	Pump Station Manholes	The City could further improve identification of all lowest upstream manhole locations that could spill for all pump station assets	Review process for evaluating lowest upstream manhole locations. As basin models are updated, improved data will be incorporated into GIS.	11/2/24 - 5/2/2027
D-4	5	Open Work Orders	The City could further improve auditing open work orders.	Establish annual QA/QC process to evaluate open work orders.	4/1/2026
D-4	6	Force Main Sewers	The inspection and the City's previous Audit revealed by the City lacks a force main condition assessment program including a formal maintenance program/inventory for all air release valves and having adequate spare/repair parts in stock including larger diameter force main sewer (pipe/couplings) for emergency repairs.	Establish and evaluate Pilot Program for Force Main Sewer Evaluations.	11/2/24 - 5/2/2027
D-4	7	Pump Station Emergency Plans	The City lacks individual emergency response plans for each of all pump stations for ensuring proactive emergency preparedness and effective emergency response operations for spills	Finalize template for Emergency Response Plans and complete 10. Develop a prioritization process for completing remaining Emergency Response Plans.	11/2/24 - 5/2/2027
D-4	8	Sewer Root Control	The City could further improve its ongoing root control program efforts.	Evaluate effectiveness of root control options. Determine if SOP should be developed. Summarize approach of root control maintenance processes in updated SSMP.	2026
D-6	1	Training/Records (see Appendix 1, Table 6)	The inspection revealed the City could further improve its existing Spill Emergency Response Plan training/records for internal field staff/contractors expanding on training content, competency checks, and trainer qualifications. The City should incorporate upgrades to its internal training records and document this improvement in its SSMP Change Log and 2025 SSMP Update when completed.	Training tracking, competency records will be tracked and evaluated annually. Process will be described in updated SSMP.	2025
D-8	1	Capital Improvement Program	The inspection including detailed discussions about the City's extensive sewer Capital Improvement Programs (CIPs) covering both its separate and combined sanitary sewer systems. The City should ensure its Capital Improvement Plan (CIP) description for the separate sewer system include sufficient information about the City's strategies and projects for incorporation into the City's next upcoming SSMP Update (due before 5/2/2025). This information should at a minimum include capital project descriptions, schedules, completion dates planned, funding sources, and verification of joint coordination between operations and engineering for the separate sanitary sewer system to comply with Att. D-8 of the Reissued WDR. The City should also provide a list of completed capital projects for the separate sanitary sewer system (planned/completed past 3 years) into its SSMP Update and a list of specific capital project commitments planned for the next 3 years prior to completion of its next required SSMP Audit, due by 11/2/2027.	Describe process in updated SSMP.	May 2025
D-8	2	Capacity/Funding:	The Pre-Inspection Conference revealed the City lacks a formal program for ensuring adequate capacity/funding for the separate sewer system. The City stated it is currently refining its existing capacity evaluation program with established funding to continue this effort.	Describe process in updated SSMP.	May 2025
D-8	3	Climate Impacts/Vulnerabilities:	The Audit revealed the City should expand its assessment of areas in the system potentially vulnerable to climate impacts. These enhancements could be considered for inclusion in the next SSMP Update once implemented.	Describe process in updated SSMP.	May 2025
E-1	1	Notification, Monitoring, Reporting, Record Keeping	To improve implementation, the City should address each of the following Area of Concern (AOC) revealed during the Audit prior to completing the next SSMP Update including development of improved internal procedures for ensuring notification and reporting deadlines are not missed to avoid future violations of the Reissued WDR.	Training will be updated to emphasize importance of spill start time, reporting deadlines, and spill investigation expectations to improve internal documentation.	2025

Appendix 5 – City Key Performance Indicators (KPIs)

This document provides a list of customized Key Performance Indicators (KPIs) to facilitate review of SSMP compliance and effectiveness required for the upcoming SSMP Update and subsequent SSMP Audits.

Table of Contents

1. ELEMENT 1 (Goal and Introduction).....	3
2. ELEMENT 2 (Organization).....	4
3. ELEMENT 3 (Legal Authority).....	5
4. ELEMENT 4 (Operations and Maintenance Program).....	6
5. ELEMENT 5 (Design and Performance Provisions)	8
6. ELEMENT 6 (Spill Emergency Response Plan).....	9
7. ELEMENT 7 (Sewer Pipe Blockage Control Program).....	10
8. ELEMENT 8 (System Eval./Capacity/Cap. Improvements)	11
9. ELEMENT 9 (Monitoring, Measurement, Program Modifications).....	12
10. ELEMENT 10 (Internal Audits)	13
11. ELEMENT 11 (Communication Program)	14
12. SPEC. 5.2 (Designation of LRO).....	15
13. SPEC. 5.2 (Develop/Implement SSMP)	16
14. SPEC. 5.6 (System Resilience)	17
15. SPEC. 5.7 (Allocate Necessary Resources)	18
16. SPEC. 5.13 (Comply with Attachment E1 Requirements)	19

1. ELEMENT I (Goal and Introduction)

Attach. D-1 (SSMP Goal and Introduction)

SSMP Implementation

- | | | |
|--------------|--|-----------------------------------|
| ○ KPI D-1(a) | ○ Are the City's goals adequate in maintaining the sewer system, including O&M and spill reduction and response? | <u>Action:</u>
○ Annual review |
| | ○ Does the City have established response time goals for customer service response? | |

SSMP Effectiveness

- | | | |
|--------------|--|---|
| ○ KPI D-1(b) | ○ Are the City's Preventative Maintenance work plans being Implemented? | <u>Element Review Frequency/Tasks:</u>
○ Annual review |
| ○ KPI D-1(c) | ○ Are City spill Reduction Goals being met? | ○ Annual review |
| | ○ What is the City's average response time for response? | ○ Annual review |
| | ○ Total number of spills prevented (plugged mains that were discovered while doing routine PM) | ○ Annual review |
| ○ KPI D-1(e) | ○ Are City spill event responses effective? | <u>Element Review Frequency/Tasks:</u>
○ Annual review |
| ○ KPI D-1(f) | ○ Annual review/update of City goals and narrative descriptions | <u>Element Review Frequency/Tasks:</u>
○ Annual review |
| ○ KPI D-1(g) | ○ Annual review/update of system performance (wet weather spill/surcharge events). | <u>Element Review Frequency/Tasks:</u>
○ Annual review |
| ○ KPI D-1(h) | ○ Does the City update its sewer system asset inventory annually? | ○ Annual review |

SSMP Resilience

- | | | |
|--------------|--------|--------|
| ○ KPI D-1(h) | ○ None | ○ None |
|--------------|--------|--------|

2. [ELEMENT 2 \(Organization\)](#)

Attach. D-2 (Organization)

SSMP Implementation

- | | | |
|----------------------------------|--|---|
| ☐ KPI D-2(a) | ☐ Are the City’s organizational procedures adequate for ensuring full SSMP compliance? | <u>Element Review Frequency/Tasks:</u>
☐ Annual review |
|----------------------------------|--|---|

SSMP Effectiveness

- | | | |
|----------------------------------|--|---|
| ☐ KPI D-2(b) | ☐ Does the City SSMP adequately describe SSMP Responsibilities/Tasks for all staffing? | <u>Element Review Frequency/Tasks:</u>
☐ Annual review |
| ☐ KPI D-2(c) | ☐ Is City Chain of Communication effective and updated? | ☐ Annual review |

SSMP Resilience

- | | | |
|----------------------------------|----------------------------|----------------------------|
| ☐ KPI D-2(d) | ☐ None | ☐ None |
|----------------------------------|----------------------------|----------------------------|

3. ELEMENT 3 (Legal Authority)

Attach. D-3 (Legal Authority)

SSMP Implementation

- KPI D-3(a)
- Does the City implement its existing codes and ordinances?

Element Review Frequency/Tasks:

- Periodic review of sewer use ordinance implementation to ensure adequate required legal authority

SSMP Effectiveness

- KPI D-3(a)
- Are the City codes and ordinances adequate for fulfilling the SSMP legal requirements?

Element Review Frequency/Tasks:

- Annual review/update of review of completed work orders and customer complaints to ensure adequacy of authority
- Annual review/update of any encounters by staff for circumstances where sewer use ordinance was inadequate

SSMP Resilience

- KPI D-3(d)
- None

- None

4. ELEMENT 4 (Operations and Maintenance Program)

Attach. D-4 (Operations and Maintenance)

SSMP Implementation

- KPI D-4(a)
 - Are the City's organizational procedures adequate for ensuring full SSMP compliance?
 - Are City preventative maintenance programs implemented and effective?
 - Is City tracking metrics for miles of pipe cleaned, CCTV-inspected, and pump station inspections performed in system?

Element Review Frequency/Tasks:

- Annual review/update of City organizational staffing, contacts, and responsibilities
- Annual review of O/M program
- Annual review of program metrics

SSMP Effectiveness

- KPI D-4(b)
 - Are City maps up to date?
- KPI D-4(c)
 - % of new assets added to City's sewer mapping system
- KPI D-4(d)
 - Does Capital Improvement Plan (CIP) properly address City needs?
 - Annual City Capital budget for rehabilitation or replacement?
- KPI D-4(e)
 - Are City complete maintenance, operations, engineering work orders reviewed for accuracy and completeness?
 - Number of annual PM work orders completed?
- KPI D-4(f)
 - Is City Rehabilitation and Replacement (R/R) plan being implemented?
- KPI D-4(g)
 - % of City's CCTV goal completed
 - Number of annual CCTV work orders completed?
- KPI D-4(h)
 - Is City critical spare parts adequate and up-to-date.

Element Review Frequency/Tasks:

- Annual review/update to ensure all system maps are up to date per change requests submitted by field staff

Element Review Frequency/Tasks:

- Annual review/update of requirements to ensure compliance conformance.
- Annual review/update of current maps to ensure new construction project assets have been added.

Element Review Frequency/Tasks:

- Is each segment evaluated for capacity deficiencies based on projected growth
- Are system assets evaluated for remaining useful life
- Is existing CIP plan and schedule being implemented as intended?

Element Review Frequency/Tasks:

- Annual review

Element Review Frequency/Tasks:

- Annual review/update of R/R plan to ensure adherence to plan and schedule

Element Review Frequency/Tasks:

-

Element Review Frequency/Tasks:

- Bi-annual review

○ % if required critical spare parts in stock?

○ Bi-annual review

○ KPI D-4(i)

○ Has all required City staff training been completed?

Element Review Frequency/Tasks:

○ Bi-annual review

○ % of required training completed for wastewater collection staff

○ Bi-annual review

SSMP Resilience

○ KPI D-2jl)

○ None

○ None

5. ELEMENT 5 (Design and Performance Provisions)

Attach. D-5 (Design and Performance Provisions)

SSMP Implementation

- KPI D-5(a)
- Does the City implement its current design and construction standards, specifications, and inspection procedures?

Element Review Frequency/Tasks:

- Annual review

SSMP Effectiveness

- KPI D-5(b)
- Are existing City design and construction standards, specifications, and inspection procedures adequate for the collection system?
- Annual review of the City's standards and procedures for acceptance and testing of new infrastructure?
- % of new infrastructure accepted vs inspected

Element Review Frequency/Tasks:

- Annual review
- Annual review
- Annual review

SSMP Resilience

- KPI D-5(c)
- None

- None

6. ELEMENT 6 (Spill Emergency Response Plan)

Attach. D-6 (Spill Emergency Response Plan)

SSMP Implementation

- KPI D-6(a)
- Develop and implement a Spill Emergency Response Plan

Element Review Frequency/Tasks:

- Quarterly review and training on SERP
- Quarterly training/drills on SERP including practice drills with completing field data collection form

SSMP Effectiveness

- KPI D-6(b)
- Were City notification procedures outlined in the SERP adhered to for each spill event?

Element Review Frequency/Tasks:

- Annual review

- KPI D-6(c)
- Procedures reviewed to provide prompt notification to appropriate City parties for a spill event?

Element Review Frequency/Tasks:

- Annual review

- KPI D-6(d)
- Was City SERP training performed as prescribed in SSMP?
- % of employees that completed annual training on SERP versus total field staff

Element Review Frequency/Tasks:

Element Review Frequency/Tasks:

- Annual review of completed checklists for all Category 1 spills >1,000 gallons reaching surface waters

- KPI D-6(e)

- Did the City complete a Category 1 spill assessment checklist for all large spills?

SSMP Resilience

- KPI D-6(f)
-
- Coordinate meetings to improve mapping and Spill response activities with Kern County
- % of Bi-annual meetings with Kern County completed

- None

7. ELEMENT 7 (Sewer Pipe Blockage Control Program)

Attach. D-7 (Sewer Pipe Blockage Control Program)

SSMP Implementation

- | | | |
|--------------|--|--|
| ○ KPI D-7(a) | ○ Is City commercial FOG program being implemented and are goals being achieved? | <u>Element Review Frequency/Tasks:</u>
○ Annual review of goals |
|--------------|--|--|

SSMP Effectiveness

- | | | |
|--------------|--|-----------------|
| ○ KPI D-7(b) | ○ Is City residential FOG and root programs being administered and are goals being achieved? | ○ Annual review |
| | ○ Number of spills caused by hot spots or FOG | |
| | ○ % of spills caused by FOG | ○ Annual review |
| | ○ % of spills caused by Roots | ○ Annual review |
| | ○ % of spills caused by debris/rags (non-Dispersables) | ○ Annual review |
| | ○ % of hot spots inspected annually | ○ |
| | ○ Number of hot spots removed from Hot Spot list annually? | ○ Annual review |
| | | ○ Annual review |

SSMP Resilience

- | | | |
|--------------|--------|--------|
| ○ KPI D-7(e) | ○ None | ○ None |
|--------------|--------|--------|

8. ELEMENT 8 (System Eval./Capacity/Cap. Improvements)

Attach. D-7 (Sewer Pipe Blockage Control Program)

SSMP Implementation

- KPI D-8(a) ○ Has the City been adhered to its system evaluation/condition assessment efforts?

Element Review Frequency/Tasks:

- Annual review/update of system inspections/evaluations

SSMP Effectiveness

- % of sewer system condition assessment completed annually
- # of flowmeters installed to evaluate system capacity

- KPI D-8(b) ○ Has the City experienced any capacity-related spills or surcharge events?
- KPI D-8(c) ○ Have any changes occurred within the City service area that might affect the hydraulic model?
- KPI D-8(d) ○ Has CIP capacity-related projects/schedule been adhered to?
- KPI D-8(e) ○ Has the prioritization/corrective actions for sewer repairs been adhered to?
- KPI D-8(f) ○ Has the capital improvement plan been adhered to?

Element Review Frequency

- Annual review
- Annual review
- Annual review
- Annual review
- Annual review

SSMP Resilience

- KPI D-8(g) ○ Improve capacity-related investigations and inspections

Element Review Frequency/Tasks:

- Periodic review of flow/level sensor data (wet weather months)
- Periodic review of goals and KPIs (wet weather months)

9. ELEMENT 9 (Monitoring, Measurement, Program Modifications)

Att. D-9 (Monitoring, Measurement, Program Modifications)

SSMP Implementation

- | | | |
|--------------|---|---|
| ○ KPI D-9(a) | ○ Were City KPIs reviewed and evaluated for each element of the SSMP efforts? | <u>Element Review Frequency/Tasks:</u>
○ Annual review |
|--------------|---|---|

SSMP Effectiveness

- | | | |
|--------------|---|---|
| ○ KPI D-9(b) | ○ Were annual City maintenance/repair activities including Performance Measures evaluated/updated? | <u>Element Review Frequency/Tasks:</u>
○ Annual review |
| ○ KPI D-9(c) | ○ Were any City SSMP program compliance point(s) corrected and/or updated based on results of performance measures?
○ Spills per 100 miles of pipe
○ Volume of spills per 100 miles of pipe
○ Number of Category 1 spills
○ Number of spills caused by lift station failure
○ Number of repeat spills from same location | <u>Element Review Frequency/Tasks:</u>
○ Annual review |

SSMP Resilience

- | | | |
|--------------|--------|--------|
| ○ KPI D-9(d) | ○ None | ○ None |
|--------------|--------|--------|

10. ELEMENT 10 (Internal Audits)

Att. D-10 (SSMP Internal Audits)

SSMP Implementation

- KPI D-10(a) ○ Were SSMP internal program audits completed?

Element Review Frequency/Tasks:

- Review of Audit reports

SSMP Effectiveness

- KPI D-10(b) ○ Did the SSMP internal audit evaluate the SSMP for compliance?
- KPI D-10(b) ○ Did the SSMP internal audit evaluate the SSMP for effectiveness?
- KPI D-10(c) ○ Were all past SSMP internal audit findings and schedule met for incorporating new changes into SSMP?
- KPI D-10(d) ○ Were any upgrades made to enhance SSMP work programs?

Element Review Frequency/Tasks:

- Review of completed SSMP internal audits

Element Review Frequency/Tasks:

- Review of completed SSMP internal audits

Element Review Frequency/Tasks:

- Review of past SSMP internal audit commitments and priorities, including any outstanding items not captured in SSMP/change log to be flagged for carry-over for next SSMP update

Element Review Frequency/Tasks:

- Review of SSMP/change log

SSMP Resilience

- KPI D-10(e) ○ None

- None

11. ELEMENT 11 (Communication Program)

Att. D-11 (Communication Program)

SSMP Implementation

- KPI D-10(a)
- Was the public afforded the opportunity to provide input as the program is being implemented?

Element Review Frequency/Tasks:

- Periodic review to ensure board has approved latest SSMP.
- Periodic review to verify latest SSMP/docs are posted on website.
- Periodic review of any public comments received via website or direct contact with City staff annual review/update of KPIs

SSMP Effectiveness

- KPI D-10(b)
- Were all outside agency/communications documented?
- Number of annual public outreach events
- Number of Regional Partner meetings
- % of customers receiving public outreach information

Element Review Frequency/Tasks:

- Element Review Frequency periodic review of outside agency/satellite meetings/emails/notices of communications.

SSMP Resilience

- KPI D-10(c)
- External communications verifications

Element Review Frequency/Tasks:

- Annual review/update to ensure the general public has access to the City SSMP via website with a mechanism to provide input/comments

12. SPEC. 5.2 (Designation of LRO)

Spec. 5.1 (Designation of Legally Responsible Official)

SSMP Implementation

- KPI 5.1(a) ○ Does the City LRO and supporting staff possess adequate knowledgeable, training, skills, and abilities for implementing all Reissued WDR requirements?

Element Review Frequency/Tasks:

- Annual review/update of staff competency checks/tests

SSMP Effectiveness

- KPI 5.1(b) ○ Are City LRO policies in place adequate, including authorization for making managerial decisions governing 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?
- KPI 5.1(c) ○ Has the City complied with all the ongoing WDR deadlines?
- KPI 5.1(d) ○ Has the City complied with the change notification requirements for its LROs?
- KPI 5.1(e) ○ Compliance with SWRCB pre-inspection questionnaire
- KPI 5.1(f) ○ Compliance with internal SSMP Audit findings and recommendations

Element Review Frequency/Tasks:

- Annual review/update of any issues arisen attributable to inadequate LRO oversight, training/competency
- Annual review/update of KPI frequency and success rate/adjust as necessary
- Annual review/update of City compliance performance with spill notification, monitoring, reporting, recordkeeping
- Review of any change(s) in LRO designation(s) and meeting compliance deadlines specified in Attachment E1
- Annual review/update of questionnaire, document changes to work programs/accomplishments
- Annual review/update of past SSMP Audit findings and recommendations for improving compliance, implementation, and spill reduction performance

13. SPEC. 5.2 (Develop/Implement SSMP)

Spec. 5.2 (Development and Implementation of SSMP)

SSMP Implementation

- KPI 5.2(a) ○ Are the City's existing work programs effective in reducing spills to meet SSMP goals and objectives?

Element Review Frequency/Tasks:

- Annual review/update of exiting work programs to ensure conformance with SSMP goals and objectives

SSMP Effectiveness

- KPI 5.2(b) ○ Does the City implement standard operator procedures (SOPs) to measure and support improving SSMP effectiveness?

Element Review Frequency/Tasks:

- Annual review/update of City SOPs

- KPI 5.2(c) ○ Does the City implement standard operator procedures (SOPs) to measure and support improving SSMP effectiveness?

Element Review Frequency/Tasks:

- Annual review/update of all related SSMP procedures and work programs

- KPI 5.2(d) ○ Does the City's existing data collection and work order system adequately allow analysis of potential impacts that could cause spills?

Element Review Frequency/Tasks:

- Annual review/update data collection methods and work orders and documentation of accomplishments, including instances where spills were eliminated

- KPI 5.2(e) ○ Do the City work programs include procedures for spill containment/recovery, sewer mapping, work order system/tracking, emergency responses, and operator training?

Element Review Frequency/Tasks:

- Annual review/update of City work programs

- KPI 5.2(f) ○ Does the City meet its proposed objectives with improving its SSMP ranking >80% by October 2024?

Element Review Frequency/Tasks:

- Annual review/update and assessment/ranking of all SSMP requirements

SSMP Resilience

- KPI 5.2(g) ○ Collection system certification (CWEA)

Element Review Frequency/Tasks:

- Annual survey of line staff resources

14. SPEC. 5.6 (System Resilience)

Spec. 5.6 (Sewer System Resilience)

SSMP Implementation

- KPI 5.6(a) ○ Are the City's existing efforts in identifying possible spill vulnerabilities effective?

Element Review Frequency/Tasks:

- Annual review/update/update of historic spill causes and vulnerabilities

SSMP Effectiveness

- KPI 5.6(b) ○ Does the City proactively prioritize its operation and maintenance, condition assessments, and repair, and rehabilitation efforts to help further reduce vulnerabilities for spills??

Element Review Frequency/Tasks:

- Annual review/update of City CCTV records and data

- KPI 5.6(c) ○ Does the City assess/review its ongoing historic spills, causes, and vulnerabilities?

Element Review Frequency/Tasks:

- Annual review/update/update of historic spill causes and vulnerabilities; adjust resilience matrix as necessary

- KPI 5.6(e) ○ Does the City implement a program to address existing "Hot Spots" to help further reduce vulnerabilities for spills?

Element Review Frequency/Tasks:

- Annual review/update/update of "hot spot" implementation plan/schedule conformance

- KPI 5.6(f) ○ Does the City have a "Hot Spot" reduction program to help further reduce vulnerabilities for spills??

Element Review Frequency/Tasks:

- Annual review/update of specific "hot spot" resources (time/labor/materials) spent on cleaning all locations and list of locations repaired, resolved, and eliminated

SSMP Resilience

- KPI 5.6(h) ○ Collection system electronic monitoring
- Collection system resilience

Element Review Frequency/Tasks:

- Evaluation for installation of flow/level sensors in system areas necessary for further reducing risks for future spills and improve monitoring
- Development of City "resilience indicators" for measuring how well the collection system can withstand and recovery quickly from real-world stresses, setbacks and /or difficulties including major infrastructure failures

15.

16. SPEC. 5.7 (Allocate Necessary Resources)

Spec. 5.7 (Allocate Necessary Resources)

SSMP Implementation

- KPI 5.7(a)
- Are the City's existing resources adequate?

Element Review Frequency/Tasks:

- Annual review/update of resource allocations and budgets specific to sewer collection system operations, maintenance, and capital improvements

SSMP Effectiveness

- KPI 5.7(b)
- Does the City maintain adequate means to manage revenues and expenditures for supporting the sewer collection system?

Element Review Frequency/Tasks:

- Annual review/update of City budget allocations/funds spent on sewer system
- Long-range review (5-10 years) of City financial planning for ensuring adequate budgets/allocations for sewer system operations/maintenance and capital projects

- KPI 5.7(c)
- Does the City maintain adequate sewer fees for supporting its the sewer system requirements?

Element Review Frequency/Tasks:

- Annual review/update of City sewer fees

SSMP Resilience

- KPI 5.7(d)
- None

- None

17. SPEC. 5.13 (Comply with Attachment E1 Requirements)

Spec. 5.13 (Compliance with Attachment E1 Requirements)

SSMP Implementation

- KPI 5.13(a) ○ Are the City's data collection efforts (field forms, work order system) adequate for supporting all required information required by Attachment E1?

Element Review Frequency/Tasks:

- Annual review/update of City data collection and reporting efforts against Attachment E1 requirements

SSMP Effectiveness

- KPI 5.13(a) ○ Do City field data collection efforts comply with Attachment E1?

Element Review Frequency/Tasks:

- Element Review Frequency annual review/update of all City field data collection forms against requirements

- KPI 5.13(c) ○ Are required spill notification timeframes for Category 1 spills being met?

Element Review Frequency/Tasks:

- Element Review Frequency annual review/update of all Category 1 spills against requirements for notifying Cal-OES within 2 hours

- KPI 5.13(d) ○ Are required spill notification timeframes for Category 2 spills being met?

Element Review Frequency/Tasks:

- Element Review Frequency annual review/update of all Category 2 spills against requirements for notifying Cal-OES

- KPI 5.13(e) ○ Are required spill reporting timeframes for Category 3 spills being met?

Element Review Frequency/Tasks:

- Element Review Frequency annual review/update of all Category 1 spills vs. requirements

- KPI 5.13(f) ○ Are required spill reporting timeframes for Category 4 spills being met?

Element Review Frequency/Tasks:

- Element Review Frequency annual review/update of all Category 1 spills vs. requirements

- KPI 5.13(g) ○ Are the City field staff competent with operations, maintenance, repair, and spill response procedures?

Element Review Frequency/Tasks:

- Assessments (every 3 years) for all City field staff

SSMP Resilience

- KPI 5.13(h) ○ Quarterly training on City field data collection form and required procedures

Element Review Frequency/Tasks:

- Quarterly training to ensure consistency with staff data collection and improving procedures as necessary

Appendix 6 - Spill Public Report – Spill Event ID(s) Page

Here is the detail page of your Sanitary Sewer System Spill Report search for selected Regional Board, county, responsible agency, or sanitary sewer system. These results correspond to the following search criteria:

SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

- Agency (**Sacramento City**)
- Spill Type (**Category 1; Category 2; Category 3**)
- Agency (**Sacramento City**)
- Agency (**Sacramento City**)
- Agency (**Sacramento City**)

The table below presents important details from Enrollee-submitted certified spill events, as submitted through individual spill reports, which meet the search criteria selected on the Sanitary Sewer System (SSS) Spill Report Form. If data is not shown for a particular field, it means the Enrollee did not provide the information and was not required to do so. To view the entire spill report, select the corresponding "Spill Event ID".

DRILLDOWN HISTORY:

REGION: 5

Event ID	Region	Responsible Agency	Sewer System	WDID	Spill Category	Spill Start Date	Spill Vol (gal)	Spill Vol Recovered (gal)	Spill Vol Reached Surface Water (gal)	System Failure Location	Spill Appearance Point
657342	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-09-05 08:48	679	679	0		Manhole
705991	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-10-18 15:17	50	50	0		Manhole
706002	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-10-19 07:30	127	127	0		Manhole
706810	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-10-23 16:05	144	144	0		Other (specify)
707499	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-03 08:06	85	85	0		Manhole
707500	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-04 12:38	50	50	0		Manhole
707686	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-12 10:40	100	100	0		Manhole
707902	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-13 08:29	300	300	0		Other (specify)
707933	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-19 08:45	550	550	0		Manhole
708164	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-25 10:38	20	20	0		Other (specify)
708390	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-28 07:24	50	50	0		Other (specify)
708391	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-11-28 14:16	600	600	0		Other sewer system structure
708909	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-07 14:00	150	150	0		Manhole
709623	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-14 10:00	750	750	0		Manhole
709624	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-15 17:45	35	35	0		Manhole

709625	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-16 11:15	65	65	0	Other (specify)
710387	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-23 11:00	10	10	0	Manhole
710389	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-24 11:00	400	400	0	Other sewer system structure
710390	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-25 09:45	250	250	0	Manhole
710574	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-21 14:20	100	100	0	Manhole
710575	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2007-12-30 16:10	100	100	0	Manhole
711314	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-08 08:43	150	150	0	Manhole
711315	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-12 13:00	150	150	0	Manhole
711316	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-13 09:22	160	160	0	Manhole
711317	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-14 13:22	300	300	0	Other (specify)
711460	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-19 01:30	60	60	0	Manhole
711591	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-23 09:37	125	125	0	Manhole
711939	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-27 08:55	50	50	0	Manhole
712047	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-01-28 09:30	50	50	0	Manhole
712248	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-02-03 10:50	332	332	0	Other (specify)
712249	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-02-03 20:07	150	150	0	Manhole
713035	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-02-17 11:18	175	175	0	Manhole
713036	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-02-18 19:24	150	150	0	Manhole
713178	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-02-19 09:17	400	400	0	Manhole
713933	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-02-25 16:24	65	65	0	Manhole
714046	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-02-26 11:22	125	125	0	Manhole
714390	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-02 04:30	50	50	0	Manhole
714442	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-03 06:10	25	25	0	Other (specify)
714547	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-04 03:35	75	75	0	Manhole
714937	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-15 12:45	10	10	0	Manhole

714942	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-16 18:00	100	100	0	Manhole
714943	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-16 13:45	25	25	0	Manhole
715233	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-21 16:07	10	10	0	Manhole
715234	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-21 15:55	50	50	0	Other (specify)
715652	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-22 17:07	425	425	0	Manhole
716106	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-03-27 15:45	15	15	0	Other (specify)
716236	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-04-16 19:32	10	10	0	Manhole
716731	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-04-21 16:53	114	114	0	Manhole
716825	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-04-10 13:24	60	60	0	Other (specify)
716930	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-05-04 13:20	55	55	0	Manhole
717570	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-05-18 20:06	25	25	0	Manhole
717649	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-05-19 15:33	10	10	0	Manhole
717724	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-05-20 08:10	34	34	0	Manhole
718992	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-06-01 12:35	50	50	0	Manhole
719828	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-06-14 15:45	40	40	0	Manhole
721807	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-07-06 21:44	165	165	0	Other (specify)
722180	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-07-11 09:08	499	499	0	Manhole
723556	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-07-18 16:00	75	75	0	Manhole
724462	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-08-08 13:55	20	20	0	Manhole
724785	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-08-17 03:25	5	5	0	Other sewer system structure
725793	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-08-30 13:11	75	75	0	Manhole
725795	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-09-02 17:49	25	25	0	Manhole
725854	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-09-03 08:26	185	185	0	Manhole
726243	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-09-05 12:32	125	125	0	Manhole
727440	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-10-05 12:49	20	20	0	Manhole

727768	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-10-11 11:09	50	50	0	Manhole
727769	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-10-10 11:35	175	175	0	Manhole
728668	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-10-22 18:25	30	30	0	Manhole
728780	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-10-29 07:44	250	250	0	Other sewer system structure
728876	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-10-31 14:30	105	105	0	Manhole
728880	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-11-02 08:43	5	5	0	Other sewer system structure
729182	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-11-05 16:17	10	10	0	Other (specify)
729301	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-11-16 10:18	440	440	0	Manhole
729302	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-11-16 12:13	90	90	0	Manhole
729414	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-11-18 10:10	30	30	0	Other (specify)
729964	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-11-29 10:15	275	275	0	Manhole
729967	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-11-29 16:35	95	95	0	Manhole
730194	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-03 15:40	200	200	0	Manhole
730434	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-05 07:56	105	105	0	Manhole
730435	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-08 23:00	100	100	0	Manhole
730530	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-11 17:41	25	25	0	Manhole
730531	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-13 10:38	50	50	0	Manhole
730532	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-13 11:59	55	55	0	Manhole
730534	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-13 15:17	50	50	0	Manhole
730539	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-13 17:24	60	60	0	Other (specify)
730596	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-15 14:51	81	81	0	Manhole
730706	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-16 22:25	100	100	0	Manhole
730719	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2008-12-17 19:56	45	45	0	Manhole
731446	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-04 11:45	25	25	0	Manhole
731673	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-08 15:40	500	500	0	Other (specify)

731719	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-11 18:11	90	90	0	Other (specify)
731999	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-14 07:54	375	375	0	Manhole
732001	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-14 08:28	225	225	0	Manhole
732168	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-19 17:42	17	17	0	Manhole
732175	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-19 19:57	18	18	0	Manhole
732176	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-19 19:09	89	89	0	Manhole
732720	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-27 07:15	45	45	0	Manhole
732826	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-01-29 11:44	55	55	0	Manhole
733199	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-04 14:10	200	200	0	Manhole
733915	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-12 10:56	60	60	0	Manhole
733916	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-16 13:36	50	50	0	Manhole
733917	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-18 11:16	150	150	0	Manhole
733918	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-19 08:23	30	30	0	Manhole
733919	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-19 10:59	325	325	0	Manhole
733922	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-18 11:32	100	100	0	Other (specify)
733942	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-20 16:04	500	500	0	Manhole
733947	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-02-20 09:44	60	60	0	Other (specify)
734820	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-03-10 17:28	550	550	0	Manhole
734898	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-03-11 19:28	65	65	0	Manhole
735480	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-03-22 12:20	25	25	0	Manhole
735481	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-03-23 10:50	225	225	0	Manhole
735724	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-03-28 10:00	100	100	0	Manhole
736248	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-04-12 13:42	350	350	0	Manhole
736929	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-04-28 11:50	30	30	0	Manhole
737292	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-05-10 11:00	25	25	0	Manhole

737293	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-05-10 20:30	25	25	0		Manhole
737328	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-04-25 12:20	5	5	0		Manhole
737341	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-04-25 22:45	200	200	0		Manhole
737910	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-05-24 18:54	125	125	0		Manhole
738511	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-06-02 08:54	750	750	0		Manhole
738660	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-06-07 19:47	150	150	0		Manhole
738823	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-06-08 20:57	50	50	0		Manhole
738883	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-06-09 18:46	15	15	0		Manhole
740747	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-07-04 09:49	30	30	0		Manhole
740905	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-07-08 12:45	150	150	0		Manhole
743080	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-08-13 12:00	50	50	0		Manhole
743877	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-08-21 15:15	40	40	0		Manhole
743881	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-08-24 08:11	200	200	0		Manhole
743945	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-08-21 11:58	50	50	0		Manhole;Other (specify)
743947	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-08-21 13:16	109	109	0		Manhole
744091	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-08-28 10:55	300	300	0		Manhole
744301	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-09-03 10:38	50	50	0		Manhole
744412	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-09-05 13:10	300	300	0	Main	Other (specify)
744981	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-09-22 19:00	50	50	0		Other (specify)
744983	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-09-23 20:04	50	50	0		Other (specify)
745104	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-09-25 17:45	20	20	0		Manhole
745105	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-09-27 18:18	40	40	0		Manhole
745617	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-10-10 15:55	65	65	0		Manhole
745652	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-10-11 19:28	150	150	0		Manhole
745715	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-10-15 14:45	350	350	0		Manhole

745741	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-10-18 18:45	100	100	0		Manhole
746641	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-08 13:37	10	10	0		Manhole
746768	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-13 08:50	80	80	0		Manhole
746769	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-14 20:38	100	100	0		Manhole
746770	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-15 15:20	100	100	0		Other (specify)
746809	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-16 09:37	75	75	0		Manhole
746861	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-17 22:15	100	100	0		Manhole
747189	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-26 09:45	25	25	0		Manhole
747190	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-11-26 13:25	100	100	0		Manhole
747339	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-12-06 12:40	20	20	0		Manhole
747388	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-12-08 08:20	70	70	0	Main	Manhole
747484	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-12-14 09:17	200	200	0		Manhole
747510	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-12-15 10:40	240	240	0		Manhole
747612	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-12-17 11:26	300	300	0		Other (specify)
747790	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-12-19 17:00	60	60	0		Other (specify)
747882	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2009-12-21 15:30	200	200	0		Other (specify)
748338	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-01-13 11:15	50	50	0		Other (specify)
749009	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-01-30 16:27	10	10	0		Other (specify)
749282	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-02-10 11:20	60	60	0		Manhole
749571	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-02-19 13:56	80	80	0		Manhole
749742	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-02-22 19:40	10	10	0		Manhole
749743	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-02-23 09:01	50	50	0		Manhole
749920	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-02-26 16:45	100	100	0		Manhole
749921	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-02-28 07:00	100	100	0		Manhole
749922	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-02-28 18:42	100	100	0		Other (specify)

749961	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-01 15:15	50	50	0		Manhole
750170	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-04 14:55	30	30	0		Manhole
750172	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-04 11:22	30	30	0		Manhole
750532	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-11 15:30	60	60	0		Other (specify)
750545	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-01-29 08:42	75	75	0		Manhole
750602	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-15 10:27	30	30	0	Main	Manhole
750611	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-15 17:45	20	20	0		Manhole
751118	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-26 08:17	5	5	0		Other (specify)
751158	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-30 18:28	50	50	0		Manhole
751247	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-03-31 14:35	150	150	0		Manhole
751310	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-05 12:00	10	10	0		Other (specify)
751311	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-05 21:00	30	30	0		Manhole
751397	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-07 14:00	20	20	0		Manhole
751736	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-05 19:20	46	46	0		Manhole
751781	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-19 09:45	60	60	0		Manhole
751811	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-20 12:03	20	20	0		Other (specify)
751877	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-21 10:58	20	20	0		Other (specify)
752069	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-04-04 10:48	1	1	0		Manhole
752105	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-05-01 17:27	10	10	0		Other (specify)
752490	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-05-17 11:05	75	75	0		Other (specify)
752565	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-05-19 21:00	20	20	0		Manhole
752566	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-05-19 17:45	20	20	0		Other (specify)
752732	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-05-26 22:00	1	1	0		Manhole
753316	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-06-12 15:44	150	150	0		Manhole
753317	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-06-12 22:22	200	200	0		Manhole

753719	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-06-19 21:15	100	100	0		Manhole
754025	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-06-27 12:24	5	5	0		Other (specify)
754026	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-06-25 14:09	400	400	0		Other (specify)
754359	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-06-29 13:27	80	80	0		Manhole
754423	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-07-04 21:00	3	3	0		Other (specify)
754704	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-07-09 10:48	10	10	0		Manhole
755310	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-07-15 15:30	50	50	0		Manhole
755313	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-07-16 14:04	30	30	0		Manhole
755340	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-07-20 13:31	20	20	0		Manhole
755381	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-07-21 09:09	50	50	0		Manhole
755449	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-07-24 08:32	10	10	0		Other (specify)
756111	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-08-16 22:00	30	30	0	Main	Manhole
756131	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-08-14 10:35	10	10	0	Main	Other (specify)
756172	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-08-18 17:00	25	25	0	Main	Other (specify)
756252	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-08-20 16:30	100	100	0	Main	Manhole
756413	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-08-25 10:54	10	10	0	Main	Manhole
756476	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-08-29 18:28	1	1	0	Main	Manhole
756509	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-08-30 12:17	5	5	0	Main	Other (specify)
756637	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-09-03 12:43	100	100	0	Main	Other (specify)
756973	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-09-19 00:00	60	60	0	Main	Manhole
757062	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-09-21 19:09	50	50	0	Main	Manhole
757289	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-09-30 08:45	65	65	0	Main	Other (specify)
757396	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-10-05 15:40	200	200	0	Main	Manhole
757462	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-10-06 12:53	10	10	0	Main	Manhole
757463	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-10-07 10:19	100	100	0	Main	Manhole

757627	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-10-12 08:00	5	5	0	Main	Other (specify)
757628	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-10-12 10:58	25	25	0	Main	Other (specify)
758098	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-10-24 13:00	10	10	0	Main	Other (specify)
758180	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-10-26 12:29	20	20	0	Main	Other (specify)
758387	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-04 13:09	20	20	0	Main	Building or structure
758390	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-04 14:33	100	100	0	Main	Manhole
758434	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-05 10:50	10	10	0	Main	Other (specify)
758435	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-08 19:12	50	50	0	Main	Manhole
758458	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-09 12:15	1	1	0	Main	Manhole
758734	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-17 16:28	55	55	0	Main	Manhole
759039	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-18 08:27	170	170	0	Main	Other (specify)
759040	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-18 14:06	500	500	0	Main	Manhole
759041	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-21 11:30	20	20	0	Main	Other (specify)
759042	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-23 11:25	15	15	0	Main	Other (specify)
759044	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-23 13:35	30	30	0	Main	Manhole
759045	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-11-28 22:15	1	1	0	Main	Manhole
759159	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-06 14:13	100	100	0	Main	Manhole
759160	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-06 14:28	80	80	0	Main	Other (specify)
759280	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-09 20:19	10	10	0	Main	Manhole
759502	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-15 09:29	15	15	0	Main	Manhole
759611	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-17 10:47	60	60	0	Main	Manhole
759614	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-18 16:14	200	200	0	Main	Manhole;Other (specify)
759615	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-19 10:07	400	400	0	Main	Other (specify)
759646	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-20 17:00	50	50	0	Main	Manhole
759978	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-27 11:25	20	20	0	Main	Manhole

760002	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2010-12-29 08:27	100	100	0	Main	Other (specify)
760088	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-01 11:50	10	10	0	Main	Manhole
760090	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-02 11:55	50	50	0	Main	Other sewer system structure
760372	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-03 13:42	110	110	0	Main	Other (specify)
760373	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-05 16:50	100	100	0	Main	Manhole
760808	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-06 16:10	100	100	0	Main	Manhole
760809	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-08 19:17	60	60	0	Main	Manhole
760810	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-10 16:52	200	200	0	Main	Manhole
760811	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-10 13:47	75	75	0	Main	Manhole
761379	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-14 15:02	20	20	0	Main	Manhole
761380	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-17 10:38	150	150	0	Main	Manhole
761381	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-17 16:08	50	50	0	Main	Manhole
761583	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-20 11:11	20	20	0	Main	Other (specify)
762220	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-29 10:25	30	30	0	Main	Other (specify)
762222	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-28 20:35	25	25	0	Main	Manhole
762224	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-28 17:43	200	200	0	Main	Building or structure;Manhole;Other (specify)
762226	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-28 13:50	85	85	0	Main	Manhole;Other (specify)
762473	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-01 19:00	50	50	0	Main	Manhole;Other (specify)
762474	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-02 14:40	25	25	0	Main	Other (specify)
762521	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-04 12:01	100	100	0	Main	Manhole
762522	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-05 12:31	30	30	0	Main	Manhole
762524	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-04 14:14	35	35	0	Main	Manhole
762875	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-01-23 16:03	30	30	0	Main	Manhole
762880	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-10 10:09	10	10	0	Main	Other (specify)
763104	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-12 15:00	20	20	0	Main	Manhole

763105	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-15 09:12	10	10	0	Main	Manhole
763117	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-05 13:21	20	20	0	Main	Other (specify)
763343	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-19 00:00	50	50	0	Main	Manhole
763344	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-21 18:54	50	50	0	Main	Manhole
763690	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-23 11:46	50	50	0	Main	Other (specify)
763691	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-23 14:26	25	25	0	Main	Other (specify)
763692	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-23 13:58	200	200	0	Main	Other (specify)
763695	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-22 16:18	250	250	0	Main	Other (specify)
763789	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-02-24 12:47	200	200	0	Main	Manhole
763943	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-01 19:44	20	20	0	Main	Other (specify)
764069	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-04 08:23	23	23	0	Main	Manhole
764339	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-11 07:20	85	85	0	Main	Manhole
764341	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-11 11:34	50	50	0	Main	Other (specify)
764606	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-19 13:30	50	50	0	Main	Manhole
764607	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-20 15:10	150	150	0	Main	Manhole
764608	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-20 15:57	120	120	0	Main	Manhole
764663	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-22 13:30	65	65	0	Main	Manhole
764870	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2011-03-24 15:03	2,500	2,500	500	Regional Treatment Plant was unable to take the amount of flow needed. System surcharged, our pumps would create a surge, and that is when we had the overflow. All caused by Rain event and heavy rain fall.	
764977	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-24 17:50	300	300	0	Main	Manhole;Other (specify)
764978	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-26 14:29	100	100	0	Main	Manhole
764980	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-27 10:30	50	50	0	Main	Manhole

765195	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-03-31 22:30	100	100	0	Main	Other (specify)
765535	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-04-13 15:29	100	100	0	Main	Manhole
765552	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-04-14 13:35	25	25	0	Main	Manhole
765799	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-04-25 20:09	75	75	0	Main	Manhole
765941	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-04-27 13:00	80	80	0	Main	Other (specify)
765942	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-04-28 08:48	35	35	0	Main	Manhole
765972	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-04-28 13:26	20	20	0	Main	Manhole
766158	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-04-29 17:30	200	200	0	Main	Manhole
766159	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-05-02 12:09	100	100	0	Main	Other (specify)
766250	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-05-06 09:24	118	118	0	Main	Other (specify)
766315	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-05-10 12:11	110	110	0	Main	Manhole
766395	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-05-11 09:34	75	75	0	Main	Manhole
766544	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-05-15 11:44	200	200	0	Main	Manhole
766743	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-05-18 09:24	50	50	0	Main	Manhole
767236	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-06-06 14:18	46	46	0	Main	Other (specify)
767483	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-06-14 13:46	46	46	0	Main	Other (specify)
767538	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-06-15 07:46	76	76	0	Main	Other (specify)
767661	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-06-17 19:06	200	200	0	Main	Manhole
767770	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-06-23 10:29	10	10	0	Main	Manhole
768032	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-06-29 12:22	56	56	0	Main	Other (specify)
768033	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-06-29 19:01	50	50	0	Main	Manhole
768122	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-02 18:50	20	20	0	Main	Other (specify)
768167	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-05 11:17	25	25	0	Main	Manhole
768238	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-07 08:19	10	10	0	Main	Manhole
768335	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-11 18:29	55	55	0	Main	Manhole

768336	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-11 18:01	50	50	0	Main	Manhole
768985	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-25 18:54	200	200	0	Main	Manhole
769003	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-22 16:30	100	100	0	Main	Manhole
769320	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-07-29 08:01	300	300	0	Main	Manhole
769662	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-08-09 11:24	16	16	0	Main	Manhole
769755	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-08-11 12:11	3	3	0	Main	Other (specify)
770039	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-08-21 13:22	100	100	0	Main	Manhole;Other sewer system structure
770450	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-08-27 10:14	10	10	0	Main	Other (specify)
770509	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-08-30 11:11	20	20	0	Main	Manhole
770633	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-08-31 10:16	23	23	0	Main	Manhole
770692	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-04 13:40	200	200	0	Main	Manhole;Other (specify)
771011	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-13 11:56	5	5	0	Main	Other (specify)
771241	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-16 12:58	15	15	0	Main	Other (specify)
771432	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-25 15:57	20	20	0	Main	Manhole
771434	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-25 20:15	200	200	0	Main	Manhole
771564	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-26 09:13	256	256	0	Main	Manhole
771565	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-26 21:45	22	22	0	Main	Manhole
771583	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-29 21:40	30	30	0	Main	Manhole
771636	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-09-30 15:28	100	100	0	Main	Manhole
771637	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-01 09:25	10	10	0	Main	Other (specify)
771638	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-02 09:58	5	5	0	Main	Manhole
771729	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-04 09:05	15	15	0	Main	Other (specify)
771947	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-11 16:50	150	150	0	Main	Manhole
772191	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-18 11:57	20	20	0	Main	Manhole
772285	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-20 11:07	5	5	0	Main	Other (specify)

772358	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-25 11:01	130	130	0	Main	Manhole
772465	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-27 09:05	50	50	0	Main	Manhole
772469	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-27 14:14	86	86	0	Main	Other (specify)
772555	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-10-29 14:35	374	374	0	Main	Manhole;Other (specify)
772929	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-11-07 13:30	10	10	0	Main	Manhole
773086	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-11-12 17:33	134	134	0	Main	Manhole
773372	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2011-11-20 13:25	1,515	1,415	0	Main	Gravity sewer;Other (specify)
773496	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-11-19 15:22	135	100	0	Main	Other (specify)
773554	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-11-27 17:30	10	10	0	Main	Gravity sewer;Other (specify)
773733	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-03 18:06	366	366	0	Main	Manhole
773761	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-05 12:54	10	10	0	Main	Other (specify)
773816	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-07 14:16	4	4	0	Main	Manhole
774041	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-10 11:50	30	30	0	Main	Building or structure
774042	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2011-12-11 12:38	400	400	100	Main	Other (specify)
774043	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-12 12:02	21	21	0	Main	Other (specify)
774045	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-12 12:02	10	8	0	Main	Other (specify)
774129	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-14 08:14	45	45	0	Main	Manhole;Other (specify)
774583	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-20 16:00	20	20	0	Main	Manhole
774760	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-22 13:13	42	42	0	Main	Manhole
774761	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-24 13:46	30	25	0	Main	Manhole
774762	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-26 11:37	10	10	0	Main	Manhole
774765	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-26 14:29	1	1	0	Lower Lateral	Other (specify)
774932	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2011-12-27 21:03	185	165	0	Main	Manhole
775331	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-01 11:44	1	1	0	Main	Manhole
775332	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-02 15:11	7	7	0	Main	Manhole

775355	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-04 15:37	249	249	0	Main	Other (specify)
775717	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-09 16:12	10	8	0	Main	Manhole;Other (specify)
775985	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-14 08:30	65	60	0	Main	Other (specify)
775986	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-14 13:35	3	0	0	Main	Manhole;Other (specify)
776030	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-18 08:38	49	49	0	Main	Building or structure;Other (specify)
776370	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-20 16:50	80	80	0	Main	Building or structure;Other (specify)
776372	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-23 17:09	40	40	0	Main	Other (specify)
776556	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-27 13:26	163	163	0	Main	Manhole
776572	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-01-29 14:58	182	182	0	Main	Manhole
776794	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-01 13:46	565	565	0	Main	Manhole
776851	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-04 09:45	5	5	0	Main	Manhole
777089	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-08 12:50	6	5	0	Main	Manhole
777111	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-09 16:28	30	30	0	Main	Other (specify)
777396	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-11 12:07	1	1	0	Main	Manhole
777397	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-11 15:08	2	2	0	Main	Other (specify)
777398	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-12 12:15	2	2	0	Main	Other (specify)
777577	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-15 08:09	31	25	0	Main	Manhole
777578	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-15 17:07	147	140	0	Main	Other (specify)
777855	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-18 16:57	9	9	0	Main	Other (specify)
777856	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-18 18:52	2	2	0	Main	Other (specify)
777857	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-20 15:24	21	21	0	Main	Other (specify)
777858	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-21 11:40	73	73	0	Main	Manhole
777859	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-21 16:28	31	31	0	Main	Other (specify)
777900	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-02-23 15:25	5	5	0	Main	Other (specify)
778329	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-02 08:46	139	139	0	Main	Manhole

778330	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-02 12:45	37	37	0	Main	Manhole
778331	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-04 11:34	47	47	0	Main	Manhole
778642	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-12 13:44	480	480	0	Main	Gravity sewer;Other (specify)
778848	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-19 09:50	165	165	0	Main	Manhole
778955	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-21 15:24	128	128	0	Main	Manhole
778956	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-21 11:20	48	46	0	Main	Manhole;Other (specify)
778957	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-22 13:15	8	6	0	Main	Manhole;Other (specify)
779111	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-22 11:27	14	14	0	Main	Manhole
779144	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-24 16:16	45	45	0	Main	Other (specify)
779215	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-03-28 06:44	14	14	0	Main	Manhole;Other (specify)
779475	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-04-03 15:57	278	278	0	Main	Manhole
779825	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-04-09 14:07	42	20	0	Main	Manhole
780468	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-04-22 19:10	552	552	0	Main	Manhole
780690	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-04-26 00:30	386	386	0	Main	Manhole
780812	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-04-29 11:32	10	10	0	Main	Manhole
780818	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-04-30 13:02	19	19	0	Main	Other (specify)
780819	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-04-30 15:09	7	7	0	Main	Manhole
781080	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-05-04 09:00	99	99	0	Main	Manhole
781081	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-05-07 08:37	37	37	0	Main	Manhole
781157	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-05-09 13:34	353	353	0	Main	Other (specify)
781377	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-05-15 09:09	24	24	0	Main	Manhole
781499	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-05-19 11:58	4	0	0	Main	Other (specify)
782232	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-06-17 18:49	57	43	0	Main	Other (specify)
782558	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-06-23 14:10	10	10	0	Main	Manhole
782719	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-07-01 11:33	3	3	0	Main	Manhole

783262	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-07-10 17:17	40	40	0	Main	Other (specify)
783917	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-07-22 13:25	67	67	0	Main	Manhole
784698	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-08-01 12:27	12	0	0	Main	Other sewer system structure
784724	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-08-06 10:46	22	22	0	Main	Manhole;Other (specify)
784725	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-08-06 19:17	20	20	0	Main	Manhole
785811	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-08-30 18:57	252	252	0	Main	Manhole
786219	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-09-13 09:05	75	75	0	Main	Gravity sewer;Manhole
786290	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-09-15 13:31	41	22	0	Main	Manhole
786662	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-09-19 10:29	19	19	0	Main	Other (specify)
786664	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-09-20 14:30	31	21	0	Main	Manhole
786665	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-09-20 16:01	23	23	0	Main	Manhole
786672	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-09-26 10:19	5	3	0	Main	Other (specify)
786890	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-09-30 08:57	94	87	0	Main	Manhole;Other (specify)
787024	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-10-06 08:30	5	5	0	Main	Manhole
787060	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-10-08 08:24	10	2	0	Main	Other (specify)
787664	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-10-27 11:32	78	78	0	Main	Manhole
787899	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-11-06 10:18	34	34	0	Main	Manhole
788369	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-11-21 15:38	33	33	0	Main	Manhole
788586	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-11-29 08:33	28	28	0	Main	Manhole
788589	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2012-11-28 12:51	1,557	1,557	0	Main	Manhole
788786	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2012-12-02 11:25	1,259	1,259	0	Main	Manhole
788790	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2012-12-02 12:25	913	63	850	Main	Manhole;Other (specify)
788838	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-05 18:47	24	24	0	Main	Manhole
788977	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-07 08:07	17	17	0	Main	Gravity sewer;Manhole
788978	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-08 08:34	28	28	0	Main	Other (specify)

788979	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-08 11:06	92	50	0	Main	Manhole
788980	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-08 18:22	3	3	0	Main	Other (specify)
789235	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-20 09:40	67	67	0	Main	Manhole
789483	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-26 11:31	19	19	0	Main	Manhole
789511	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2012-12-27 11:14	75	75	0	Main	Manhole
790534	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-01-17 17:52	12	8	0	Main	Other (specify)
790696	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-01-18 09:33	3	3	0	Main	Manhole
790823	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-01-24 15:24	3	1	0	Main	Other (specify)
791092	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2013-01-31 08:28	1,800	1,800	0	Main	Manhole
791236	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-02-02 18:23	18	18	0	Main	Other (specify)
791237	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-02-04 12:32	17	5	0	Main	Other (specify)
791830	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-02-16 14:01	31	31	0	Main	Manhole;Other (specify)
791831	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-02-17 09:57	37	37	0	Main	Manhole
791833	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-02-18 19:42	34	34	0	Main	Manhole
791876	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2013-02-19 10:29	10	3	7	Main	Manhole;Other (specify)
792177	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-02-26 13:15	12	12	0	Main	Manhole
792261	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-02-28 08:00	30	30	0	Main	Manhole
792522	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-03-08 13:00	10	10	0	Main	Manhole
792754	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-03-14 16:05	27	27	0	Main	Other (specify)
792914	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-03-22 16:10	15	15	0	Main	Manhole
793354	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-04-10 13:59	40	20	0	Main	Other (specify)
793386	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-04-15 06:25	1	1	0	Main	Other (specify)
793425	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-04-16 14:50	20	20	0	Main	Manhole
793571	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-04-23 19:12	5	5	0	Main	Other (specify)
793674	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-04-25 12:41	61	61	0	Main	Manhole

794052	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-05-09 13:50	70	70	0	Main	Gravity sewer;Manhole
794122	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-05-11 07:41	3	0	0	Main	Other (specify)
794124	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-05-13 07:28	26	26	0	Main	Manhole
794399	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-05-21 10:34	699	699	0	Main	Other (specify)
794525	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-05-27 07:45	516	516	0	Main	Manhole
794955	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-06-09 19:30	15	0	0	Main	Manhole
795504	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-06-11 11:07	118	118	0	Main	Other (specify)
795765	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-06-18 15:40	5	5	0	Main	Manhole
798969	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-09-20 18:50	136	106	0	Gravity Mainline	Manhole
799159	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-09-25 10:18	17	17	0	Gravity Mainline	Manhole
799691	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-10-04 16:00	30	30	0	Gravity Mainline	Manhole
800234	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-10-24 19:50	28	28	0	Gravity Mainline	Lateral Clean Out (Private)
800466	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-10-31 09:27	119	119	0	Gravity Mainline	Gravity Mainline
800499	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-11-02 17:40	140	140	0	Gravity Mainline	Gravity Mainline
800669	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-11-08 08:32	6	6	0	Gravity Mainline	Manhole
800852	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-11-14 16:15	14	14	0	Gravity Mainline	Manhole
800941	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-11-20 13:48	10	8	0	Gravity Mainline	Lateral Clean Out (Private)
801209	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-11-23 07:00	5	5	0	Gravity Mainline	Lateral Clean Out (Private)
801348	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-12-01 13:41	19	19	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
801584	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-12-09 18:20	34	34	0	Gravity Mainline	Manhole
802346	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2013-12-26 11:32	20	20	0	Gravity Mainline	Lateral Clean Out (Private)
802542	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2014-01-07 14:31	1,966	1,966	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
802702	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-01-11 17:17	5	2	0	Gravity Mainline	Lateral Clean Out (Private)
802991	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-01-18 17:00	15	15	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
802995	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-01-19 11:34	19	18	0	Gravity Mainline	Lateral Clean Out (Private)

803237	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-01-27 11:13	6	4	0	Manhole	Manhole
803485	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-02-03 12:33	35	5	0	Gravity Mainline	Lateral Clean Out (Private)
803584	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-02-05 12:42	18	10	0	Gravity Mainline	Manhole
803963	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-02-18 12:58	21	21	0	Gravity Mainline	Manhole
804105	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-02-22 12:06	3	2	0	Gravity Mainline	Manhole
805130	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-03-28 10:34	52	52	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
805175	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2014-04-01 21:15	38	0	38	Gravity Mainline	Manhole
805381	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-04-09 08:59	13	13	0	Gravity Mainline	Manhole
806039	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-05-11 20:17	17	17	0	Gravity Mainline	Lateral Clean Out (Private)
806825	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-06-03 12:48	3	3	0	Gravity Mainline	Lower Lateral (Private)
807028	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-06-15 22:52	115	115	0	Gravity Mainline	Manhole
807186	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-06-19 13:00	19	0	0	Gravity Mainline	Lateral Clean Out (Private)
807679	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-07-14 20:32	62	62	0	Gravity Mainline	Manhole
810133	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-10-23 09:54	334	317	0	Gravity Mainline	Lateral Clean Out (Private)
810431	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-10-29 16:23	23	23	0	Gravity Mainline	Manhole
810760	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-11-17 15:10	12	12	0	Gravity Mainline	Manhole
810794	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2014-11-19 09:07	3	3	0	Gravity Mainline	Gravity Mainline;Inside Building or Structure
812273	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-01-11 11:55	28	28	0	Gravity Mainline	Manhole
812479	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-01-23 09:07	15	13	0	Gravity Mainline	Lateral Clean Out (Private)
813030	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-02-10 17:49	4	4	0	Gravity Mainline	Lateral Clean Out (Private)
813108	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-01-13 19:13	212	212	0	Gravity Mainline	Manhole
813110	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-02-13 13:34	15	11	0	Gravity Mainline	Lateral Clean Out (Private)
813176	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-02-17 13:27	10	10	0	Gravity Mainline	Manhole
813870	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-03-11 19:08	85	85	0	Gravity Mainline	Manhole
813905	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-03-15 12:11	5	2	0	Gravity Mainline	Manhole

814073	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-03-23 14:15	150	150	0	Pump Station-Controls	Inside Building or Structure
814843	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-04-28 07:13	48	48	0	Gravity Mainline	Lateral Clean Out (Private)
815768	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-06-03 07:39	127	127	0	Gravity Mainline	Manhole
815769	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-06-07 21:40	128	118	0	Gravity Mainline	Manhole
816020	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-06-21 14:00	15	15	0	Gravity Mainline	Gravity Mainline;Manhole
816397	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-06-30 17:30	6	6	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
817442	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-08-17 09:52	9	4	0	Gravity Mainline	Lateral Clean Out (Private)
818329	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-09-23 20:15	9	9	0	Gravity Mainline	Manhole;Other sewer system structure
818330	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-09-24 11:30	4	4	0	Gravity Mainline	Manhole
818685	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-10-08 20:48	8	8	0	Gravity Mainline	Manhole
819441	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-11-10 09:33	5	5	0	Gravity Mainline	Inside Building or Structure
819538	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2015-11-17 08:16	36	36	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
820825	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-01-05 13:06	668	668	0	Gravity Mainline	Upper Lateral (Private)
821914	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-02-06 14:15	191	191	0	Gravity Mainline	Manhole
822021	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-02-14 15:25	22	22	0	Gravity Mainline	Manhole
822113	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-02-18 18:51	4	4	0	Gravity Mainline	Manhole
822914	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-03-09 16:16	10	10	0	Gravity Mainline	Manhole
823102	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-03-18 19:03	2	2	0	Gravity Mainline	Upper Lateral (Private)
825589	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-06-02 18:39	916	916	0	Gravity Mainline	Inside Building or Structure
825712	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-06-25 15:26	9	9	0	Gravity Mainline	Manhole
826282	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-07-09 20:12	2	2	0	Gravity Mainline	Manhole
827595	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-08-28 12:10	484	484	0	Gravity Mainline	Upper Lateral (Private)
828030	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-09-06 21:45	85	85	0	Gravity Mainline	Manhole
829515	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-10-25 22:32	89	89	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
829578	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-10-31 10:20	67	63	0	Gravity Mainline	Manhole

829824	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2016-11-14 08:10	1,928	1,928	0	Gravity Mainline	Manhole
829979	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-11-11 17:15	2	0	0	Gravity Mainline	Upper Lateral (Private)
830128	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-11-21 11:41	66	66	0	Gravity Mainline	Manhole
830250	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-11-24 18:30	37	37	0	Gravity Mainline	Manhole
830367	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2016-11-30 06:10	908	908	0	Gravity Mainline	Manhole
831820	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2017-01-11 10:00	4,950	1,950	3,000	THE SEPARATED SYSTEM WAS SURCHARGED DUE TO THE RAIN EVENT THAT WAS HAPPENING.	
832096	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-01-13 11:32	24	24	0	Gravity Mainline	Lateral Clean Out (Private)
833767	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-03-03 15:00	117	117	0	Gravity Mainline	Manhole
834215	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-03-30 08:00	24	0	0	Gravity Mainline	Manhole
834489	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-04-11 08:00	133	109	0	Gravity Mainline	Manhole
839058	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-08-20 15:52	16	16	0	Gravity Mainline	Manhole
840212	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2017-09-20 13:32	240	0	240	Gravity Mainline	Lateral Clean Out (Private);Manhole
840299	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-09-19 08:30	6	0	0	Gravity Mainline	Manhole
840696	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2017-10-05 19:50	1,605	1,605	0	Gravity Mainline	Manhole
841338	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-10-28 22:30	404	404	0	Gravity Mainline	Manhole
841433	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-11-03 12:19	91	91	0	Gravity Mainline	Manhole
841791	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-11-18 08:00	90	90	0	Gravity Mainline	Inside Building or Structure
841993	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-12-01 13:00	20	20	0	Gravity Mainline	Lower Lateral (Private)
842680	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2017-12-05 17:00	375	375	0	Gravity Mainline	Manhole
843632	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-01-06 10:40	305	305	0	Gravity Mainline	Manhole
843634	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-01-06 11:00	750	750	0	Gravity Mainline	Other sewer system structure
844346	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-01-28 08:00	392	296	0	Gravity Mainline	Lateral Clean Out (Private)
844836	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2018-02-11 14:15	1,465	1,465	0	Gravity Mainline	Lower Lateral (Private)
845685	5	Sacramento City	City of Sacramento	5SSO10901	Category 3	2018-03-10	375	375	0	Gravity Mainline	Manhole

		Utilities CS		11:45							
846064	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-03-23 07:55	375	375	0	Gravity Mainline	Manhole
846471	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-04-11 11:30	11	11	0	Gravity Mainline	Manhole
848004	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2018-06-08 09:00	330	205	125	Gravity Mainline	Manhole
848302	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-06-15 12:01	8	8	0	Gravity Mainline	Manhole
849799	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-07-20 19:00	4	4	0	Gravity Mainline	Manhole
849805	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-07-22 10:40	20	20	0	Gravity Mainline	Lateral Clean Out (Private); Lower Lateral (Private)
850142	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-08-03 13:20	915	0	0	Gravity Mainline	Lateral Clean Out (Private); Upper Lateral (Private)
851192	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2018-09-22 18:35	1,026	1,026	0	Gravity Mainline	Manhole
852224	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-10-30 19:15	16	16	0	Gravity Mainline	Manhole
852586	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-11-01 09:15	8	8	0	Gravity Mainline	Manhole
853186	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-11-20 20:30	6	6	0	Gravity Mainline	Other sewer system structure
854005	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2018-11-30 19:00	6,300	300	6,000	Gravity Mainline	Manhole
854014	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2018-12-02 09:00	1,358	1,358	0	Gravity Mainline	Manhole
854745	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2018-12-26 08:52	7	7	0	Gravity Mainline	Manhole
854988	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2018-12-30 12:00	2,206	2,206	0	Gravity Mainline	Manhole
856052	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2019-02-09 12:30	1,350	1,350	0	Gravity Mainline	Manhole
856281	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2019-02-07 09:52	13	13	0	Gravity Mainline	Manhole
857050	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2019-03-16 08:00	676	260	416	Gravity Mainline	Manhole
857111	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2019-03-17 10:00	41	41	0	Gravity Mainline	Lateral Clean Out (Private)
857631	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2019-04-03 18:52	20	20	0	Gravity Mainline	Manhole
858848	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2019-05-24 09:03	4	4	0	Gravity Mainline	Manhole
859584	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2019-06-27 00:00	5,221	522	0	Gravity Mainline	Gravity Mainline
859658	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2019-06-07 22:21	85	0	0	Gravity Mainline	Gravity Mainline; Lateral Clean Out (Private); Lower Lateral (Private)
861456	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2019-09-05 15:00	131	131	0	Gravity Mainline	Manhole
861700	5	Sacramento City	City of Sacramento	5SSO10901	Category 3	2019-09-25	64	64	0	Gravity Mainline	Manhole

https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportId=sso_overview_region&reportAction=generate®ion=5&agency=Sacrament... 25/28

872942	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-03-15 16:12	60	60	0	Gravity Mainline	Manhole
873007	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2021-03-17 19:57	24,900	0	24,900	Gravity Mainline	Manhole
876265	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-08-20 09:00	836	836	0	Gravity Mainline	Manhole
876472	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-09-14 11:03	57	57	0	Gravity Mainline	Lateral Clean Out (Private)
877427	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-10-31 09:00	85	85	0	Gravity Mainline	Lower Lateral (Private)
877430	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-11-03 16:45	22	22	0	Gravity Mainline	Manhole
877692	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-11-12 21:00	434	434	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
877693	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-11-19 20:27	61	61	0	Gravity Mainline	Lower Lateral (Private)
877841	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-11-23 11:24	22	22	0	Gravity Mainline	Lateral Clean Out (Private)
878296	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2021-12-23 09:45	7,300	0	7,300	Gravity Mainline	Manhole
878754	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2021-12-28 14:00	1,235	1,235	0	Gravity Mainline	Lower Lateral (Private);Upper Lateral (Private)
878775	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-12-16 00:03	715	715	0	Gravity Mainline	Manhole
878778	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2022-01-07 13:49	19,040	19,040	0	Gravity Mainline	Manhole
878779	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2021-12-30 14:00	138	138	0	Gravity Mainline	Manhole
878799	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-01-05 14:15	48	48	0	Gravity Mainline	Manhole
878801	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-01-07 13:30	8	8	0	Force Main	Force Main
878952	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-01-18 09:05	240	240	0	Gravity Mainline	Manhole
879812	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-02-24 14:15	27	27	0	Gravity Mainline	Manhole
879981	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-03-03 15:10	8	8	0	Gravity Mainline	Manhole
879983	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-03-06 19:30	60	60	0	Gravity Mainline	Manhole
880005	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-03-09 13:06	722	722	0	Gravity Mainline	Lateral Clean Out (Private)
880592	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-03-24 11:30	188	188	0	Gravity Mainline	Manhole
880995	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-04-18 13:24	34	34	0	Gravity Mainline	Inside Building or Structure;Lower Lateral (Private);Manhole
881000	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-04-26 18:30	4	4	0	Gravity Mainline	Manhole
881269	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2022-05-14 10:15	2,217	2,217	0	Gravity Mainline	Manhole

881534	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-05-25 13:00	6	6	0	Gravity Mainline	Manhole
881536	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-05-29 10:30	247	247	0	Gravity Mainline	Manhole
881853	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2022-06-19 10:30	10,044	10,044	0	Gravity Mainline	Lateral Clean Out (Private)
882055	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-06-19 16:30	198	198	0	Gravity Mainline	Manhole
882159	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2022-06-30 08:03	5,971	5,971	0	Gravity Mainline	Manhole;Other sewer system structure
882233	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2022-07-07 10:00	22,709	22,709	0	Gravity Mainline	Inside Building or Structure;Lateral Clean Out (Private)
882595	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-07-26 08:24	727	727	0	Gravity Mainline	Manhole
882698	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-08-02 10:53	73	73	0	Gravity Mainline	Manhole
882740	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-08-04 16:00	41	41	0	Gravity Mainline	Manhole
883034	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-08-23 12:45	126	126	0	Gravity Mainline	Manhole
884018	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-10-16 11:31	835	835	0	Gravity Mainline	Manhole
884077	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-10-20 08:18	144	144	0	Gravity Mainline	Lateral Clean Out (Private)
884770	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-12-07 11:07	92	92	0	Gravity Mainline	Manhole
885082	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 1	2022-12-26 10:00	5,855	233	5,622	Gravity Mainline	Lateral Clean Out (Private)
885425	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-12-16 19:30	11	11	0	Gravity Mainline	Lateral Clean Out (Private)
885433	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2022-12-24 16:04	22	22	0	Gravity Mainline	Manhole
885659	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2023-01-20 14:55	8,694	8,694	0	Gravity Mainline	Manhole
885932	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2023-01-22 16:58	3	3	0	Gravity Mainline	Manhole
886960	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2023-03-05 12:00	6,755	6,755	0	Gravity Mainline	Manhole
887140	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2023-03-09 18:11	168	168	0	Gravity Mainline	Lateral Clean Out (Private)
887239	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2023-03-05 14:50	52	52	0	Gravity Mainline	Manhole
887493	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2023-03-13 16:17	127	127	0	Gravity Mainline	Lateral Clean Out (Private);Manhole
887655	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2023-03-31 14:42	131	131	0	Gravity Mainline	Manhole
888496	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2023-04-08 10:30	216	216	0	Gravity Mainline	Inside Building or Structure;Lateral Clean Out (Private)
888581	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2	2023-05-27 12:15	1,562	1,562	0	Gravity Mainline	Manhole

888604	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 3	2023-05-15 12:00	124	124	0	Gravity Mainline	Other sewer system structure
890763	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2023-09-21 05:00	452	452		Gravity Mainline	Manhole
891515	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Category 2 Spill	2023-12-10 10:30	3,460	3,460		Gravity Mainline	Manhole
892356	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2023-12-18 09:00	132	132		Gravity Mainline	Lateral Clean Out (Private), Manhole
892360	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2023-12-28 17:30	129	129		Gravity Mainline	Manhole
892363	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2023-12-26 14:55	448	448		Gravity Mainline	Manhole
893678	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-01-21 13:00	148	148		Gravity Mainline	Manhole
894166	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-02-10 06:00	90	90		Gravity Mainline	Manhole
894181	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-02-14 14:00	825	825		Gravity Mainline	Manhole
894952	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-04-22 11:48	158	158		Gravity Mainline	Manhole
894966	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-04-12 06:45	111	111		Gravity Mainline	Manhole
895462	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-05-18 14:56	336	336		Gravity Mainline	Manhole
895743	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-06-04 07:35	332	332		Gravity Mainline	Manhole
896582	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-08-12 19:17	430	430		Gravity Mainline	Manhole
896682	5	Sacramento City	City of Sacramento Utilities CS	5SSO10901	Monthly Category 3 Spill	2024-07-24 00:01	177	177		Air Relief Valve (ARV)/ Blow-Off Valve (BOV)	Force Main

The current report was generated with data as of: Thursday, October 17, 2024