



California Integrated Water Quality System Project (CIWQS)

Spill Public Report – Facility Performance

Following is a facility performance report for the selected agency:

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

- County (Sacramento)
- Collection System (Sacramento Area Sewer District CS)

Please see the [glossary of terms](#) for explanations of the search results column headings. [More information about the report is found at the bottom of this page.](#)

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General Information						
Region	Place ID	Place Name	Place Type	Place Address	Place County	
5S	630675	Sacramento Area Sewer District CS	Collection_System	10545 Armstrong Mather, CA, 95655	Sacramento	

-	<u>Collection System Spill Performance Information</u>
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Agency Performance

Collection System Performance

	Collection System	State	Region
Spill Rate Per 100 Miles for Category 1 (#spills/100mi/yr)	0.44	0.63	0.65
Volume Rate Per 100 mi for Category 1 (Vol/100mi/Yr)	7,236	10,564	11,418
Spill Rate Per Capita for Category 1 (#spills/Capita/yr)	0.000019	0.000025	0.000024
Volume Rate Per Capita Category 1 (Vol/Capita/Yr)	0.31	0.42	0.42
Spill Rate Per 100 Miles for Category 2 (#spills/100mi/yr)	203	2.40	11.4
Volume Rate Per 100 mi for Category 2 (Vol/100mi/Yr)	546.82	197.48	475.09
Spill Rate Per Capita for Category 2 (#spills/Capita/yr)	0.0014	0.0001	0.0004
Volume Rate Per Capita Category 2 (Vol/Capita/Yr)	0.024	0.008	0.018
Spill Rate Per 100 Miles for Category 1 – Laterals ⁽¹⁾ (#spills/100mi/yr)	0.03	N/A	N/A
Spill Rate Per 100 Miles for Category 1 –Mainlines ⁽²⁾ (#spills/100mi/yr)	0.38	N/A	N/A
Volume spilled per 100 Miles for Category 1 - Laterals (gal/100mi/yr)	6.59	N/A	N/A
Volume not recovered per 100 Miles for Category 1 - Laterals (gal/100mi/yr)	-	N/A	N/A
Volume spilled per 100 for Category 1 -Mainlines (gal/100mi/yr)	1,222	N/A	N/A
Volume not recovered per 100 for Category 1 -Mainlines1(gal/100mi/yr)	354	N/A	N/A
Spill Rate Per 100 Miles for Category 2 - Laterals (#spills/100mi/yr)	71.3	N/A	N/A
Spill Rate Per 100 Miles for Category 2 -Mainlines (#spills/100mi/yr)	4.3	N/A	N/A
Volume spilled per 100 Miles for Category 2 - Laterals (gal/100mi/yr)	539.0	N/A	N/A
Volume not recovered per 100 Miles for Category 2 - Laterals (gal/100mi/yr)	142.6	N/A	N/A
Volume spilled per 100 for Category 2 -Mainlines (gal/100mi/yr)	597.1	N/A	N/A
Volume not recovered per 100 for Category 2 -Mainlines1(gal/100mi/yr)	75.6	N/A	N/A

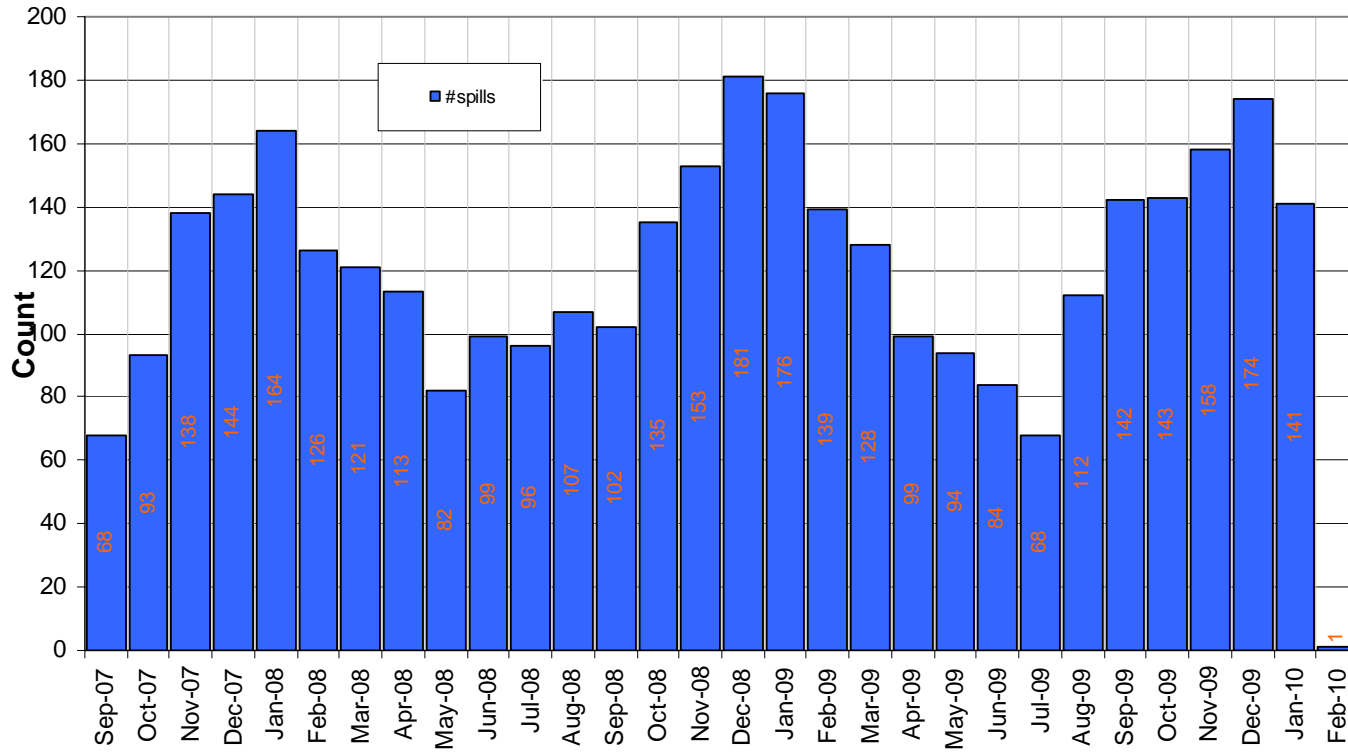
(1) Miles of forced mains and other pressure systems, and miles of gravity sewers the agency is responsible for

(2) Miles of laterals the agency is responsible for (None, Lower Only, Upper/Lower)

(3) For Criteria used and term definitions refer to the [SSO Glossary of Terms](#)

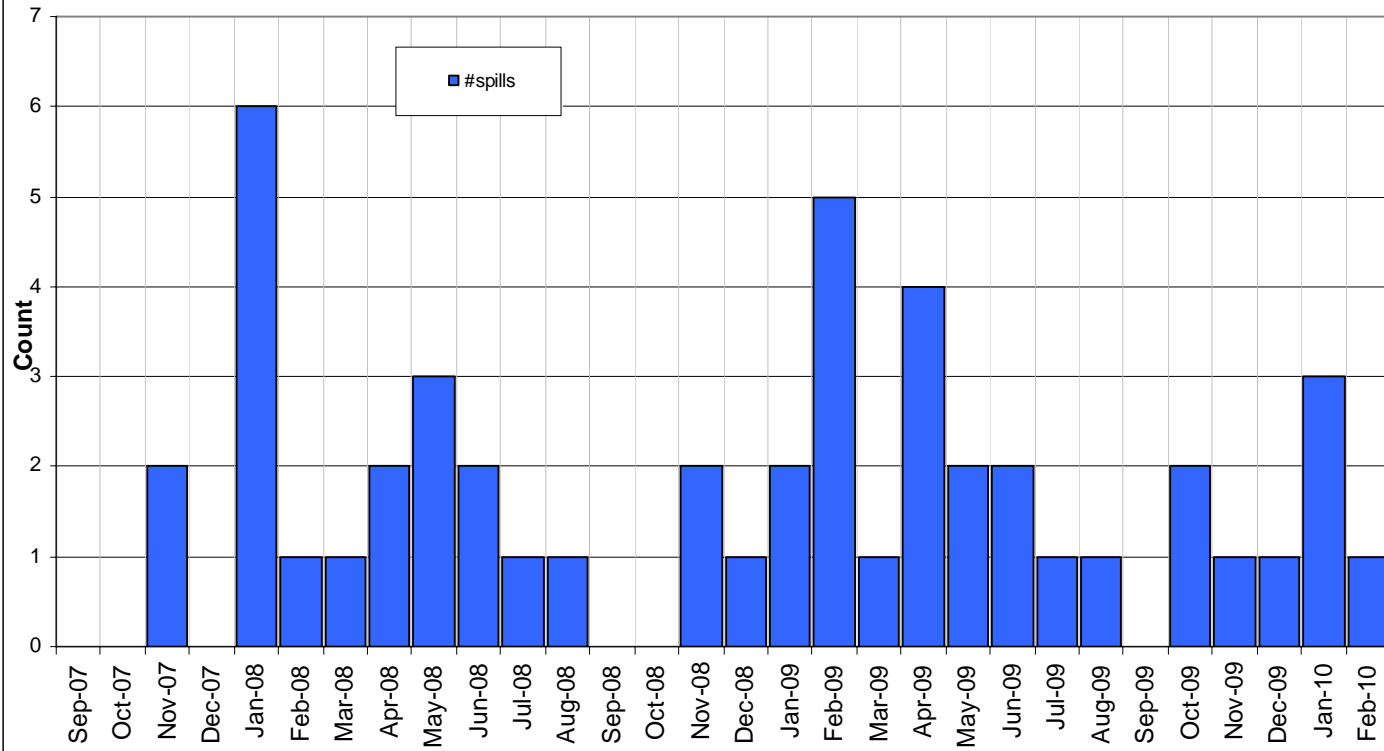
Spills by Category (Cat 1, Cat 2): Sacramento Area Sewer District CS

Cat1 + Cat 2 Spills

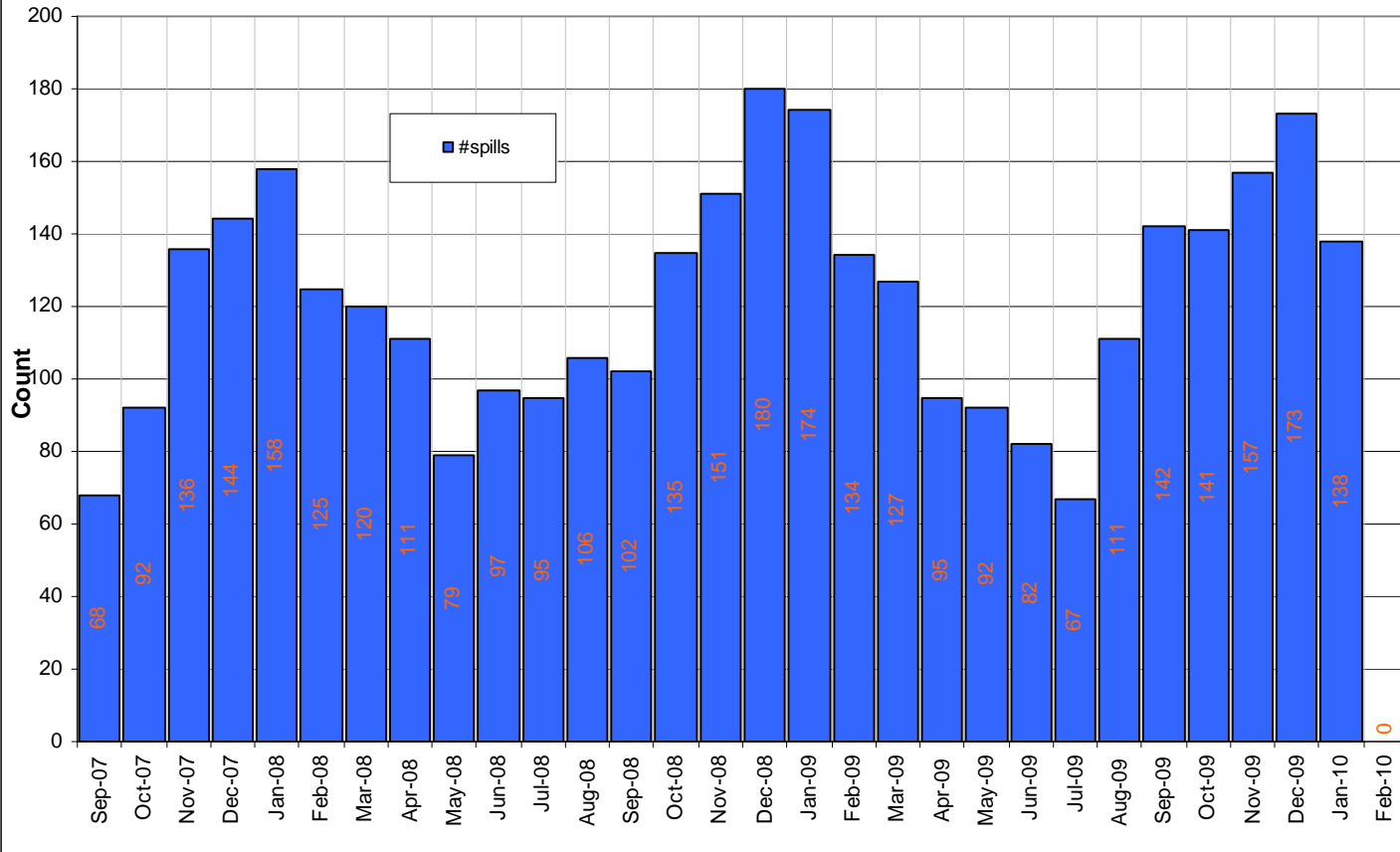


[Compare to Region and State](#)

Cat1 Spills

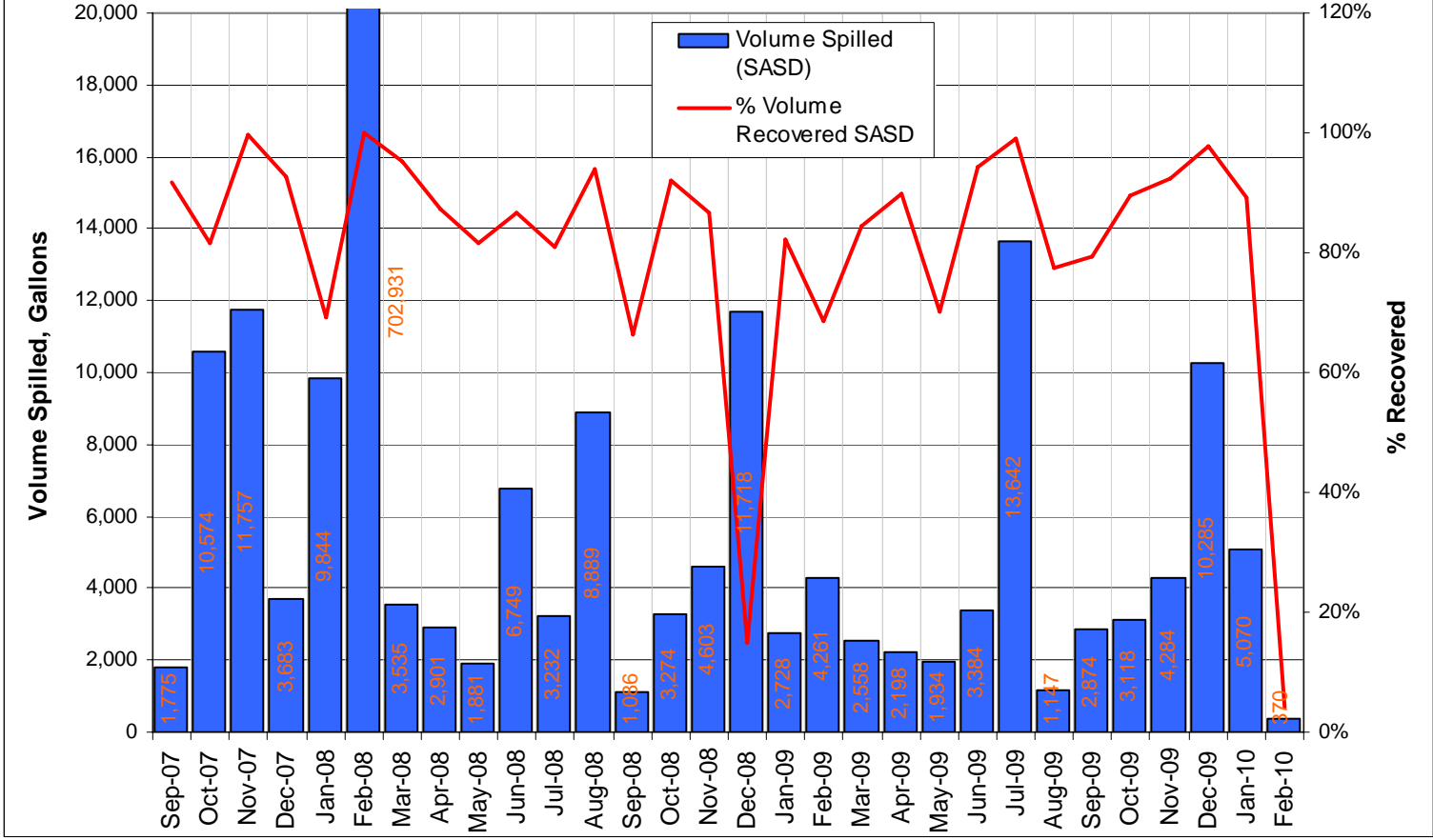


Cat 2 Spills



[Volume Spilled and % Recovered: Sacramento Area Sewer District CS](#)

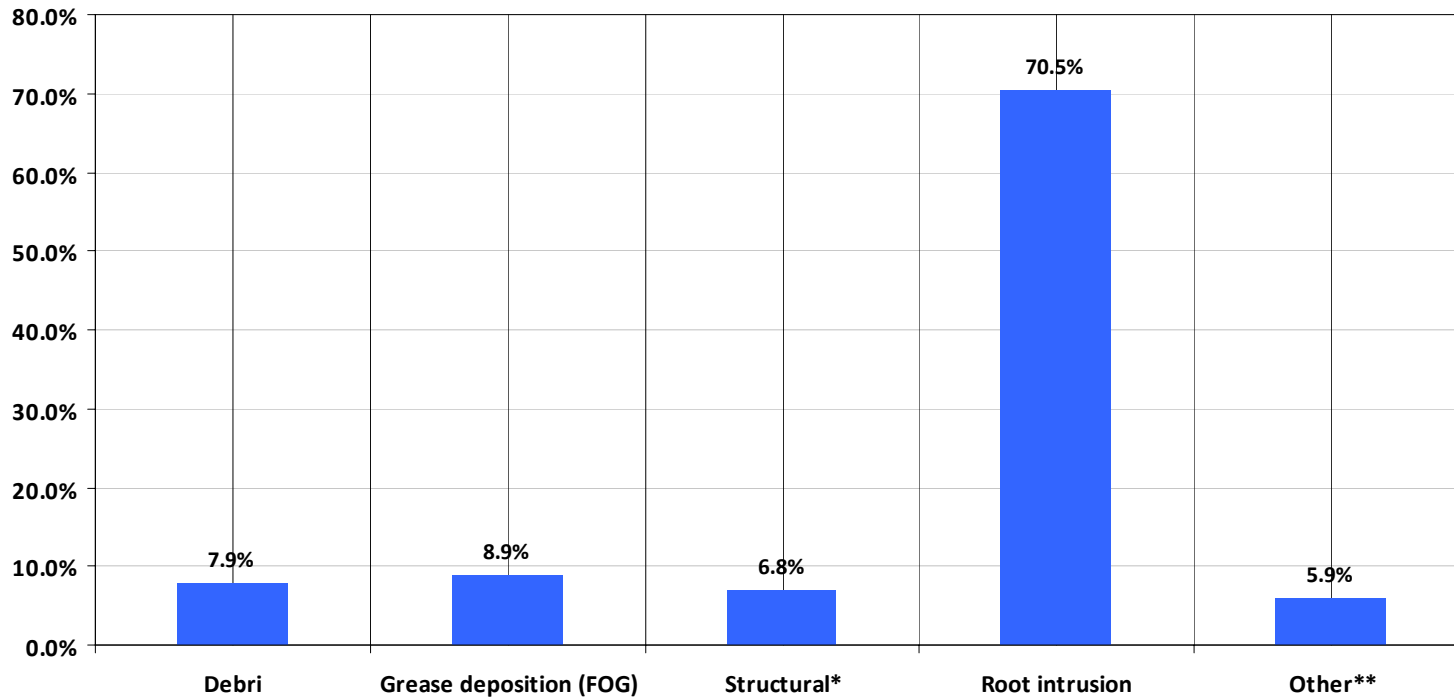
Volume Spilled and % Volume Recovered



[Compare to Region and State](#)

Spill Causes: Sacramento Area Sewer District CS

Number and Percentage of Total Number of SSO Spills by Cause



[Compare to Region and State](#)

* Structural includes - Flow exceeded capacity, Pipe structural problem/failure, Pump station failure

**Other includes - Other (combined causes), Vandalism, Rainfall exceeded design, Operator error, damage by others (e.g. contractors).

Note:

* Structural includes - Flow exceeded pipe capacity, Pipe structural problem/failure, Pump station failure

**Other includes - Other (combined causes), Vandalism, Rainfall exceeded design, Operator error, damage by others (e.g., contractors).



Collection System Program Participation Performance

[Program Participation: Sacramento Area Sewer District CS](#)



Spill Reporting and Certification Performance

Category 1	
% Reported in 3 Days	N/A
% Certified in 15 Days	91%
Average Certification Time (days)	14
Average Spill Duration (hrs)	2:45
Average Response Time (Hrs)	0:46
Category 2	
% Reported and Certified within 30 days of Spill	94%
Average Certification Time (days)	31
Average Spill Duration (hrs)	3:55
Average Response Time (Hrs)	7:58

No-Spill Certification Performance	
% Missed No-Spill Certifications	0%
# of Missed No-Spill Certifications	0%
# of Erroneous No-Spill Certifications	0%

Category 1 Spill Notification Performance	
OES Average Notification Time (hrs)	5:03
County Health Average Notification Time (hrs)	5:39
RB Average Notification Time (hrs)	3:21
# of OES Notifications Missed	0
# of County Health Notifications Missed	0
# of RB Notification s Missed	0
Note*: Only applies to Category 1 spills	

Collection System Information

Agency information: Sacramento Area Sewer District CS

Collection System Information

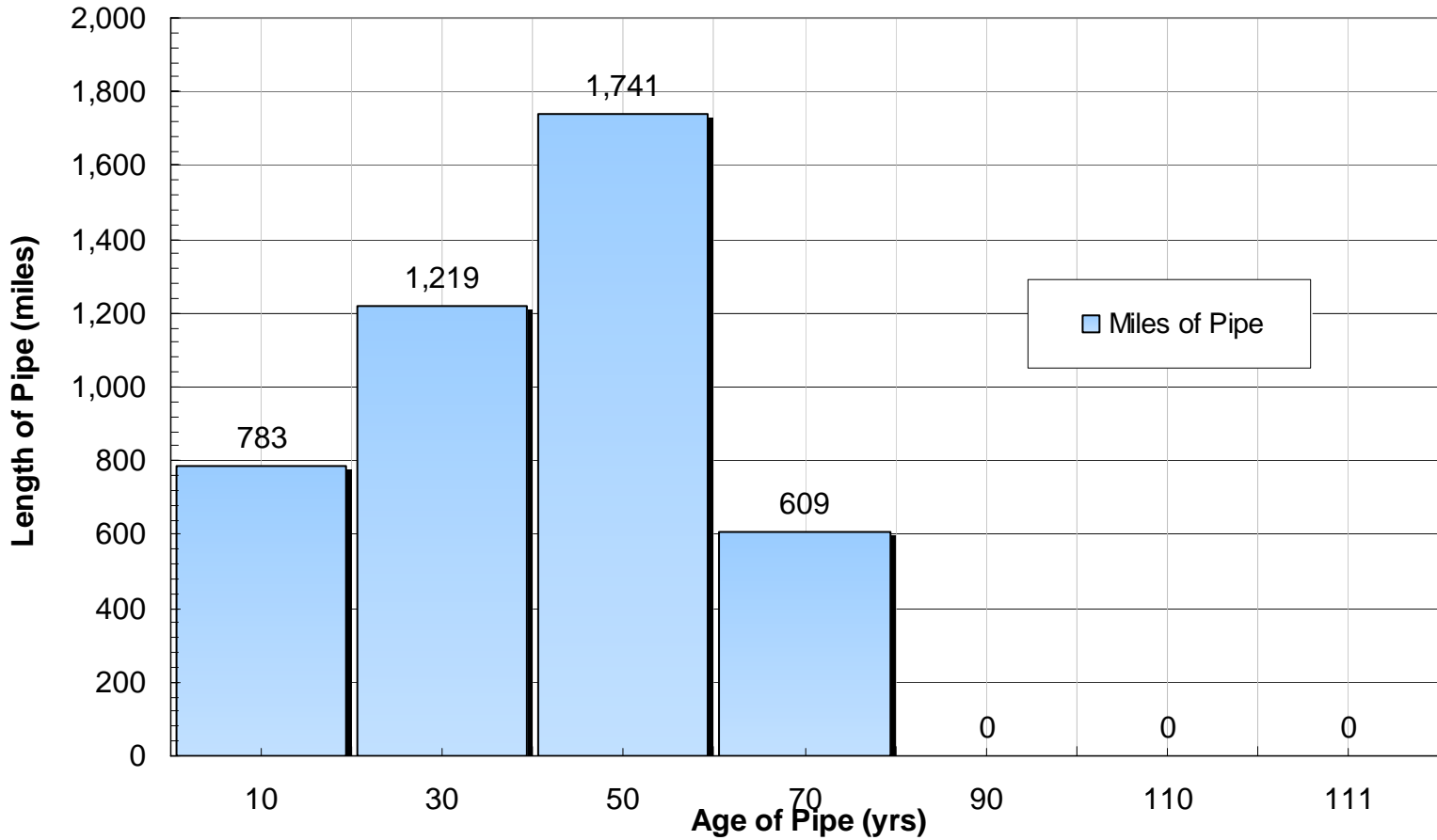
STATUS	Active
LAST UPDATED ON	12/28/2009
POPULATION SERVED	1,005,000
ANNUAL O M BUDGET	\$79,882,919
ANNUAL CAPPITAL EXPENDITURE BUDGET	\$24,090,020
ENTRY LEVEL (LESS THAN 2 YEARS EXPERIENCE)	25
Journey Level (Greater than or equal 2 years experience)	145
SUPER INDIVIDUALS	22
MANAGE INDIVIDUALS	9
GRADE I MAINT	0
GRADE I PLANT	0
GRADE II MAINT	2
GRADE II EI	0
GRADE II MECHANICAL	0
GRADE III MAINT	1
GRADE III EI	0
GRADE III MECHANICAL	0
GRADE IV MAINT	9
GRADE IV EI	0
GRADE IV MECHANICAL	0
MILES OF FORCE MAIN	52
MILES OF GRAVITY SEWER	3,000
MILES OF LATERALS	2,500
PORTION OF LATERALS RESPONSIBLE	Lower
MILES OF LATERALS RESPONSIBLE	1300
NO SERVICE LATERAL	316,000
CONSTRUCTED 2000 CURRENT	18%
CONSTRUCTED 1980 1999	28%
CONSTRUCTED 1960 1979	40%
CONSTRUCTED 1940 1959	14%
CONSTRUCTED 1920 1939	0%
CONSTRUCTED 1900 1919	0%
CONSTRUCTED BEFORE 1900	0%

INACCESSIBLE SEWER MILES	232
SEWER CLEAN PRODUCTION	729
GRAVITY SEWER INSPECTION	119

Collection System Performance			
Parameter	Collection System	State	Region
Annual O&M Budget per Mile (\$/Mile)	\$18,355	\$8,051	19,308
Annual O&M Budget per Capita (\$/Capita)	\$79	\$32	\$71
System Cleaned Per Year (% System/yr)	16.8%	37.5%	26.3%
System Inspected Per Year (% System/yr)	2.7%	11.5%	11.4%
Population Density (Population/Mile)	231	251	271
Personnel Per Mile (Population/Mile)	0.05	0.10	0.16

Pipe Age Information: Sacramento Area Sewer District CS

Publicly Owned Sewer Pipe Age Distribution



[Compare to Region and State](#)

SSMP Information: Sacramento Area Sewer District CS

Sewer System Management Plan (SSMP)	
Task and Associated Section	Date Completed
Development Plan and Schedule	June 13, 2007
Section I - Goal	November 2, 2007

Section II - Organization	November 2, 2007
Section III - Legal Authority	October 30, 2008
Section IV - Operation & Maintenance Program	October 30, 2008
Section V - Design & Performance Provisions	April 24, 2009
Section VI - Overflow Emergency Response Plan	October 30, 2008
Section VII - FOG Control Program	October 30, 2008
Section VIII - System Evaluation & Capacity Assurance Plan	April 24, 2009
Section IX - Monitoring, Measurement, and Program Modifications	April 24, 2009
Section X - SSMP Program Audits	April 24, 2009
Section XI - Communication Program	April 24, 2009
Complete SSMP Implementation	April 24, 2009

General discussion of facilities and factors

It is important to review SSO reports in detail to determine if individual sewage discharge locations share a common underlying failure or cause when assessing the performance of Enrollees and their sanitary sewer systems through SSO events. This is because it is the failures that are the ultimate problem which the Enrollees should be making all reasonable efforts to prevent.

The current report was generated with data as of: Sunday, July 11, 2010 Regional Boards are in the process of entering backlogged data. As a result, data may be incomplete. Reports are constructed from all entered data as of the close of business the previous day.