

GROUP: SANITARY SEWER OVERFLOWS
(Collection Systems)

MEASURE: FACILITIES REGULATED
NUMBER OF SPILLS REPORTED

MESSAGE: *Approximately 57% of the regulated collection systems did not report a sewage spill in FY 09-10*

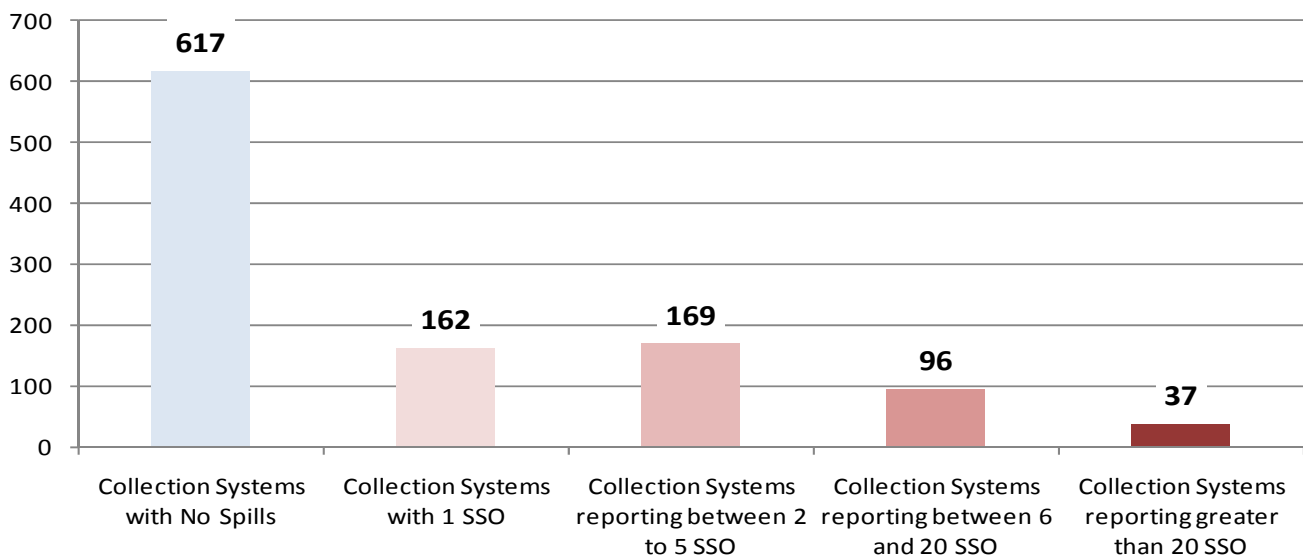
KEY STATISTICS FOR FY 2009-10

FACILITIES WITH NO SPILLS: 617
FACILITIES WITH MORE THAN 15 SPILLS : 133

MEASUREMENTS:

Region	FACILITIES REGULATED UNDER SSO PROGRAM	Facilities With No SPILLS REPORTED	Number of Total Sewage Spill Events During FY 09-10	Number of Facilities Reporting One Sewage Spill	Gallons Spilled for Facilities with 1 or less SSO	Number of Facilities Reporting Between 2 and 5 SSO	Gallons Spilled for facilities reporting Between 2 and 5 SSO	Number of Facilities Reporting More than 15 SSO	Gallons Spilled for facilities reporting more than 15 SSO
1	66	38	90	13	14,636	11	151,889	4	17,687
2	123	29	1,725	16	16,407	26	62,257	52	14,494,215
3	104	60	198	18	7,323	17	81,689	9	70,081
4	148	76	429	28	25,650	30	379,394	14	181,160
5F	150	119	151	16	59,977	9	7,075	6	177,484
5R	53	37	47	7	38,880	7	31,353	2	6,042
5S	196	124	2,087	24	83,118	25	3,142,449	23	334,242
6A	22	13	28	6	750	1	25,600	2	3,125
6B	47	33	64	6	9,030	6	87,033	2	28,154
7	34	23	22	7	1,355,600	3	78,160	1	10,664
8	89	46	194	13	32,539	18	38,402	12	422,083
9	49	19	145	8	4,690	16	2,389,230	6	179,902
TOTAL	1,081	617	5,180	162	1,648,600	169	6,474,531	133	15,924,839

Facilities Regulated Under the SSO program by Number of Spill Events



WHAT THE MEASURE IS SHOWING:

The data shows that 133 facilities reported approximately 66% of the total volume spilled. The data also shows that a large percentage of collection systems regulated did not report any spill during the fiscal year.

WHY THIS MEASURE IS IMPORTANT:

SSOs often contain high levels of suspended solids, pathogenic organisms, toxic pollutants, nutrients, oil, and grease. Typical consequences of SSOs include the closure of beaches and other recreational areas, inundated properties, and polluted rivers and streams. This measure tracks the reporting required by the Statewide Sanitary Sewer Order and will help to determine if the sewer system management plans (SSMP), also required by the order, are contributing to a reduction in the number of SSO events.

TECHNICAL CONSIDERATIONS:

- Data source: CIWQS. Period July 1, 2009 to June 30, 2010. Extracted on July 2010.
- Unit of Measure: Average Number of Spills per 100 miles: Measures the number of sewer overflows per 100 miles of sewer lines. Average Volume of Spills per 100 miles: Measures the volume in gallons of sewer overflows per 100 miles of sewer lines.
- Data Definitions: **Sanitary Sewer:** A pipe or conduit (sewer) intended to carry wastewater or water-borne wastes from homes, businesses, and industries to the POTW. **Sanitary Sewer Overflows (SSO):** Untreated or partially treated sewage overflows from a sanitary sewer collection system.
- References: More information on the Sanitary Sewer Overflow Reduction program is available at: http://www.waterboards.ca.gov/water_issues/programs/sso/index.shtml
- The Sanitary Sewer Overflows Incident Map is available at http://www.waterboards.ca.gov/water_issues/programs/sso/sso_map/sso_pub.shtml
- The Interactive SSO report: https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportAction=criteria&reportId=sso_main

GLOSSARY:**Sanitary Sewer Overflow**

A sanitary sewer overflow (SSO) is any overflow, spill, release, discharge or diversion of untreated or partially treated wastewater from a sanitary sewer system. SSOs do not include overflows from blockages or other problems within a privately owned lateral.

Sanitary Sewer Overflow Reduction Program

In May, 2006, the State Water Board adopted a Statewide Sanitary Sewer Order ([ORDER NO. 2006-0003-DWQ](#)) to address the issue of SSOs in a consistent and uniform manner statewide. Through the order, California became the first state in the nation to implement a program focused on the regulation of sanitary sewer systems. Sanitary sewer system agencies covered under the order, referred to as Enrollees, are required to report all SSOs for which their agency has responsibility into the State Water Board's SSO database. Enrollees are also able to report sewage discharges from privately owned laterals or collection systems, for which the Enrollee has knowledge of the event but is not responsible, on a voluntary basis..