

ELEMENT 9 - MONITORING, MEASUREMENT & PROGRAM MODIFICATIONS

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

9.1 Regulatory Requirements

WDR Order No. 2006-0003-DWQ Section D.13(ix) states:

The Enrollee shall:

- (a) Maintain relevant information that can be used to establish and prioritize appropriate SSMP activities;
- (b) Monitor the implementation and, where appropriate, measure the effectiveness of each element of the SSMP;
- (c) Assess the success of the preventative maintenance program;
- (d) Update program elements, as appropriate, based on monitoring or performance evaluations; and
- (e) Identify and illustrate SSO trends, including: frequency, location, and volume.

9.2 Establishing and Prioritizing SSMP Activities [WDR D.13(ix)(a)]

Table 9-1 outlines the relevant information maintained by the City to establish and prioritize appropriate SSMP activities:

Table 9-1: SSMP Implementation Management

SSMP Element	SSMP Information
1. Goal	This SSMP Element contains the City’s goals for the operation, maintenance, and management of the sanitary sewer collection system, which provide focus to help reduce SSOs and mitigate SSOs that do occur.
2. Organization	A table containing names, job titles, roles, responsibilities, and contact information is contained in this SSMP Element, which allows the public, staff, and regulators to directly contact the person most knowledgeable for each aspect of the SSMP Program. An organization chart shows lines of authority.
3. Legal Authority	Appendices to this SSMP Element contain the complete City Ordinances governing the sewer collection and conveyance system.

SSMP Element	SSMP Information
4. Operation and Maintenance Program	Appendices to this SSMP Element document the sanitary sewer system operation and maintenance activities, which are utilized to develop the City's Rehabilitation and Replacement Plan. Appendices include O&M forms, equipment and replacement part inventories, and the CIP and associated funding mechanisms.
5. Design and Performance Provisions	Appendices to this SSMP Element include City Design Standards and Specifications.
6. Overflow Emergency Response Plan	Appendices to this SSMP Element will include emergency operations procedures, staff contact information, mandatory SSO reporting information, and response and mitigation programs.
7. FOG Control Program	A summary report documenting annual FOG Program results will be included in the appendix to this element starting in 2017.
8. System Evaluation and Capacity Assurance Plan	This SSMP Element references the August 2010 Sanitary Sewer Collection System Master Plan included as an attachment in Element 4. The 2010 Master Plan conducted hydraulic analyses and evaluation of the City's four (4) pump stations. There are three (3) existing capacity related concerns that require capital improvements. The City will review annual SSO data for any wet or dry weather capacity related issues.
9. Monitoring, Measurement, and Program Modifications	This SSMP Element will be updated annually with the number of SSOs that occur and their causes in a calendar year. This is the most important trend to document and the reason for the SSMP. (See Table 9-2 of this section)
10. SSMP Program Audits	SSMP Audit Reports will be appended to this SSMP Element when they are generated; the next audit is due on or before August 2, 2017 .
11. Communication Program	Appendices to this SSMP Element contain examples of public outreach articles, flyers and pertinent City of Hollister website addresses, as well as meeting agendas, pertinent Council reports and minutes from

meetings with stakeholders.

9.3 SSMP Implementation Monitoring [WDR D.13(ix)(b)]

The City's Associate Engineer (Utilities) is responsible for overall management of this Element of the SSMP:

9.3.1 Element 1 – Goals

The City's Associate Engineer (Utilities) is responsible for monitoring the implementation of this SSMP Element. The City's sanitary sewer system goals will be evaluated and progress toward meeting these goals will be measured on an annual basis. The Associate Engineer (Utilities) will submit a staff report to the City Council on an annual basis to communicate the City's progress toward achieving these goals and implementing the SSMP. Copies of these reports will be included in Appendix 9B.

9.3.2 Element 2 – Organization

The City's Associate Engineer (Utilities) is responsible for monitoring the implementation of this SSMP Element. The organization charts will be reviewed and revised annually. The SSO response and notification process will be reviewed and revised annually with City staff to increase its effectiveness.

9.3.3 Element 3 – Legal Authority

The City's Associate Engineer (Utilities), Department Head and City Attorney is responsible for monitoring the implementation of this SSMP Element and the effectiveness of the City legal authorities in preventing SSOs. Information gathered will be documented annually for consideration in updates to the City Municipal Codes.

As of this revision to the SSMP the City maintains the Legal Authorities stated by WDR Section D.13(iii) with the exception of the right to operate and maintain sewer laterals. The City does not currently own any laterals except to City-owned properties and, therefore, does not require the legal authorities to operate and maintain laterals to private properties.

9.3.4 Element 4 – Operation and Maintenance Program

The City's Associate Engineer (Utilities) is responsible for monitoring the implementation of this SSMP Element, which is to be reviewed and revised annually.

Operation and Maintenance activities are tracked in the City's work history logs. The results of routine maintenance will be tracked and assessed annually.

SSMP Element 4 – Operation and Maintenance Program includes funding and identification of fiscal year capital projects. Progress towards funding and completion of the short and long term capital projects beyond Fiscal Year 2016/17 and beyond will be tracked in this Element.

The City plans to develop a formal training program that incorporates future and existing operation, maintenance, and safety procedures. Annual training on all procedures and SSMP Element 4 – Operation and Maintenance Program will be conducted with City Staff and any contractors implementing portions of SSMP Element 4 – Operation and Maintenance Program. Training will be documented and tracked by the City.

9.3.5 Element 5 – Design and Performance Provisions

The City Engineer is responsible for monitoring the implementation of this SSMP Element. The City of Hollister develops design and construction standards and specifications specific to the projects the City undertakes, such as the individual standards and specifications created and utilized for the City's CIP.

For routine repair work the City uses Standard Plans and Provisions included as Appendix 5A and 5B.

9.3.6 Element 6 – Overflow Emergency Response Plan

The City's Associate Engineer (Utilities) is responsible for monitoring the implementation of this SSMP Element. The City's OERP, which includes the development of emergency response procedures, once developed these procedures will be reviewed and revised on an annual basis by the Associate Engineer and Utilities Supervisor.

If a SSO occurs, the City's Associate Engineer (Utilities) will evaluate the effectiveness of the OERP to determine whether any modifications need to be made to the procedures and protocol contained in the OERP and make the revisions needed to improve the effectiveness of the City's SSO response and notification processes.

9.3.7 Element 7 – FOG Control Program

The Utilities Supervisor is responsible for monitoring the implementation of this SSMP Element and its effectiveness at reducing SSOs on an annual basis and reporting these results to the Associate Engineer (Utilities).

FOG Program changes necessitated by an increase in SSOs caused by FOG or an increase in number of FSE's in violation will be developed by the Utilities Supervisor with the Associate Engineer (Utilities) and decided upon by the Utilities Department Head.

9.3.8 Element 8 – System Evaluation and Capacity Assurance Plan

The City Engineer is responsible for the implementation of this SSMP Element, which is to be reviewed and revised annually with the status of CIP projects identified in the Capital Improvement Program. If dry or wet weather capacity related SSOs are encountered in the future, the City Engineer will assess the need for future flow monitoring or Sewer Master Planning Studies.

9.3.9 Element 9 – Monitoring, Measurement, and Program Modifications

The Associate Engineer (Utilities) is responsible for the implementation of this SSMP Element, which is to be reviewed and revised annually as necessary. The review and revisions are to be documented on the revision record, which is the first page of each element. The metrics contained in this SSMP Element are important tools in the determination of what tasks and projects contained in each element are a priority from fiscal year to fiscal year.

9.3.10 Element 10 – SSMP Program Audits

The Associate Engineer (Utilities) or their designee is responsible for assuring the next SSMP Audit is conducted and completed prior to the **August 2, 2017** deadline and continuously on a two year interval following this date.

SSMP Audits should be conducted with cooperation of all of the management, administrative, and maintenance, positions responsible for implementing specific measures in the SSMP program. When conducting the SSMP Audit, City Staff must evaluate the effectiveness of each element of the City's SSMP and the effectiveness of the City in implementing the directives in each Element. A comprehensive, effective review of the City's SSMP must be documented in a SSMP Audit Report.

Upon the completion of the next SSMP Audit, which is due May 2, 2017, the City must evaluate the effectiveness of the SSMP Audit and the manner in which it was performed in this SSMP Element.

9.3.11 Element 11 – Communication Program

The Associate Engineer, Utilities is responsible for the implementation of this SSMP Element, which is to be reviewed and revised annually as necessary. Revisions must include examples of public outreach articles, flyers and pertinent City website addresses, as well as meeting agendas and minutes from meetings with stakeholders.

The City in communication with the operators of the domestic and industrial WWTP on a regular basis. Wastewater flow information is communicated daily between City operators; in addition to communicating, planning, scheduling and coordinating related maintenance activities in both facilities and the sewer collection system that serves both.

9.4 Preventative Maintenance Program Assessment [WDR D.13(ix)(b)]

The City's Preventative Maintenance Program includes CCTV inspection, cleaning, visual manhole inspection, Lift Station maintenance, FOG Control, and HMA identification and maintenance. The City will review these operation and maintenance practices annually and compare them with annual SSO records. A summary of corrective actions for operations and maintenance will be developed annually in an attempt to reduce the causes of SSOs occurring in the associated calendar year.

9.5 SSMP Updates [WDR D.13(ix)(d)]

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

At a minimum, the City will review and revise the SSMP annually. The Associate Engineer (Utilities) is responsible for revising and maintaining the SSMP. A revision record will be maintained to track changes.

9.6 SSO Trends [WDR D.13(ix)(e)]

The trends in the City of Hollister's SSOs for 2010 through 2015 are illustrated in Table 9-2. The cause categories identified in Table 9-2 are the causes available for use in the SSO Report in California Integrated Water Quality System (CIWQS). City Staff is responsible for determining which cause category is appropriate for each SSO when the SSO is reported in CIWQS.

Table 9-2: City of Hollister SSOs per Indicator per Year

Indicator		2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
No. of SSOs		8	6	6	4	7	5				36
Locations with Multiple SSOs		0	0	0	0	0	0				0
Volume (gal)	Volume	630	195	68	176	190	495				1754
	Volume Recovered	400	0	0	106	190	495				1191
	Volume Reached Surface Water	0	0	0	0	0	0				0
Causes	Debris - Construction	1	0	0	0	0	0				1
	Debris – General	0	0	0	0	0	0				0
	Debris – Rags	0	0	0	0	0	1				1
	Flow Exceeded Capacity	0	0	0	0	0	0				0
	FOG	7	6	6	4	7	4				34
	Operator Error	0	0	0	0	0	0				0
	Other	0	0	0	0	0	0				0
	Pipe Structural Problem/Failure	0	0	0	0	0	0				0
	Pump Station Failure	0	0	0	0	0	0				0
	Rainfall Exceeded Design	0	0	0	0	0	0				0
	Root Intrusion	0	0	0	0	0	0				0
Vandalism	0	0	0	0	0	0				0	

Appendix 9A contains the CIWQS report of the SSO history from January 2010 to December 2015 and the Collection System Operation Report for the same time frame.

Based on the historical data shown in Table 9-2 above, the sources of City SSOs are as follows:

- 92% of the City’s SSOs are the result of Fats, Oils and Grease (FOG),
- 5% are the result of Debris and
- 3% are the result of Root Intrusion.

The City expects to identify and work towards strategies to reduce the number of SSOs experienced on an annual basis based on the causes identified above through proactive Operations and Maintenance and the Implementation of a FOG Control Program. This Table will be updated annually to track the City's SSO related data and to assist the City in prioritizing SSO reduction strategies.

APPENDIX 9A

CIWQS Data

COLLECTION SYSTEM OPERATIONAL REPORT

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.](#)

General Information

Region	Place ID	Place Name	CS Category	Place Address	Place County
3	644755	Hollister Municipal Sewer System CS	Municipal (Public)	375 Fifth Hollister, CA, 95023	San Benito

Collection System Spill Summary

Operational Indices: Hollister Municipal Sewer System CS

	Spill Rate Index (#spills/100mi/yr)								
	Category 1			Category 2			Category 3		
	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified
Hollister Municipal Sewer System CS	0.0	N/A	0.0	0.0	N/A	0.0	5.4	N/A	0.0
State Municipal (Public) Average	1.9	N/A	0.81	0.8	N/A	0.73	4.25	N/A	1.14
Region Municipal Average	1.93	N/A	2.49	0.94	N/A	1.43	3.78	N/A	1.78

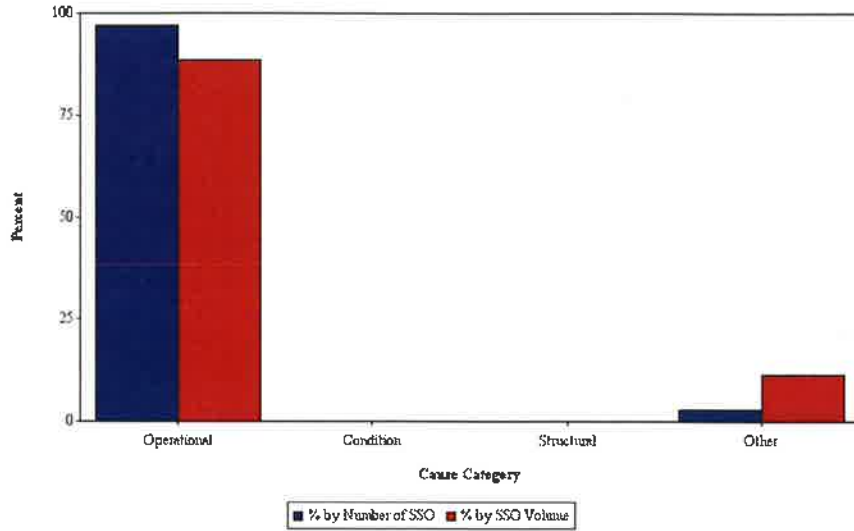
	Net Volume Spills Index (Net Vol in gallons/1000 Capita/yr)								
	Category 1			Category 2			Category 3		
	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified
Hollister Municipal Sewer System CS	0.0	N/A	0.0	0.0	N/A	0.0	2.09	N/A	0.0
State Municipal (Public) Average	949.07	N/A	1798.99	425.2	N/A	320.57	26.1	N/A	6.13
Region Municipal Average	253.23	N/A	254.96	2312.69	N/A	974.49	16.86	N/A	19.2

Note: Click on hyperlinks to get comparison charts for CS, Region, and State grouped by 'Miles Of Pipe'.

- (1) The number of Category 1, 2 and 3 SSOs resulting from a failure in the Enrollee sewer system per 100 miles sewer system owned by the Enrollee per year
- (2) Net Volume (volume spilled minus volume recovered) of SSOs, for which the reporting Enrollee is responsible, per capita (i.e. the population served by your agency's sanitary sewer system), per year
- (3) Value calculated using miles of force mains and other pressure systems and miles of gravity sewers the agency is responsible for.
- (4) Value calculated using miles of laterals the agency is responsible for (Lower Only, Upper/Lower). For collection systems with no lateral responsibility a N/A is shown.
- (5) Value Calculated using total miles of collection system pipe the agency is responsible for
- (6) Comparison made between similar collection systems type (e.g. municipal) and lateral responsibility for the entire state over the selected time period. Comparison indices are calculated for all similar collection systems and averaged for comparison.
- (7) Comparison made between similar collection systems type (e.g. Municipal) and lateral responsibility for collection systems in same region (e.g. Region 3S). Collection system indices are calculated for all similar collection systems and averaged for comparison. For airport, hospital, marinas, military, park, port, prison, school, and other collection systems facilities, only state comparison is shown.
- (8) For Criteria used and term definitions refer to the SSO Glossary of Terms.

Percentage of total Number and Volume of SSOs by Spill Cause

Collection System: Hollister Municipal Sewer System CS



Percentage of total Volume of SSOs by Spill Cause

Operational: Debris from Construction, Debris from Lateral, Debris-General, Debris-Rags, Grease Deposition (FOG), Root Intrusion, Non-Dispersible Wipes

Condition: Flow Exceeded Capacity (Separate CS Only), Natural Disaster, Rainfall Exceeded Design, I&I (Separate CS Only)

Structural: Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure, Pipe Structural Problem/Failure, Pipe Structural Problem/Failure - Installation, Pump Station Failure-Controls, Pump Station Failure-Mechanical, Pump Station Failure-Power, Siphon Failure



Hollister Municipal Sewer System CS



83.6% Operational 0% Condition 0% Structural 11.4% Other



Region 3



State of California

Percentage of total Number of SSOs by Spill Cause

Operational: Debris from Construction, Debris from Lateral, Debris-General, Debris-Rags, Grease Deposition (FOG), Root Intrusion, Non-Dispersible Wipes

Condition: Flow Exceeded Capacity (Separate CS Only), Natural Disaster, Rainfall Exceeded Design, I&I (Separate CS Only)

Structural: Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure, Pipe Structural Problem/Failure, Pipe Structural Problem/Failure - Installation, Pump Station Failure-Controls, Pump Station Failure-Mechanical, Pump Station Failure-Power, Siphon Failure



Hollister Municipal Sewer System CS



Region 3



State of California



Collection System Questionnaire Data(*)

Collection System Information: Hollister Municipal Sewer System CS

	Active
Status	Active
Last Updated On	2016-01-17 19:12:32.0
Population Served	40,300
Miles of Force Main	8
Miles of Gravity Sewer	89.8
Miles of Laterals	210
Portion of Laterals Responsible	none
Miles of Laterals Responsible	0
Number of Service Lateral Connection	8864
Sewer Constructed 2000 Current	2
Sewer Constructed 1980 1999	50
Sewer Constructed 1960 1979	20
Sewer Constructed 1940 1959	20
Sewer Constructed 1920 1939	8
Sewer Constructed 1900 1919	0
Sewer Constructed Before 1900	0
Inaccessible Sewer (Miles)	0
Sewer Clean Production (Miles/Yr)	12.7
Gravity Sewer Inspection (Miles/Yr)	1.6

(*) The information presented above was provided by the Enrollees in the Collection System Questionnaire. Enrollees are required to update the questionnaire information at least once a year; therefore, the information presented above may not be the most current.



Sewer System Management Plan (SSMP) Completion (*)

SSMP Information: Hollister Municipal Sewer System CS

Task and Associated Section	Completed
Development Plan and Schedule	Yes
Section I - Goal	Yes
Section II - Organization	Yes
Section III - Legal Authority	Yes
Section IV - Operation & Maintenance Program	Yes
Section V - Design & Performance Provisions	Yes
Section VI - Overflow Emergency Response Plan	Yes
Section VII - FOG Control Program	Yes
Section VIII - System Evaluation & Capacity Assurance Plan	Yes
Section IX - Monitoring, Measurement, and Program Modifications	Yes
Section X - SSMP Program Audits	Yes
Section XI - Contribution Program	Yes
Complete SSMP Implementation	Yes

(*) Under the Statewide General WDRs for Sanitary Sewer Systems, WQO No. 2006-0003, enrollees are required to develop and implement a written Sewer system Management Plan (SSMP) and must make it publicly available. The SSMP must be approved by the deadlines in the SSMP Time Schedule presented in the Sanitary Sewer Systems WDR.

Additional information:

- Data used for the Operational report is reported by the enrollees through the CIWQS (California Integrated Water Quality System) SSO module.
- Indices are calculated for the date range specified (default is past 4 months) and using data available since reporting was required for all enrollees as specified in the Sanitary Sewer Systems WDR. Reporting was required to begin for Regions 4,8,9 on 1/2/2007, Regions 1,2,3 on 5/2/2007, and, Regions 5,6,7 on 9/2/2007.

- Comparisons are made between similar collection systems type (e.g. Municipal), and lateral responsibility for the entire state and region. Indices are calculated for all similar collection systems and averaged for comparison.
- Category 1 and 2 spills are required to be fully certified 15 calendar days after SSO response conclusion and Category 3 spills are required to be fully certified 30 Calendar days after end of calendar month which SSO occurred. Therefore, spill records for the past approximately 60 days may be incomplete.
- Average Number of Spills per 100 miles: Measures the number of sewer overflows per 100 miles of sewer lines. Notice that these indices are strongly influenced by the length of collection system owned by the enrollee.
 - For instance, an enrollee that owns and operates a collection system of one (1) mile in length having only one (1) spill (analyzing data for ONE year) will have a Operational indice of 100.0 spills/100mi/yr. On the other hand, an enrollee that owns and operates a collection system of one hundred (100) miles in length having only one (1) spill (analyzing data for ONE year) will have a Operational indice of 1.0 spills/100mi/yr.
- Average Net Volume (volume spilled minus volume recovered) of Spills per Capita: Measures the volume in gallons of SSOs, for which the reporting Enrollee is responsible, per capita (the population served by your agency's sanitary sewer system). Where the volume recovered is greater than the volume spilled, the net volume will be considered to be zero.
- The "agency" or Enrollee listed on a SSO report is responsible for the data presented in this report and should be contacted directly for questions related to their Data.
- 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

The current report was generated with data as of: Wednesday, August 17, 2016

Facility At-A-Glance Report

SEARCH CRITERIA:

DRILLDOWN HISTORY:

Place ID 644755



General Information						
Region	Place ID	Place Name	Place Type	Place Address	Place County	
3	644755	Hollister Municipal Sewer System CS	Collection_System	375 Fifth Hollister, CA, 95023	San Benito	



Related Parties							
Party	Party Type	Party Name	Role	Classification	Relationship Start Date	Relationship End Date	
550323	Person	Pete Galvan	Is A Data Submitter For		03/06/2015		
520989	Person	Ray Rojas	Is A Data Submitter For		02/04/2010	02/16/2015	
470902	Person	Henry Gonzales	Is Onsite Manager For		05/30/2008		
357365	Person	Clay Lee	Is Onsite Manager For		12/28/2006	03/10/2015	
20485	Organization	Hollister City	Owner	City Agency	12/28/2006		

Total Related Parties: 5



Regulatory Measures								
Reg Measure ID	Reg Measure Type	Region	Program	Order No.	WDID	Effective Date	Expiration Date	Status Amended?
317766	Enrollee	3	SSOMUNILRG	2006-0003-DWQ	3SSO11408	12/28/2006		Active N

Total Reg Measures: 1



Violations								
Violation ID	Occurred Date	Violation Type	(-) Violation Description	Corrective Action	Status	Classification	Source	
944667	02/17/2013	SSOS	Grease deposition (FOG) caused 20.0 gallons of sewage to spill from Manhole at flora and san felipe rd to Separate storm drain. No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO	
929557	06/30/2012	SSOS	Grease deposition (FOG) caused 10 gallons of sewage to spill from Manhole at flora and san felipe rd to Street/curb and gutter. No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO	
926702	05/20/2012	SSOS	Grease deposition (FOG) caused 4 gallons of sewage to spill from Manhole at el toro dr and sunnyslope rd to Street/curb and gutter. No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO	
924981	04/01/2012	SSOS	Grease deposition (FOG) caused 2.0 gallons of sewage to spill from Manhole at walnut ln and powell st to Street/curb and gutter. No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO	
922633	03/18/2012	SSOS	Grease deposition (FOG) caused 45 gallons of sewage to spill from Manhole at ranchito ct. to Street/curb and gutter. No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO	
920366	02/15/2012	SSOS	Fat, Oil, and Grease deposition caused 2 gallons of sewage to spill from Manhole at memorial	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or	Violation	3	SSO	

918771	01/22/2012	SSOS	and pear hollister,ca to Street/curb and gutter. No surface water body affected. Grease deposition (FOG) caused 5 gallons of sewage to spill from Manhole at busby ct and hillcrest rd hollister,ca to Street/curb and gutter. No surface water body affected.	portion of spill to sanitary sewer system. Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO
913757	11/23/2011	SSOS	Grease deposition (FOG) caused 15 gallons of sewage to spill from Manhole at busby ct hollister,ca to Street/curb and gutter. No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO
913756	11/12/2011	SSOS	Grease deposition (FOG) caused 100 gallons of sewage to spill from Manhole at 1791 clearview dr hollister,ca to Combined storm drain (combined CS only). No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO
910458	09/22/2011	SSOS	Grease deposition (FOG) caused 5 gallons of sewage to spill from Manhole at el toro st and sunnyslope rd to Other paved surface. No surface water body affected.	Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system.	Violation	3	SSO

Report displays most recent five years of violations. Refer to the [Interactive Violation Report](#) for more data.

Total Violations: 10

Priority Violations: 0

*Click the "(+/-) Violation Description" link to expand and contract the violation description.

*As of 5/20/2010, the Water Board's Enforcement Policy requires that all violations be classified as 1, 2 or 3, with class 1 being the highest. Prior to this, violations were simply classified as Yes or No. If a 123 classification has been assigned to a violation that occurred before this date, that classification data will be displayed instead of the Yes/No data.

Violation Types

SSOS = Sanitary Sewer Overflow/Spill/



Enforcement Actions

<u>Enf id</u>	<u>Enf Type</u>	<u>Enf Order No.</u>	<u>Effective Date</u>	<u>Status</u>
---------------	-----------------	----------------------	-----------------------	---------------

Total Enf Actions: 0



Inspections

<u>Inspection ID</u>	<u>Inspection Type</u>	<u>Lead Inspector</u>	<u>Actual End Date</u>	<u>Planned</u>	<u>Violations</u>	<u>Attachment</u>
----------------------	------------------------	-----------------------	------------------------	----------------	-------------------	-------------------

Total Inspections: 0

Last Inspection: None

The current report was generated with data as of: 08/18/2016

SSO Public Report - Detail Page

Here is the detail page of your SSO public report search for the selected region, responsible agency, or collection system. These results correspond to the following search criteria:

SEARCH CRITERIA: [REFINE SEARCH]

- Collection System (Hollister Municipal Sewer System CS)
- County (San Benito)
- Region (3)
- Spill Type (sso_cact_2_3)
- Start Date (01/01/2010)
- End Date (08/17/2016)

The table below presents important details for all sewage discharge locations, as submitted through individual SSO reports, which meet the search criteria selected. 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 SSO report for a specific sewage discharge location, please select the corresponding EVENT ID.

DRILLDOWN HISTORY:

REGION: 3

EVENT ID	Region	Responsible Agency	Collection System	SSO Category	Start Date	SSO Address	SSO City	SSO Vol	Vol of SSO Recovered	Vol of SSO Reached Surface Water	SSO Failure Point	WDID
749373	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-01-15 16:45:00.0	powell and b st Street	hollister	5	0	0	Main	3SSO11408
753055	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-05-20 05:30:00.0			35	0	0	Main	3SSO11408
756635	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-08-04 13:00:00.0			200	100	0	Main	3SSO11408
757465	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-09-16 18:45:00.0			10	0	0	Main	3SSO11408
757466	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-09-18 22:55:00.0			20	0	0	Main	3SSO11408
758409	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-10-01 18:12:00.0			10	10	0	Main	3SSO11408
759135	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-11-15 07:30:00.0			300	300	0	Main	3SSO11408
759137	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2010-11-29 10:05:00.0			50	0	0	Main	3SSO11408
765308	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2011-03-17 17:50:00.0			10	0	0	Main	3SSO11408
765309	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2011-03-26 13:15:00.0			45	0	0	Main	3SSO11408
765315	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2011-03-17 14:45:00.0			20	0	0	Main	3SSO11408
771799	3	Hollister City	Hollister Municipal Sewer System CS	Category 3				5	0	0	Main	3SSO11408

<u>773791</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2011-09-22 06:23:00.0	100	0	0	0	Main	3SSO11408
<u>773792</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2011-11-12 10:14:00.0	15	0	0	0	Main	3SSO11408
<u>776980</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2012-01-22 12:41:00.0	5	0	0	0	Main	3SSO11408
<u>778359</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2012-02-15 08:49:00.0	2	0	0	0	Main	3SSO11408
<u>779674</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2012-03-18 11:03:00.0	45	0	0	0	Main	3SSO11408
<u>780988</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2012-04-01 20:11:00.0	2	0	0	0	Main	3SSO11408
<u>781865</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2012-05-20 11:17:00.0	4	0	0	0	Main	3SSO11408
<u>783165</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2012-06-30 10:45:00.0	10	0	0	0	Main	3SSO11408
<u>792345</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2013-02-17 07:30:00.0	20	0	0	0	Main	3SSO11408
<u>796581</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2013-08-10 10:05:00.0	100	50	0	0	Gravty	3SSO11408
<u>801789</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2013-11-21 18:35:00.0	50	50	0	0	Gravty	3SSO11408
<u>802440</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2013-12-11 08:45:00.0	6	6	0	0	Gravty	3SSO11408
<u>804424</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2014-02-09 12:30:00.0	6	6	0	0	Gravty	3SSO11408
<u>804425</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2014-02-10 04:15:00.0	10	10	0	0	Gravty	3SSO11408
<u>806826</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2014-05-24 07:25:00.0	4	4	0	0	Gravty	3SSO11408
<u>809755</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2014-09-01 12:55:00.0	10	10	0	0	Gravty	3SSO11408
<u>809757</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2014-09-04 08:00:00.0	40	40	0	0	Mainhole	3SSO11408
<u>810537</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2014-10-28 15:30:00.0	20	20	0	0	Gravty	3SSO11408
<u>812300</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2014-12-07 11:00:00.0	100	100	0	0	Gravty	3SSO11408
<u>814549</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2015-02-16 00:00:00.0	150	150	0	0	Gravty	3SSO11408
<u>814554</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2015-02-22 00:00:00.0	150	150	0	0	Gravty	3SSO11408
<u>817415</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2015-07-13 10:45:00.0	75	75	0	0	Gravty	3SSO11408
<u>820270</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2015-09-01 16:30:00.0	20	20	0	0	Lower Lateral (Public)	3SSO11408
<u>820272</u>	3	Hollister City	Hollister Municipal Sewer System CS	Category 3	2015-11-26 12:30:00.0	100	95	0	0	Gravty	3SSO11408

APPENDIX 9B

Staff Reports – SSMP Goal Progress