

# Goleta Sanitary District

## Sewer System Management Plan



**GOLETA SANITARY**  
Water Resource Recovery District

**Updated August 2018**  
**Updated January 2016**  
**Updated April 2015**  
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**Updated August, 2011**  
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**Approved and Adopted**  
**Goleta Sanitary District Board of Directors**  
**September 25, 2013**

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## Executive Summary

The Goleta Sanitary District provides sanitary sewer service for the Goleta Valley community in Santa Barbara County, California. The District owns and operates the wastewater treatment plant that has a design capacity of 9.7 MGD. The current NPDES permit, R3-2017-0012, issued by the Central Coast Regional Water Quality Control Board limits daily treatment capacity to 7.64 MGD. Current Average Daily Dry Weather flows are at approximately 4.8 MGD. The treatment plant receives and treats wastewater from the Santa Barbara Municipal Airport, UCSB, Goleta West Sanitary District and facilities of the County of Santa Barbara. The District owns and maintains approximately 130 miles of gravity sewer pipes, ranging in size from 6-inch to 36-inch diameter. The District owns and maintains two (2) lift stations. One lift station, originally built in 1957, is in a residential area and handles flows from 14 residential units. The second lift station, completed in 2010 replaced a lift station originally built in 1961, handles flows of approximately 0.1 MGD from an industrial basin and portions of the Santa Barbara Municipal Airport. There is a total of 2,300 linear feet of pressurized force main pipe from these two lift stations, 2,000' of which was installed in 2010. The sewer laterals are owned and maintained by the individual property owner.

This document presents the Goleta Sanitary District's Sewer System Management Plan (SSMP) prepared pursuant to the Waste Discharge Requirements Order No. 2006-0003 DWQ (as amended or revised), issued by the State Water Resources Control Board (SWRCB). The District's goals, organizational structure, and legal authority are described. Specific provisions, programs and plans are also described. The District strives to maintain and operate these collection system facilities in an efficient and cost-effective manner while maintaining its historical record of zero to near zero Sanitary Sewer Overflows on a continual basis.

## Abbreviations and Acronyms

The following abbreviations and acronyms, when used in this Sanitary Sewer Management Plan, shall have the designated meanings:

AB	Assembly Bill
BMP	Best Management Practice
Cal OES	California Office of Emergency Services
CCTVI	Closed Circuit Television Inspection
CFR	Code of Federal Regulations
CIP	Capital Improvement Plan, Capital Improvement Project or Capital Improvement Program
CMMS	Computerized Maintenance Management System
CSRMA	California Sanitation Risk Management Authority
CWEA	California Water Environment Association
CIWQS	California Integrated Water Quality System Online SSO Database
District	Goleta Sanitary District
DS	Data Submitter
EPA	Environmental Protection Agency
ERP	Emergency Response Plan or OERP
FOG	Fats, Oils and Grease
FSE	Food Service Establishment
GIS	Geographical Information System

GSD	Goleta Sanitary District
GWDR	General Waste Discharge Requirements or Waste Discharge Requirements (WDR)
GWSD	Goleta West Sanitary District
I/I	Inflow and Infiltration
IWC	Industrial Waste Control
LRO	Legally Responsible Official
MGD	Million Gallons per Day
mg/L	milligrams per liter
MRP	Monitoring and Reporting Program as revised September 9, 2013
MS4	Municipal Separate Storm Sewer System
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
O&M	Operation and Maintenance
Order	SWRCB Order No. 2006-0003-DWQ adopted May 2, 2006
PM	Preventive Maintenance
POTW	Publicly Owned Treatment Works
RWQCB	Regional Water Quality Control Board
SOP	Standard Operating Procedure
SSMP	Sewer System Management Plan
SSO	Sanitary Sewer Overflow
SSS WDR	Sanitary Sewer System Waste Discharge Regulation Order No. 2006-0003-DWQ adopted May 2, 2006
Spill	Sanitary Sewer Overflow
SWRCB	State Water Resources Control Board
USA	Underground Service Alert
WEF	Water Environment Federation

### **Supporting Documents**

SWRCB Order No. 2006-0003-DWQ – Statewide General Waste Discharge Regulations for Sanitary Sewer Systems  
SWRCB Order No. WQ 2013-0058-EXEC – Revised Monitoring and Reporting Program  
RWQCB NPDES Permit R3-2017-0012  
District Ordinance # 77  
Goleta Sanitary District Standard Specifications for Design and Construction of Sanitary Sewers (2008)  
Goleta Sanitary District Cleaning, Repair and Maintenance Procedures Manual  
Goleta Sanitary District FOG and Source Control Program  
Goleta Sanitary District Master Plan 2000  
Goleta Sanitary District Overflow Emergency Response Plan

**Element 1. Goals**

**Regulatory Requirement-**The WDR/SSMP requires that the goal of the SSMP provides a plan and schedule to properly manage, operate and maintain all parts of the sanitary sewer system. This will help reduce and prevent Sanitary Sewer Overflows (SSO), as well as mitigate any SSOs that do occur.

The goal of the District's SSMP is to prevent overflows and to provide a plan and schedule to maintain and update existing programs and measures in order to prevent overflows within the Goleta Sanitary District (GSD) in accordance with SWRCB Orders, current RWQCB NPDES Permit and District policies and procedures.

## Element 2. Organization

**Regulatory Requirement-** The SSMP must identify:

- (a) The name of the responsible or authorized representative as described in Section J of this Order,
- (b) The names and telephone numbers for management, administrative and maintenance positions responsible for implementing specific measures in the SSMP program. The SSMP must identify lines of authority through an organization chart or similar document with a narrative explanation and,
- (c) The chain of communication for reporting SSOs, from receipt of a complaint or other information, including the person responsible for reporting SSOs to the State and Regional Water Board and other agencies if applicable.

### A. Legally Responsible Officials (LRO), CIWQS Data Submitters and District Staff

1. Mr. Steve Wagner (LRO), P.E., General Manager and District Engineer. The general manager is responsible for the overall operation and performance of the District and SSMP development and implementation.
2. Mr. Luis Astorga (LRO), Collections System Manager and Inspector, is responsible for the management of the collection system division and is responsible for SSMP implementation and maintenance and reporting and certification of SSOs in accordance with District procedures.

#### Data Submitters

1. Mr. Shamus O'Donnell, Collection System Supervisor, performs day to day supervision of the collection system staff and assists in the implementation and daily activities of the SSMP. Reports SSOs in the absence of Mr. Astorga.
2. Mr. Loren Barringer, Collections System Maintenance Tech. II, assists in the day to day operations of the department and reports SSOs in the absence of Mr. O'Donnell.

#### District Supervisors

1. Mr. Chuck Smolnikar, Facilities Maintenance Supervisor, supervises the treatment plant maintenance staff and is responsible for the maintenance of District pump stations and District vehicles.
2. Ms. Lena Cox, Laboratory and Technical Services Manager, oversees the laboratory operations and assists the Collection System staff with water quality sampling and testing on an as-needed basis.

#### Industrial Waste Control

Ms. Teresa Kistner is the District's Industrial Waste Control Officer and is responsible for the FOG and Source Control program.

#### Collection System Staff

District collection system staff, under direct supervision of the Collection System Supervisor, clean, repair, operate Closed Circuit Television Inspection (CCTVI) equipment and maintain the District's collection system facilities in accordance with District procedures and guidelines developed as part of the SSMP.

All of the above-referenced District personnel can be contacted at the District's telephone number (805) 967-4519 during normal business hours.

The California Water Environment Association (CWEA) certification and grade of collection system personnel is shown on Table 2-1.

The District's Organization Chart is shown on Table 2-2.

**Table. 2-1. CWEA Certification-Collection System Staff, 2018  
Collection System Maintenance**

Staff	Grade	Certificate No.
Luis Astorga	IV	1308213890
Loren Barringer	II	130922015
Shamus O'Donnell	II	120721016
Vincent Mounsey	OIT	NA
Braden Stribling	I	1308216789
Edgar Guerrero	OIT	NA



**Table 2.2      Goleta Sanitary District Organization Chart**

**Table 2-2  
Table of Element Responsibilities**

<b>Element Number</b>	<b>Element Title</b>	<b>Responsible Party</b>	<b>Contact Information</b>
1	Goals	Steve Wagner	805-967-4519
2	Organization	Steve Wagner	805-967-4519
3	Legal Authority	Steve Wagner	805-967-4519
4	Operations and Maintenance Program	Luis Astorga	805-967-4519
5	Design and Performance Provisions	Steve Wagner	805-967-4519
6	Overflow Emergency Response Plan	Luis Astorga	805-967-4519
7	Fats, Oils and Grease Control Program	Teresa Kistner	805-967-4519
8	System Evaluation and Capacity Assurance Plan	Steve Wagner	805-967-4519
9	Monitoring, Measurement and Plan Modification	Luis Astorga	805-967-4519
10	SSMP Program Audits	Luis Astorga	805-967-4519
11	Communications Plan	Luis Astorga	805-967-4519

## **B. Chain of Communication for Reporting Overflows**

The SSMP must identify the chain of communication for reporting overflows.

When the District is notified of sewer line emergencies, such as overflows, the Collection System Supervisor or the first available Collection System Maintenance Technician II (CSMT II) is immediately contacted. Documentation of the reported problem begins with this initial notification. The Supervisor or CSMT II determines the personnel and equipment to dispatch to the reported problem site. If a spill has or is occurring, District staff will take immediate corrective action in accordance with GSD Overflow Emergency Response Plan. The Supervisor or CSMT II initiates the SSO notification process by contacting Cal OES, the Santa Barbara County Public Health Department, and the District General Manager. The Supervisor or CSMT II will also initiate the California Integrated Water Quality Systems (CIWQS) on-line reporting program and will verify that the District Service Call Response form has been completed by the responding Collection System staff.

### **Weekend, After Hours and Holiday Calls**

All District-related sewer line emergency calls (including those originating from the Firestone Lift Station and the El Sueno Lift Station Auto-Dialer) that are received by the District's answering service after normal working hours on weekdays, and on Saturdays, Sundays and holidays are immediately forwarded to the District Collection System On Call Person. The On Call Person provides initial notification to the Collection System Manager, responds to the emergency call to eliminate the SSO and begin spill cleanup procedures. In the absence of the Manager, Supervisor and CSMT II, the On Call Person also makes the initial notification to Cal OES for Category 1 spills, and the District General Manager. The On Call Person will make an entry in the District Operation log documenting the response to the SSO and will complete the District Service Call Response form. If the Manager or Supervisor have not been reached, the On Call Person will continue to contact a CSMT II and the District General Manager to inform them of the SSO.

If the On Call Person does not respond to the answering service, the following personnel are contacted in the listed order:

1. Shamus O'Donnell
2. Loren Barringer
3. Vincent Mounsey
4. Braden Stribling

The first person contacted assumes the duties of the On Call Person to contact the Collection System Supervisor, respond to the emergency, eliminate the SSO, begin cleanup procedures and make the initial notification to Cal OES, and the District General Manager. The responding District staff member will make an entry in the District Operation log documenting the response and will complete the District Service Call Response form. The responding person will continue to contact the Supervisor, CSMT II or the District General Manager to inform them of the SSO.

Upon notification of a SSO, the Collection System Supervisor or the CSMT II will make the initial notification to Cal OES within the required two hour time frame of becoming aware of a Category 1 SSO.

The Supervisor will contact the District General Manager. The Supervisor reviews the initial response documentation, SSO volume calculation, initiates SSO monitoring procedures and makes any revised reports to Cal OES and CIWQS. The Collection System Supervisor has the primary responsibility to certify all CIWQS reports and technical reports completed for SSOs as the District's Legally Responsible Official (LRO). The General Manager will certify all CIWQS reports and technical reports in the absence of the Collection System Supervisor.

### **C. Reporting Procedures**

In accordance with the District's current OERP, State Water Resources Control Board Order No. WQ 2013-0058-EXEC and State Water Resources Control Board Statewide General Waste Discharge Requirements for Sanitary Sewers, Order No. 2006-0003-DWQ, the following notifications are to be completed within the specified timeframes when a Sanitary Sewer Overflow (SSO) occurs within the jurisdiction of the District.

Initial Notification to be completed as soon as possible by the following District personnel:

Luis Astorga, Collection System Manager, if not available, then:

Shamus O'Donnell, Collection System Supervisor, if not available, then:

Loren Barringer, CSMT II, if not available, then:

The District On Call Person or First Responding Person, or

Steve Wagner, District General Manager

The District adheres to the SWRCB WDR reporting requirements for the four (4) categories of SSOs:

**Notification for Category 1 SSOs** – Category 1 SSOs are defined as discharges of untreated or partially treated wastewater of **any volume** resulting from the District's sanitary sewer system failure or flow condition that:

- Reach surface water and/or reach a drainage channel tributary to a surface water; or
- Reach a municipal separate storm sewer system (MS4) and are not fully captured and returned to the sanitary sewer system or not otherwise captured and disposed of properly. Any volume of wastewater not recovered from the municipal separate storm sewer system is considered to have reached surface water unless the storm drain system discharges to a dedicated water or ground water infiltration basin.

In the event of a Category 1 SSO that is greater than or equal to 1,000 gallons that has discharged to surface water or spilled in a location where it will probably be discharged to surface water, Cal OES shall

be notified as soon as possible without substantially impeding response or clean up measures, but no later than two (2) hours of becoming aware of the SSO:

Cal OES 1-800-852-7550

Obtain a Notification Control Number and the name of the person spoken to at Cal OES

All Category 1 SSOs are to have a draft report submitted to California Integrated Water Quality System (CIWQS) Online Database (<http://ciwqs.waterboards.ca.gov/>) within 3 business days of the District becoming aware of the SSO.

These reports are to be certified by a District Legally Responsible Official (LRO) within 15 calendar days of the SSO end date.

In the event of a Category 1 SSO that is 50,000 gallons or greater, the District is to submit and certify in the CIWQS Online Database System a SSO Technical Report within 45 calendar days of the SSO end date. Additionally, the District shall conduct water quality sampling within 48 hours of the spill according to the District Water Quality Monitoring Program per Section D. of the MRP. This program is detailed in Section III of the District's OERP.

**Notification for Category 2 SSOs** – Category 2 SSOs are defined as discharges of untreated or partially treated wastewater of **1,000 gallons or greater** resulting from the District's sanitary sewer system failure or flow conditions that do not reach surface water, a drainage channel, or a municipal separate storm sewer system unless the entire SSO discharged to the storm drain system is fully recovered and disposed of properly.

All Category 2 SSOs are to have a draft report submitted to CIWQS within 3 business days of the District becoming aware of the SSO.

These reports are to be certified by a District LRO within 15 calendar days of the end date of the SSO.

**Notification for Category 3 SSOs** – Category 3 SSOs are defined as all other discharges of untreated or partially treated wastewater resulting from the District's sanitary sewer system failure or flow conditions.

All Category 3 SSOs are to have a certified report submitted to CIWQS within 30 calendar days of the month in which the SSO occurred.

**Notification for a Private Lateral Sewage Discharge (PLSD)** – PLSD are defined as discharges of untreated or partially treated wastewater resulting from blockages or other problems within a privately owned sewer lateral connected to the District's sanitary sewer system or from other private sewer assets.

PLSDs that the District is aware of are to be reported to Santa Barbara County Public Health  
1-805-681-4900

**Amended CIWQS Reports** – The District LRO will amend CIWQS reports if any significant changes to the initial report have occurred, as detailed in Section II of the District's OERP.

**No Spill Certifications** – The District LRO will certify on the CIWQS system, on a monthly or quarterly basis, those months or quarters in which a SSO has not occurred. This certification shall occur within 30 calendar days of the month or quarter in which no SSOs occurred.

**SSO Review and Corrective Actions** – The District will review SSOs in an effort to prevent SSO reoccurrence and to minimize future SSO frequency and volume. This review is detailed in Section 5 of the District’s OERP.

**Collection System Questionnaire** - The District LRO will complete and update the Collection System Questionnaire on the CIWQS system on an annual basis.

### **Element 3. Legal Authority**

**Regulatory Requirement-** The SSMP shall include legal authority through sewer use ordinances, service agreements, or other legally binding procedures to:

- (a) Prevent illicit discharges,
- (b) Require that sewers and connections be properly designed and constructed,
- (c) Ensure access for maintenance, inspection or repairs for portions of the lateral owned or maintained by the District
- (d) Limit fats, oils, greases and other debris that may cause blockages in the collection system and
- (e) Enforce any violation of District Ordinances.

District Ordinance #77 is the legal authority regulating the use of the District's Publicly Owned Treatment Works (POTW). Ordinance #77 sets forth uniform requirements for users of the POTW and enables the District to comply with all applicable State and Federal laws, including the Clean Water Act (33 United States Code section 1251 et seq.) and the General Pretreatment Regulations (Title 40 of the Code of Federal Regulations Part 403). The objectives of Ordinance #77 are to prevent the introduction of pollutants that will interfere with the operation of the POTW or pass through the POTW inadequately treated or otherwise be incompatible with the POTW; to protect both the POTW's personnel and the general public; to promote reuse and recycling of industrial wastewater and biosolids from the POTW and to enable the District to comply with its National Pollutant Discharge Elimination System (NPDES) permit conditions, sludge use/disposal requirements and any other Federal or State laws to which the POTW is subject. District Ordinance #77 applies to all users of the POTW and provides for monitoring, compliance and enforcement activities as well as establishes administrative review procedures.

#### **A. Prevent Illicit Discharges**

The District has full authority and the responsibility to prevent the discharge of illicit discharges to the sanitary sewer system. District Ordinance #77, an Order of the Governing Board of the Goleta Sanitary District Adopting an Ordinance and Regulating the Use of the Goleta Sanitary District Sewerage System, adopted by the District's Governing Board on April 16, 2012 is the current District sewer use ordinance. Section 4.1 Prohibited Discharge Standards list those substances that shall not be discharged to the sewer or Publicly Owned Treatment Works (POTW). Section 4.2 and 4.3 state that users shall comply with National Categorical Pretreatment Standards and State Pretreatment Standards. Section 4.4 establishes local limits for discharges into the District's sewer system and treatment works.

#### **B. Require That Sewers and Connections be Properly Designed and Constructed**

District Ordinance # 77, Section 3 addresses Building Sewers and Connections. Section 3.7 states the Specifications of building sewers and requires that all sewers shall be constructed in accordance with the Goleta Sanitary District Specifications for Design and Construction of Sanitary Sewers (2008). District Ordinance # 77 Section 3.8 states that all plumbing fixtures shall conform to the provisions and codes of the City of Goleta, County of Santa Barbara and State of California.

Goleta Sanitary District Standards and Specifications for Design and Construction of Sanitary Sewers (2008) address proper construction and connection in the following sections: Section 4 Sewer Permit Application, Section 5 Sewer Feasibility Studies, Section 6 Improvement Plans, Section 7 Design Criteria, Section 8 Legal Relations and Responsibilities, Section 9 Construction Materials, Section 10 Open Trench Construction Methods, Section 11 Inspection and Testing.

**C. Maintenance and Repairs of Sewer Laterals.**

The District does not maintain or own any portion of the sewer laterals. District Ordinance # 77 specifies in Section 3.3 that “The property owner is responsible for maintaining the building sewer from the building up to and including the WYE connection.” The District Standards and Specification for the Design and Construction of Sanitary Sewers Section 4.10 states that “The side sewer is private from the connection to the public sewer, including the wye, to its connection with the building. The Owner is responsible for maintaining the side sewer. The District is not responsible for damage caused by breaks or leaks in the side sewer.”

**D. Limit the Discharge of Fats, Oils and Greases (FOG) and other Debris**

The District employs a full-time Industrial Waste Control Officer who is responsible for implementing the District’s Source Control Program. This program was originally implemented under 40 CFR 403 and approved by the EPA in July of 1983. It has since evolved into the District’s current FOG/Source Control Program that the District utilizes to ensure compliance of local users with Federal and State regulations as well as District local limits. There are currently 50 industrial users, 10 groundwater remediation sites, and over 90 Food Service Establishments that are monitored by the District.

District Ordinance # 77, Section 4 is the General Use Requirements, Section 4.1 B 6 specifically addresses Fats, Oils and Greases. Section 5 – Pretreatment of Wastewater, Section 6 – Individual Wastewater Discharge Permits, Section 7 – Individual Wastewater Discharge Permit Issuance, Section 8- Reporting Requirements, Section 9 – Compliance Monitoring and Section 12 – Administrative Enforcement Remedies have all been implemented in to the FOG/Source Control Program to limit the discharge of FOG and other debris that may cause blockages in the District’s sewer system.

**E. Enforcement of District’s Sewer Ordinances**

District Ordinance # 77, Section 12 – Administrative Enforcement Actions list the actions that the District may take to enforce compliance with this ordinance. These actions include but are not limited to Consent Orders, Compliance Orders, Cease and Desist Orders and Termination of Service. Section 13 – Judicial Enforcement Remedies provide the District the ability to seek civil and criminal penalties for those actions that would require civil penalties and criminal prosecution.



#### **Element 4. Operation and Maintenance Program**

**Regulatory Requirement-** The SSMP must include the following elements:

- (a) Maintain an up-to-date map of the sanitary sewer system,
- (b) Describe routine preventive operation and maintenance activities by staff and contractors, including a system for scheduling regular maintenance and cleaning of the sanitary system with more frequent cleaning and maintenance at known problem areas. The Preventive Maintenance program should have a system to document scheduled and conducted activities, such as work orders,
- (c) Develop a rehabilitation and replacement plan to identify and prioritize system deficiencies and implement short-term and long-term rehabilitation actions to address each deficiency. The program should include regular visual and TV inspections of manholes and sewer pipes, a system for ranking the condition of sewer pipes and scheduling rehabilitation. Rehabilitation and replacement should focus on sewer pipes that are at risk of collapse or prone to more frequent blockages due to pipe defects. Finally, the rehabilitation and replacement plan should include a capital improvement plan that addresses proper management and protection of the infrastructure assets. That plan shall include a time schedule for implementing short and long term plans plus a schedule for developing the funds needed for the capital improvement plan,
- (d) Provide training on a regular basis for staff in sanitary sewer system operations and maintenance, and require contractors to be appropriately trained, and
- (e) Provide equipment and replacement parts inventories including identification of critical replacement parts.

##### **A. Maintain an Up-To-Date Map of the Sewer System**

The District has a geographic information system (GIS) showing the location of all sewer line segments and manholes. This computerized system is linked to the District's Computerized Maintenance Management Program (CMMP) and billing programs so that detailed information regarding the District sewerage facilities and parcels that are served by the District is readily available. The District also maintains record drawings of these facilities and all District owned and maintained pumping facilities and pressure pipes. The Collection system staff maintains a list of map updates that are added to the CMMP and the GIS Map on an as-needed basis. All new collection system facilities are added to the CMMP and GIS after the District reviews and accepts the Project Record Drawings. Other updates, such as software and computer hardware updates of the GIS system is done on an as-needed basis.

The District does not maintain maps of storm water conveyance facilities because it does not have jurisdiction over such facilities and the storm drain facilities within the District's service area are the responsibility of the County of Santa Barbara, Public Works Department, Water Resources Division (Flood Control). The District has established a close working relationship with County Flood Control and routinely request copies of what information that Flood Control does have of its storm drain system. The District in the next few years will work to obtain mapping of these facilities as they become available.

## **B. Operation and Maintenance Activities**

The Goleta Sanitary District is continuously improving and updating its proactive, condition based sewer system maintenance program. The District's maintenance schedule allows staff to clean, and inspect every sewerline and manhole using a schedule that is flexible enough to adjust to conditions found during cleaning. Every inspection and cleaning is documented and entered into the District's CMMP. The District's operations and maintenance programs have resulted in limiting priority area responses and decreasing the amount of high frequency maintenance segments and potential SSOs. The District maintains records and a database using the HANSEN Information Technologies software package as its CMMP. The HANSEN database meets the District's needs as well as the needs for reporting activities. This CMMP maintains District records in a readily available format for O&M and management analysis and trending/predictive scenarios development.

All daily routine and priority lines cleaning and maintenance information is entered into the database and monthly reports summarizing the data are generated with the District's CRYSTAL reporting software. The CMMP is used to schedule routine maintenance of the pipelines in the District collection system and CCTV inspections. Most (approximately 95%) of the pipelines in the District's collection system are on a 36-month cleaning frequency and do not require enhanced maintenance. District crews are able to complete the cleaning schedule within this 36 month timeline on a routine basis. The remaining 5% of District sewer lines are on an enhanced maintenance scheduled due to root intrusion, FOG or debris build up that require additional cleaning. These District "priority areas" are on scheduled cleaning cycles designed to minimize the occurrence of an SSO. Approximately 3 percent are on a 12-month cycle, 1 percent are on a 6-month cycle and only 0.5 percent are on a 3-month cycle. The work orders for these "priority areas are scheduled throughout the year and generated on monthly basis. These work orders are routinely completed within the first week or two of each month. The CCTV schedule of the District collection system is on a 5-year timeline. CCTV is also done in conjunction with Capital Improvement projects and to verify the need for spot repairs. The District utilizes contractors for specialized work such as chemical root treatment. Approximately 10,000 feet to 12,000 feet of sewer line are scheduled on an annual basis for chemical root treatment. The District reviews monthly and annual performance data to ensure the scheduled completion of each 36 month cleaning cycle and the completion of all priority area cleaning within its scheduled month. The two District lift stations are inspected by staff on a scheduled basis. Repairs are coordinated with the District's Facilities Maintenance Department.

The Goleta Sanitary District Collection System Cleaning, Repair, and Maintenance Procedures include the following programs that the District utilizes as part of its Operation and Maintenance Program in an effort to minimize the frequency and volume of SSOs:

- Lift Station Routine Maintenance
- Mechanical and Hydraulic Cleaning
- Hand Rods
- CCTV Operations
- Smoke Testing
- Manhole Raising
- Excavation, Trenching and Point Repairs
- Creek and Bridge Crossing Inspections
- Easement Clearing

Given these enhanced maintenance programs and the addition of District owned and operated flow monitors for I&I identification, the District continues to be in a better position to make continuous improvements and maintain the goal of zero overflows.

**C. Rehabilitation and Replacement Plan**

The District’s Collection System Master Plan, the annual maintenance plan, the District’s hydraulic model and the HANSEN/CRYSTAL Reports Programs are combined as part of the detailed methodology used to develop the District’s capital improvement plan. Each of the pipelines within the District’s service area has been assessed on structural and hydraulic condition, risk of failure consequences and operation and maintenance factors. Results from visual and CCTV inspections of District sewer facilities are also utilized as part of this assessment.

A specialized computer program called SAPP (Sewer Assessment and Prioritization Program) was developed to aid in the evaluation of the District collection system. Pipelines are grouped into categories for each of the evaluation methods. The program is used to combine the score for each evaluation criteria and refresh prioritization of the capital improvement program using recent data. The evaluation methods used by SAPP include operations and maintenance, structural condition, risk of failure and hydraulic capacity. These four databases are combined and queried to establish a ranking with larger diameter pipes in environmentally sensitive areas with structural and hydraulic deficiencies being ranked with the highest priority. Detailed information regarding the SAPP assessment methodology is located in Section 10 of the District’s Sewer Master Plan.

Table 4-1 list the scheduled capital improvement projects for Fiscal Years 2016-17 through 2020-21.

TABLE 4-1. SCHEDULED FIVE-YEAR CIP PLAN

CIP PROJECT	SCHEDULED YEAR	PROJECTED COST
Via Los Santos/Moreton Bay	2017	\$686,514
Downtown Goleta/Nogal Bike Path	2018	\$700,000
Robin Hill Rd.	2019	\$559,215
Easement Areas	2020	\$500,000
Hwy 101 – Valdiva Dr.	2021	\$1,079,625

Additional project information is located in Capital Improvement Program Section 12 of the Sewer Master Plan.

**D. Training**

The District is committed to the training and certification of its collection system staff. Training consists of in-house training for District procedures and equipment, training by the local section and California Water Environment Association (CWEA) conferences and workshops, vendor training for equipment specific needs, and the use of California Sanitation Risk Management Authority provided training materials and workshops. It is mandatory that all employees attend and participate in monthly safety / training meetings. District Collection System employees are required to obtain CWEA certification as Collection System Technicians, Grade I for Technicians I; Grade II for Technicians II and Grade III for the Collection System Supervisor.

The District maintains records of training conducted in-house and of training records provided by outside contractors and through CWEA and Water Environment Federation (WEF).

District Standard Specifications for Design and Construction of Sanitary Sewers (2008) Section 8 details the Contractor responsibilities for compliance with safety requirements as set forth in OSHA, state and local laws and regulations. The District requires that contractors submit Experience Qualifications that document minimum standards for the general contractor and contractors' field foremen for work done on behalf of the District. Pre-Construction meetings with contractors include the discussion of safety, traffic control and the review of the contractors confined space procedures as a project submittal. Additionally, collection system personnel are encouraged to participate in continuing education programs offered through California State University Sacramento (Ken Kerri courses), Santa Barbara City College classes and others. The District compensates employees for tuition and textbooks and provides financial incentives for CWEA certification above and beyond the District mandated requirement.

#### **E. Equipment and Replacement Parts Inventories**

The collection system maintains an inventory of repair and replacement parts at the District's treatment plant facility. The inventory is part of a formal record of repairs and consists of replacement parts of multiple sizes, types, and descriptions/application detailed in the District's Cleaning, Repair and Maintenance Procedures, Appendix B. Included within this inventory are replacement nozzles, sewer hose mending kits, pump parts, pump hoses, assorted vehicle replacement parts, CCTV replacement parts and sewer pipe sections of various types and sizes. The District owns and maintains equipment for sewer line repair, pump by-pass operations and SSO response. This equipment includes a backhoe, front-end loader, dump truck, trailer mounted air compressor, shoring, trash pumps of various sizes, portable generators and various power tools. The District maintains a resource list of contractors and vendors who stock materials and are available for emergency and short notice deliveries. Materials and parts inventory is a crucial component of the District's maintenance program.

## **Element 5. Design and Performance Provisions**

**Regulatory Requirement-** The District shall implement:

- (a) Design and construction standards and specifications for the installation of new sanitary sewer systems, pump stations and other appurtenances and for the rehabilitation and repair of existing sanitary sewer system, and
- (b) Procedures and standards for inspecting and testing the installation of new sewers, pumps and other appurtenances and for rehabilitation and repair projects.

### **A. Develop Design and Construction Standards and Specifications for New and Rehabilitated Sewer Systems**

The District has adopted the Goleta Sanitary District Standard Specifications for the Design and Construction of Sanitary Sewers (2008) for all new construction and rehabilitation of existing sewer facilities. The design standards are detailed in Section 7, Design Criteria. Construction Materials are detailed in Section 9, Open Trench Construction Methods are detailed in Section 10, Manhole Rehabilitation is detailed in Section 12 and Boring and Jacking is detailed in Section 13.

These standards govern the requirements, design and construction of sewer facilities within the jurisdiction of the District for all sewer facilities under private and public contract. In addition, all developers, engineers and contractors must comply with the applicable sections in the latest edition of the Standard Specifications for Public Works Construction (SSPWC), “The Green Book”, the latest edition of the California Uniform Plumbing Code and the District approved plans for the new sewer facilities. These Standards are reviewed and updated on a periodic basis to ensure that current construction means and methods are included as appropriate.

### **B. Develop Procedures and Standards for Inspecting and Testing New Sewers, Pumps, and Rehabilitation and Repair Projects**

Inspection requirements for new and rehabilitated sewers are detailed in Section 11 (Inspection and Testing) of the Goleta Sanitary District Standard Specifications for the Design and Construction of Sanitary Sewers. Section 4, Sewer Permit Application and Section 12, Manhole Rehabilitation also detail inspection requirements. District Ordinance # 77 provides additional procedures and standards in Section 3 Building Sewers and Connections.

## **Element 6.    Overflow Emergency Response Plan**

**Regulatory Requirement-** The District shall develop and implement an overflow emergency response plan that identifies measures to protect public health and the environment. At a minimum, the plan must include the following:

- (a) Proper notification procedures so that the primary responders and regulatory agencies are informed of all SSOs in a timely manner,
- (b) A program to ensure an appropriate response to all overflows,
- (c) Procedures to ensure prompt notification to appropriate regulatory agencies and other potentially affected entities of all SSOs that potentially affect public health or reach waters of the State in accordance with MRP. All SSOs shall be reported in accordance with this MRP, the California Water Code, other State Law, and other applicable Regional Water Board WDRs or NPDES permit requirements. The SSMP should identify the officials who will receive immediate notification,
- (d) Procedures to ensure that appropriate staff and contractor personnel are aware of and follow the Emergency Response Plan and are appropriately trained,
- (e) Procedures to address emergency operations such as traffic and crowd control and other necessary activities and,
- (f) A program to ensure that all reasonable steps are taken to contain and prevent the discharge of untreated and partially treated wastewater to waters of the United States and to minimize or correct any adverse impact on the environment resulting from the SSO, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the discharge.

### **A.       Notification Procedures**

The District receives notifications of SSOs through a variety of methods including but not limited to: direct observation by District staff, lift station Supervisory Control And Data Acquisition (SCADA) and dialer alarms, the District answering service, USA Dig-Alert notifications, the general public and from other agencies. The District's Overflow Emergency Response Plan details the corrective action that shall be taken by District staff to contain the overflow and protect the public, photograph, stop the SSO, return flows to normal conditions, mitigate or begin spill mitigation, begin the notification process as required by SWRCB WDR and the District's NPDES permit. The District OERP Sections II and III detail the roles and responsibilities of District personnel to ensure compliance with the WDR and to minimize the volume and environmental effect of a SSO.

### **B.       Response to All Overflows**

Upon notification of a SSO, the responding District personnel address the SSO in accordance with the District Overflow Emergency Response Plan (attached as Appendix F of the SSMP). During normal business hours, the Collection System Supervisor will assess the SSO and direct sufficient District personnel and equipment to address the SSO in a most timely and efficient method. After hours notifications will be addressed by the Collection System Stand-By Person. Additional personnel, equipment or resources required will be contacted by the Stand-By Person or the Collection System Supervisor. Appendix G and H of the OERP lists District assets, private contractors and other public agencies that can be utilized for SSO response. The responding District staff will either immediately remedy the SSO in accordance with District procedures, notify the property owner of his/her need to address a private property concern or contact the appropriate agency if the SSO is outside the jurisdiction or responsibility of the District.

**C. Notification Procedures to Appropriate Agencies**

The District OERP, Sanitary Sewer Overflow Emergency Notification List (Appendix E) lists the Agency names, addresses, telephone and fax numbers, contact names and the timeline in which they must be contacted. The format and contents of the initial report is provided on this form. The Collection System Manager, Collection System Supervisor and the District General Manager are to be notified immediately of a SSO to ensure that the notification process is completed in accordance with the SWRCB WDR.

**D. Emergency Response Plan Training**

The District conducts emergency response plan training each year. This training consists of an initial training for all new Collection System employees, annual review of the response plan and periodic training on the individual elements of the plan such as confined space training, operation of emergency generators and by-pass pumps and spill calculation. This training is documented in the individual employee training record and as part of the CWEA certification process for each Collection System employee. Contractors are informed of District policies and procedures in regards to Emergency Response Training. Section 8 of the District's Standard Specifications provides details of contractor safety responsibilities.

**E. Emergency Operations Procedures**

The District's OERP, Section II, III and IV list the actions that must be taken in addition to stopping the overflow. These include containment, traffic control, spill mitigation, pump by-pass operations, sampling and monitoring procedures and District and Agency notifications.

**F. Procedures to Prevent and Contain the Discharge of Wastewater to Waters of the US and to Minimize Environmental Impacts of SSOs**

The OERP, Section II lists those actions to be taken to contain and prevent a SSO from reaching a creek or ocean. These measures include the use of vacuum systems, pumps, spill control pillows, sandbags and diversion of SSO flows away from waterways. Section II also describes the mitigation measures to be used if a SSO has reached a creek or waterway. Water Quality Sampling and Monitoring measures are described in Section III of the OERP.

## **Element 7. Fats, Oils and Grease Control Program**

**Regulatory Requirement-** The District shall evaluate its service area to determine whether a FOG control program is needed. If the District determines that a FOG control program is not needed, the District must provide justification for why it is not needed. If FOG is found to be a problem, the District must prepare and implement a FOG source control program to reduce the amount of these substances discharged to the sanitary sewer system. This plan shall include the following as appropriate:

- (a) An implementation plan and schedule for a public education outreach program that promotes proper disposal of FOG,
- (b) A plan and schedule for the disposal of FOG generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of FOG generated within a sanitary sewer system service area,
- (c) The legal authority to prohibit discharges to the system and identify measures to prevent SSOs and blockages caused by FOG,
- (d) Requirements to install grease removal devices, design standards for the removal devices, maintenance requirements, BMP requirements, record keeping and reporting requirements,
- (e) Authority to inspect grease producing facilities, enforcement authorities, and whether the District has sufficient staff to inspect and enforce the FOG ordinance,
- (f) An identification of sanitary sewer system sections subject to FOG blockages and establishment of a cleaning maintenance schedule for each section, and
- (g) Development and implementation of source control measures for all sources of FOG discharged to the sanitary sewer system for each section identified in (f) above.

As detailed in Legal Authority Section 3, Paragraph C, the District has developed and implemented a comprehensive FOG program. There currently are more than 90 Food Service establishments in the District service area that are inspected on a regular basis by the District Industrial Waste Control Officer and Collection System staff. The District Standard Specifications list the design and installation specifications for FOG control items such as grease interceptors, sampling manholes and wells and District Ordinance # 77 limit the amount of FOG that can be discharged to the District facilities. The monitoring section of the fat, oil and grease program entails field inspections, sample collection and analysis for grease and oil concentrations. Laboratory results are evaluated to determine compliance or noncompliance by the establishment. The inspection and laboratory results are used to delegate correction and/or enforcement actions as needed. Results of monthly grease and oil analyses on the influent and final effluent indicate that the treatment plant is in compliance with all grease and oil limitations. Final effluent concentrations are consistently well below the NPDES permit limitations.

### **A. Public Education Outreach**

The District has developed an extensive Public Outreach Program that has greatly assisted the District's ability to reduce the amount of FOG within the collection system and treatment plant. This program has included a variety of FOG workshops hosted by the District to inform and educate restaurant owners about grease in the sanitary sewer system, its consequences and the District's Ordinances related to FOG disposal. The District publishes a newsletter in which the topic of FOG from residential and commercial establishments is discussed. The District conducts an annual open house in which information and demonstrations are provided to the public regarding FOG disposal and District efforts to protect the environment from FOG related SSOs. The District has purchased grease scrapers to be given to the public during open house and plant tour demonstrations.



The District Industrial Waste Control Officer has also distributed a “Restaurant Best Management Practices” DVD to District restaurants in an effort to reduce FOG disposal into the collection system. These items are also available at the District office.

**B. FOG Disposal**

The District Industrial Waste Control Officer and Collection System staff work together to inspect more than 90 Food Service Establishments (FSEs) within the District. District efforts include the monitoring of grease interceptor pump-outs to ensure that the private disposal companies are cleaning grease interceptors in accordance with AB 1333 (2005-06). FSEs found to be in violation of District FOG discharge limits are required to submit receipts of grease interceptor pump-outs as part of the District Notice of Violation. Table 7-1 list the grease interceptor pumping companies and grease rendering service companies within the District service area.

**TABLE 7-1. GREASE INTERCEPTOR AND RENDERING COMPANIES**

<b>Grease Interceptor Pumping Companies</b>	<b>Telephone Number</b>
Oscar’s Grease Trap Service	805-403-1509
Buron’s Preferred Pumping Company	805-579-9226
Lee & Neal	805-884-1023
Shoemaker’s Enviro-Tech	661-296-2394
County Sanitation Company	805-682-3568
Baker Commodities, Inc.	800-427-0696
All Valley Environmental	559-498-8378
Ameriguard Maintenance Services	800-347-7876
<b>Grease Rendering Service Companies</b>	<b>Telephone Number</b>
One More Time	800-624-5504
Ventura Rendering	805-485-2217
Salinas Tallow	800-621-9000

**C. Legal Authority to Prohibit FOG Discharges**

District Ordinance # 77 Section 4.1 (6) lists the FOG discharge limitations for businesses within the District’s jurisdiction, currently at 100mg/L. This section also sets the maximum FOG and solids accumulation of grease interceptors at 25% of design hydraulic depth.

**D. Grease Interceptor Design and Installation Requirements, BMP Requirements, Record Keeping and Reporting**

The District Standard Specifications, Section 7.16 and Standard Drawing 25 describe the design, installation, and testing procedures that shall be used for grease interceptors and sampling manholes. District Ordinance # 77 Section 8.1 through 8.8 detail the reporting requirements, Section 8.13, Recordkeeping and Section 8.14, Certification of Statements detail BMP requirements and record keeping requirements.

**E. Authority to Inspect**

The authority of the District to inspect the sewer system, sewer connections and to inspect the appurtenances that are used for FOG control are detailed in Section 1.1 of the Goleta Sanitary District Standard Specifications. District Ordinance # 77, Section 9.1 Right of Entry: Inspection and Sampling also details this requirement.

**F. Identification of District Sewer Facilities subject to FOG related issues and District Maintenance Requirements**

The District has identified those collection system areas that are subject to FOG discharge. CCTV inspections and results from routine cleaning are used to ensure that any collection system area that has FOG issues is included in the District's priority area cleaning program. FOG related priority cleaning areas are identified in the District's CMMP and through CRYSTAL reports. The results of this priority cleaning are adjusted as necessary to minimize FOG issues.

**G. Source Control Measures for FOG Discharged into Identified District Facilities**

When FOG is identified as a major contributor to maintenance issues, the collection system works with the District's IWC to locate the source of the FOG and take appropriate measures such as increased monitoring, the requirement to implement BMP or the need to install and maintain grease interceptors for specific FSE locations.

## **Element 8. System Evaluation and Capacity Assurance Plan**

**Regulatory Requirement-** The District shall prepare and implement a capital improvement plan that will provide hydraulic capacity of key sewer system elements for dry weather peak flow conditions as well as the appropriate design storm or wet weather event. At a minimum, the plan must include the following:

- (a) Evaluation, actions needed to evaluate those portions of the sanitary sewer system that are experiencing or contributing to a SSO discharge caused by hydraulic deficiency. The evaluation must provide estimates of peak flows (including flows from SSOs that escape from the system) associated with conditions similar to those causing overflow events, estimates of the capacity of key system components, hydraulic deficiencies (including components of the system with limiting capacity) and the major sources that contribute to the peak flows associated with overflow events,
- (b) Design Criteria, where design criteria do not exist or are deficient, undertake the evaluation identified in (a) above to establish appropriate design criteria,
- (c) Capacity Enhancement Measures, the steps needed to establish a short- and long-term CIP to address identified hydraulic deficiencies, including prioritization, alternatives analysis and schedules. The CIP may include increases in pipe size, I/I reduction programs, increases and redundancy in pumping capacity and storage facilities. The CIP shall include an implementation schedule and shall identify sources of funding,
- (d) Schedule, the District shall develop a schedule of completion dates for all portions of the capital improvement program developed in (a)-(c) above. This schedule shall be reviewed and updated consistent with the SSMP review and update requirements as described in Section D.14.

The District has prepared a computer hydraulic model of the wastewater collection system using the HYDRA hydraulic modeling program, developed by Pizer, Inc. All sewer lines are included in the hydraulic model. The semi-dynamic model routes flows through the sewer system by accounting for the time delays of peak flows from various basins as the flow passes through the collection system. The results of the hydraulic modeling are detailed in Section 8 of the 2000 Sewer Collection System Master Plan. Table 12-3 of the 2000 Sewer Master Plan lists the Pipelines nearing Hydraulic Capacity.

### **A. Evaluation**

The sewer line segments that have been preliminarily identified as having hydraulic deficiencies by the District's HYDRA program are reviewed by District staff to collaborate these initial assessments. In-House flow monitoring in conjunction with field inspections conducted during routine CCTV and cleaning are used to verify the preliminary findings. Sewer line segments that have been determined by the District to have hydraulic and or structural deficiencies are added to the Capital Improvement Projects list based upon their assessment and risk of failure.

### **B. Design Criteria**

The District had adopted the current edition of the Goleta Sanitary District Standards and Specifications for the Design and Construction of Sanitary Sewers to govern the requirements, design and construction of sewer facilities within the jurisdiction of the District. Used in conjunction with the District's Sewer Master Plan and the HYRDA program, the District has established the design criteria for sewer facility improvements required for hydraulic and structural deficiencies and projected growth within the District service. Section 10 of the 2000 Sewer Master plan describes in detail the design criteria for these improvements.

**C. Capacity Enhancement Measures**

The District employs the Collection System Master Plan to develop a capital improvement program. Specifically, Section 10 of the District’s Sewer Collection System Master Plan 2000 presents the detailed methodology used to develop the District’s capital improvement plan. Each of the pipelines within the District’s service area has been assessed on structural and hydraulic condition, risk of failure consequences and operation and maintenance factors. A series of capital improvement projects were created from these assessments. These capital improvement projects have been identified and prioritized to correct structural and hydraulic deficiencies in the District collection system.

A specialized computer program called SAPP (Sewer Assessment and Prioritization Program) was developed to aid in the evaluation of the District collection system. Pipelines are grouped into categories for each of the evaluation methods. The program is used to combine the score for each evaluation criteria and update prioritization of the capital improvement program using O&M data. These groups are categorized into priorities ranked from 1 through 6. Priority 1 being the larger diameter pipelines with the highest potential for failure and Priority 6 being those pipelines with relatively minor defects that would not be put out for public contract. As Capital Improvement Projects are completed, the next ranking projects are moved up on the list of scheduled projects. Table 8-1 lists the Capital Improvement projects that have been completed in the last five years.

**TABLE 8-1. CAPITAL IMPROVEMENT PROJECTS COMPLETED SINCE 2012**

<b>Project Name</b>	<b>Linear Footage</b>	<b>Year of Completion</b>
Fairview Avenue Sewer Relocation Project	3,500 LF of 30-inch pipe installed 2,300 LF of 15-inch pipe rehabilitated	2013
Modoc Road Project	340 LF of 6-inch pipe rehabilitated 5,440 LF of 8-inch pipe rehabilitated	2014
Cathedral Oaks La Ramada Vega Drive Project	812 LF of 8-inch pipe replaced 2,986 LF of 10-inch pipe replaced or new installation	2016
Via Los Santos 2017 Pipeline Rehabilitation Project	1,664 LF of 6-inch pipe rehabilitated 5,490 LF of 8-inch pipe rehabilitated	2017

**D. Schedule and Funding**

Based upon the previously discussed System Evaluation and Capacity Assurance Plan, the District has implemented the Capital Improvement Plan of the Sewer Master Plan. The District has completed most of these projects. These completed Capital Improvement Projects include most of the priority 1, 2 and 3 projects identified in the Master Plan. The remaining projects are scheduled for completion as funding and resources are allocated during the District’s annual budget development process. The Sewer Master Plan has a 20 year schedule for the funding and completion of these projects.

## **Element 9. SSMP Monitoring, Measurement and Program Modifications**

**Regulatory Requirement-** The District 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 preventive 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.

### **A. Maintain Relevant Information for Prioritization of SSMP Activities**

The District has established through its Annual Maintenance Program that the cleaning, CCTV, facility inspection programs will continue to be used as the primary goal of minimizing and eliminating the occurrence of SSOs. The standards that the District has historically maintained to achieve this goal include the following:

- A daily cleaning production of 2,500' per crew per day.
- The completion of all monthly Preventive Maintenance activities within the first ten days of each month.
- Annual Root Foaming of 10,000 to 12,000 Linear Feet of sewer line.
- The completion of Bridge, Creek Crossings and Easement clearing/inspection programs on an annual basis.

The 2000 Sewer Master Plan has identified Priority 6 (isolated spot repairs) repair projects that are completed in-house. This prioritization through the Annual Maintenance Program has greatly contributed to the zero SSO rate the District has maintained since 2010.

### **B. Monitor the Effectiveness of SSMP Elements**

The District will review each element of its SSMP and make corrections on an as-needed basis through audits and program reviews to ensure the effectiveness of the SSMP. These annual reviews shall be completed and attached in Appendix B of this SSMP. In addition, the review shall be shared with the Board of Directors at a regular Board meeting and placed on the District website for public information.

### **C. Preventive Maintenance Program Assessment**

The District utilizes CRYSTAL reports to track the progress of the annual maintenance plan elements that are instrumental parts of the District's SSMP. Current timeframes for the completion of each program have been vital for the District's ability to maintain its zero to near zero spill rate.

### **D. Update of Program Elements**

The District will update each SSMP element as part of an annual review process to ensure that improvements are made due to new technology, equipment, regulatory code changes, FOG program enhancements, and collection systems rehabilitation through implementation of the Capital Improvement Program. The collection system supervisor in conjunction with his staff updates the SSMP via regular performance measurement assessments. All changes, additions and modifications to the SSMP will be tracked and logged in Appendix A of the SSMP.

**E. SSO Identification and Tracking**

The District maintains records of all SSOs that have occurred within District jurisdiction in accordance with District retention policies and legal requirements. When an SSO occurs, all appropriate information including, location, volume and cause is entered into the District’s CMMP. The SSO location is identified as an enhanced preventive maintenance location until District assessment determines the priority of that facility rehabilitation/replacement. The District has been enrolled in the State Water Resource Control Board CIWQS program since April of 2007. CIWQS provides a publically accessible tracking map of SSO location, reported volume and SSO report summaries. Table 9-1 provides a listing of the SSOs that have occurred in the last five years within the District service area.

**TABLE 9-1. Sanitary Sewer Overflows 2012-2018**

<b>LOCATION</b>	<b>VOLUME (GALLONS)</b>	<b>YEAR</b>
None to date	0	2018
Via Los Padres	600	July 13, 2017
Nogal Bike path	2500	April 25, 2017
El Sueno Rd	800	February 13, 2017
None	0	2016
None	0	2015
Lorraine Ave.	240	April 16, 2014
Cieneguitas easement	80	March 3, 2014
Russell Way	300	November 15, 2013
None	0	2012

#### **Element 10. SSMP Program Audits**

**Regulatory Requirement** – As part of the SSMP, the District shall conduct periodic internal audits, appropriate to the size of the system and the number of SSOs. At a minimum, these audits must occur every two years and a report must be prepared and kept on file. This audit shall focus on evaluating the effectiveness of the SSMP and the District’s compliance with the SSMP requirements identified in subsection (D.13) of State Water Resources Control Board Order No. 2006-0003-DWQ including identification of any deficiencies in the SSMP and steps to correct them.

The District will evaluate the SSMP on a bi-annual basis using the sample audit form. The District’s annual update process includes review by senior staff to ensure the most current legal authority, response plans, organizational charts, equipment lists, and contact/notification information is included. When the District makes operational, maintenance, management, and administrative changes, the SSMP will be updated. The District review process may include the use of outside auditors as deemed necessary. The District is responsible for maintaining the SSMP program as required by the State Water Resources Control Board. All completed audit forms shall be attached to this SSMP in Appendix B.

## Element 11. Communication Program

**Regulatory Requirement** – The District shall communicate on a regular basis with the public on the development, implementation and performance of its SSMP. The communication system shall provide the public the opportunity to provide input to the District as the program is developed and implemented.

The District shall also create a plan of communication with systems that are tributary and/or satellite to the District’s sanitary sewer system.

In an effort to facilitate public awareness of the District’s SSMP, the District will make copies of the full SSMP available to the general public on its website. The District routinely communicates with the general public through a variety of methods including District newsletters, mailings, website and Proposition 218 public notices that seek and encourage public input for the various operations of the District. The District newsletters have focused on specific topics that comprise the SSMP such as Capital Improvement Projects and funding. The District has historically maintained an “Open Door” policy in which members of the public can discuss issues of concern with District staff, District management and Governing Board members during District special events, normal business hours and at regularly scheduled meetings of the District’s Governing Board.

The District routinely communicates with the four contractual users of the District (the County of Santa Barbara, UCSB, Goleta West Sanitary District and Santa Barbara Municipal Airport) on a regular and on-going basis. This communication is in the form of telephone calls, letters and regularly scheduled meetings.



## **Appendix A**

### **Log of SSMP Changes/Corrections/Updates**

**Appendix A  
Goleta Sanitary District  
Log of Changes/Corrections/Updates to Sanitary Sewer Management Plan**

<b>Date of Change</b>	<b>SSMP Section</b>	<b>Description of Changes/Corrections/Updates</b>	<b>Person Authorizing Change</b>
Jan 2010	2, 4, 6	Update of personnel and equipment list	GM
Aug 2011	2,4,6	Update of personnel and equipment list	GM
Sept 2013	All Sections	Revision and update of all sections and incorporation of District Ordinance No. 77	GM
Oct 31, 2013	Appendix E OERP	Update of CSRMA contact information per Carl Warren & Co letter dated Oct 28, 2013	GM
Dec 2, 2013	2	Revised Organization Chart	GSD BOD
Jan 2014	2	Update of personnel listings, retirement of Operations Manager Jeff Salt	GM
March 2015	All Sections	Review and update of personnel listings	GM
July 2015	All Sections	Review and update of personnel listings, retirement of General Manager Kamil Azoury	GM
Jan 2016	All Sections	Review and update	GM
June 2016	All Sections	Review and Update of personnel listings, Revised Organization Chart	GM BOD
April 2017	All Sections	Review and Update of all sections	LA
Nov 2017	All Sections	Review and Update	LA
May 2018	All Sections	Review and update of personnel listings	LA
