

Volume 3
PLACER COUNTY SEWER MAINTENANCE DISTRICT 1
(SMD 1) NORTH AUBURN
SEWER SYSTEM MANAGEMENT PLAN

INTRODUCTION

PLACER COUNTY MAINTAINED PUBLIC SEWER SYSTEMS

The Placer County Department of Facility Services operates and maintains ten separate sanitary sewer systems within the County. Nine of the ten are either Sewer Maintenance Districts (SMDs) or County Service Areas (CSAs) which derive their operating revenue from sewer user fees. Funds do not co-mingle between Districts. The Placer County Board of Supervisors is the governing board of each SMD or CSA. The tenth sewer system serves the Cabin Creek Facility, with the property being owned by the County. On May 2, 2006, the State Water Resources Control Board adopted Order 2006-003 which required all public owned sewer systems in the State with more than one mile of pipe to develop a Sewer System Management Plan (SSMP). Volume 1 (All Districts), 2 (Appendix) and this volume are the SSMP for this District and the reader should refer to Volume 1 Introduction for a detailed description of that State requirement.

SMD 1 HISTORY AND DESCRIPTION

In the late 1950's, development started in the North Auburn Area without annexing into the Auburn city limits. North Auburn had no sewer system so the first developments were approved on leach fields. By 1959 many of the leach fields were failing and it was determined that a public sewer system was needed. The Placer County Board of Supervisors approved the formation of Placer County SMD 1. Bonds were sold to pay for design and construction of a North Auburn sewer system and a wastewater treatment plant located on Joeger Road. By 1961 both the sewer system and treatment plant were complete and Placer County SMD 1 began maintenance and operation of the collection system and treatment plant. All existing structures within the district and within established criteria were required to connect to the sewer, along with all new development, both commercial and residential.

Over the next forty eight years, the SMD 1 sewer system was expanded to serve new development as it progressed. Undeveloped land within the district was served by new sewers constructed by development. Land requiring sewer service was annexed into the district. Several areas of existing homes on leach fields and not served by the original district, had sewers constructed to them through grants and assessment districts. As of July 2008, SMD 1 has 102 miles of sewer pipe in the ground and 7,854 Equivalent

Dwelling Unit (EDU) connections. A district map is provided in Section 4.a.1, Sewer System Management Plan.

Most sewer systems are constructed with gravity sewers, where sewage flows down a sewer pipe by gravity with the pipeline sloped downhill to the wastewater treatment plant. Four inch pipe is the minimum diameter of gravity sewer pipe used for servicing properties and 6 inch pipe is used for collector sewer in the street. If there is a high hill involved, a sewage pump station is constructed where sewage is then pumped in a pressure pipe to the top of the hill where it again flows by gravity downhill. Placer County SMD 1 also uses another type of sewer system in portions of the districts requiring a low pressure sewer. The sewer system utilizes a pressure pipe as small as 2 inch in diameter that is able to go up or down hill. Each structure connected to the low pressure sewer has a septic tank to remove solids and grease from the wastewater and a pump tank that pumps the remaining water into the pressure sewer. Each pump is strong enough to pump the water to the end of the low pressure pipe. The unit at each structure is called a Septic Tank Effluent Pump (STEP) unit and is maintained for the property owner by the Sewer District. As of July 1, 2008, the district maintains 354 STEP units

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1.0 GOALS

1.1 Introduction

Goals are the crux of any plan. They are the defining targets in which more specific objectives of this SSMP are aimed. Even though Placer County could develop a number of very specific goals as developed in further sections of this SSMP, they are best summed up in the following general goals.

1.2 Placer County SSMP Goals

As mentioned in the introduction to this SSMP, a number of requirements or sections of the SSMP provide data pertaining to all ten County maintained public sewer systems and there is no reason to duplicate the information. This section is one of those sections and it can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Goals” requirements**

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2.0 ORGANIZATION

2.1 Introduction

As mentioned in the introduction to this SSMP, a number of requirements or sections of the SSMP provide data pertaining to all ten County maintained public sewer systems and there is no reason to duplicate the information. This section is one of those sections and it can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Organization” requirements.**

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3.0 LEGAL AUTHORITY

3.1 Introduction

Of the ten wastewater collection systems owned and maintained by Placer County (see Table Int-1), five have their own wastewater treatment systems and do not rely on other agencies for wastewater treatment. The remaining five sewer systems are satellite collection systems that connect to wastewater treatment plants owned and operated by other public agencies. This makes the legal authority for all ten sewer systems and their two satellite systems somewhat complicated. An explanation of the SMD 1 legal authority and that of its one satellite collection system, the Auburn Airport Industrial Park, are as follows:

3.2 Placer County Code, Articles 13.12 and 13.14

Every Placer County maintained sewage collection system, whether it has its own wastewater treatment plant or it is a satellite collection system to another agency's treatment plant, is covered by Articles 13.12 and 13.14 of the Placer County Code. These code articles also cover the two small satellite collection systems connected to Placer County maintained Districts. Article 13.12 is a comprehensive sewer ordinance that has been in use over 40 years and governs operation and maintenance of the County's sewer system. It also contains the user fee, annexation fee and connection fee schedule for the nine sewer systems (excluding Cabin Creek). This ordinance has been updated many times and will continue to be updated as conditions warrant. Article 13.14 is the Placer County Industrial Pretreatment Ordinance. While this article primarily regulates industry to protect the district wastewater treatment systems, it does regulate many industrial types of discharges that could have adverse effects on collection systems.

Section 3, of the State's GWDR, directs that legal authority cover a minimum of five items. Those five items and their location in the Placer County Code are summarized in the following table.

Table 3-2, GWDR Legal Authority Requirements

Requirement	Code Location
Prevent illicit discharges	Section 13.12.020 Section 13.12.070 Section 13.12.100 Section 13.12.140 Section 13.14.050
Require proper design and construction	Section 13.12.210 and 220
Ensure access for maintenance/repairs	Section 13.14.180
Limit FOG discharges	Section 13.14.050
Enforce violations	Section 13.12.190 and 330

The Placer County Department of Facility Services periodically publishes a booklet containing current copies of Sections 13.12 and 13.14 of the County Code together with copies of the applicable City of Roseville Sewer Codes (see Sub-Section 3.2 of this Section). That booklet is contained in **Appendix “B”** and a separate copy can be obtained at the Facility Service’s front counter or the Community Development Resources Agency front counter. It is titled “Rules and Regulations of Placer County Operated Sewer and Water Systems”. A current copy of the Placer County Code can also be found on the County web site at <http://ordlink.com/codes/placer/index.htm>.

3.3 Agreements with the City of Auburn for Sewer Service to the Auburn Airport Industrial Park

In the 1970s, the City of Auburn began developing an industrial park adjacent to the Auburn Airport (on City owned land not contiguous to the city limits). Construction included a sewage collection system and a small package wastewater treatment plant. The treated effluent was spray irrigated on land between the runways. As the industrial park grew, the capacity of the treatment plant was reached. The City constructed an offsite sewer line and connected the industrial park to the Placer County SMD 1 sewer system. The industrial park became an outside user of SMD 1 and a formal agreement was approved by the Placer County Board of Supervisors on July 26, 1983. A copy of the agreement can be found in **Appendix “G”**. After that time, the City maintained the sewer system in the industrial park and SMD1 treated the wastewater from the site.

Due to the distance from the industrial park and the Auburn City limits, it became difficult for the City to maintain the park’s collection system. Since SMD 1 was directly billing all of the sewer connections in the industrial park for full sewer service charges, in 1998, the City asked that SMD 1 take over maintenance of the sewer lines as part of those charges. A second agreement, which can also be found in **Appendix “G”**, was approved on August 25, 1998, which transferred maintenance of the Auburn Airport Industrial Park’s sewer system to the County.

**PLACER COUNTY SEWER MAINTENANCE DISTRICT 1
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**4.0 OPERATIONS AND MAINTENANCE
PROGRAM**

4a.0 Collection System Map

4a.1 Introduction

As described in detail in Section 4 of Volume 1, All Districts SSMP, Placer County uses a GIS mapping system to produce sewer maps of each of the ten sewer systems it maintains. The mapping system produces wall size maps (1"=400') of the boundary of each district and also produces 11"x17" map book pages, placed in map books and used by maintenance personnel. Index map copies and one of the individual map pages for SMD 1, are contained in the following two pages. Wall maps of the entire sewer district are available for public review at the front counter of the Community Development Resource Agency and the Environmental Engineering Offices.



AG2	AG3	AG4
AF2	AF3	AF4
AE2	AE3	AE4

SMD 1
SEWER MAINTENANCE
DISTRICT 1
SANITARY SEWER

THIS MAP IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR DESIGN PURPOSES. PLACER COUNTY DOES NOT GUARANTEE ACCURACY OR CURRENTNESS OF THE INFORMATION. PERMITS ARE REQUIRED FOR EXCAVATION IN COUNTY RIGHTS OF WAY OR PUBLIC UTILITY EASEMENTS.

REV: 06/0106

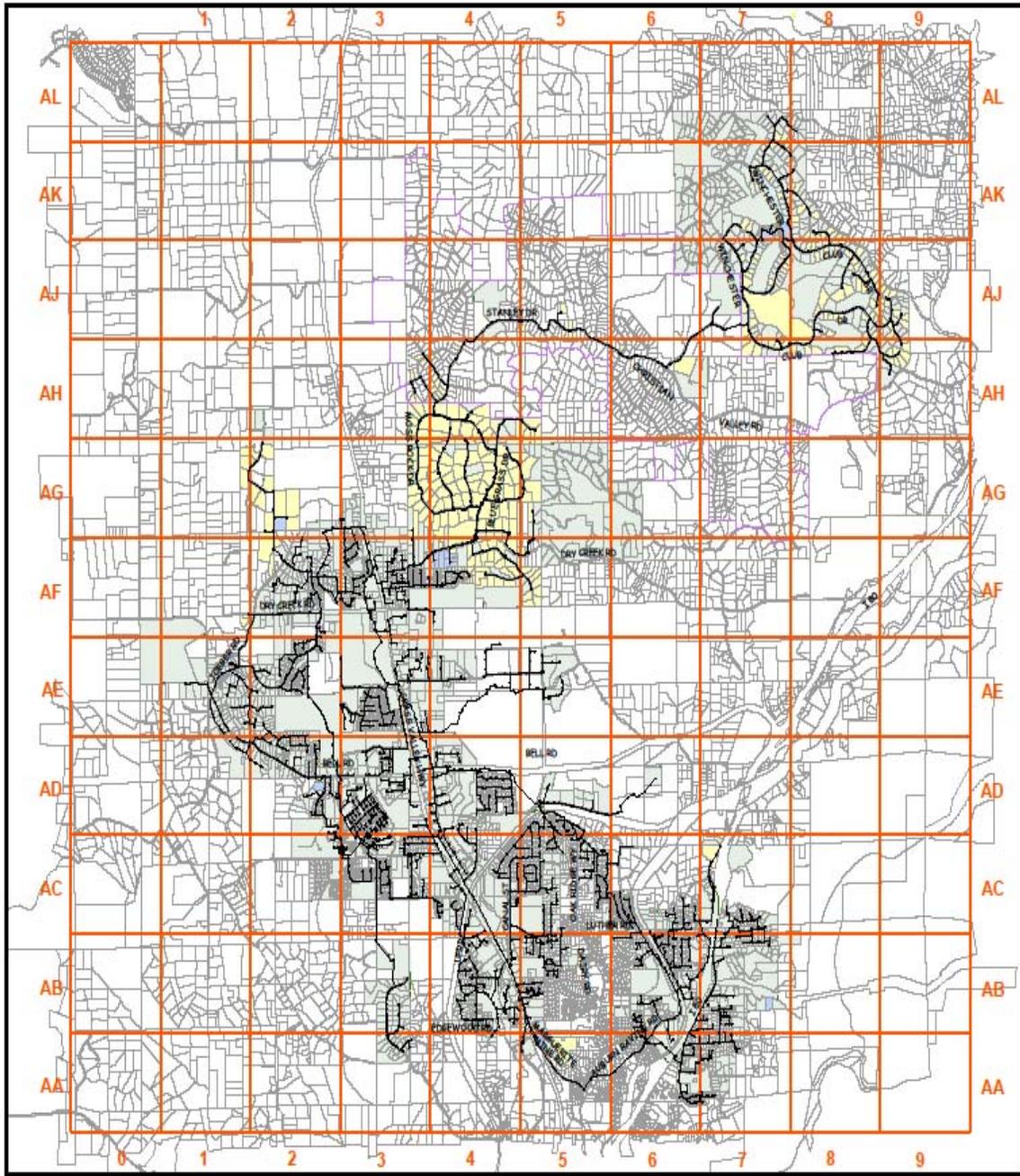


SCALE: 1" = 400'

PLACER COUNTY



FACILITY SERVICES



MAP INDEX

SMD 1 SEWER MAINTENANCE DISTRICT 1 SANITARY SEWER

LEGEND

- DISTRICT BOUNDARY
- CHRISTIAN VALLEY BOUNDARY

STEPS

- PLACER COUNTY MAINTAINED
- PRIVATE SYSTEMS

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REV: 01/05/07

NOT TO SCALE

PLACER COUNTY



FACILITY SERVICES

4b.0 Preventive Operation and Maintenance

4b.1 Introduction

As mentioned in the introduction to this SSMP, a number of requirements or sections of the SSMP provide data pertaining to all ten Placer County maintained public sewer systems and there is no reason to duplicate the information. This is one of the sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Preventive Operation and Maintenance” requirements.**

4c.0 Rehabilitation and Replacement Plan

4c.1 Introduction

As noted in Volume 1, “All districts SSMP”, Section 4c, in order to develop a Rehabilitation and Repair (R&R) for a sewer system, a Condition Assessment of the sewer system must be completed. Methods of doing a Condition Assessment are detailed in Section 4c. **Before proceeding with this section of this SSMP, the reader should review Section 4c of Volume 1 to better understand the methods chosen to evaluate this sewer system.**

4c.2 Condition Assessment, Rehabilitation, and Replacement Plan

As noted in Section 4c, before a R&R Plan can be developed, a Condition Assessment of a sewer system must be made. That condition assessment usually consists of the following:

- Television inspection of gravity sewer lines.
- Smoke testing sewer lines.
- Hydrocleaning sewer lines.
- Visual inspection of manholes.
- Complete inspection of sewage pump stations.

The ten sewer districts maintained by Placer County vary in size from 0.5 to 118 miles of pipe and have 42 sewage pump stations between them. Therefore, a condition assessment can be relatively easy to complete for the small districts and difficult for the larger districts. For the large districts, conducting a condition assessment of the entire district at one time can be cumbersome and inefficient due to the sheer volume of work to be completed and analyzed. In those districts, dividing the sewer district into smaller sections is a feasible way of completing the project over a number of years rather than all at once.

In the case of SMD 1, the following information is available:

- The district has 102 miles of sewer pipe and 20 sewage pump stations.
- 30 miles of the sewer system are low pressure sewer pipes which cannot be televised.
- In the last five years, 11 miles of the sewer system have been closed circuit television.
- In 2007, 6.34 miles of the gravity sewer were smoke tested. Eighty-eight defects were found and corrected, most in private laterals.
- A small number of sewer system overflows have been recorded in the last three years (see Section 9).
- A condition assessment of the Auburn Ravine Drainage (piping above the Auburn Ravine Pump Station) was contracted to a consultant in 2007 and a complete report on that assessment was complete in 2008.

The SMD 1 trunk sewer system can be broken into four drainage areas (see Chapter 8). As noted above, a condition assessment for one was completed in 2008. It is recommended that two additional drainage areas be inspected and smoke tested and a condition assessment be completed prior to the preparation of a R&R Plan. The fourth drainage area consists of pressure sewer pipe and cannot be inspected or smoke tested.

4c.3 SMD 1 Rehabilitation and Replacement Schedule

The proposed schedule for completion of the above noted work is as follows:

Proposed Project	Completion Year
Televise Sewers	2015
Manhole Inspections	2015
Smoke Testing	2012
Pump Station Evaluation	2012
Condition Assessment Report	2015
Rehabilitation and Replacement Plan	2015
Funding Program (if needed)	2016

4d.0 Training

4d.1 Introduction

As mentioned in the introduction to this SSMP, a number of requirements or sections of the SSMP provide data pertaining to all ten of the Placer County maintained public sewer systems and there is no reason to duplicate the information. This is one of the sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Training” requirements.**

4e.0 Contingency Equipment and Replacement Inventories

4e.1 Introduction

As mentioned in the introduction to this SSMP, a number of the requirements or sections of the SSMP provide data pertaining to all ten of the Placer County maintained public sewer systems and there is no reason to duplicate that information. This is one of those sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Contingency Equipment and Replacement Inventories” requirements.**

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**5.0 DESIGN AND PERFORMANCE
PROVISIONS**

5a.0 Standards for Installation, Rehabilitation, and Repair

5a.1 Introduction

As mentioned in the introduction to this SSMP, a number of the requirements or sections of the SSMP provide data pertaining to all ten of the Placer County maintained public sewer systems and there is no reason to duplicate that information. This is one of those sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Design and Performance Standards” requirements.**

5b.0 Standards for Inspection and Testing of New, Rehabilitated, and Repaired Facilities

5b.1 Introduction

As mentioned in the introduction to this SSMP, a number of the requirements or sections of the SSMP provide data pertaining to all ten of the Placer County maintained public sewer systems and there is no reason to duplicate that information ten times. This is one of those section that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Standards for Inspection and Testing” requirements.**

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**6.0 OVERFLOW EMERGENCY
RESPONSE PLAN**

6.1 Introduction

As mentioned in the introduction to this SSMP, a number of the requirements or sections of the SSMP provide data pertaining to all ten of the Placer County maintained public sewer systems and there is no reason to duplicate that information. This is one of those sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Overflow Emergency Response Plan” requirement.**

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7.0 FATS, OILS, AND GREASE (FOG) CONTROL PROGRAM

7.1 Introduction

There are a number of ways a FOG Control and Public Outreach Program can be developed for an existing sewer system depending on its size and type of connections. Those methods are summarized in Volume 1, “All districts SSMP”, Section 7. **Before proceeding with this section of the SMD 1 SSMP, the reader should review Section 7 of Volume 1 to better understand the methods chosen to control FOG in the SMD 1 Sewer System.**

7.2 Existing SMD 1 Sewer System

See the “Introduction” of this SSMP, SMD 1 History and Description, for a summary of the district sewer system. As noted at that location, the existing sewer system has 102 miles of sewer pipe and a number of sewage pump stations. There are a large number of commercial properties connected to the sewer system, with a number of them being restaurants and part of the existing FOG control program detailed in Section 7, Volume 1. The district also has three large mobile home parks and a number of multi-family dwelling complexes. One of them, Auburn Greens at Highway 49 and Quartz Drive, has a history of excessive build up of FOG in the sewer system and is considered a hot spot for cleaning.

7.3 Selected FOG Source Control and Public Education Outreach Program

Due to the conditions noted above, the most appropriate FOG Source Control and Public Education Outreach Program (see Section 7.6, Volume 1) would be a combination of “Program C” and “Program D”. All district homeowners need to receive Public Education Outreach through a newsletter and multi-family area renters need targeted education. The remaining FOG producing commercial connections should continue to be in the FOG Control Program, detailed in Section 7, of Volume 1.

**PLACER COUNTY SEWER MAINTENANCE DISTRICT 1
(SMD 1) NORTH AUBURN
SEWER SYSTEM MANAGEMENT PLAN**

8.0 SYSTEM EVALUATION AND CAPACITY ASSURANCE PLAN

8.1 Introduction

There are a number of ways a System Evaluation and Capacity Assurance Plan can be developed for an existing sewer system depending on its size and age. Those methods are summarized in Volume 1, “All Districts SSMP”, Section 8. **Before proceeding with this section of the SMD 1 SSMP, the reader should review Section 8 of Volume 1 to better understand the methods chosen to evaluate the SMD 1 sewer system.**

8.2 Existing SMD 1 Sewer System

See the “Introduction” of this SSMP, SMD 1 History and Description, for a summary of the district sewer system. The existing sewer system in North Auburn is fairly large with 102 miles of pipe and 7,854 equivalent dwelling units connected. The district main trunk sewer system was built in 1961 when the district was formed. There is no information available on its original design. A new trunk sewer was constructed in 1983 when the Dewitt Center wastewater treatment plant was decommissioned. The trunk sewer, which also served the Bell Road/Dry Creek Road area, was run to the wastewater treatment plant on Joeger Road. A third trunk sewer was completed in 2003 and serves the Saddleback, Christian Valley and Winchester developments. It connects to the main trunk sewer near Dry Creek Road and Highway 49 and is considered a pressure sewer only serving a number of low pressure sewer lines.

The main trunk sewer, at its high end, collects wastewater from the general area around the Foresthill/Auburn Ravine Road off-ramp from I-80. The wastewater flows downhill to Auburn Ravine Road at the Auburn city limits. At that location a sewage pump station pumps the wastewater down Auburn Ravine Road and up Marguerite Mine Road to Highway 49. From there it flows by gravity north to the wastewater treatment plant on Joeger Road.

SMD 1 Sewer System can be easily broken into four sub drainage areas as follows:

- Dewitt Trunk
- Winchester Trunk
- Auburn Ravine Trunk above the Auburn Ravine Road Pump Station
- Main Trunk below the Auburn Ravine Pump Station discharge.

SMD 1 has a pipe capacity problem at one location on the main trunk sewer. At that location, the 15 inch trunk sewer goes into a 14 inch inverted siphon, which during extreme wet weather flows, backs up and overflows its upstream manhole. Procedures are in place where County staff truck wastewater around this “choke point”; however, due to Infiltration and Inflow (I/I), heavy wet weather flows overtax the sewer. The problem is caused by excessive I/I in the district sewer system that is not limited to the area above this location.

Over the last ten years, several hydraulic analyses have been completed on portions of SMD 1 trunk sewer systems. Several were performed by County staff and several were performed by consultants for the County or paid by developers. The analyses were not coordinated resulting in a need for a system wide analysis.

8.3 Selected Capacity Analysis Type

Due to the conditions noted above, the most appropriate Capacity Analysis Type (see Section 8.3, Volume 1) would be “Type D” for the district main trunk sewer and a “Type B” for the Dewitt and Winchester trunk sewers. Due to the size of the District, they will be phased over the years. A capacity assessment for the Auburn Ravine Drainage was combined with a condition assessment (see Section 4c). A report on both assessments was completed in 2008.

8.4 Capital Improvement Program and Funding

Based on the results of the future Capacity Analysis proposed in Section 8.3, if improvements are needed to the SMD 1 Sewer System, a Capital Improvement Program (CIP) and Funding Program will be developed to meet those needs.

8.5 CIP Schedule

The proposed schedule for the above noted work is as follows:

Proposed Assessment	Completion Year
Flow Metering	2012
Capacity Analysis and report completed	2015
Capital Improvement Program and report completed	2015
Funding Program and report completed	2016

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9.0 MONITORING, MEASUREMENT, AND PROGRAM MODIFICATIONS

9.1 Introduction

As noted in Section 9 of the All Districts SSMP (Volume 1), Monitoring, Measurement, and Program Modifications, is probably one of the most important components in developing a SSMP. Once all programs and projects listed in the previous chapters are implemented, they need to be monitored and measured in some form so they can be evaluated to determine their effectiveness. This evaluation is done by collecting data on a yearly basis that will show how effective they are in reaching the goals of the SSMP, reducing Sewer System Overflows (SSOs) and protecting the environment.

9.2 Maintain Relevant Information (Requirement 9.0 a)

Section 9 (Volume 1) lists a number of potential maintenance activities that could be tracked in any district, depending on specific circumstances. Table 9.1 lists the activities selected for this district. When data is available, Table 9.1 also lists the totals from the last three years for those activities to provide a baseline for evaluation.

Table 9.1 SMD 1 Measurement Categories

Category	Current District Total 7/1/08	Description	Unit	Number By Year				
				2004	2005	2006	2007	2008
SSOs	--	Caused by Roots	Count	2	1	1	1	
SSOs	--	Caused by Grease	Count					
SSOs	--	Caused by Contractors	Count					
SSOs	--	Caused by Vandalism	Count					
SSOs	--	From Pump Stations	Count		1			
SSOs	--	From Other Causes	Count	1		1	2	2
SSOs	--	Total Category 1	Count	0	0	0	2	1
SSOs	--	Total Category 2	Count	3	2	2	1	1
SSOs	--	Total per 100 Miles per Year	Count	4.3	2.9	2.9	4.3	2.9
Gravity Sewers	71.1 Miles	CCTV Inspection Sewers	Miles	2.01	4.45	0.84	0.75	2.9
Gravity Sewers	71.1 Miles	Clean Sewers	Miles	21.88	24.35	19.43	33.18	41.08
Gravity Sewers	71.1 Miles	Sewer Rehabilitation Dig and Repair	Count	2	0	21	5	3
Gravity Sewers	71.1 Miles	Sewer Rehabilitation Pipe Lining	Miles	0	0	0.02	0.77	1.21

Table 9.1 SMD 1 Measurement Categories (continued)

Category	Current District Total 7/1/08	Description	Unit	Number By Years				
				2004	2005	2006	2007	2008
Gravity Sewers	71.1 Miles	Smoke Test Sewers	Miles	0	7.27	11.70	6.44	6.34
Gravity Sewers	71.1 Miles	Root Treatment	Miles	2.14	1.99	5.22	2.53	4.50
Force Mains	30.0 Miles	Force Main Piggled	Miles	2.59	0	0	0	0
Sewage Air Relief Valves	99 Each	ARV Maintenance	Count	3	11	1	2	0
Manholes	1534 Each	Manholes Rehabilitation	Count	9	13	25	35	49
Pump Stations	20 Each	Pump Station Major Rehabilitation	Count	Data Not Available	Data Not Available	Data Not Available	Data Not Available	2
Flow Meters Temporary	--	Number of Flow Meter Days	Count	Data not available	FY 2005-06 1990	FY 2006-07 1742	FY2007-08 1960	FY 2008-09 In progress
STEP Tanks	354 Each	Tanks Pumped	Count	9	8	14	3	16
STEP Units	354 Each	Units Repaired	Count	81	52	64	44	55
Fats, Oil & Grease	--	Number of food Establishments	Count	Data not available	Data not available	Data not available	Data not available	92

9.3 Monitor the Effectiveness of the SSMP and the Success of the Preventative Maintenance Program (Requirement 9.0 b-c)

The GWDR requires Placer County to monitor the effectiveness of the SSMP and the success of the preventative maintenance program. Several years of data collected under the previous section for this district will be needed before this requirement can be completed. It is expected that the appropriate sections of the district's SSMP will be completed after the end of Fiscal Year 2008-09, allowing two full years of data.

9.4 Update Program Elements (Requirement 9.0 d)

Based on data collected through Fiscal Year 2008-09 for the district, SSMP program elements can be updated based on their performance. This update should be completed in the first half of FY 2009-10.

9.5 Identify and Illustrate SSO Trends (Requirement 9.0 e)

Placer County began reporting SSOs on the State Water Resources Control Board's web based reporting system in September 2007. The information placed into that data base is extensive and adequately identifies and illustrates each SSO after September 2007. During the preparation of the district SSMP, SSO information was collected from 2004 to the present and is presented in Table 9.1, depicting five years of overflow trends.

**PLACER COUNTY SEWER MAINTENANCE DISTRICT 1
(SMD 1) NORTH AUBURN
SEWER SYSTEM MANAGEMENT PLAN**

10.0 SSMP PROGRAM AUDITS

10.1 Introduction

As mentioned in the introduction to this SSMP, a number of the requirements or sections of the SSMP provide data pertaining to all ten Placer County maintained public sewer systems and there is no reason to duplicate that information. This is one of the sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “SSMP Program Audits” requirements.**

**PLACER COUNTY SEWER MAINTENANCE DISTRICT 1
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11.0 COMMUNICATION PROGRAM

11.1 Introduction

As mentioned in the introduction to this SSMP, a number of the requirements or sections of the SSMP provide data pertaining to all ten Placer County maintained public sewer systems and there is no reason to duplicate that information. This is one of the sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “Communication Program” requirements.**

**PLACER COUNTY SEWER MAINTENANCE DISTRICT 1
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**12.0 SSMP COMPLETION AND
CERTIFICATION**

12.1 Introduction

As mentioned in the introduction to this SSMP, a number of the requirements or sections of the SSMP provide data pertaining to all ten Placer County maintained public sewer systems and there is no reason to duplicate that information. This is one of the sections that can be found in its entirety in Volume 1 and 2. **The reader should refer to those binders for information regarding the “SSMP Completion and Certification” requirements.**