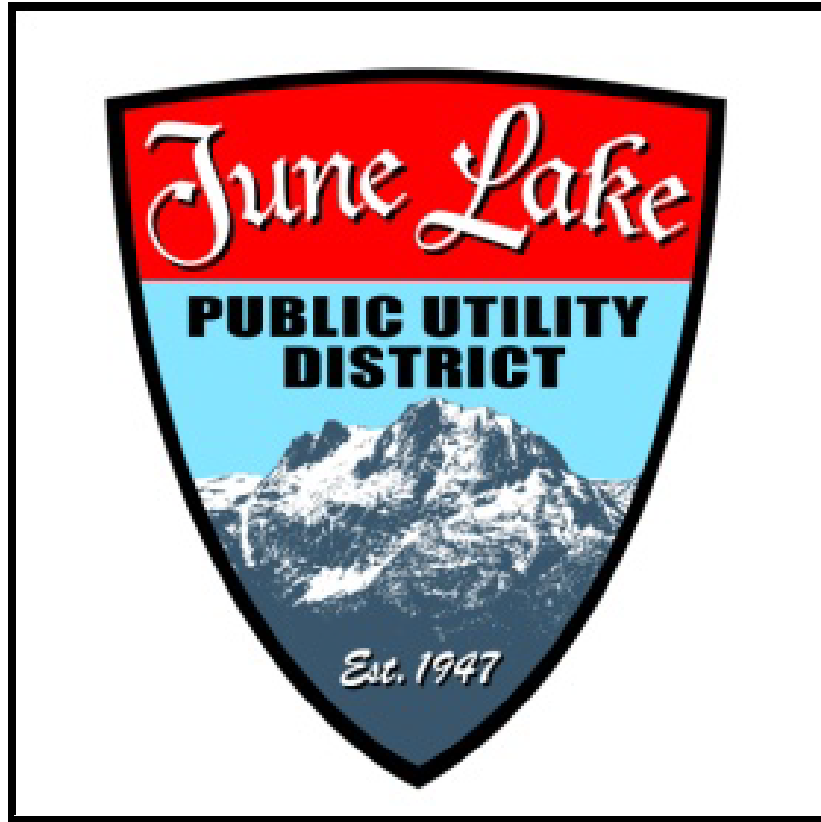


Preface

This Sanitary Sewer Management Plan (SSMP) is to be the guide followed by the June Lake Public Utility District in managing its sewer collection system. By following this SSMP the goal of the District is to reduce the number of Sanitary Sewer Overflows That may otherwise occur.

This SSMP is required by the State Water Resources Control Board Order Number 2006-0003, Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (WDR 2006- 0003) enacted May 2, 2006. The purpose of WDR 2006-0003 is to reduce sanitary overflows. The District's sanitary overflow history is below the average number of spills as compared to agencies of similar size within the state. This SSMP has been prepared to follow the tasks as identified in WDR 2006-0003.



June Lake Public Utility District

Sanitary Sewer Management Plan

SSMP

Updated, August 25, 2022

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Chapter 1-Goals

The District's Mission Statement:

The mission of June Lake Public Utility District is to meet the water related needs of the June Lake community through dedicated employees providing high quality water at a reasonable cost. It is vital that the wastewater collection system goals be developed within the context of the District's Mission Statement. Therefore, the goals of the wastewater collection system are as follows.

The overall goal of the June Lake Public Utility District's Wastewater Collection System is to protect the environment and the Mono Basin water supply. To meet this goal, the District will utilize a Sanitary Sewer Management Plan. The District will foster an atmosphere where dedicated employees can efficiently carry out the following specific goals of the wastewater collection system.

1. To properly manage, operate, and maintain all portions of the District's wastewater collection system

To provide adequate capacity to convey the peak wastewater flows

To minimize the frequency of sanitary sewer overflows - "Anticipate and Avoid "

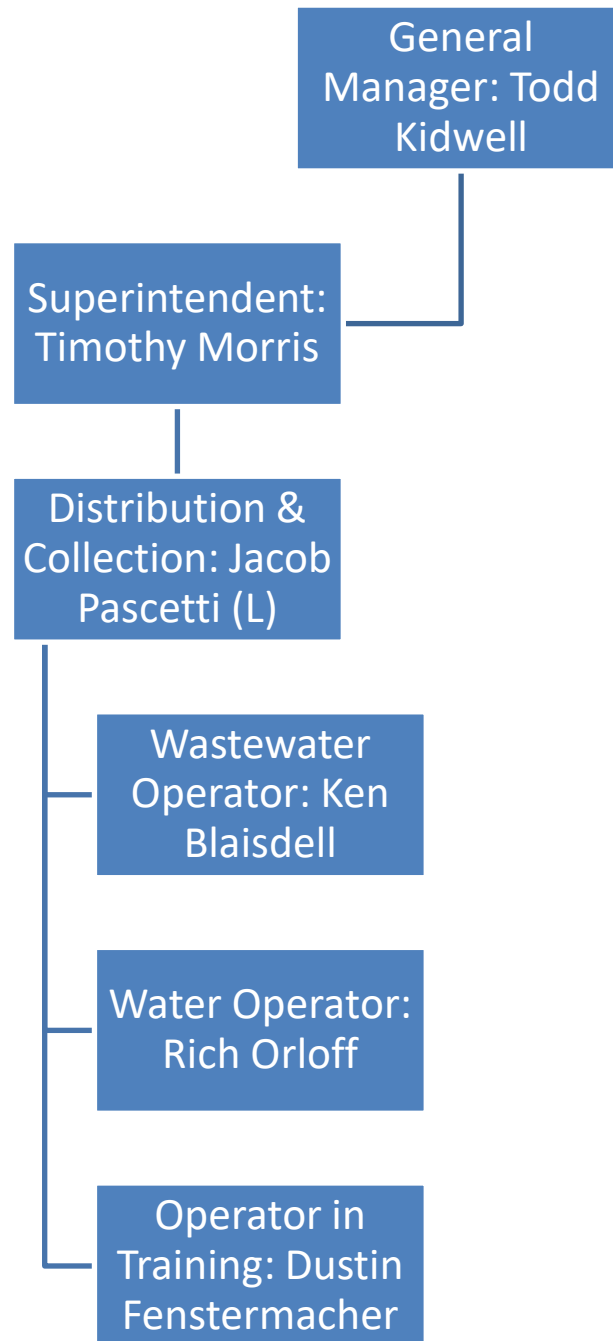
To mitigate the impacts that are associated with any sanitary sewer overflow that may occur

To meet all applicable regulatory notifications and reporting requirements

To provide exceptional customer service to the residents and businesses served

Chapter 2 - Organization

The June Lake PUD is governed by a five-member board of directors, elected at large to four-year terms. The District is a multi-function agency, providing domestic water and wastewater collection services utilizing certified operators. All tasks of the District are completed under the direction of the General Manager and Superintendent. All the District's operators are certified in wastewater collection and treatment and are responsible for all maintenance facets required to maintain the sanitation system. The District's Organization is shown below:



Authorized Representative

All applications, reports or information shall be signed by the District's authorized representatives, Superintendent, or the General Manager. The daily work of the wastewater collections system, like the other functions of the District, is performed by the certified operators. All after hours work is performed by the on-call operator. Line maintenance and repair, response to sanitary sewer overflows, lift station piping, site maintenance, and new connections are all the responsibility of the Superintendent.

When a possible sanitary sewer overflow is reported, an operator is sent to the site to evaluate the complaint. If it is determined that there is a sanitary sewer overflow, the Superintendent is notified. The Superintendent will start the notification process to the Regional Water Quality Control Board. The legally responsible party certifies the final report.

Chapter 3 - Legal Authority

The Sanitation mission of the June Lake Public Utility District is authorized under "The Public District Utility Act" approved May 31, 1921. This Sanitary Sewer Management Plan is required to demonstrate that the District had the proper legal authorities for specific concerns listed in Waste Discharge Requirement 2006-0003.

Chapter 4 - Operation and Maintenance Program

This chapter of the Sanitary Sewer Maintenance Plan (SSMP) is the operation and maintenance program for the June Lake PUD sanitary sewer collection system. The collection system is to be operated and maintained to accomplish the goals stated in Chapter 1 of the SSMP.

The collection system serves approximately 625 connections. The system collects municipal waste from residential and commercial users and delivers the collected wastewater to the District's Wastewater Treatment Plant. The system includes approximately 9 miles of force/gravity mains, 29 lift stations, 5 pump stations and 239 manholes. The daily average flow rate is .25mgd and may increase with community expansion at build out.

This Operation and Maintenance Plan is divided into five parts. These parts follow the prescribed elements listed in Waste Discharge Requirement 2006-0003.

Part 1- Mapping

Part 2 - Preventive Operation & Maintenance

Part 3 - Rehabilitation and Replacement

Part 4 - Training

Part 5 - Equipment and Replacement Parts Inventories

Part 1- Mapping

The District is in the process of creating a GIS map of the full sewer collection system. The current maps were prepared by Boyle Engineering Corporation, showing the collection system components, including pipeline sizes, manholes, lift stations and air-vac units. All mapping is maintained at the District office.

Part 2 - Preventive Operation and Maintenance

The District is in the process is updating to a new preventative operation and maintenance program to align with better regulatory and routine needs of the system. The main components of the program are:

Sewer Line Cleaning Program - Vactoring Routine Cleaning
Clean all sewer lines (minimum of once a year or on an as needed basis)

Manhole Maintenance Program - make repairs and maintain the existing manholes as needed. Replace worn-out frame and cover assemblies. Replace concrete collars. Locate and bring to grade all assets after street improvements and inspect the interior of all manholes while performing the routine operation.

Force Main/Valve Maintenance Program - Visual inspection of all force main and piping locations. Locate, mark and exercise all valves on all force mains once a year.

Lift Station and Pump Station Maintenance Program -

Zone	Lift Station	Pump Station
June Lake Village (includes June Lake frontage)	7	1
Down Canyon	1	2
USFS Silver Lake Tract	9	1
USFS Campgrounds	12	1
Total	29	5

Clean wet wells utilizing vactor truck on an as needed basis to rid of all grease build-up that can cause pump failures or odor problems. Utilize degreasers, or other chemicals to eliminate grease build-up on locations where the vactor truck cannot be used to clean wet wells. Conduct routine inspection of mechanical equipment (sewage grinder, bypass piping, pumps and motors). In the case of a sustained power outage, Force Main Pump Stations 1and 2 are equipped with standby generator power. All other lift stations that indicate higher flow rates will be monitored and pumped down manually with a 2" to 3" Trash Pump until power is restored.

Part 3 - Rehabilitation and Replacement

The District is in the process of allocating funds over the next 5 years specifically geared toward rehabilitation and replacement of key components in the sewer collection system including lift station pumps, manholes, and collection lines. Specifically in 2022 we are starting the first of a 5

year plan in lining our collection lines and replacing or rebuilding pumps in our main lift station for the Village area.

Part 4 – Training

The District continues to provide opportunities for course work and field time to allow our operators to test and move up in grades on their wastewater certifications. Our goal is to get all operators to the grade required for the WWTP.

Part 5 - Equipment and Replacement Parts Inventories

The District has started in 2022 to refine and refocus efforts geared to inventory including back up pumping systems, parts for emergency repairs of lines and manholes, and equipment needed to properly service the entire system.

Chapter 5 - Design

The June Lake PUD maintains design provisions within the District. The Standard Specifications are maintained in the District office titled "Standard Specifications for Domestic Water and Sanitary Sewer System Improvements" dated February 2005. This document was prepared for the June Lake PUD by Boyle Engineering Corporation.

The Standard Specifications provide direction on the installation of new sanitary sewer systems, pump stations and other appurtenances; and or the rehabilitation and repair of existing Sanitary sewer systems. The District's Standard Specifications meet or exceed the requirements of WDR 2006-0003.

Chapter 6 - Overflow Emergency Response Plan

Notification-Sanitary Sewer Overflows are usually reported to the District by the public, or observed by District staff or local law enforcement.

Response-District personnel will proceed to the spill site and identify the problem. If the problem can be easily corrected, they will do so. If not, the Superintendent will begin the notification process by calling the emergency phone numbers.

Reporting-Depending upon the severity, volume and impact of the SSO, the Superintendent will begin calling the appropriate entities within the specified time limits.

Impact Mitigation-Once the District has identified area effected by the SSO, the operator is authorized to take all appropriate measures to mitigate the impact of a spill.

Chapter 7 - Fats, Oils and Grease (FOG) Control Program

The June Lake Public Utility District has maintained a Fats Oils and Grease (FOG) Control Program for many years. The FOG program is mandated by the provisions as outlined in the Uniform Building Code. Each application for service is evaluated for (FOG) before the permit is issued. The present FOG Program Application and materials are attached hereto as Appendix "F".

Chapter 8 - System Evaluation and Capacity Assurance Plan

The June Lake PUD contracted with Boyle Engineering Corporation in March 2005 to conduct a Wastewater System Evaluation. It was noted in this evaluation that our current sewer system is well within capacity requirements at this time. Current flow rates are approximately .25mgd, our facility is designed for 1.0mgd.

Chapter 9 - Monitoring, Measurement and Program Modification

Records that can be used to establish and prioritize SSMP activities will be maintained at the District Office. The District utilizes the CIWQS website for reporting on all SSO activity.

Chapter 10 - SSMP Program Audits

In order to use this Plan effectively over time, there must be periodic internal audits. Audits are performed by staff to ascertain the validity and reliability of information and to provide an assessment of the sewer system's internal controls. The State mandate is that these audits shall occur on an interval appropriate to the system. As a minimum, audits are to occur every two years.

Audits as a minimum shall include:

Review the overall effectiveness of the SSMP
Review each chapter of the SSMP deficiencies and steps to correct them

Chapter 11-Communication Program

June Lake PUD's SSMP communication Program addresses the SSMP Provision outlined in Section D of the SWRCB Order No. 2006-0003. June Lake PUD will communicate on a regular basis with interested parties on the implementation and performance of this SSMP. The communication program will allow interested parties to provide input as the program matures and is implemented. The SSMP is available at the District office. The June Lake PUD will review the SSMP at least annually for necessary revisions or updates.

The District has an excellent record with regards to the infrequency of Sanitary Sewer Overflows. There have been "NO" overflows that have resulted in community health hazards. Therefore, the Communications Program has been designed with an appropriate level of community involvement. The District's overflow history will be reviewed as part of the staff audit process and if appropriate, the Communications Program will be elevated to respond to the requirements of the changing conditions.

Appendix A

Sewer and Water System Emergency/Disaster Personnel and Responsibilities

Name:	Title:	Contact:	Role:
Todd Kidwell	General Manager	760-648-7778 760-648-3375	Lead communication for public and Board Members
Timothy Morris II	Superintendent	760-648-7778	Site supervisor and lead plan developer
Juli Baldwin	Admin. Asst.	760-648-7778	Communication organizer and POC for multiagency assistance

Appendix B

External Emergency Contact List

Agency/Department	Telephone No. (Day) Telephone No. (After Hours)
Mammoth Community Water District	760-934-2596 760-934-3396
Fire Department Chief	760-648-7390 or 911 760-937-2386
Local Law Enforcement	760-932-7549 or 911
County Office of Emergency Services	760-932-7549 or 911
FBI Office (terrorism or sabotage) (Also notify local law enforcement.)	
California Office of Emergency Services - Warning Center (24-hr. number)-Note: Ask for referral to CDHS Duty Officer-Drinking Water Program	(800) 852-7550 or (916) 845-8911

CDPH District Office	909-383-4328 (Day) 909-987-6081 (Evening)
Local Environmental Health Agency	760-924-1845 (Day) 760-387-1905 (Evening)

Appendix C

Emergency Supplier Contact Numbers and Supply List

List of equipment on hand for emergency repairs:

Backhoe, Dump Truck, Jackhammer, all sizes of pipe, Trash pumps, Small Generators

List of distributors or suppliers of replacement parts for the system

1. Construction Spec 760-647-6346

2. Western Nevada 800-648-1230

List of emergency supplier/equipment phone numbers:

	Name	Phone (Day)	Phone (After- hours)
General Contractor	Construction Spec	760-647-6346	
Plumbing Supplier	Western Nevada	800-648-1230	
Electrician	SCE Mammoth	760-934-6871	800-990-7788
Laboratory	Mammoth Comm Water Pace Labs	760-934-2596 661-327-4911	760-934-3396
Electric & Pump (repair service)	Surface Pumps	661-393-1545	661-393-1545
Chemical Disinfectant Supplier	Sierra Chemical	800-777-8206	
Other Water Agency (equipment support)	Mammoth Water District	760-934-2596	760-934-3396

Dates Reviewed (Every 2 Years)

Date: January 2023