



Sewer System Management Plan July 2025

Board Meeting
07/01/2025



**Dublin San Ramon
Services District**

Water, wastewater, recycled water

Danny Ward, Water/Wastewater Supervisor

WASTEWATER COLLECTION SERVICE AREA



WASTEWATER COLLECTION SYSTEM ASSETS

232 miles of gravity mains

75 feet of force main

3 siphons

30 gravity creek crossings

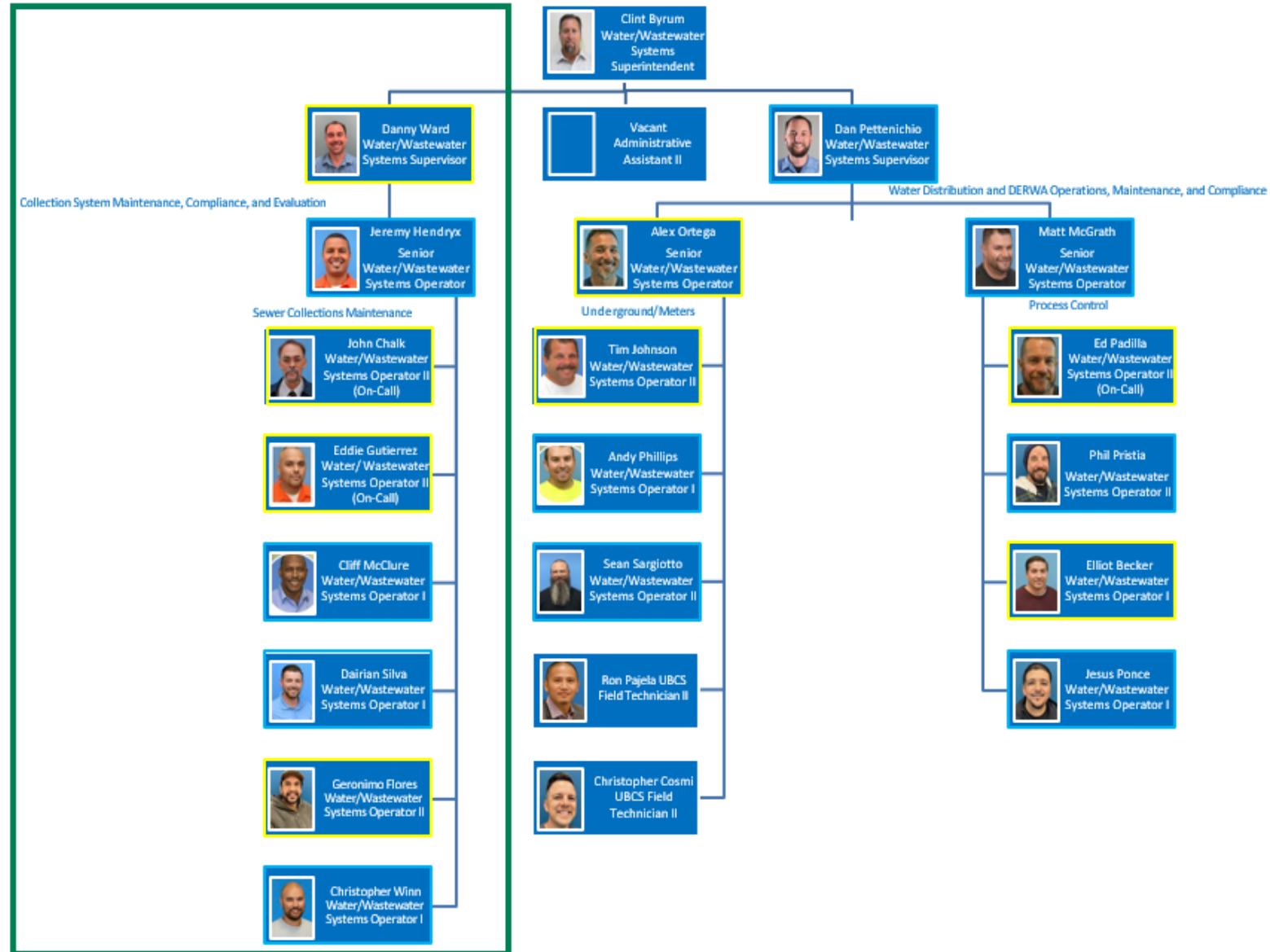
1 permanent lift station

6,736 Manholes



Local Wastewater Enterprise (Fund 200):
Fund 200 covers all operations relating to wastewater collection.

Staffing:
20 FTE's in Field Operations.
8 FTE's allocated to Collection System Maintenance.





Truck #110



Truck #134

Collection System Equipment:

- 2 Combo Jetting/Vacuum Trucks- Super Products- Camel 1200
- 1 CCTV Truck- Ibak Camera, IT Pipes software.



Truck #109



CERTIFICATIONS

STATE

CALIFORNIA WATER ENVIRONMENT ASSOCIATION

Collection System Maintenance Certification

National

NATIONAL ASSOCIATION OF SEWER SERVICE COMPANIES

Pipeline Assessment and Certification Program





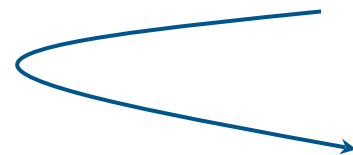
Training

- Annual
 - Spill Response Training
 - Spill Calculation Training
 - SSMP Training
- Task Specific
 - Combo Truck Operation
 - CCTV Truck Operation



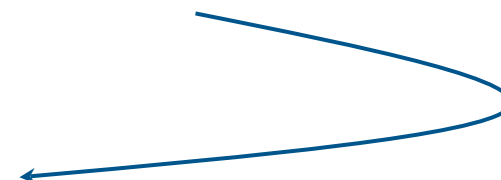
**STATE WATER RESOURCES CONTROL BOARD
ORDER NO. 2006-0003-DWQ**

**STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR SANITARY
SEWER SYSTEMS**



**STATE OF CALIFORNIA
WATER RESOURCES CONTROL BOARD
ORDER NO. WQ 2013-0058-EXEC**

**AMENDING MONITORING AND REPORTING PROGRAM
FOR
STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SANITARY SEWER SYSTEMS**



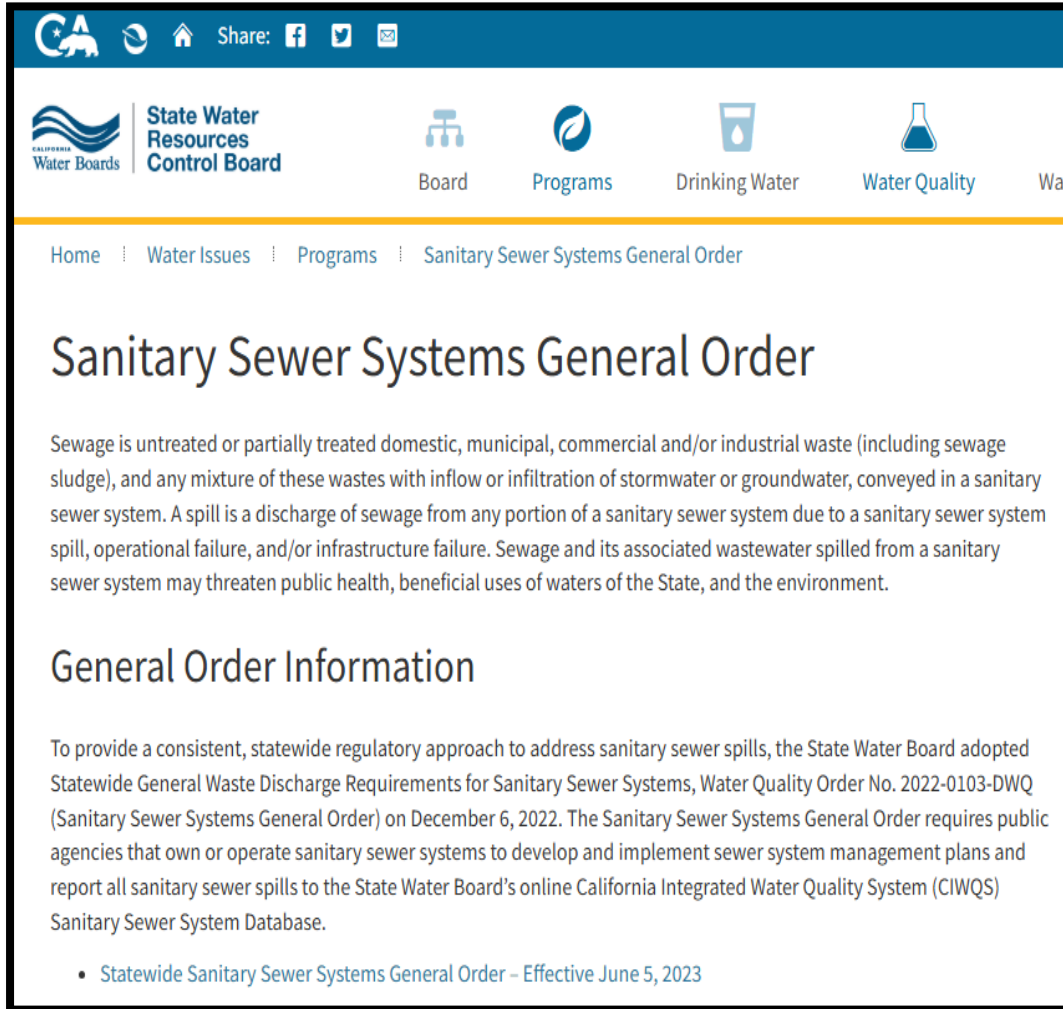
**STATE WATER RESOURCES CONTROL BOARD
1001 I Street, Sacramento, California 95814
ORDER WQ 2022-0103-DWQ**

**STATEWIDE WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER FOR SANITARY SEWER SYSTEMS**

Effective June 5, 2023



KEY MILESTONES FOR WDR COMPLIANCE



The screenshot shows the website of the State Water Resources Control Board. The header includes the California Water Boards logo and navigation links for Board, Programs, Drinking Water, and Water Quality. The main content area is titled "Sanitary Sewer Systems General Order" and includes a definition of sewage and a section for "General Order Information" which states that the State Water Board adopted Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Water Quality Order No. 2022-0103-DWQ on December 6, 2022. A bullet point at the bottom indicates the "Statewide Sanitary Sewer Systems General Order – Effective June 5, 2023".

Sanitary Sewer Systems General Order

Sewage is untreated or partially treated domestic, municipal, commercial and/or industrial waste (including sewage sludge), and any mixture of these wastes with inflow or infiltration of stormwater or groundwater, conveyed in a sanitary sewer system. A spill is a discharge of sewage from any portion of a sanitary sewer system due to a sanitary sewer system spill, operational failure, and/or infrastructure failure. Sewage and its associated wastewater spilled from a sanitary sewer system may threaten public health, beneficial uses of waters of the State, and the environment.

General Order Information

To provide a consistent, statewide regulatory approach to address sanitary sewer spills, the State Water Board adopted Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Water Quality Order No. 2022-0103-DWQ (Sanitary Sewer Systems General Order) on December 6, 2022. The Sanitary Sewer Systems General Order requires public agencies that own or operate sanitary sewer systems to develop and implement sewer system management plans and report all sanitary sewer spills to the State Water Board's online California Integrated Water Quality System (CIWQS) Sanitary Sewer System Database.

- Statewide Sanitary Sewer Systems General Order – Effective June 5, 2023

- May of 2023- Legally Responsible Official Certifies for Continuation of Regulatory Coverage.
- July 2023- Updated the Sewer Spill Emergency Response Plan and uploaded it to the State Database. (DKF Solutions)
- January 2025- Completed SSMP Audit for Audit Period 2021-2024. (Causey Consulting)
- Due August 2, 2025- SSMP Update with changes to comply with the updated General Order. (Causey Consulting)



Element 1 – SSMP Goal and Introduction

The goal of the SSMP is to provide a plan and schedule to:

1. Properly manage, operate, and maintain all parts of the Enrollee's sanitary sewer system(s).
2. Reduce and prevent spills.
3. Contain and mitigate spills that do occur.



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Dublin San Ramon Services District Sewer System Management Plan July 2025

WDID 2SSO10128

Originally Prepared: March 2007
Updated 2007, 2012, 2018, and 2025



Element 1 – SSMP Goal and Introduction



The updated goals of the DSRSD SSMP are as follows:

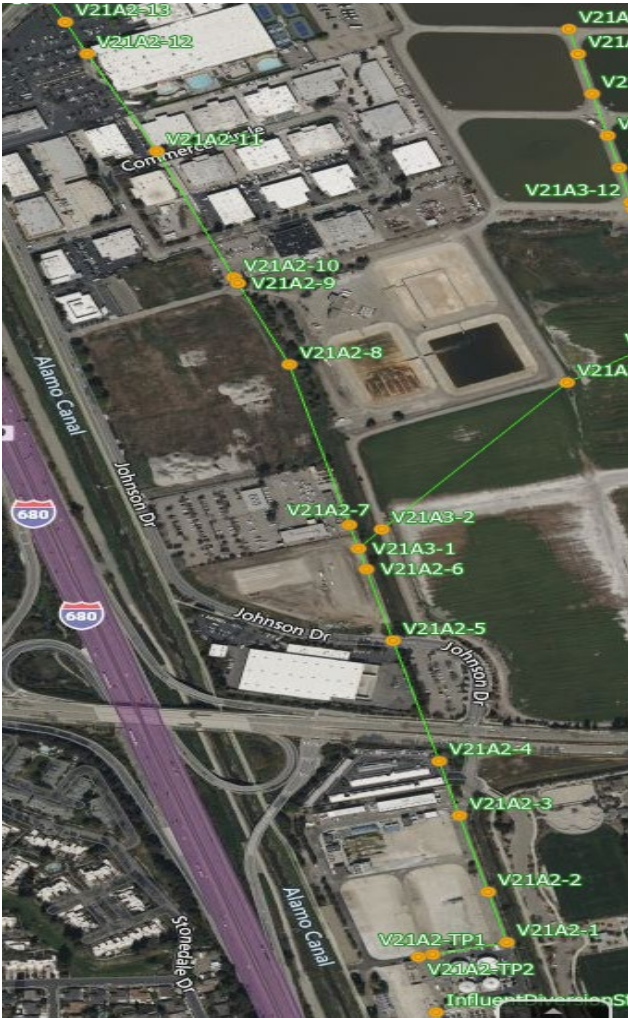
1. Properly manage, operate, and maintain all portions of the District's wastewater collection system to ensure we provide our customers the most reliable collection system possible.
2. Minimize the frequency of Sanitary Sewer Spills.
3. Mitigate the impacts associated with Spills.

SSMP goals support District's Mission and Goals, as stated in the current five-year Strategic Plan:

Strategic Plan FY 2026-FY2030 - <https://www.dsrsd.com/about-us/strategic-plan>



Element 1 – SSMP Goal and Introduction



- 1.3- Removed Lift Station 2, the Regional Pipeline, the Regional (EALS) Lift Station from the Collection System.
- Updated asset information tables for pipelines, force mains and our pump station.



Element 4: Operations and Maintenance



Pipeline Cleaning Interval

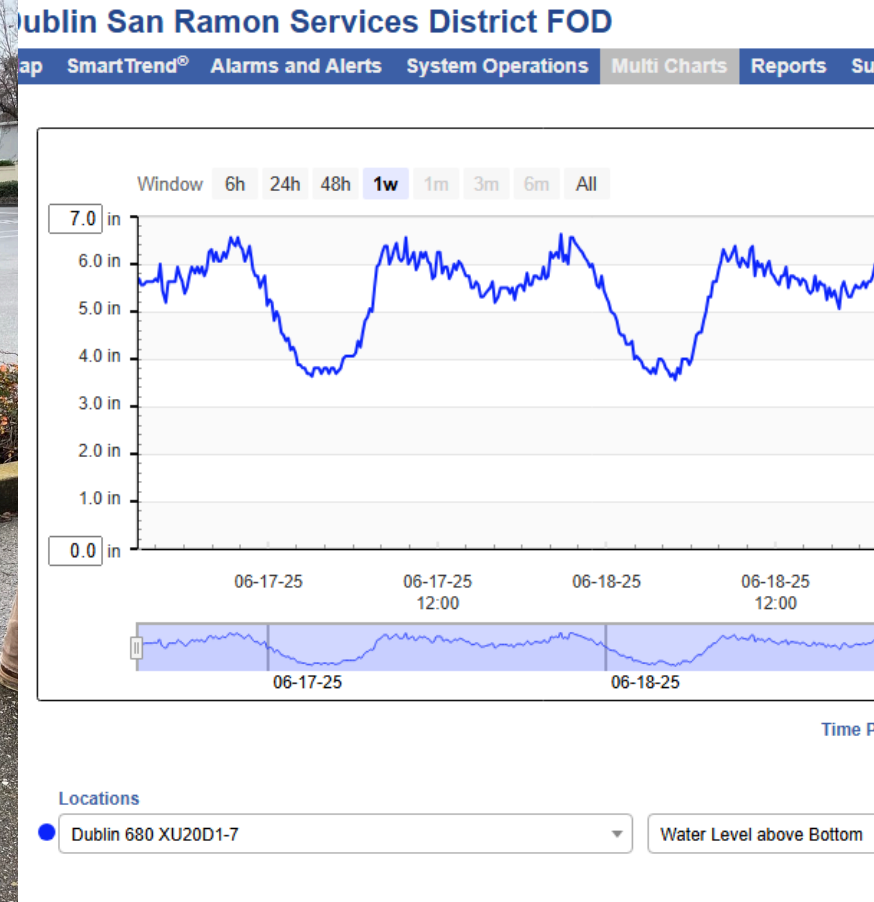
| Asset | Frequency |
|---|-------------------------------------|
| Pipes 15" and Smaller (District Staff) | 5 - 7 years (Approx 221.1 miles) |
| Pipes 18" and Larger (District Staff & Contractor) | 5-7 Years (Approx.11.4 miles) |
| Siphons | Monthly - Quarterly (0.13 miles) |
| Force Mains | Annually (0.01 miles) |



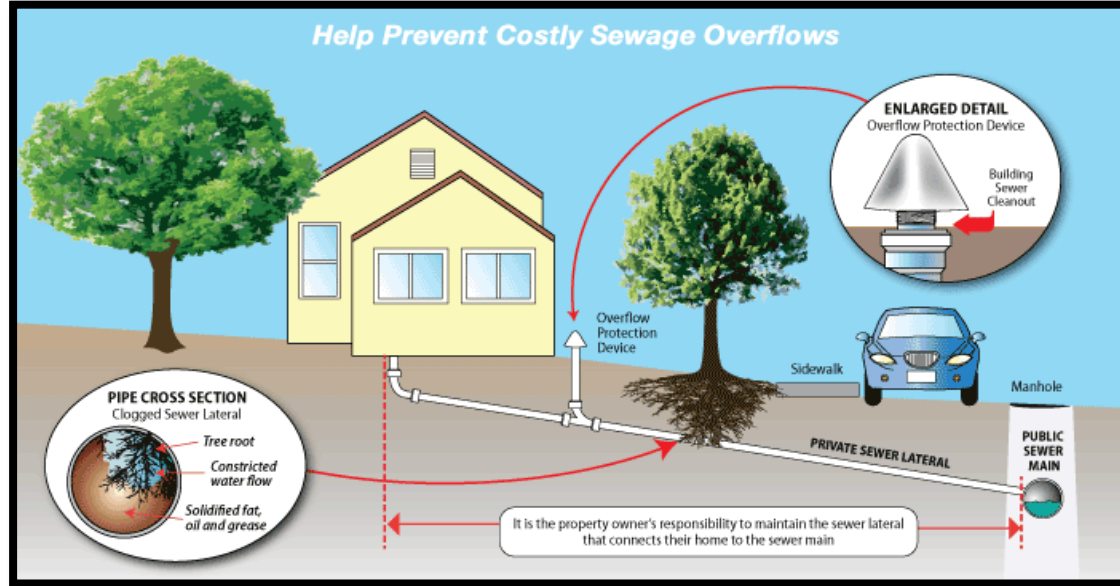
Element 4: Operations and Maintenance- Pipeline Cleaning



Element 4: Operations and Maintenance- Manhole Remote Monitoring



ELEMENT 4: OPERATIONS AND MAINTENANCE- PRIVATE SEWER LATERALS



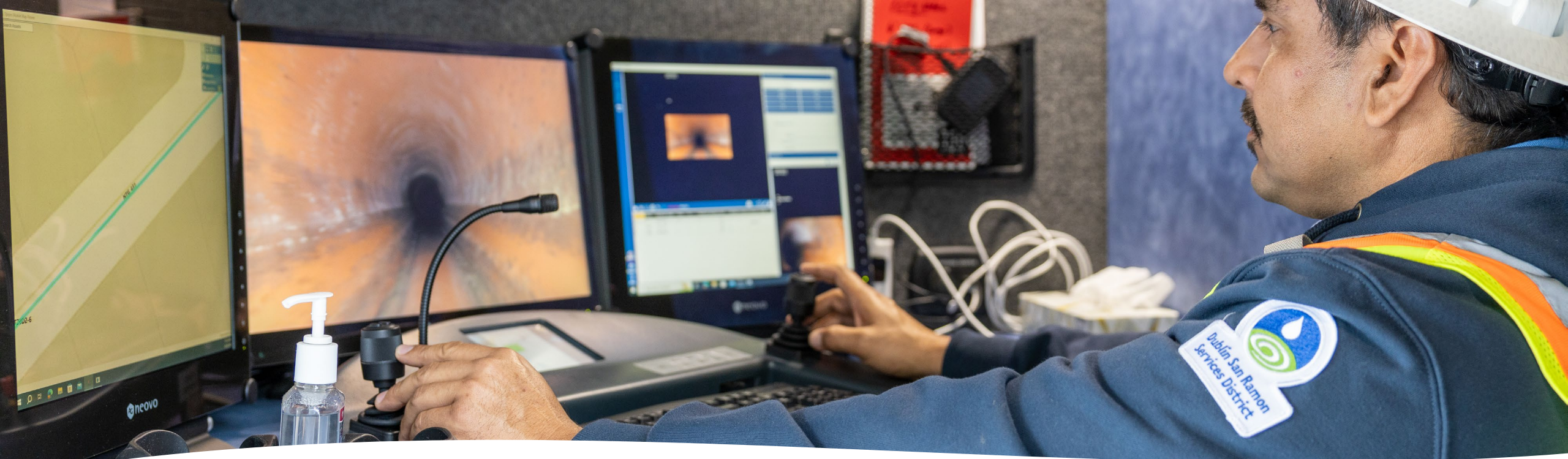
Private Sewer Laterals:

- Clarified the Private Property Owners responsibilities for maintenance, repair and replacement per Title 5 of the District Code.



Private Lateral Spills:

- Clarified the Private Property Owners and the Governing Cities responsibilities for clean up and mitigation.



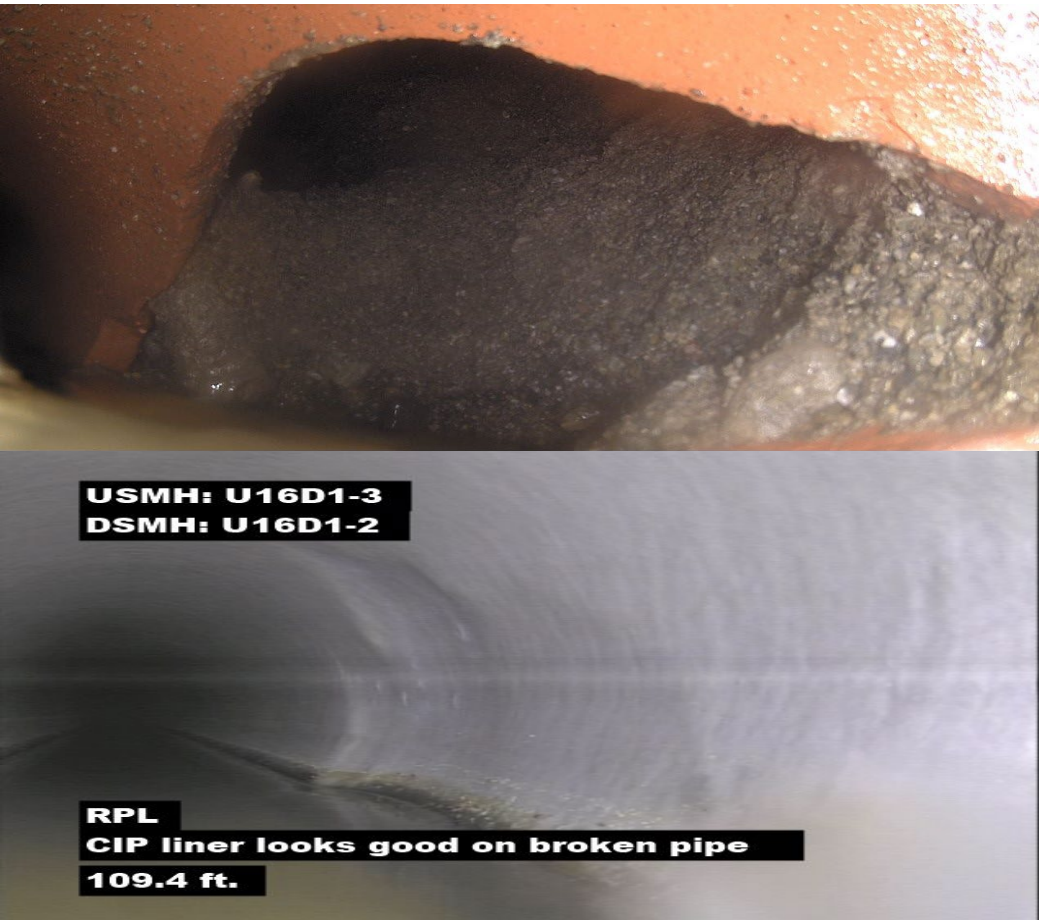
Element 4: Operations and Maintenance- CCTV PROGRAM

- Sewer Lines 15" and Smaller: 10-year schedule. Approx. 120,000 linear feet per year.
- Sewer Lines 18" and Larger: 10 years or as necessary under a CIP project by a Contractor. Next Assessment is scheduled for summer of this year 2034.
- Trouble Spots: 5-7 Years
- Force Mains and Siphons: 10 Years



Element 4: Operations and Maintenance- CCTV PROGRAM

Pipeline Structural Condition Assessment



Pipeline O&M Assessment



Element 6: Spill Emergency Response Plan

Dublin San Ramon Services District

Sewer Spill Emergency Response Plan

Effective Date: June 5, 2023

Revised Date: July 16, 2023

Approved by: Clint Byrum

Signature: 

Date: July 16, 2023

Prepared by: David Patzer
DKF Solutions Group, LLC
dpatzer@dkfsolutions.com



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SANITARY SEWER OVERFLOWS (SSO's) to SANITARY SEWER SPILLS (SSS's)

Dublin San Ramon Services District

Sewer Spill/Backup Response Workbook



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Element 10 – Internal Audits and Updates

- SSMP Audits change from every 2 years to every 3 years and must be certified within 6 months of the of the required 3-year audit period.
(Next audit due February 2, 2028)
- SSMP Updates have changed from every 5 years to now due every 6 years. (Next update due August 2, 2031)
- SSMP Updates must be publicly considered and adopted by the Governing Body.

| Sewer System Management Plan & Subsequent Update Due Dates | | | | | |
|--|-------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|
| System Name | WDID Number | Original Plan Required Due Date | Required Plan Update Due Date | Required Plan Update Due Date | Required Plan Update Due Date* |
| Dublin San Ramon Serv Dst CS | 2SSO10128 | 8/2/2009 | 8/2/2014 | 8/2/2019 | 8/2/2025 |

| Audit Due Dates | | | | | | | | |
|------------------------------|-------------|---------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------------|
| System Name | WDID Number | Original Required Plan Audit Due Date | Required Plan Audit Due Date | Required Plan Audit Due Date | Required Plan Audit Due Date | Required Plan Audit Due Date | Required Plan Audit Due Date | End of Required 3-Year Audit Period** |
| Dublin San Ramon Serv Dst CS | 2SSO10128 | 8/2/2011 | 8/2/2013 | 8/2/2015 | 8/2/2017 | 8/2/2019 | 8/2/2021 | 8/2/2024 |

* Per Section 5.5 and Attachment E1, Section 3.11 of the General Order, Plan updates are due within six years after the required due date of the Enrollee's last Plan Update.

** Per Section 5.4 and Attachment E1, Section 3.10 of the General Order, the Audit Report is due within six months after the end of the required 3-year audit period.



Special Recognition

Engineering and Technical Services Department

Laboratory and Technical Services Division

Regulatory Compliance

Public Affairs Division

Field Operations Division



2023

San Francisco Bay Section
Small Collection System of the Year



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Questions?



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Danny Ward, Water/Wastewater Supervisor

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