



**ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA
TRABUCO CANYON WATER DISTRICT
ADMINISTRATION FACILITY
32003 DOVE CANYON DRIVE, TRABUCO CANYON, CA
APRIL 1, 2026 AT 2:00 PM**

COMMITTEE MEMBERS

Mark Anderson, Committee Chair
Edward Mandich, Committee Member
Glenn Acosta, Committee Member Alternate

DISTRICT STAFF

Larry McKenney, General Manager
Michael Perea, Assistant General Manager
Lorrie Lausten, District Engineer
Gary Kessler, Water System Superintendent
Oscar Ulloa, Wastewater Superintendent
Jason Stroud, Maintenance Superintendent

AGENDA NOTE:

This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

Computer Audio: You can join the Zoom meeting by clicking on the following link:
<https://zoom.us/j/98648668880>

Telephone Audio: 1 (669) 900-6833 **Access Code:** 986-4866-8880

Persons desiring to monitor the Committee meeting agenda items may download the agenda and documents on the internet at www.tcwd.ca.gov. You may submit public comments by email to the Committee at mperea@tcwd.ca.gov. In order to be part of the record, emailed comments on meeting agenda items must be received by the District at the referenced e-mail address not later than 1:00 p.m. (PDT) on the day of the meeting.

CALL MEETING TO ORDER

VISITOR PARTICIPATION

Members of the public wishing to address the Committee regarding a particular item on the agenda are requested to submit public comments at the time of the meeting or by email to the Committee at mperea@tcwd.ca.gov. The Committee Chair will call on the visitor following the Committee's discussion about the matter. Committees do not constitute a quorum of the Board of Directors and Committee Members cannot make decisions on matters. The Committee makes recommendations only to the Board of Directors. Members of the public will be given the opportunity to speak to the Committee prior to making a recommendation on the matter. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.

ORAL COMMUNICATION

Members of the public who wish to make comment on matters not appearing on the agenda are requested to submit oral communication at the time of the meeting by email to the Committee at mperea@tcwd.ca.gov. Under the requirements of State Law, Directors cannot take action on items not identified on the agenda and will not make decisions on such matters. The Board President may direct District Staff to follow up on issues as may be deemed appropriate. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.

COMMITTEE MEMBER COMMENTS

REPORT FROM THE GENERAL MANAGER

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA | APRIL 1, 2026**

ENGINEERING MATTERS

PRESENTER(S):

Larry McKenney, General Manager
Michael Perea, Assistant General Manager
Lorrie Lausten, District Engineer

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

RECOMMENDED ACTION:

Approve the following Engineering/Operational Committee Meeting Recap(s) and recommend that the Board receive and file same (Consent Calendar).

1. *March 4, 2026 Committee Meeting*

ITEM 2: HAMILTON OAKS COMMUNITY PRESSURE ZONE TECHNICAL MEMORANDUM UPDATE

RECOMMENDED ACTION:

Receive information at the time of the Committee Meeting and make recommendations as necessary.

ITEM 3: QUARTERLY CAPITAL IMPROVEMENT PROGRAM UPDATE

RECOMMENDED ACTION:

Receive information at the time of the meeting. No action required.

ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Dimension Water Treatment Plant Transmission Main Rehabilitation Project
2. Saddle Crest Inlet/Outlet Pipeline Project Update
3. Pipeline Condition Assessment Update
4. Dove Urban Water Recovery Pump Station Access Road Improvements
5. Dove Recycled Pump Station Contract Award

RECOMMENDED ACTION:

Committee to receive project status updates at the time of the Committee Meeting.

OPERATIONAL MATTERS

PRESENTER(S):

Gary Kessler, Water System Superintendent
Oscar Ulloa, Wastewater Operations Superintendent
Jason Stroud, Maintenance Department Superintendent

ITEM 5: WATER SYSTEM UPDATES

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

ITEM 6: WASTEWATER SYSTEM UPDATES

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.



**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA | APRIL 1, 2026**

ITEM 7: MAINTENANCE DEPARTMENT UPDATES

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

REGULATORY AND OTHER MATTERS

ITEM 8: OTHER MATTERS/REPORTS

RECOMMENDED ACTION:

Hear Other Matters/Reports that may have arisen after the posting of the agenda.

ADJOURNMENT

AVAILABILITY OF AGENDA MATERIALS

Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Trabuco Canyon Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection at the Trabuco Canyon Water District Administrative Facility, 32003 Dove Canyon Drive, Trabuco Canyon, California (District Administrative Facility) or will be posted online on the District's website located at www.tcwd.ca.gov. If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available online at www.tcwd.ca.gov at the same time as they are distributed to the Board Members, except that, if such writings are distributed immediately prior to or during the meeting, they will be posted online on the District's website located at www.tcwd.ca.gov.

COMPLIANCE WITH THE REQUIREMENTS OF CALIFORNIA GOVERNMENT CODE SECTION 54954.2

In compliance with California law and the Americans with Disabilities Act, if you need special disability-related modifications or accommodations, including auxiliary aids or services in order to participate in the meeting, or if you need the agenda provided in an alternative format, please contact the District Secretary at (949) 858-0277, at least 48 hours in advance of the scheduled Board meeting. Notification at least 48 hours prior to the meeting will assist the District in making reasonable arrangements to accommodate your request. The Board Meeting Room is wheelchair accessible.



**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

ENGINEERING MATTERS

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

RECOMMENDED ACTION:

Approve the following Engineering/Operational Committee Meeting Recap(s) and recommend that the Board receive and file same (Consent Calendar):

1. *March 4, 2026 Committee Meeting*

CONTACTS (staff responsible): McKENNEY/PEREA



**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MARCH 4, 2026**

DIRECTORS PRESENT

Mark Anderson, Committee Chair
Edward Mandich, Committee Member

STAFF PRESENT

Larry McKenney, General Manager
Michael Perea, Assistant General Manager
Lorrie Lausten, District Engineer
Gary Kessler, Water Superintendent
Oscar Ulloa, Wastewater Superintendent
Jason Stroud, Maintenance Superintendent
Dave Rodriguez, Principal Engineer
Karen Warner, Principal Accountant
Phil Serpas, CMMS/SCADA Administrator

STAFF ABSENT

Roseann Lejsek, Executive Assistant

DISTRICT CONSULTANTS

None

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Anderson called the March 4, 2026 Engineering/Operational Committee Meeting to order at 2:00 p.m.

VISITOR PARTICIPATION

No comments were received.

ORAL COMMUNICATION

No comments were received.

COMMITTEE MEMBER COMMENTS

None

REPORT FROM THE GENERAL MANAGER

Mr. McKenney briefly commented on the continuing discussions with Santa Margarita Water District (SMWD) on the District's RFP for Combined Services to Achieve Rate Relief.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. McKenney presented the Engineering/Operational Committee Meeting Recap for Committee review in accordance with the agenda.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MARCH 4, 2026**

RECOMMENDATION: The Committee recommended forwarding this matter to the Board of Directors (Consent Calendar).

ITEM 2: DOVE RECYCLED WATER PUMP STATION IMPROVEMENTS – CONSTRUCTION CONTRACT AWARD

Ms. Lausten presented this matter for Committee consideration, and she reported that District staff requested bids from seven pre-approved contractors and has received two bids for this project. Ms. Lausten provided a bid overview handout, and she reviewed the cost differences with the Committee. Discussion occurred concerning the project description and funding challenges. Ms. Lausten recommended no action on this project at this time due to capital project debt financing scheduling, but to bring this project back at a later date.

RECOMMENDATION: No recommendation on this matter. No action taken.

ITEM 3: DOVE URBAN WATER RECOVERY PUMP STATION ACCESS ROAD IMPROVEMENTS – CONSTRUCTION CONTRACT AWARD

Ms. Lausten presented this matter for Committee consideration, and she provided an overview of the project to the committee. She reported that the proposed construction work is specific to a smaller portion of the project, including re-grading and paving of the access road for the planned station improvements. Ms. Lausten added that this remaining portion of this project is grant funded through US Bureau of Reclamation and South Orange County Integrated Regional Watershed Management (IRWM) Area funding. Discussion occurred concerning the existing condition of the golf course path to the site and related documentation.

RECOMMENDATION: *The Committee recommended the Board of Directors authorize the General Manager to award a construction contract for the Dove Pump Station Access Road to JES Engineering Contractors in the amount of \$62,616.82 plus a 10% contingency of \$6,261, for a not-to-exceed amount of \$68,877.82 (Action Calendar).*

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Dimension Water Treatment Plant Transmission Main Rehabilitation Project

Ms. Lausten provided a project update and reported that Phase 1B would be completed by the end of the week. She added that a section of the pipeline in the planned Phase 2B was inspected by video and demonstrated an interior eight-foot crack. Ms. Lausten reported that the contractor and staff have worked to use the remaining liner overage on this section of the damaged pipeline and the work is expected to be within the project budget.

2. Hamilton Oaks Community Pressure Zone Technical Memorandum Update

Ms. Lausten provided a project update and reported that staff have met with Orange County Fire Authority (OCFA) staff to receive feedback on the proposed pressure zone alternatives. Discussion occurred concerning the project alternatives and related challenges, including pressure and water quality impacts. Director Mandich recommended that staff identify potential grant funding opportunities for this type of project. Director Anderson recommended that staff follow up with OCFA on the storage-only alternative compliance with their regulations.

3. Saddle Crest Inlet/Outlet Pipeline Project Update

Mr. Kessler provided a brief project update on the pipeline pressure testing and bacteriological testing.

4. Pipeline Condition Assessment

Ms. Lausten provided a brief update on this project, and she reported that Hazen is scheduled to provide a preliminary assessment mid-March. Discussion occurred concerning project goals and including the findings in

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MARCH 4, 2026**

the cost-of-service study. Director Anderson added that he prepared a spreadsheet with pipeline condition assumptions based on age and size and provided it to the General Manager for their consideration.

RECOMMENDATION: None

ITEM 6: WATER SYSTEM UPDATES

Mr. Kessler reviewed the projects and repairs for the prior month, and he reported that Water Operations staff had completed the following tasks:

1. Installed new 4” butterfly valve on high pressure blowoff at DWTP.
2. Replaced all old dielectric couplings with stainless steel couplings at Ridgeline PS.
3. Added vent fan to Rose PRV to prevent condensation build up in vault.
4. Drained and flushed 2,000 gallon chlorine tank and replaced all chemical feed lines at DWTP.
5. Worked with contractor at Saddle Crest to separate inlet/outlet piping to reservoir.
6. Continued to work with T.E. Roberts on 16” MTL replacement.

Mr. Kessler presented the Water System Operations Summary for Committee review.

RECOMMENDATION: None – Informational item only.

ITEM 7: WASTEWATER SYSTEM UPDATES

Mr. Ulloa reviewed the projects and repairs for the prior month, and he reported that Wastewater Operations staff had completed the following tasks:

1. Managed shutdown of the WWTP to replace new main feeders and breakers to the blower room (Hydrotech performed electrical work).
2. Installed and calibrated new level indicators for East and West SBR at the WWTP.
3. Repaired and flushed water line for the West SBR at the WWTP.
4. Repaired the submersible pump and cleaned the wet well at Dove Creek.
5. Set up a new sludge hauling solution and landfill for biosolids removal.

Mr. Ulloa presented the Recycled Water System Summary for Committee review, and he reported that reservoir level was 1272 feet and Dove Lake was full.

RECOMMENDATION: None – Informational item only.

ITEM 8: MAINTENANCE DEPARTMENT UPDATES

Mr. Stroud reviewed the projects and repairs for the prior month, and he reported that Maintenance staff completed the following tasks:

Projects and Repairs

Maintenance staff performed and/or completed the following tasks and projects:

Water Operations

1. Working with Tekdraulics on Robinson Ranch Booster Pump Station for pump #1 replacement.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MARCH 4, 2026**

Wastewater Operations

1. Assisted contractor with Robinson Ranch Wastewater Treatment Plant (WWTP) electrical shut down for the replacement of main electrical breaker and power supply cables.
2. Met with Southern California Edison (SCE) for power shut down at transformer for new main power supply breaker to be replaced with rebuilt unit.
3. Robinson Ranch recycled booster pump and motor sent off to Evans Hydro for inspection, cleaning, and mechanical seal upgrade.
4. Assisted with Dove Creek dry season station wet well cleaning, pump inspection and new discharge plate install, replace failed soft start and tested for correct operation.
5. Assisted with offload of new headworks equipment.

District Fleet Upgrades & Other Projects

1. Helped prep for asphalt work done at WWTP.

RECOMMENDATION: None – Informational item only.

ITEM 9: OTHER MATTERS/REPORTS

No other matters were reported.

RECOMMENDATION: None

ADJOURNMENT

Director Anderson adjourned the March 4, 2026 Engineering/Operational Committee Meeting at 2:58 p.m.

DRAFT

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

ENGINEERING MATTERS

ITEM 2: HAMILTON OAKS COMMUNITY PRESSURE ZONE TECHNICAL MEMORANDUM UPDATE

The Hamilton Oaks community is located in the unincorporated County of Orange portion of the District’s service area and includes approximately thirty-five (35) homes. The Hamilton Oaks community is situated near the same elevation as the Harris Grade above-ground reservoirs near the community. The District completed a 2022 System-wide Master Plan Update (Master Plan) with the assistance of Hazen to perform a review of all systems and to identify areas of improvement.

In Section 6.5 Distribution System Pressure, Hazen provided an overview of the District’s minimum pressure criteria and indicated that “low- and high-pressure areas in the system are primarily attributed to elevation...it is also typically not preferred in operations to change pressures for certain areas because the pipelines are accustomed to certain pressures and raising those pressures could result in leaks or breaks.”

Many of the homes in the Hamilton Oaks community have historically had low pressures due to the relatively high elevations in the Harris Grade Zone along Hamilton Trail; this was documented in the 2022 Master Plan in Section 6.5. In their recommendations, Hazen indicated that a proposed solution would be “the installation of a parallel line and a new pump station, essentially creating a new sub zone, would be required to mitigate low pressures along Hamilton Trail.” (6.6.2)

Based on feedback and input from District customers in the Hamilton Oaks community, District staff requested a Technical Memorandum (TM) and conceptual estimate from Hazen on this potential system improvement (attached). The TM analyzed four alternatives which are summarized below:

<u>Alternative</u>	<u>Components</u>	<u>Cost</u>
1	New Pump Station serving normal demands + fire flow	\$7,021,514.00
2	New Pump Station serving fire flow only	\$5,668,042.00
3	New Reservoir to serve fire flow only, with new pump station to fill reservoir	\$7,033,363.00
4	New Reservoir, new pump station, and 4 fire hydrants serving fire flow only	\$5,581,525.00

The Committee previously reviewed the alternatives and suggested no action be taken unless grant funding can be secured. The Committee also asked staff to confer further with OCFA on reduced alternatives.

More information may be presented at the time of the meeting.

FUNDING SOURCE:

TBD

FISCAL IMPACT (PROJECT BUDGET):

TBD

ENVIRONMENTAL COMPLIANCE:

TBD

RECOMMENDED ACTION:

Receive information at the time of the Committee Meeting and make recommendations as necessary.

EXHIBIT(S):

None

CONTACTS (staff responsible): MCKENNEY/PEREA/LAUSTEN

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

ENGINEERING MATTERS

ITEM 3: QUARTERLY CAPITAL IMPROVEMENT PROGRAM UPDATE

This report summarizes the status of Trabuco Canyon Water District’s (District’s) twelve projects included in the Fiscal Year 2025-26 Capital Improvement Program (CIP), as summarized below. Project specific information will be presented to the Committee at the time of the meeting.

Status of the CIP Projects	
No.	Status
3	Completed
3	In Construction
4	Design/Planning
1	Ongoing
1	On Hold

FUNDING SOURCE:

Capital Improvement Program

FISCAL IMPACT (PROJECT BUDGET):

\$10,499,177

ENVIRONMENTAL COMPLIANCE:

Not Applicable

RECOMMENDED ACTION:

Receive information at the time of the meeting. No action required.

EXHIBIT(S):

1. CIP FY25-26 Budget Update

CONTACTS (staff responsible): McKENNEY/LAUSTEN

**TRABUCO CANYON WATER DISTRICT
CAPITAL IMPROVEMENT PLAN BUDGET
FY 2025/2026 UPDATE**

Item	Name	Status	Project Basis	FY25/26 Budget (Adopted)	Multi-Year Budget (Adopted)	Multi-Year Budget (Revised)	Revised Budget Basis
WATER PROJECTS							
1	Live Oak Canyon Pipeline Replacement	Design/Planning	Reliability	\$225,000	\$3,489,000	\$3,489,000	-
2	DWTP Electrical Improvements	Design/Planning	End of Service Life	\$300,000	\$2,000,000	\$2,000,000	-
3	DWTP Pipeline Improvements ⁽¹⁾	Completed	End of Service Life	\$7,000,000	\$11,000,000	\$11,000,000	-
4	Fire Flow Availability-Trabuco Oaks	Design/Planning	Reliability	\$150,000	\$1,539,800	\$1,539,800	-
5	Saddlecrest Reservoir Outlet Pipe	Completed	Reliability	\$275,000	\$300,000	\$300,000	-
Sub-Total				\$7,950,000	\$18,328,800	\$18,328,800	
SEWER PROJECTS							
6	WWTP Blower Bldg Rehab-Blowers and MCC	In Construction	Reliability	\$1,290,177	\$1,995,000	\$2,600,000	Actual
7	Chiquita Capital Reim. (SMWD)	Ongoing	Contract Agreement	\$140,000	-	-	-
8	Heritage SLS Rehabilitation (Site, Electrical & Mechanical)	In Construction	End of Service Life	\$400,000	\$1,506,360	\$2,500,000	Actual
9	WWTP Headworks Rehabilitation	In Construction	End of Service Life	\$370,000	\$380,000	\$380,000	-
Sub-Total				\$2,200,177	\$3,881,360	\$5,480,000	
NON-DOMESTIC WATER PROJECTS							
10	Dove/Robinson Ranch Recycled BPS Improvements	On Hold	End of Service Life	\$560,000	\$1,430,000	\$2,585,000	Actual
11	Dove & Tick Creek Pump Station Improvements	Design/Planning	Reliability	\$259,700	\$1,119,400	\$2,500,000	Estimate
	<i>Dove & Tick Creek Pump Station Improvements-Grant Funding</i>			-\$220,700	-\$967,080	-\$967,080	-
Sub-Total				\$599,000	\$1,582,320	\$4,117,920	
Shared Projects							
12	<i>Server Upgrades-Grant Funding</i>	Completed		-\$250,000	-	-	-
Sub-Total				-\$250,000			
Total				\$10,499,177	\$23,792,480	\$27,926,720	

(1) Phase 1A, 1B, 1C Change Order and Regency 300 LF are completed; Phase 2 - In Design

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

ENGINEERING MATTERS

ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Dimension Water Treatment Plant Transmission Main Rehabilitation Project
2. Saddle Crest Inlet/Outlet Pipeline Project Update
3. Pipeline Condition Assessment Update
4. Dove Urban Water Recovery Pump Station Access Road Improvements
5. Dove Recycled Pump Station Contract Award

RECOMMENDED ACTION:

Committee to receive project status updates at the time of the Committee Meeting.

EXHIBIT(S):

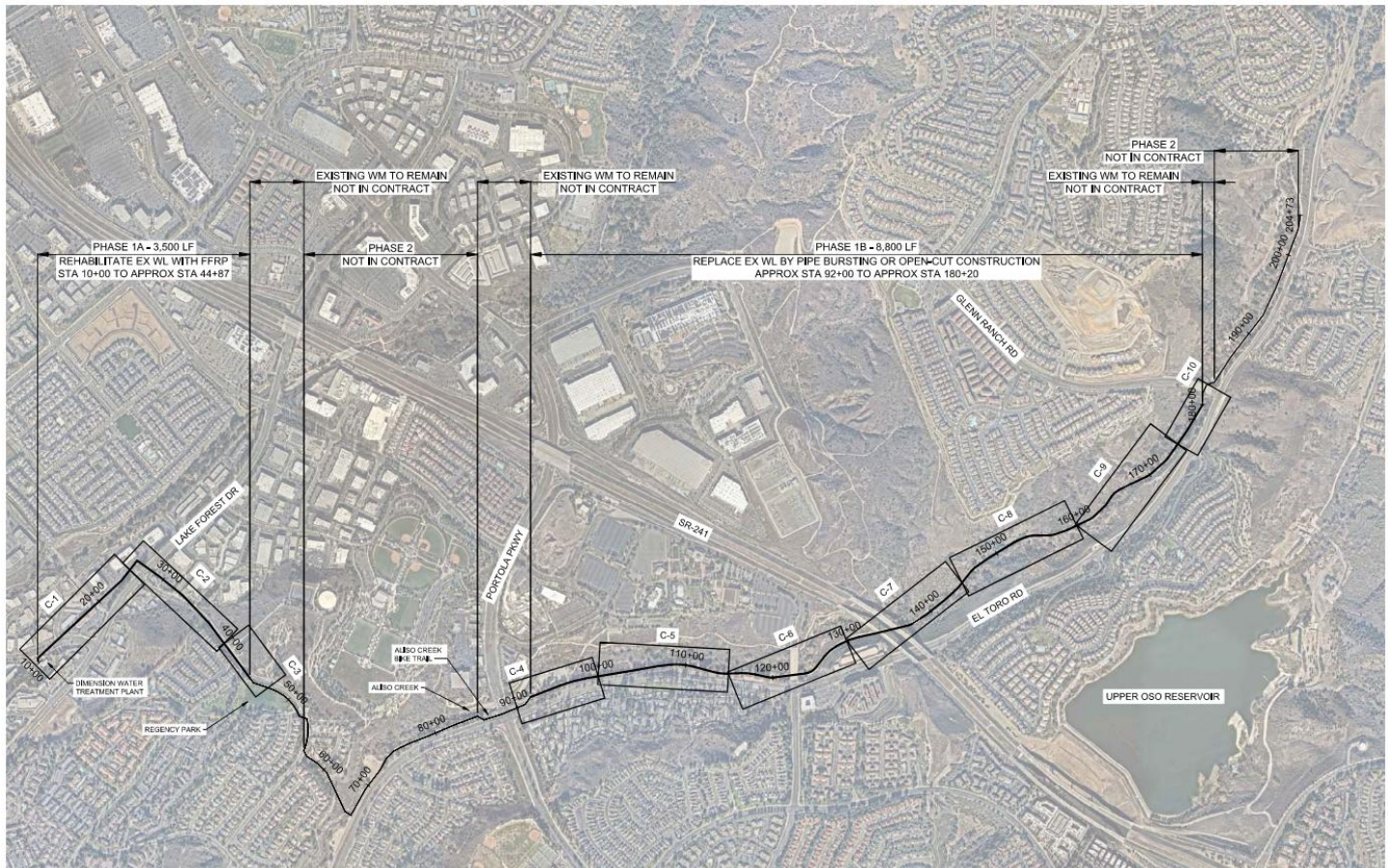
1. DWTP Transmission Main Monthly Construction Report

CONTACTS (staff responsible): McKENNEY/LAUSTEN



Phase 1A/1B/1C and Phase 2 - DWTP Transmission Main Rehabilitation and Replacement Project

Construction Report March 2026



I. GENERAL PROJECT INFORMATION

Contractor

TE Roberts, Inc.

Contract Time

Original Calendar Days:	153 Days
Notice to Proceed:	June 23, 2025
Material Delivery:	August 5, 2025
Original Contract Completion Date:	Jan 5, 2026
Revised Contract Completion Date:	April 10, 2026

Contract Price

Phase 1A Revised Contract Total [Executed]:	\$1,761,263.05
Phase 1A Change Order Requests [Pending Execution]:	\$6,397.19
Phase 1B Revised Contract Total [Executed]:	\$4,130,988.16
Phase 1B Contract Line-Item Credits [Pending Execution]:	-\$426,454.00
Phase 1C Contract Total [Pending]:	\$909,611.08
Phase 1C Change Order Requests [Pending]:	\$81,434.39

Total: **\$6,463,239.87**

Note: Phase 2 (Primus Liner) will be invoiced under Phase 1A.

Pending

II. CONSTRUCTION MANAGER SUMMARY

This report summarizes construction activities for March 2026 for the DWTP Transmission Main Rehabilitation and Replacement Project.

During March, construction efforts were primarily focused on advancing and nearing completion of Phase 1B pipeline installation activities, including open-cut installation of 16-inch DR 14 C900 PVC pipe, connection of fittings, and completion of system tie-ins. Work progressed along multiple alignments, including bike trail and roadway segments, with activities consisting of excavation, removal of existing CMLC steel pipeline, installation of new pipe, joint restraints, bedding, backfill, and paving restoration. Final connections between newly installed pipe and existing infrastructure were completed at several locations, requiring installation of reducers, couplings, and fittings to transition between pipeline sizes and materials. Field adjustments were performed as necessary to address alignment, depth, and constructability constraints encountered during installation.

In parallel, construction activities included the initiation of Phase 2 work within the Normandale HOA area. These efforts included excavation of insertion and receiving pits, installation of shoring systems, and installation of Primus liner. Initial liner operations commenced, including placement and connection of liner segments to existing pipeline infrastructure. Work within the HOA area required detailed coordination due to access limitations and existing utility conflicts. Activities also included localized excavation, removal of existing appurtenances, and preparation of connection points to facilitate transition between rehabilitated and newly installed pipeline segments.

Disinfection and chlorination activities were initiated and progressed throughout the month for completed pipeline segments. Work included introduction of chlorinated water into newly installed pipeline sections, monitoring of chlorine concentrations, and preparation for bacteriological sampling in accordance with project specifications. These efforts were coordinated with ongoing installation activities to allow for phased testing and progression toward system acceptance.

TE Roberts, Inc., in coordination with TCWD representatives, performed work at multiple locations simultaneously to support progression of installation, liner integration, and testing activities. Investigative efforts, including potholing and exposure of existing pipelines were performed as needed to verify alignment and support tie-in operations.

Backfill and restoration activities followed installation and connection work, including placement of sand bedding, warning tape, native backfill, mechanical compaction, and paving restoration across completed segments. GMU verified compaction where required.

Daily traffic control was implemented and maintained at all active work areas in accordance with approved traffic control plans, with coordination among the Contractor, subcontractors, and local agency inspectors.

March represented significant progress toward completion of Phase 1B and Phase 2 work and advancement of disinfection and chlorination activities supporting overall project completion.

III. ANTICIPATED CONSTRUCTION ACTIVITIES – NEXT REPORTING PERIOD

Anticipated construction activities for April 2026 will focus on completion of all Project Phases.

- Final Tie-in between Phase 1B and Phase 2
- Completion of asphalt restoration and striping
- Punch list work
- Project Closeout

IV. SCHEDULE

See Appendix A.

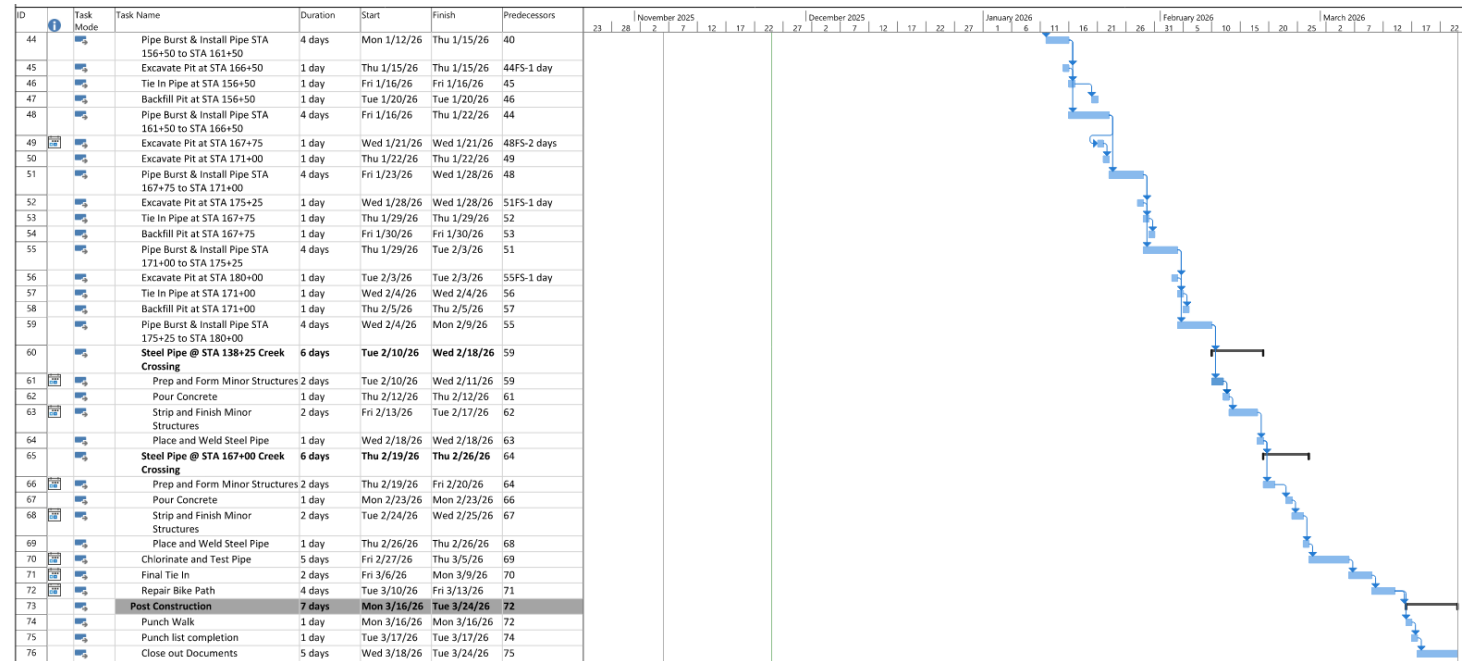
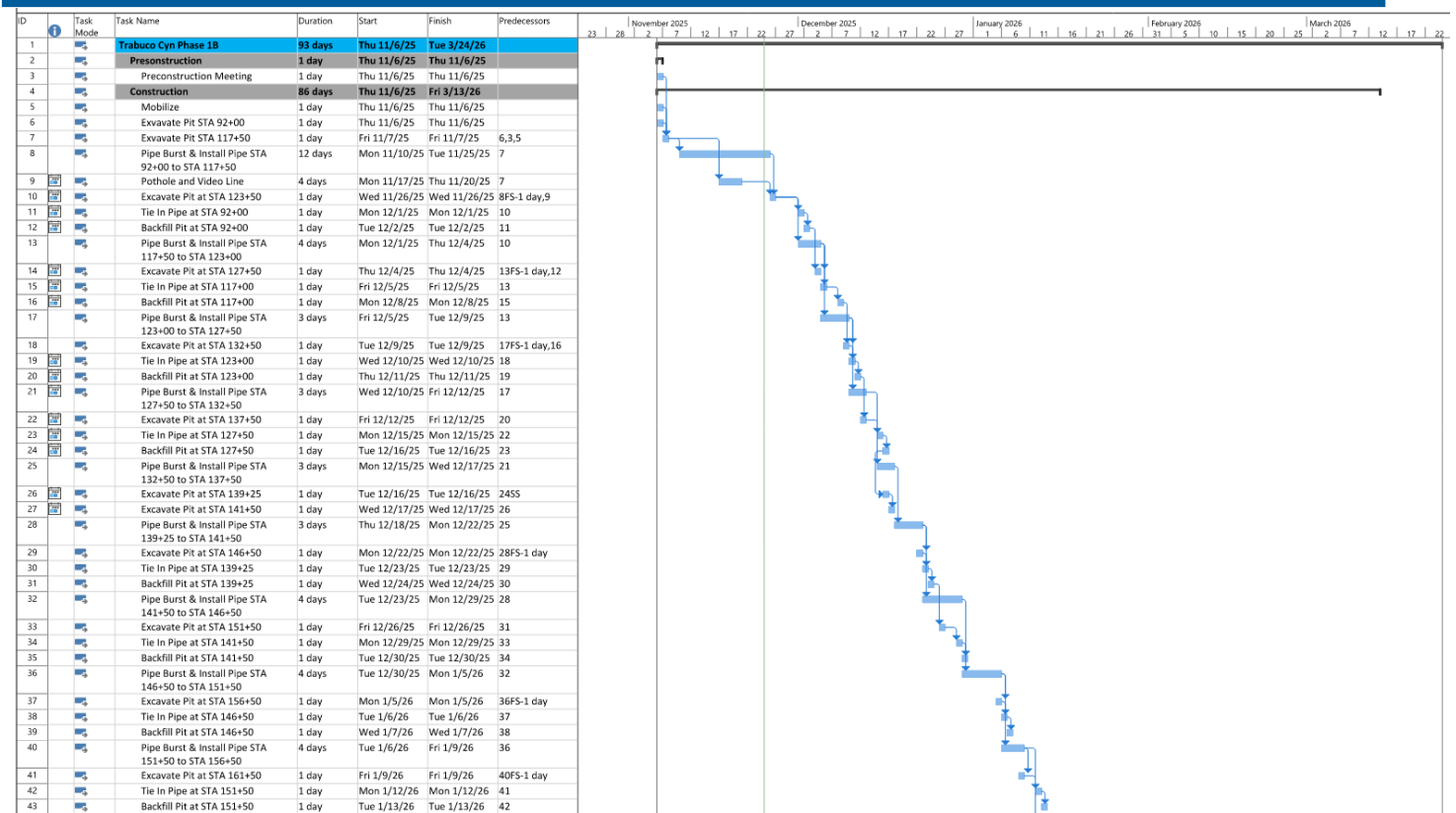
Contract Completion Date was extended to April 10, 2026 [from January 5, 2026] due to delay in permitting, miscellaneous procurement items, and the added scope of work for Phase 1C and Phase 2.

V. PHOTOS

Construction photos documenting TE Roberts' activities and progress during this reporting period are provided in Appendix B.

APPENDIX A

Schedule



APPENDIX B

Construction Photos



Phase 2 Receiving Pit



Grouting of Hand-Hole



Phase 2 Installation of Reducer



Phase 1B Air-Vac Installation



Phase 2 Pipe Connection at Receiving Pit



Phase 2 Primus Liner Fittings

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

OPERATIONAL MATTERS

ITEM 5: WATER SYSTEM UPDATES

The following is a brief report of the water system through **March 2026**.

Projects and Repairs

Water Operations staff performed and/or completed the following tasks and projects:

1. Flushed influent line from BWTP to DWTP through filter clarifiers and calibrated flow meters at the DWTP.
2. Worked with TE Roberts to pressure test, flush and chlorinate entire MTL.
3. Replaced another curb stop in Saddle Crest.
4. Worked with the Meter Dept. to downsize a 2” meter in Trabuco Oaks.
5. Restored TCWD service to Montessori School and Sanchez property.
6. Finished and submitted Electronic Annual Report.

Monthly Water System Operations Summary

The Monthly Water System Operations Summary is attached for the Committee’s review. Any anomalies will be presented at the time of the Engineering/Operational Committee Meeting.

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

EXHIBITS

1. Monthly Water System Operations Summary

CONTACTS (staff responsible): PEREA/KESSLER

TRABUCO CANYON WATER DISTRICT
MONTHLY WATER SYSTEM OPERATIONS SUMMARY - 2026

SYSTEM PRODUCTION/SUPPLIES	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
Number of Days	31	28	31	30	31	30	31	31	30	31	30	31	365
Dimension WTP	8%	17%	25%	33%	42%	50%	58%	67%	75%	83%	92%	100%	
SAC Pipeline Meter	0.0	0.0											0.0
Backwash, AF	0.0	0.0											0.0
Flushwater, AF	0.0	0.0											0.0
DWTP Effluent (1)	0.0	0.0											0.0
Groundwater, AF													
Trabuco Creek GWTF	0.0	0.0											0.0
U.S. Well AF	0.0	0.0											0.0
Total Groundwater (2)	0.0	0.0											0.0
Water Purchases, AF													
SMWD Treated Interconnection	0.0	0.0											0.0
IRWD Treated Interconnections	109.3	99.5											208.8
IRWD Irvine Lake	0.0	0.0											0.0
Total Purchases (3)	109.3	99.5											208.8
Total Supply													
Total Supply AF (1,2,3)	109.3	99.5											208.8
% Year - Peak Prod. - 2,449 AF (2018)	4%	9%											9%
AF/Day	3.5	3.2											3.4
CFS/Day, Avg.	1.8	1.6											1.7
Reservoir Storage													
Monthly Average, MG	9.0	9.0											9.0
Monthly Average, AF	27.0	27.0											27.0
Days of Storage	3.0	1.6											2.3
SYSTEM DEMANDS													
District Operations, AF (1)													
Dimension WTP	0.00	0.00											0.00
Robinson Ranch WWTP	0.040	0.030											0.070
Supplemental Domestic to RW Res.	0.0	0.0											0.00
Subtotal	0.040	0.030											0.07
System Losses, AF (2)													
Flushing	2.30	3.00											5.30
Sewer Cleaning	0.02	0.02											0.04
Line Breaks	0.00	0.00											0.00
Subtotal	2.32	3.02											5.34
Zone Demands, AF (3)													
Topanga Canyon	2.9	2.5											5.40
Falcon Estates	0.07	0.3											0.37
Rose PRV/The Oaks	0.9	0.7											1.60
Canyon Creek	0.2	0.1											0.30
Rose Pump Station	0.6	0.5											1.10
Robinson Ranch	23.3	20.0											43.3
Dove Canyon	48.4	48.0											96.4
Subtotal	76.4	72.1											148.5
Total System Demand (1,2,3)	78.7	75.2											153.9

**TRABUCO CANYON WATER DISTRICT
MONTHLY WATER SYSTEM OPERATIONS SUMMARY - 2026**

System Demands**													
AF/Day	3.5	3.2											3.4
Daily Average, CFS	18.0	1.6											9.8
Other Water Deliveries/Purchases													
Ridgeline (DWTP Delivery)	0.0	0.0											0.0
El Toro (Interconnection Purchase)	0.0	0.0											0.0
Baker WTP (CSC Delivery)	103.0	108.6											211.6
Portola Hills (Wholesale Purchase)	8.0	8.7											16.7
Skyridge (Wholesale Purchase)	2.0	1.8											3.8
* Usage estimated ** Excludes Operational use, losses, and supplement to Recycled Water Reservoir (RW)													

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

OPERATIONAL MATTERS

ITEM 6: WASTEWATER SYSTEM UPDATES

The following is a brief report of the wastewater system through **March 2026**.

Projects and Repairs

Wastewater Operations staff performed and/or completed the following tasks and projects:

1. Dove Creek pump station wet well clean up and weed abatement.
2. New emergency call-out float installed at Barneburg Lift Station.
3. Repaired air leak on East SBR blower line at WWTP.
4. Exercised the dam relief valve at the WWTP reservoir.
5. Met with SMWD for a walkthrough of the WWTP about consolidation.
6. Met with the environmentalist for a walkthrough of Dove and Tick Creek.

Sewer System Management Plan (SSMP) Report

The purpose of the program is to communicate on a regular basis with the public on the development, implementation, and performance of TCWD’s SSMP. Status updates on the work and type of work performed on the sewer system will be provided, including sewer line and manhole cleaning, system repairs, lift station cleaning, and updates from satellite facilities:

Sewer System Management Plan (SSMP) Monthly Update	
Total Sewer Line, Feet*	212,045
Total Sewer Line Cleaned (Ft) – Month	11,000
Total Sewer Line Cleaned (Ft) – Cleaning Cycle	33,000
Cleaning Cycle Period (Mos.) [Start date: 1/1/25]	3
Total Sewer Line Cleaned, %	15%
The Oaks at Trabuco – Pumping Frequency for the Month	13
O’Neill Park Sewer System Status	Ok
O’Neill Park Sewer System Repairs	None
SSMP Quarterly Report – <i>Next Quarterly Report</i>	1Q 2026
SSMP Program Audit – <i>Next Audit Report**</i>	March 2026

**This amount includes the OC Parks-owned O’Neill Park sewer system the District is contracted to clean.*

***Periodic internal audits shall be conducted, at a minimum every two years, with reports kept on file. The audit shall focus on evaluating the effectiveness of the SSMP and TCWD’s compliance with the mandatory elements of TCWD’s SSMP:*

Monthly Recycled Water System Operations Summary

The Monthly Recycled Water System Operations Summary is attached for the Committee’s review. Any anomalies will be presented at the time of the Engineering/Operational Committee Meeting.

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

EXHIBITS

1. Monthly Recycled Water System Operations Summary
2. Sewer System Monitoring Plan (SSMP) Program Annual Audit Report 2026

CONTACTS (staff responsible): PEREA/ULLOA

TRABUCO CANYON WATER DISTRICT | RECYCLED WATER SYSTEM SUMMARY - 2026

RECYCLED WATER SUPPLY															
	MAX	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	FIVE YEAR AVG
WWTP Reclaimed Water Production, AF	78.3	42.9	32.8											75.7	495.0
Reclaimed Reservoir Level, FT	1274.5	1,270.0	1,272.1											-	-
Reclaimed Reservoir Free Board, FT	25.5	4.5	2.4											-	-
Reclaimed Reservoir Storage, AF	145.5	118.8	129.3											-	-
Supplemental Domestic Water Added, AF	N/A	0.0	0.0											0.0	5.2
RECYCLED WATER SYSTEM DEMAND															
NON DOMESTIC WATER USER	ALLOC. AF	8% JAN	17% FEB	25% MAR	33% APR	42% MAY	50% JUN	58% JUL	67% AUG	75% SEP	83% OCT	92% NOV	100% DEC	TOTAL	ALLOC. %
Dahlia Court	8.2	0.28	0.25											0.5	6.4%
Dove Canyon Golf Course	106.7	4.16	3.1											7.2	6.8%
Dove Canyon Master Association	279.3	4.65	6.2											10.9	3.9%
Robinson Ranch	80.2	1.31	2.5											3.8	4.8%
Trabuco Highlands	159.7	1.12	0.9											2.0	1.2%
City of RSM	0.1	0.01	0.01											0.01	10.8%
Construction Water	N/A	0.00	0.0											0.00	N/A
Sakaida Nursery	1.1	0.00	0.0											0.00	0.0%
SMWD	N/A	1.76	7.0											8.8	N/A
TY Nursery	17.9	0.00	0.01											0.0	0.1%
TOTAL, AF	653.2	13.3	20.0											33.3	5.1%
PERCENTAGE OF NDW ALLOCATION/YEAR		2.0%	5.1%												
TOTAL ANNUAL AVG. NDW AVAILABLE**	774.36														
URBAN RUNOFF CAPTURE AND REUSE															
DISTRICT FACILITY		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	FIVE YEAR AVG
Shadow Rock Detention Basin Production		0.00	10.19											10.19	6.2
Dove Tick Creek Production*	<i>Dry Season</i>	0.0	0.0											0.0	45.0
	TCWD Portion	0.0	0.0											0.0	-
	SMWD Portion	0.0	0.0											0.0	-
Dove Lake Water Pumped		0.0	0.0											0.0	190.1
Dove Lake Free Board, Ft		0.0	0.0											-	-
Dove Lake Storage, AF		331.0	331.0											-	-
Total Rainfall, In.		3.3	3.4											6.8	17.6

** Based on 5-Year Average Reclaimed Water Reservoir Base Supply & Recycled Water Production



SEWER SYSTEM MONITORING PLAN (SSMP) PROGRAM ANNUAL AUDIT REPORT - 2026

Prepared by:

Oscar Ulloa, Wastewater Superintendent

&

Michael Perea, Assistant General Manager

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TRABUCO CANYON WATER DISTRICT

Sewer System Management Plan Annual Audit Report

Date of Audit: April 2026

Name(s) of Auditor(s):

Michael Perea, Assistant General Manager
Oscar Ulloa, Wastewater Superintendent

SYSTEM OVERVIEW

Miles of gravity sewer mains:	36.8
Miles of force main:	9
Total miles of all sewer lines:	45.8
Number of pump stations:	9
Population served:	12,921 (2020 Urban Water Management Plan)

Report Organization

The following sections are organized as the SSMP elements appear in Statewide Order 2006-003-DWQ, in this SSMP, and in the SSMP Comprehensive Audit Form. The responses provided on the Comprehensive Audit Form will help to complete this audit report. Reference materials are also listed with each element.

Element 1: Goal

1. Are the goals stated in the SSMP still appropriate and accurate? (circle one) Y N
2. If the answer to Question 1 is NO, please identify which goals require revision or replacement, the reason for such action, the content of the revised or new goal, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

Element 2: Organization

Reference Material

- Trabuco Canyon Water District Organization Chart
- Telephone/E-mail Contact List

1. Is the SSMP current with agency organization and staffing contact information? (circle one) Y N
2. If the answer to Question 1 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

Element 3: Legal Authority

Reference Material

- TCWD Rules and Regulations
- State of California Water Codes

1. Does the SSMP contain current information about the District’s legal authority?
(circle one)

Y N

2. Does the District have sufficient legal authority to control sewer use and maintenance?
(circle one)

Y N

3. If the answer to Questions 1, 2, is NO, please describe the content and schedule for necessary changes. Comments for a YES response may also be provided here.

Element 4: Operation and Maintenance

4.a. Collection System Maps

Reference Material

Summary of information included in the Districts mapping and GIS systems for the collection system.

1. Does the SSMP contain current information about the District’s sanitary sewer maps?
(circle one)

Y N

2. Are the District’s sewer collection system maps complete, current, and sufficiently detailed?
(circle one)

Y N

3. If the answer to Questions 1 and/or 2 is NO, please identify what information or maps require revision or replacement, the reason for such action, the content of the revised or new information and/or maps, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

Collection system mapping is maintained through an ongoing update process. Field redlines are systematically collected, verified, and integrated into the GIS/database to ensure accuracy and consistency of system records.

4.b. Resources and Budget

Reference Material

- Current Capital Improvement Plan (CIP)
- Current TCWD Operating Budget

1. Does the SSMP contain current information about the District’s resources and budget?
(circle one)

Y N

2. Are the District’s resources and budget sufficient to support effective sewer system management? (circle one)

Y N

3. Does the District’s planning efforts support long-term goals? (circle one) Y N
4. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

Long-term goals are regularly evaluated, and appropriate budget adjustments are made to address unforeseen repair needs.

4.c. Prioritized Preventative Maintenance

Reference Material

- Cleaning Schedules
- List or Map of Hotspots
- Work Orders
- Service Call Data
- Customer Feedback

1. Does the SSMP contain current information about the preventative maintenance activities for the District collection system? (circle one) Y N
2. Considering the information in Tables 1, are the Districts preventative maintenance activities sufficient and effective in reducing and preventing SSOs and blockages? (circle one) Y N
3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

The SSMP is managed through customer feedback and routine maintenance of trouble areas, with ongoing adjustments to meet targets and respond to changing conditions.

4.d. Scheduled Inspections and Condition Assessment

Reference Material

- Inspection Reports
- Pipe and Manhole Condition Data

1. Does the SSMP contain current information about the inspections and condition assessment for District systems? (circle one) Y N
2. Are the District’s scheduled inspections and condition assessment system effective in locating, identifying, and addressing deficiencies? (circle one) Y N
3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

Pipeline and manhole inspections are conducted during routine sewer line cleaning. If areas of concern are identified, CCTV inspections are performed to further evaluate conditions and

support appropriate repair planning and budgeting. Damaged pipes and manholes are promptly repaired. Video inspections are performed as needed.

4.e. Contingency Equipment and Replacement Inventories

Reference Material

- Funds Spent on Equipment and Materials
- Equipment and Parts Inventory

1. Does the SSMP contain current information about the District’s equipment and replacement inventories? (circle one) Y N
2. Are contingency equipment and replacement parts sufficient to respond to emergencies and properly conduct regular maintenance? (circle one) Y N
3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, what equipment or parts need to be obtained, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

District Maintenance Superintendent and/or designee maintains and updates equipment/asset inventory and parts for the District’s Sanitary Sewer System. Basic Inspection of Terminals (BIT) are performed quarterly on commercial/ heavy equipment vehicles. Critical parts with long lead times are on shelf for repairs.

4.f. Training

Reference Material

- Employee Training Records

1. Does the SSMP contain current information about the training expectations and programs for the staff that operates the District systems? (circle one) Y N
2. Do supervisors believe that their staff is sufficiently trained? (circle one) Y N
3. Are staff satisfied with the training opportunities and support offered to them? (circle one) Y N
4. If the answer to Questions 1, 2, and/or 3 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

Safety Training is completed on a weekly basis (tailgate meetings) and training records are kept by respective department Superintendent or designee. Educational Training is provided through Seminars, Conferences, and other approved online training sources throughout the year.

Element 5: Design and Performance Provisions

Reference Material

- Design and Construction Standards
- Ordinances

1. Does the SSMP contain up-to-date information about the District’s design and construction standards? (circle one) Y N
2. Are the design and construction standards, as well as inspection and testing standards for new and rehabilitated facilities, sufficiently comprehensive and up-to-date? (circle one) Y N
3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

SSMP references all design criteria and Standard Drawings as well as inspection and testing criteria documents which are on file with the District and maintained by the District Engineer.

Element 6: Overflow Emergency Response Plan

Reference Material

- Data Submitted to CIWQS – *See Table 1 – Annual SSO Statistics*
- Customer Service Call Data

1. Does the SSMP contain up-to-date information about the overflow emergency response plan used for the District systems? (circle one) Y N
2. Considering the information in Table 1, is the overflow emergency response plan (OERP) effective in handling SSOs? (circle one) Y N
3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates. Comments for a YES response may also be provided here.

SSMP references the SSOP document which contains TCWD Emergency Response Plan.

Element 7: Fats, Oils, and Grease (FOG) Control Plan

Reference Material

- Cleaning Schedules
- Food Service Establishment Inspection Reports or Summaries
- Data Submitted to CIWQS *See Table 2 – FOG Control Statistics*
- Service Call Data

1. Does the SSMP contain current information about the FOG plan? (circle one) Y N
2. Considering the information in Table 2, is the current FOG program effective in documenting and controlling FOG sources? (circle one) Y N

3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates.

Comments for a YES response may also be provided here.

TCWD monitors and inspects fourteen (14) businesses in its service area. These inspections are completed quarterly, and customers are notified of inspections or any potential violations.

Element 8: System Evaluation and Capacity Assurance Plan (SECAP)

Reference Material

- TCWD Master Plan
- Sub-Area Master Plans
- SSO Data – *See Table 3 – SSOs Caused by Hydraulic Limitations*

1. Does the SSMP contain current information about the capacity assessment for the District systems? (circle one) Y N
2. Has a capacity assessment identifying and addressing any hydraulic deficiencies been completed for the District systems? (circle one) Y N
3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates.

Comments for a YES response may also be provided here.

The District has completed a Master Plan that contains all up to date information.

Element 9: Monitoring, Measurement, and Program Modifications

1. Does the SSMP contain up-to-date information about the District’s data collection and organization procedures? (circle one) Y N
2. Are the data collection and organization procedures sufficient to evaluate the effectiveness of its SSMP for the District’s systems? (circle one) Y N
3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates.

Comments for a YES response may also be provided here.

District staff maintains sewer cleaning records through a GIS-based software program. The goal is to clean the entire sanitary sewer system on an annual basis.

Element 10: SSMP Program Audits

1. Has this SSMP Audit been completed and kept on file for the San Diego Regional Water Quality Control Board to review if needed? (circle one) **Y**N

SSMP Audit will be kept on file at the Administration office and the Robinson Ranch Wastewater Treatment Plant (WWTP).
SSMP is scheduled to be updated and re-certified by the Board of Directors every five years.

Element 11: Communication Program

Reference Material

- Project Specific Mailings
- Website
- Meeting with Neighboring Agencies
- Monthly Operational and Engineering Committee meetings

1. Does the SSMP contain up-to-date information about the District’s public outreach activities? (circle one) **Y**N

2. Has the District’s effectively communicated with the public, other agencies, about the SSMP and addressed any feedback? (circle one) **Y**N

3. If the answer to Questions 1 and/or 2 is NO, please identify what information requires revision or replacement, the reason for such action, the content of the revised or new information, and the schedule for implementation or updates.

Comments for a YES response may also be provided here.

District staff (Engineering, Operations, & Maintenance) meet weekly to review ongoing District projects and improvements.
Operational/Engineering Committee Meetings are held once a month with Board Members, at this time the SSMP is discussed and put on record for public participation and information purposes.

TABLE 1 – ANNUAL SSO STATISTICS

INDICATOR	2022	2023	2024	2025
Number of SSOs (total)	0	0	0	0
• Wet season SSOs	0	0	0	0
• Dry season SSOs	0	2	1	0
Number of SSOs (by volume range)				
• < 10 gallons				
• 10 – 99 gallons	0	0	0	0
• 100 – 999 gallons	0	1	1	0
• 1,000 – 9,999 gallons	0	1	0	0
• H 10,000 gallons	0	0	0	0
Total SSO Volume (Gallons)	0	0	0	0
• Volume reaching waters of the State	0	0	0	0
• Volume not contained, but also not reaching the waters of the state	0	3000	200	0
○ Volume recovered	0	3000	600	0
○ Net volume (total minus recovered)	0	3000	200	0
• Number of SSOs per 10 miles of sewer per year	0	.54	.25	0
• Volume of SSOs per 10 miles of sewer per year	0	815	49.8	0
• Total volume conveyed to the WWTP (million gallons)	0	182.5	182.5	0
• Total Volume SSO/Total Volume conveyed, gallons	0	0.0	0.0	0
• Number of SSOs (by cause)				
○ Blockages	0	0	0	0
○ Roots	0	0	1	0
○ Grease	0	0	0	0
○ Debris	0	0	0	0
○ Debris from Laterals	0	0	0	0
○ Animal Carcass	0	0	0	0
○ Construction Debris	0	0	0	0
○ Multiple Causes	0	0	0	0
• Infrastructure Failure	0	1	0	0
• Inflow & Infiltration (I&I)	0	0	0	0
• Power Failure	0	0	0	0
• Flow Capacity Deficiency	0	0	0	0
• Natural Disaster	0	1	0	0
• Bypass	0	0	0	0
• Cause Unknown	0	0	0	0
• Average Emergency Response Time (minutes)	15-30	15-30	15-30	15-30
○ Business Hours	15	15	15	15
○ Non-business Hours	30	30	30	30
• Number of locations with multiple SSOs	0	1	0	0

(1) *Wet season is defined as November through April, with the dry season being May through October. This seasonal categorization does not reflect actual conditions at the time of an SSO even*

TABLE 2 - FOG CONTROL STATISTICS

	2022	2023	2024	2025
Number of SSOs caused by FOG	0	0	0	0
Planned cleaning (linear foot)	194,369	194,369	194,369	194,369
Unplanned cleaning (linear foot)	0	0	0	0
Number of FOG inspections completed	64	64	64	64

TABLE 3 - SSOS CAUSED BY HYDRAULIC LIMITATIONS

	2022	2023	2024	2025
Number of SSOs caused by capacity limitations	0	0	0	0

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

OPERATIONAL MATTERS

ITEM 7: MAINTENANCE DEPARTMENT UPDATES

The following is a brief report of work completed by Maintenance staff through **March 2026**.

Projects and Repairs

Maintenance staff performed and/or completed the following tasks and projects:

Water Operations

1. Urgent air compressor repairs at DWTP.

Wastewater Operations

1. Assisted with conduit installation at Heritage Sewer Lift Station
2. Offloaded three new Lone Star blowers for WWTP
3. Prepped Dove Creek dry season BPS with emergency Godwinn pump/weed abatement (landscapers). Also, job walk with JES and GMU for access road assessment.

District Fleet Upgrades & Other Projects

1. Monthly emergency gen/ATS checks
2. Removed old office furniture from Admin
3. PM service on truck #28.
4. Replaced batteries on trucks #13 and #23.
5. Began quarterly BIT inspection.
6. Replaced damaged hydraulic lines on skip loader, new fluids and filters.
7. Serviced CAT backhoe with new filters and fluids.
8. Sent crane certified operators to testing seminar. 100% pass rate.
9. Began weed abatement using rental equipment from HERC Rentals.

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

EXHIBITS

None

CONTACTS (staff responsible): PEREA/STROUD

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | APRIL 1, 2026**

REGULATORY AND OTHER MATTERS

ITEM 8: OTHER MATTERS/REPORTS

Other Matters/Reports from the General Manager and/or District staff may be provided at the time of the Engineering/Operational Committee Meeting.

RECOMMENDED ACTION:

Hear Other Matters/Reports that may have arisen after the posting of the agenda.

EXHIBITS

None

CONTACTS (staff responsible): McKENNEY/PEREA