



ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA
TRABUCO CANYON WATER DISTRICT
ADMINISTRATION FACILITY
32003 DOVE CANYON DRIVE, TRABUCO CANYON, CA
JANUARY 3, 2024 AT 7:00 AM

COMMITTEE MEMBERS

Michael Safranski, Committee Chair
Stephen Dopudja, Committee Member
Don Chadd, Committee Member Alternate

DISTRICT STAFF

Fernando Paludi, General Manager
Michael Perea, District Secretary
Lorrie Lausten, District Engineer
Gary Kessler, Water System Superintendent
Oscar Ulloa, Wastewater Superintendent
Jason Stroud, Maintenance Superintendent

AGENDA NOTE:

Trabuco Canyon Water District (District) will make this Engineering/Operational Committee Meeting available by telephone audio as follows:

Telephone Audio: 1 (669) 900-6833

Access Code: 973-7562-7682

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 7:00 a.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 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 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 | JANUARY 3, 2024

ENGINEERING MATTERS

PRESENTER(S): FERNANDO PALUDI, GENERAL MANAGER
MICHAEL PEREA, ASSISTANT GENERAL MANAGER
LORRIE LAUSTEN, DISTRICT ENGINEER

ITEM 1: GOLF CLUB SEWER LIFT STATION IMPROVEMENTS

RECOMMENDED ACTION:

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

ITEM 2: ROBINSON RANCH WASTEWATER TREATMENT PLANT SCADA IMPROVEMENTS

RECOMMENDED ACTION:

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

ITEM 3: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Saddle Crest Development update
2. Other Projects

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 4: WATER SYSTEM UPDATES

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

ITEM 5: WASTEWATER SYSTEM UPDATES

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

ITEM 6: MAINTENANCE DEPARTMENT UPDATES

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.



**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA | JANUARY 3, 2024**

REGULATORY AND OTHER MATTERS

ITEM 7: 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 | JANUARY 3, 2024**

ENGINEERING MATTERS

ITEM 1: GOLF CLUB SEWER LIFT STATION IMPROVEMENTS

Trabuco Canyon Water District (District) owns and operates the Golf Club Sewer Lift Station (SLS) in the Dove Canyon community adjacent to the golf club driving range. This station receives wastewater flows from majority of the community by way of Bell Canyon and Barneburg Sewer Lift Stations and gravity sewer flows, and then conveys the wastewater to the Robinson Ranch Wastewater Treatment Plant via a sewer force main on Hillrise. The station was constructed in the early 1990s and had undergone only minor improvements until Fiscal Year (FY) 2021-22, when a bypass was installed, along with a short section of the force main, the surge tank repaired, and the motor control center replaced. Staff identified a series of critical repairs and improvements for the station that have been budgeted for completion in the FY 2023-24 CIP.

In December 2023, the District solicited proposals from five (5) firms for Construction Management and Inspection Services and received proposals from the following firms:

Golf Club SLS CM Proposers	
	MKN
	NV5
	Dudek

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

FUNDING SOURCE:

Capital Improvement Program

FISCAL IMPACT (PROJECT BUDGET)

YEAR	ORIGINAL	FINAL/ PROJECTED	STATUS
FY 21/22	\$420,000	\$579,291	MCC, By-Pass Tee, Emergency By-Pass
FY 22/23	\$870,000	\$330,000	Engineering/Pumps/Surge Tank/Survey
FY 23/24	\$1,800,000	\$2,300,000	Construction/Geotechnical/CSDC/CM/Easement
	\$3,090,000	\$3,209,291	TOTAL

ENVIRONMENTAL COMPLIANCE:

Notice of Exemption was filed with the County of Orange on November 1, 2021.

RECOMMENDED ACTION:

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

EXHIBIT(S):

None

CONTACTS (staff responsible): PALUDI/LAUSTEN

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | JANUARY 3, 2024**

ENGINEERING MATTERS

ITEM 2: ROBINSON RANCH WASTEWATER TREATMENT PLANT SCADA IMPROVEMENTS

The Trabuco Canyon Water District (District) Robinson Ranch Wastewater Treatment Plant's (Plant) existing Supervisory Control Administration Data Acquisition (SCADA) System for its various plant process areas is obsolete and it will require full plant wide system upgrades which includes: a new fiber optical ring, new SCADA hardware, and software upgrades, and remote plant access for staff. The installation of the new fiber optical ring will provide redundant pathways in the data transfer of plant process information and telemetry, which are critical to ensure the safe and continues operation of the wastewater treatment plant.

Staff worked with Beavens Controls to perform the work since they installed the existing SCADA system and are intimately familiar with the Plant operations.

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

FUNDING SOURCE:

Capital Improvement Program

FISCAL IMPACT (PROJECT BUDGET)

\$130,000

ENVIRONMENTAL COMPLIANCE:

Notice of Exemption

RECOMMENDED ACTION:

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

EXHIBIT(S):

None

CONTACTS (staff responsible): PALUDI/LAUSTEN

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | JANUARY 3, 2024**

ENGINEERING MATTERS

ITEM 3: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Saddle Crest Development update
2. Other Projects

RECOMMENDED ACTION:

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

EXHIBIT(S):

None

CONTACTS (staff responsible): PALUDI/PEREA/LAUSTEN

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | JANUARY 3, 2024**

OPERATIONAL MATTERS

ITEM 4: WATER SYSTEM UPDATES

The following is a brief report of the water system through **December 2023**.

Projects and Repairs

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

1. Replaced all the copper tubing to the four (4) pumps at the El Toro Field Office Pump Station.
2. Rebuilt the Cla-Vals on filters no. 1, 2, & 4 at the Dimension Water Treatment Plant (DWTP).
3. Attended all onsite training meetings for the Saddle Crest Pump Station.
4. Assisted Wastewater Operations with the installation of the new aeration system in the East SBR at the Robinson Ranch Wastewater Treatment Plant (WWTP).

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 - 2023

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	91.2	109.2	15.0	25.3	41.2	2.5	0.0	93.3	71.4	85.0			534.1
Backwash, AF	2.7	3.5	0.8	1.1	1.9	0.6	0.0	3.5	1.5	2.7	1.4		19.6
Flushwater, AF	4.2	3.7	0.6	1.8	2.9	0.6	0.0	6.0	2.5	4.3	2.8		29.3
DWTP Effluent (1)	92.2	111.3	10.2	27.1	39.7	2.6	0.0	99.2	66.9	93.3	74.0		616.5
Groundwater, AF													
Trabuco Creek GWTF	0.0	0.0	17.9	103.1	100.2	105.7	112.3	91.9	0.0	0.0	0.0		531.1
U.S. Well AF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Total Groundwater (2)	0.0	0.0	17.9	103.1	100.2	105.7	112.3	91.9	0.0	0.0	0.0		531.1
Water Purchases, AF													
SMWD Treated Interconnection	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
IRWD Treated Interconnections	0.0	0.0	58.0	0.0	9.3	41.2	106.2	0.0	127.9	80.7	84.5		507.8
IRWD Irvine Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Total Purchases (3)	0.0	0.0	58.0	0.0	9.3	41.2	106.2	0.0	127.9	80.7	84.5		507.8
Total Supply													
Total Supply AF (1,2,3)	92.2	111.3	86.1	130.2	149.2	149.5	218.5	191.1	194.8	174.0	158.5		1,655.4
% Year - Peak Prod. - 2,449 AF (2018)	4%	8%	12%	17%	23%	29%	38%	46%	54%	61%	68%		68%
AF/Day	3.0	4.0	2.8	4.3	4.8	5.0	7.0	6.1	6.5	5.6	5.3		4.4
CFS/Day, Avg.	1.5	2.0	1.4	2.2	2.4	2.5	3.5	3.0	3.2	2.8	2.6		2.2
Reservoir Storage													
Monthly Average, MG	9.1	9.1	9.0	8.8	8.8	9.0	8.7	8.8	9.0	8.8	9.0		8.9
Monthly Average, AF	27.9	27.9	27.6	27.0	27.0	27.6	27.0	27.0	27.0	27.0	27.0		27.4
Days of Storage	4.0	4.0	4.0	3.0	3.0	4.0	3.0	3.0	4.0	3.0	4.0		3.6
SYSTEM DEMANDS													
District Operations, AF (1)													
Dimension WTP	0.18	0.13	0.03	0.04	0.07	0.01	0.00	0.11	0.12	0.62	0.05		1.36
Robinson Ranch WWTP	0.001	0.001	0.007	0.004	0.004	0.005	0.004	0.001	0.003	0.004	0.003		0.04
Supplemental Domestic to RW Res.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00
Subtotal	0.181	0.131	0.037	0.044	0.074	0.015	0.004	0.111	0.123	0.624	0.06		1.40
System Losses, AF (2)													
Flushing	0.98	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	3.0		7.64
Sewer Cleaning	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		0.22
Line Breaks	0.46	0.00	0.15	0.00	0.05	0.00	0.01	0.30	2.00	0.3	0.0		3.27
Subtotal	1.46	0.68	0.17	0.02	0.07	0.02	0.03	0.32	2.02	3.32	3.02		11.13
Zone Demands, AF (3)													
Topanga Canyon	0.4	0.4	1.0	2.1	2.0	1.8	3.0	3.0	2.3	3.0	Inop.		18.90
Falcon Estates	0.04	0.1	0.1	0.3	0.5	0.3	0.9	0.8	0.8	0.8	0.6		5.18
Rose PRV/The Oaks	0.6	1.7	1.9	1.9	1.5	1.8	2.2	2.0	2.3	2.3	2.2		20.37
Canyon Creek	0.1	0.2	0.1	0.3	0.3	0.4	0.4	0.3	0.1	0.3	0.2		2.84
Rose Pump Station	0.0	0.1	0.4	0.5	0.6	0.6	0.3	0.5	0.4	0.5	1.2		5.09
Robinson Ranch	19.6	26.1	18.1	35.3	36.8	35.6	63.2	59.4	56.3	44.6	37.2		432.22
Dove Canyon	38.8	43.9	39.2	54.8	63.5	65.6	80.5	73.4	65.8	20.6	64.6		610.65
Subtotal	59.5	72.2	60.8	95.1	105.2	106.1	150.5	139.4	128.1	122.0	106.0		1,144.86
Total System Demand (1,2,3)	61.2	73.0	61.0	95.2	105.3	106.1	150.5	139.8	130.2	125.9	109.1		1,157.39

TRABUCO CANYON WATER DISTRICT
MONTHLY WATER SYSTEM OPERATIONS SUMMARY - 2023

System Demands**													
AF/Day	3.0	4.0	2.8	4.3	4.4	5.0	7.0	6.1	6.5	5.6	5.3		4.3
Daily Average, CFS	1.5	2.0	1.4	2.2	2.2	2.5	3.4	3.0	3.2	2.8	2.6		2.2
Other Water Deliveries/Purchases													
Ridgeline (DWTP Delivery)	85.2	103.0	8.9	24.9	35.5	2.0	0.0	90.4	61.8	85.6	68.7		259.5
El Toro (Interconnection Purchase)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Baker WTP (CSC Delivery)	115.0	108.0	55.2	55.2	81.7	72.2	79.8	103.8	103.8	83.1	101.0		567.1
Portola Hills (Wholesale Purchase)	8.0	8.4	6.9	7.7	9.0	11.0	12.3	14.3	14.0	10.2	10.6		63.3
Skyridge (Wholesale Purchase)	1.5	1.5	1.6	1.9	1.7	2.0	2.2	2.5	2.5	2.0	2.0		12.5
<i>* Usage estimated</i>	<i>** Excludes Operational use, losses, and supplement to Recycled Water Reservoir (RW)</i>												

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING | JANUARY 3, 2024**

OPERATIONAL MATTERS

ITEM 5: WASTEWATER SYSTEM UPDATES

The following is a brief report of the wastewater system through **December 2023**.

Projects and Repairs

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

1. Manhole inspections at Saddle Crest Development.
2. Removed soil and vegetation from v-ditch above WWTP recycled water reservoir.
3. Removed old aeration headers and installed all new aeration headers and diffusers for the West SBR at the WWTP.
4. Bypassed Golf Club Lift Station for emergency repairs to the onsite surge tank with the assistance of DB Sales (contractor).
5. Repaired the West SBR drain valve at the WWTP.

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	40,335
Total Sewer Line Cleaned (Ft) – Cleaning Cycle	212,045
Cleaning Cycle Period (Mos.) [Start date: 9/1/22]	16
Total Sewer Line Cleaned, %	100%
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>	4Q 2023
SSMP Program Audit – <i>Next Audit Report**</i>	February 2024

**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

CONTACTS (staff responsible): PEREA/ULLOA

TRABUCO CANYON WATER DISTRICT | NON-DOMESTIC WATER SYSTEM SUMMARY - 2023

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	58.6	37.8	34.6	29.2	38.2	27.1	40.9	43.2	38.2	40.3	34.5		422.5	529.1
Reclaimed Reservoir Level, FT	1274.5	1,273.0	1,274.0	1,272.5	1,272.2	1,272.0	1,270.0	1,259.0	1,262.2	1,258.5	1,252.2	1,260.0		-	-
Reclaimed Reservoir Free Board, FT	25.5	1.5	0.5	2.0	2.3	2.5	4.5	15.5	12.3	16.0	22.3	14.5		-	-
Reclaimed Reservoir Storage, AF	145.5	135.7	139.3	132.1	130.0	128.6	118.8	67.0	78.6	64.3	41.6	69.6		-	-
Supplemental Domestic Water Added, AF	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	35.5
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	0.07	0.1	0.0	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.3		2.37	28.8%
Dove Canyon Golf Course	106.7	0.29	5.9	0.2	17.4	15.0	26.4	51.2	41.2	23.6	24.8	20.6		226.65	212.5%
Dove Canyon Master Association	279.3	0.28	1.1	0.1	7.6	16.6	13.1	26.3	21.1	18.3	14.7	17.2		136.42	48.8%
Robinson Ranch	80.2	0.25	1.4	0.3	0.8	1.4	2.9	4.0	3.3	3.4	4.1	1.9		23.67	29.5%
Trabuco Highlands	159.7	2.25	5.9	0.1	6.5	8.5	5.3	11.4	6.2	5.8	5.0	3.5		60.34	37.8%
City of RSM	0.1	0.00	0.03	0.00	0.04	0.05	0.05	0.03	0.01	0.00	0.01	0.02		0.24	180.8%
Construction Water	N/A	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00	N/A
Sakaida Nursery	1.1	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00	0.0%
SMWD	N/A	41.74	40.6	7.7	0.0	2.3	4.1	5.3	6.2	45.5	17.9	0.0		171.47	N/A
TY Nursery	17.9	0.00	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	5.9		19.22	107.4%
TOTAL, AF	653.2	44.9	55.1	8.4	32.7	44.1	52.0	98.5	78.2	96.9	80.1	49.5		640.37	98.0%
PERCENTAGE OF NDW ALLOCATION/YEAR		6.9%	15.3%	16.6%	21.6%	28.3%	36.3%	51.4%	63.4%	78.2%	90.5%	98.0%			
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		0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.01	0.01	0.01		0.24	14.2
Dove Tick Creek Production*		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	8.8	5.5	6.0		28.0	58.8
TCWD Portion		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	4.4	2.7	6.0		17.0	-
SMWD Portion		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	4.4	2.7	0.0		11.0	-
Dove Lake Water Pumped		0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.7	18.2	9.4	41.2		116.5	185.8
Dove Lake Free Board, Ft		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	2.9		-	-
Dove Lake Storage, AF		331.0	331.0	331.0	331.0	331.0	331.0	331.0	331.0	328.3	328.3	312.0		-	-
Total Rainfall, In.		8.1	2.1	10.3	0.0	1.1	0.0	0.0	3.0	0.3	0.1	0.0		24.8	14.7

* SMWD share of Dove/Tick Pump Station Dry Season Water is 50% of production.

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

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OPERATIONAL MATTERS

ITEM 6: MAINTENANCE DEPARTMENT UPDATES

The following is a brief report of work completed by Maintenance staff through **December 2023**

Projects and Repairs

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

Water Operations

1. Attended onsite training at the Saddle Crest pump station.
2. Coordinated the re-keying of Saddle Crest Booster Pump Station facility door locks.

Wastewater Operations

1. Assisted operations with the v-ditch clean out at the Dove Canyon Master Association (DCMA) v-ditch.
2. Assisted operations with West SBR aeration system replacement project.
3. Received the spare air blower for the WWTP from Vaughn Industrial.
4. Assisted operations and DB Sales (contractor) to repair the onsite surge tank at Golf Club Sewer Lift Station.

District Fleet Upgrades & Other Projects

1. Performed Emergency Backup Generator checks in preparation of a potential SCE Public Safety Power Shutoff (PSPS) event.
2. Performed BIT Program compliance inspections.
3. Performed an oil change and maintenance on truck #28.
4. Installed new brakes and tires on truck #1.

RECOMMENDED ACTION:

Committee to receive system status updates. No action required.

EXHIBITS

None

CONTACTS (staff responsible): PEREA/STROUD

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REGULATORY AND OTHER MATTERS

ITEM 7: 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): PALUDI/PEREA