



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JUNE 7, 2023

DIRECTORS PRESENT

Mike Safranski, Committee Chair
Stephen Dopudja, Committee Member

STAFF PRESENT

Michael Perea, Assistant General Manager
Lorrie Lausten, District Engineer
Gary Kessler, Water Superintendent
Jason Stroud, Maintenance Superintendent
Phil Serpas, CMMS/SCADA Administrator

STAFF ABSENT

Fernando Paludi, General Manager
Karen Warner, Principal Accountant
Lisa Sangi, Executive Assistant
Oscar Ulloa, Wastewater Superintendent

PUBLIC PRESENT

None

CONSULTANTS PRESENT

Tori Yokoyama, Hazen

CALL MEETING TO ORDER

Director Safranski called the June 7, 2023 Engineering/Operational Committee Meeting to order at 7:00 a.m.

VISITOR PARTICIPATION

No comments were received.

ORAL COMMUNICATION

No comments were received.

COMMITTEE MEMBER COMMENTS

None were received.

REPORT FROM THE GENERAL MANAGER

Mr. Perea reported on the following matters:

- General Manager Paludi was out of the office on vacation.
- Mr. Ulloa was out of the office on vacation.
- Mr. Garrett Rias, Wastewater Operator I, has successfully passed his Wastewater Treatment Operator II examination. Mr. Perea commended Mr. Rias for his hard work.

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ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

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

MOTION: Approve the Engineering/Operational Committee Meeting Recap and recommended that the Board receive and file the same (Consent Calendar) – Director Dopudja
SECOND: Director Safranski
AYES: Directors Dopudja & Safranski
NOES: None
ABSTAIN: None
MOTION PASSED/FAILED: Passed 2 – 0

ITEM 2: PRESENTATION OF MASTER PLAN REPORT BY HAZEN & SAWYER

Ms. Lausten introduced Mr. Yokoyama to the Committee. Mr. Yokoyama delivered a PowerPoint presentation on the preparation of the District's Master Plan report, which included a detailed analysis of the District's services by type, including water supplies and demands, sewer system hydraulic modeling analysis results and system recommendations, and capital improvement project budgeting targets based on the condition assessment results. Mr. Yokoyama added that the water and sewer system pipeline analyses are age based, and that the systems are currently meeting demands. Discussion occurred concerning total days of potable water supply, as well as water quality and age. Director Dopudja commended Mr. Yokoyama on his presentation, and he suggested sharing this presentation with the Board of Directors at the following Regular Board Meeting; Director Safranski concurred with Director Dopudja.

MOTION: The Committee recommended forwarding this matter to the Board of Directors for their review.

ITEM 3: SADDLECREST DEVELOPMENT GRANT DEED FOR THE WATER RESERVOIR AND PUMP STATION

Ms. Lausten presented this matter, and she provided a brief development status update to the Committee. Ms. Lausten added that the grant deed requires the developer to deed the reservoir and pump station to the District. Ms. Lausten reported on certain site improvements which will result in the developer issuing extended warranties through the manufacturer due to project delays and other impacts outside of the District's control. Discussion occurred concerning the planned facility start up testing period; Ms. Lausten reported that the start up test is scheduled for June 19, 2023.

MOTION: Recommended that the Board of Directors authorize the General Manager and District Secretary to accept the Grant Deed from Rutter Santiago, L.P. for the 1604 Zone Hydro-Pneumatic Booster Station and 1.5 MG Domestic Water Tank and Facilities for Tract 17388, TCWD Project No. 2400 in a form substantially similar to the attached Draft and approved by General Counsel (Action Calendar) – Director Dopudja
SECOND: Director Safranski
AYES: Directors Dopudja & Safranski
NOES: None
ABSTAIN: None
MOTION PASSED/FAILED: Passed 2 – 0

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ITEM 4: DOVE CANYON PLAZA UPGRADES

Ms. Lausten presented this matter to the Committee, and she reported that District staff is working with the property owner of Dove Canyon Plaza to complete certain site improvements to meet District standards, including fire flow backflow devices with bypass meters and irrigation system improvements. Ms. Lausten reported that the District will issue a conditional will serve letter to two new tenants.

MOTION: None – Informational item only.

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Other Projects –

No other projects were presented to the Committee.

MOTION: None – Informational item only.

ITEM 6: WATER SYSTEM UPDATES

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

1. Replaced a potable water service on Wakonda in the Dove Canyon community.
2. Removed an abandoned and leaking potable water service on Trabuco Oaks Drive.
3. Worked with contractors to bring Saddle Crest reservoir and pump station online.
4. Replaced a leaking fire hydrant on High Point in the Dove Canyon community.
5. Completed the fifth monitoring cycle of the Unregulated Contaminant Monitoring Rule (UCMR 5) [EPA].
6. Worked to prepare, complete, and submit the Electronic Annual Report (eAR) [CA SWRCB]
7. Continued to work with TESCO Controls and Hydrotech Electric to keep GWTF running.

Mr. Kessler presented the Water System Summary for Committee review, and he provided updates on the GWTF production and certain facility equipment upgrades.

MOTION: 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. Installed upgraded level control systems at Golf Club, El Toro, and Santiago sewer lift stations.
2. Assisted TESCO Controls with the SCADA upgrades at Golf Club, El Toro, and Santiago sewer lift stations.
3. Installed new suction line for future tank cleaning at the Robinson Ranch Wastewater Treatment Plant.
4. Cleaned El Toro and Santiago sewer lift station wet well.

Mr. Ulloa presented the Recycled Water System Summary for Committee review.

MOTION: None – Informational item only.

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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:

Water Operations

1. Completed preventative maintenance on pumps/motors at Dimension Water Treatment Plant (DWTP), including oil changes and grease Dezurik fittings.

Wastewater Operations

1. Assisted Operations in Robinson Ranch WWTP SBR tank preparations for new air header.
2. Assisted Operations with the installation of a new transducer/level indication system at Golf Club sewer lift station.
3. Assisted Operations in cleaning the El Toro sewer lift station wet well.
4. Worked with TESCO Controls and Hydrotech Electric on the El Toro sewer lift station PLC upgrade.
5. Worked with TESCO Controls and Hydrotech Electric on Santiago sewer lift station upgraded level control system.
6. Attended Cornell Pump factory witness test for Golf Club sewer lift station replacement pump in Portland, Oregon.

District Fleet Upgrades & Other Projects

1. Changed oil on motors at Robinson Ranch booster pump station.
2. Worked with TESCO Controls on the annual EMASS program.
3. Completed AQMD Reporting for permitted diesel engines districtwide [new regulatory annual reporting requirement].
4. Delivered two District vehicles to Elite Auto for repairs. One for emission system repairs, and one for the replacement of certain steering components. Both vehicles are back in service.
5. Worked with vendor for District-wide Fire Extinguisher service.
6. Prepared for Water Awareness Day event.

MOTION: None – Informational item only.

ITEM 9: OTHER MATTERS/REPORTS

Ms. Lausten reported that District staff will be working with Pulsco (contractor) on the start up of the new surge tank system at El Toro Sewer Lift Station later in the week.

Director Dopudja provided a brief summary of the meeting with homeowner association (HOA) representatives the prior day for the purpose of discussing the proposed rates and charges.

Mr. Perea reported that District staff will provide an update on the updates to the proposed capital improvement project (CIP) program for fiscal year 2023-24.

MOTION: None – Informational item only.

ADJOURNMENT

Director Safranski adjourned the June 7, 2023 Engineering/Operational Committee Meeting at 8:29 a.m.