



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | APRIL 3, 2024

DIRECTORS PRESENT

Mike Safranski, Committee Chair
Stephen Dopudja, Committee Member

STAFF PRESENT

Fernando Paludi, General Manager
Michael Perea, District Secretary
Lorrie Lausten, District Engineer
Gary Kessler, Water Superintendent
Blake Smith, Wastewater Chief Plant Operator
Phil Serpas, CMMS/SCADA Administrator
Roseann Lejsek, Administrative Assistant

STAFF ABSENT

Oscar Ulloa, Wastewater Superintendent
Jason Stroud, Maintenance Superintendent

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Safranski called the April 3, 2024 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

REPORT FROM THE GENERAL MANAGER

None

ITEM 1: LIVE OAK PIPELINE REPLACEMENT ENGINEERING DESIGN

Mr. Paludi presented this matter for discussion and review. Ms. Lausten provided an overview of the project, and she reported that the District has received three proposals, and she presented a proposal evaluation which compared the costs of each proposer. Ms. Lausten recommended awarding the project to DRP Engineering, Inc.

MOTION: Approve and recommend the Board of Directors authorize the General Manager to execute a contract for Engineering Design Services for the Live Oak Pipeline Replacement to DRP Engineering, Inc. for a total of \$375,947 (Action Calendar) – Director Dopudja

SECOND: Director Safranski

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AYES: Directors Dopudja & Safranski

NOES: None

ABSTAIN: None

MOTION PASSED/FAILED: Passed 2 – 0

ITEM 2: QUARTERLY CAPITAL IMPROVEMENT PROGRAM (CIP) UPDATE

Ms. Lausten presented this matter for Committee consideration and review, and she provided an overview and status update of the FY 2023-24 CIP projects. Ms. Lausten reported the Dimension Water Treatment Plant office replacement project has not been canceled but has been modified to rehab the existing office, and that the total budget amount has remained unchanged. Discussion occurred concerning revising the CIP budget sheet to include a third column showing the total cost for each project.

MOTION: None – Informational item only.

ITEM 3: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Golf Club Sewer Lift Station Construction

Ms. Lausten delivered a PowerPoint presentation to the Committee concerning the Golf Club Sewer Lift Station improvements. Ms. Lausten highlighted the completed surge tank and improvements as well as the construction of the new wet well. Ms. Lausten reported that this portion of the project is expected to be completed at the end of the week and she provided information on the next phases of the project.

2. The Oaks at Trabuco Development Update

Mr. Paludi provided a brief history of the District's past agreement for the sewage collection system in the Oaks at Trabuco development. Discussion occurred concerning the District's potential future responsibilities and the operational challenges at the site.

3. SCADA Upgrade Project Update

Mr. Paludi provided an update on this matter, and he reported that the District has sent a termination letter to Tesco Controls Inc., immediately ending our contract due to their ongoing challenges in completing the project. Mr. Paludi also reported that the District is coordinating with a new contractor, to finish the project within the original budget.

ITEM 4: 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. Repaired a leaking potable service on Morningside Drive in the Trabuco Highlands community.
2. Repaired a leaking PRV on North Lane in the Trabuco Oaks community.
3. Worked with Maintenance Department staff to replace the mechanic seal on the 3 CFS pump at Robinson Ranch Booster Pump Station.
4. Worked with Maintenance Department staff to replace the backup generator automatic transfer switch at Topanga Canyon Booster Pump Station.
5. Worked with Mr. Phil Serpas on resolving SCADA-related issues at the Trabuco Canyon Groundwater Treatment Facility (Wells). The wells are started on March 20th.

Mr. Kessler presented the Water System Summary for Committee review, and he reported that the District's Electronic Annual Report (eAR) has been submitted to the California State Water Resources Control Board.

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MOTION: None – Informational item only.

ITEM 5: WASTEWATER SYSTEM UPDATES

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

1. Worked with TESCO Controls and Hydrotech Electric to complete PLC upgrades and testing at Via Allegre Sewer Lift Station (SLS), and installation of OIT screen at O'Neill SLS.
2. Worked with Pacific Hydrotech to complete the installation/startup of the new surge tank at Golf Club SLS.
3. Completed weed abatement at Dove Lake and the Robinson Ranch Wastewater Treatment Plant (WWTP)
4. Met with State Department of Dam Safety to complete the annual inspection of WWTP Dam and Dove Dam.
5. Worked with Water Operations Department to repair a potable water line break in the Dove Canyon community.
6. Repaired damaged electrical conduit at Dove Lake in the Dove Canyon community.

Mr. Smith presented the Recycled Water System Summary for Committee review. Mr. Paludi reported that the District is looking at possible grant opportunities for the necessary repairs at Dove Dam.

MOTION: None – Informational item only.

ITEM 6: MAINTENANCE DEPARTMENT UPDATES

In Mr. Stroud's absence, Mr. Perea 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. Assisted Water Operations staff with potable service line repair on Morningside Drive in the Trabuco Highlands community.
2. Worked with Duthie Electric and Water Operations to install a new automatic transfer switch at Topanga Canyon BPS.
3. Worked with Evans Hydro to install a new mechanical seal at Robinson Ranch BPS.

Wastewater Operations

1. Assisted Wastewater Operations staff to bypass Via Allegre SLS during PLC upgrade with TESCO Controls.
2. Witnessed installation of new surge tank at Golf Club SLS.
3. Participated in job walk for electrical trunk line at WWTP.
4. Participated in condition assessment at Crystal Canyon WWTP (The Oaks at Trabuco community).
5. Worked with Hydrotech Electric on upgrades/repairs at O'Neill SLS, Golf Club SLS, Heritage SLS, and WWTP.

District Fleet Upgrades & Other Projects

1. Repurposed Unit No. 8 for emergency mobile pump service truck.
2. Completed BIT inspection on heavy duty fleet vehicles.
3. Completed CARB Zero Emission Vehicles (ZEV) reporting prior to April 1 deadline.

MOTION: None – Informational item only.

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ITEM 7: OTHER MATTERS/REPORTS

There were no other matters reported.

MOTION: None

ADJOURNMENT

Director Safranski adjourned the April 3, 2024 Engineering/Operational Committee Meeting at 8:08 a.m.