



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | NOVEMBER 2, 2022

DIRECTORS PRESENT

Stephen Dopudja, Committee Chair
Mike Safranski, Committee Member

STAFF PRESENT

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

STAFF ABSENT

Fernando Paludi, General Manager

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Dopudja called the November 2, 2022 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

No comments were received.

REPORT FROM THE ASSISTANT GENERAL MANAGER

Mr. Perea reported that the General Manager was not in attendance as he was on vacation.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

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

RECOMMENDED ACTION

The Committee recommended that the Engineering/Operational Committee Meeting Recap be forwarded to the Board of Directors for approval (Consent Calendar).

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | NOVEMBER 2, 2022**

ITEM 2: GOLF CLUB SEWER LIFT STATION SURGE TANK AWARD

Mr. Perea introduced this matter for Committee consideration. Ms. Lausten provided a handout that summarized the proposals for a new surge tank from two vendors, and she mentioned that District staff recommends purchasing the surge tank ahead of the construction contract due to potential fulfillment delays. Ms. Lausten added that District staff is currently working with both vendors related to the acceptance of the District's terms and conditions. Discussion occurred concerning surge tank costs and the timeline for equipment fulfillment. Ms. Lausten recommended Blacoh for awarding the contract, but that District staff needs to finalize the terms and conditions negotiations.

RECOMMENDED ACTION:

The Committee recommended forwarding this matter to the Board of Directors for consideration at the next Regular Board Meeting (Action Calendar).

ITEM 3: PARTH DEVELOPMENT CONDITIONAL WILL SERVE LETTER

Mr. Perea presented this matter for Committee consideration. Ms. Lausten mentioned this matter was for informational purpose only and that no action was required. Ms. Lausten presented a draft Conditional Will Serve Letter for the landowner, and she reviewed the conditional requirements with the Committee.

RECOMMENDED ACTION:

Informational item only. No action was taken.

ITEM 4: DOVE DAM OUTLET REPAIR ALTERNATIVES EVALUATION

Mr. Perea introduced this matter for Committee review. Ms. Lausten provided a brief review of recent repairs performed at the Dove Dam outlet and vent pipe, and she reported that District staff has requested a proposal from Hazen and Sawyer to prepare a report that provides repair alternatives to the dam outlet structure. Discussion occurred concerning the necessity of the evaluation report. Mr. Perea commented that the District is required to prepare a technical memorandum of proposed repairs to the dam per the Dove Dam Agreement with Dove Canyon Master Association.

RECOMMENDED ACTION:

The Committee recommended that the Board of Directors authorize the General Manager to execute Amendment No. 2 for the Dove Dam Repair Alternative Evaluation and Cost Estimate to Hazen and Sawyer in the not to exceed amount of \$44,528 (Action Calendar).

ITEM 5: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING DIMENSION WATER TREATMENT PLANT OFFICE

Mr. Perea introduced this informational matter for Committee review. Ms. Lausten reported that District staff received only one bid from Ferreira Construction for this project, and that the costs exceeded the project budget therefore staff will work with JIG Engineering Consultant to re-evaluate the project options. Ms. Lausten added that District staff will perform certain preliminary utility excavation onsite work to prepare for new telecommunications services. Discussion occurred concerning the potential for facility improvements for backup power generation and power testing.

RECOMMENDED ACTION:

Informational item only. No action was taken.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | NOVEMBER 2, 2022**

ITEM 6: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Arc Flash Incident Energy Analysis RFP

Ms. Lausten reported that District staff has issued a request for proposals for this work, and she mentioned that TESCO Controls performed this work last year. Ms. Lausten estimated that this work would cost approximately \$75K to \$100K.

2. Master Plan and Condition Assessment Update

Ms. Lausten reported that Hazen and Sawyer will be providing a second draft report to District staff this week and that a Special Board Meeting Workshop has been scheduled for November 21st for a presentation of the findings.

3. Trabuco Creek Bridge Replacement Update

Ms. Lausten provided a brief update on this Orange County Public Works (OCPW) project, and she reported that this project has potential impacts to the District's potable water transmission pipelines that cross Trabuco Creek. Discussion occurred concerning project schedule timeline and inter-agency collaboration efforts to date.

4. DISH Wireless Cellular Site at Dove Reservoir

Ms. Lausten provided a brief update on this project, and she reported that DISH Wireless has approached the District for the installation of a cellular site at Dove Reservoir in the Dove Canyon community. Ms. Lausten mentioned that the vendor has requested to utilize the District's easement for access to the District's Dove Reservoir property for a new site, but she recommended that the vendor request an easement from the Dove Canyon Master Association Board of Directors. The Committee agreed with Ms. Lausten's recommendation.

5. Other Projects

There were no other projects discussed.

RECOMMENDED ACTION

The Committee received the status updates. There was no action taken.

ITEM 7: 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 the main air supply to filter #4 at Dimension Water Treatment Plant.
2. Finished installing all four (4) effluent pumps and motors at the Ground Water Treatment Facility.
3. Installed a new chlorine analyzer and chemical feed line at the Ground Water Treatment Facility.
4. Worked with Tesco Controls on the SCADA upgrade at Dimension Water Treatment Plant and Ridgeline Pump Station.
5. Flushed thirty-two (32) hydrants in the Walden Homes and Robinson Ranch communities.
6. Worked with Delco Sales to service eleven (11) PRV's throughout the distribution system.

Mr. Kessler reviewed the updated Monthly Water System Operations Summary with the Committee.

RECOMMENDED ACTION

The Committee received the status update. There was no action taken.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | NOVEMBER 2, 2022**

ITEM 8: 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. Replaced the chlorine transfer pump at the Wastewater Treatment Plant.
2. Repaired a leak on the influent trunk line to East SBR at the Wastewater Treatment Plant.
3. Installed a weather station at the Wastewater Treatment Plant.
4. Prepped and successfully passed an inspection of the Wastewater Treatment Plant that was conducted by the State Water Resources Control Board (SWRCB).

Mr. Ulloa reviewed the Monthly Non-Domestic Water System Summary with the Committee.

Mr. Perea reported that he met with the DCMA Water Quality Ad Hoc Committee, at their request, to provide an overview of the District's recycled water treatment methods and distribution system, and he mentioned that he committed to provide a general tour of the facility to the Committee members in the near future. Discussion occurred concerning the District's recycled water system conveyance system.

RECOMMENDED ACTION

The Committee received the status update. There was no action taken.

ITEM 9: MAINTENANCE DEPARTMENT UPDATES

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

1. Cleaned out the old electrical storage bin and reorganized/restocked the new electrical storage room in the maintenance shop at the Wastewater Treatment Plant.
2. Performed preventative maintenance on District fleet vehicles.
3. Assisted the Wastewater Operations with a temporary sewer trunkline repair located in the SBR dry pit.
4. Worked with the Water Operations to troubleshoot a level controller at the Topanga Booster Pump Station, hydro-pneumatic tank.
5. Worked with TESCO Controls to troubleshoot a VFD issues at the Dove Recycle Booster Station.
6. Worked with Hydrotech Electric to install a new flow meter at the Dove Recycle Booster Station.
7. Worked with Water Operations to troubleshoot the backwash pumps at Dimension Water Treatment Plant.
8. Modified the booster pump brackets at the Ground Water Treatment Plant (Wells) to work with the new pumps.

RECOMMENDED ACTION

The Committee received the status update. There was no action taken.

ITEM 10: OTHER MATTERS/REPORTS

There were no other matters presented.

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Dopudja adjourned the November 2, 2022 Engineering/Operational Committee Meeting at 8:03 a.m.