



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JULY 6, 2022

DIRECTORS PRESENT

Stephen Dopudja, Committee Chair
Mike Safranski, Committee Member

STAFF PRESENT

Fernando Paludi, General Manager
Michael Perea, Assistant General Manager
Lorrie Lausten, District Engineer
Karen Warner, Principal Accountant
Lisa Marie Sangi, Executive Assistant
Gary Kessler, Water Superintendent
Jason Stroud, Maintenance Superintendent
Oscar Ulloa, Wastewater Superintendent

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Dopudja called the July 6, 2022 Engineering/Operational Committee Meeting to order at 7:00 AM.

VISITOR PARTICIPATION

No comments were received.

ORAL COMMUNICATION

No comments were received.

COMMITTEE MEMBER COMMENTS

No comments were received.

REPORT FROM THE GENERAL MANAGER

No comments were received.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Paludi 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(s) be forwarded to the Board of Directors for approval (Consent Calendar).

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ITEM 2: DESIGN SERVICES FOR GOLF CLUB SEWER LIFT STATION REPAIRS & IMPROVEMENTS

Mr. Paludi introduced this matter for Committee consideration. Ms. Lausten provided a brief review of staff efforts to date on the rehabilitation of this facility, and she presented a proposal from JIG Consultants for engineering design services. Discussion occurred concerning project costs to date and project schedule for completion. Ms. Lausten recommended the Board of Directors approve and authorize the General Manager to contract with JIG Consultants for the engineering design services.

RECOMMENDED ACTION:

The Committee recommended the Board of Directors authorize the General Manager to execute an agreement with JIG Consultants for design services for Golf Club Sewer Lift Station Improvements for \$87,000 with a contingency of \$8,700, for a not to exceed amount of \$95,700 (Action Calendar).

ITEM 3: SCADA UPGRADE PROJECT PHASE SIX AGREEMENT WITH TESCO CONTROLS

Mr. Paludi introduced this matter for Committee consideration, and he reported that this project phase will finalize the project systemwide. Ms. Lausten provided a review of the project phases completed to date, and she presented a proposal from TESCO Controls for upgrades at the remaining remote sites, the Robinson Ranch Wastewater Treatment Plant (WWTP), and SCADA/PLC Programming. Discussion occurred concerning project costs to date. Ms. Lausten recommended the Board of Directors approve and authorize the General Manager to contract with TESCO Controls for the SCADA system upgrades for Fiscal Year 2022-2023. Mr. Paludi reported that District staff will provide an updated fiscal impact report with costs outside of the original scope of work.

RECOMMENDED ACTION:

The Committee recommended the Board of Directors authorize the General Manager to execute a contract for the Fiscal Year 2022-2023 SCADA Upgrades to TESCO Controls, Inc. in the not to exceed amount of \$960,000 (Action Calendar).

ITEM 4: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING ROSE AND LANG WELLS

Mr. Paludi introduced this information item for Committee consideration. Ms. Lausten presented a technical memorandum prepared by Hazen and Sawyer which provided a condition assessment of the facility. Ms. Lausten provided a brief review of the proposed costs for cleaning the wells and perceived costs for well casing improvements. Discussion occurred concerning the long-term goals for the facility and a recommendation to perform an internal analysis water production and cost comparison with other water sources.

RECOMMENDED ACTION:

No action was taken.

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. OC Rescue Mission Service relocation

Ms. Lausten provided a brief project status update, and she delivered a PowerPoint presentation which reviewed the work completed to date. Ms. Lausten provided background information related to this project work, and she mentioned that District staff is requesting a perpetual, non-exclusive grant of easement related to onsite pipelines and access. Discussion occurred concerning ongoing collaboration between the District and the property owner.

2. Master Plan and Condition Assessment Update

Ms. Lausten provided a project update for the Committee, and she mentioned that representatives from Hazen and Sawyer will deliver a project status update presentation at the following committee meeting.

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3. South Orange County IRWM Grant Project

Mr. Paludi reported that the South Orange County IRWM grant funding application period has ended and that District staff submitted an application for the expansion of the District's Dove Creek/Tick Creek Dry Season Recovery facilities. Ms. Lausten provided a brief review of the proposed project scope and the environmental factors and considerations. Discussion occurred concerning the District's recycled water production levels.

4. Other Projects

There were no other project updates.

RECOMMENDED ACTION

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

ITEM 6: WATER SYSTEM UPDATES

Mr. Kessler reviewed the projects and repairs for June 2022, and he reported that Water Operations staff has completed the following tasks:

1. Worked with Tesco Controls and Hydrotech Electric on the Dimension Water Treatment Plant SCADA upgrades.
2. Worked with GCI Construction to install a new water service line to the OC Rescue Mission.
3. Continued to work with Cartigraph on the new CMMS program and visited the Laguna Beach Water District to view its operation.
4. Performed maintenance on the Trabuco PRV, as well as the Rose Altitude Valve, which are located in the Canyon Community.
5. Performed weed abatement and general site cleanup at Dimension Water Treatment Plant, Trabuco Tanks and Robinson Ranch.

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

RECOMMENDED ACTION

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

ITEM 7: WASTEWATER SYSTEM UPDATES

Mr. Ulloa reviewed the projects and repairs for June 2022, and he reported that Wastewater Operations staff had completed the following tasks:

1. Installed a temporary pump at Dove Lake to supplement the reclaim reservoir.
2. Adjusted wastewater plant operations to comply with Southern California Edison, Time of Use program.
3. Installed a low flow, circulating pump to maintain chlorine residual during time of use.
4. Cleaned the Bell Canyon Lift Station wet well, located in Dove Canyon Community.
5. Removed a 12-inch corroded section of pipe from the chlorine contact chamber Wastewater Treatment Plant.
6. Conducted the Fats, Oil, Grease (F.O.G.) interceptor inspections.

Mr. Ulloa reviewed the Monthly Non-Domestic Water System Summary report for June 2022. Mr. Paludi reported that the Rancho Cielo Community Association has requested a meeting with District staff to evaluate onsite irrigation system improvements and conversion to recycled water.

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RECOMMENDED ACTION

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

ITEM 8: MAINTENANCE DEPARTMENT UPDATES

Mr. Stroud reviewed the projects and repairs for June 2022, and he reported that Maintenance staff completed the following tasks:

1. Attended an Ignition Software tour at the City of Orange.
2. Swapped out a failed air blower at the Wastewater Treatment Plant blower room.
3. Worked with Flo-Services at the Dimension Water Treatment Plant on the backwash sump pump.
4. Quarterly Basic Inspection Terminals (BIT) inspections were performed.
5. Heritage Lift Station emergency generator cooling system replaced (water pump, radiator, coolant, hoses).
6. Worked with the Sanitation Department on the Xylem rental pump for Dove Lake.
7. Went to the City of Laguna Beach for Cartograph Software Tour.
8. Performed preventative maintenance on the F650 dump truck.

RECOMMENDED ACTION

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

ITEM 7: OTHER MATTERS/REPORTS

There were no other matters presented for consideration.

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Dopudja adjourned the July 6, 2022 Engineering/Operational Committee Meeting at 8:21 AM.