



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | SEPTEMBER 1, 2021

DIRECTORS PRESENT

Ed Mandich, Committee Chair
Don Chadd, Committee Member Alternate

STAFF PRESENT

Michael Perea, Assistant General Manager
Lorrie Lausten, District Engineer
Karen Warner, Principal Accountant
Jason Stroud, Maintenance Superintendent
Oscar Ulloa, Wastewater Chief Plant Operator
Lisa Marie Sangi, Executive Assistant

PUBLIC PRESENT

None

PUBLIC PRESENT VIA CONFERENCE CALL

There were members of the public on the conference call

CALL MEETING TO ORDER

Director Mandich called the September 1, 2021 Engineering/Operational Committee Meeting to order at 7:00 AM. Public access to the meeting was made available by video broadcast.

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 on the following matters:

- General Manager Mr. Paludi is out of the office today due to a scheduling conflict.
- Water Operations and Maintenance staff responded to domestic water service lateral leak at Orange County Fire Authority (OCFA) Fire Station 18 in the canyon area. Mr. Perea added that an emergency line break occurred after restoring service to the isolated area, and that District staff worked late into the evening and scheduled to complete later that day. Discussion occurred concerning the mitigation of traffic control challenges in the canyon areas.

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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.

RECOMMENDED ACTION

Director Mandich and Mr. Perea recommended that the Engineering/Operational Committee Meeting Recap(s) be forwarded to the Board of Directors for approval (Consent Calendar).

ITEM 2: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING DIMENSION WATER TREATMENT PLANT BACKWASH TANK REPLACEMENT PROJECT

Mr. Perea introduced this matter to the Committee. Ms. Lausten provided a brief project status update, and she reviewed the current project schedule and photos with the Committee. Discussion occurred concerning the project timeline for completion and the startup of the Dimension Water Treatment Plant (DWTP).

RECOMMENDED ACTION:

There was no action taken.

ITEM 3: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING ELECTRICAL IMPROVEMENTS AT EL TORO SEWER LIFT STATION

Mr. Perea provided an update to the Committee, and he reviewed the previous repairs and procurement of equipment for the El Toro Sewer Lift Station. Mr. Perea provided a brief overview of the condition of the existing onsite electrical components. Mr. Stroud added that the purpose of the proposed work is to upgrade the onsite electrical improvements to meet certain standards. Discussion occurred concerning the reason for sole sourcing this proposed work; Mr. Perea reported that Flo-Services, Inc. completed the installation of the onsite pumps for the facility, and that the recommendation would be for the same firm to complete the electrical improvements. Director Mandich requested that District staff provide additional feedback to the Board related to certain costs identified in the proposal.

RECOMMENDED ACTION:

The Committee recommended the Board of Directors approve the Flo-Services, Inc. proposal for Electrical Upgrades at El Toro Sewer Lift Station in the amount of \$175,698 with a 10% contingency for a total not to exceed amount of \$193,267 (Action Calendar).

ITEM 4: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING HERITAGE SEWER LIFT STATION IMPROVEMENT PROJECT

Mr. Perea introduced this matter to the Committee. Ms. Lausten provided a project update to the Committee, and she reported that District staff are evaluating overall improvements to this facility, including gravity line improvements, station bypass improvements, wet well improvements, site security upgrades, and drainage issue remediation. Mr. Perea added that District staff will perform public outreach efforts to the neighboring residents and Homeowners Association, as well as the County of Orange, due to the potential impacts to the Bell View Trail. Discussion occurred concerning the engineer's estimate, project timeline, and aesthetic considerations.

RECOMMENDED ACTION:

Committee to receive information at the time of the Committee Meeting.

ITEM 5: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING T-MOBILE CELLULAR SITE LEASE AMENDMENT NO.2

Mr. Perea provided an update on this matter to the Committee, and he mentioned that the second DRAFT Cellular Site Lease Amendment included for review has been reviewed by both District staff and general counsel. Ms. Lausten highlighted certain terms of the Amendment that were outside of the terms of the original agreement. Discussion occurred concerning the potential opportunities for additional cellular sites in the District's service area.

RECOMMENDED ACTION:

Committee to receive information at the time of the Committee Meeting.

ITEM 6: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING THE APPROVAL OF TESCO CONTROLS EMASS PROGRAM CONTRACT

Mr. Perea presented this matter for Committee review, and he reported that the District has worked with TESCO Controls on the EMASS Program for existing District facilities. Mr. Stroud provided a brief description of the program services, and he highlighted the benefits of TESCO Controls serving as an extension of District staff for this type of work. Discussion occurred concerning the timeline for completion of the program work.

RECOMMENDED ACTION:

The Committee recommended the Board of Directors approve the TESCO Controls proposal for the EMASS Program Service Contract (3 Years) for a not to exceed amount of \$84,000 (Action Calendar).

ITEM 7: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Master Plan and Condition Assessment Update

Ms. Lausten reported that District staff had prepared a Request for Proposals (RFP) for this work, and she had submitted the RFP to four pre-qualified firms. Ms. Lausten reported that this matter would be presented to the Committee for their consideration at the following Committee meeting.

2. Bell Canyon Sewer Lift Station Improvement Project

Ms. Lausten provided a brief project status update to the Committee, and she presented DRAFT renderings of an upgraded security gate at the facility. Ms. Lausten reported that District staff has reviewed this matter with Dove Canyon Master Association (DCMA). Discussion occurred concerning the proposed improvements.

3. Saddleback Meadows Development

Ms. Lausten reported that District staff is working with PSOMAS to complete the Sub-Area Master Plan (SAMP) this month, and will forward the SAMP to the developer for their review.

4. Saddlecrest Development

Mr. Perea mentioned that both he and the General Manager met with the developer on certain outstanding items and project timelines. Discussion occurred concerning the District's adoption of the facilities and domestic water system-related matters.

5. Other Projects

None.

RECOMMENDED ACTION

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

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ITEM 8: WATER SYSTEM UPDATES

Mr. Perea reviewed the projects and repairs for August 2021, and he provided the additional highlights:

1. Water Operations staff continued to work with Superior Tank and their subcontractors on the construction of the Backwash Recovery Tank.
2. Water Operations staff replaced a Cla-Val distributor on Booster Pump #1 at the Falcon Pump Station in the Canyon Community.
3. Water Operations staff converted a hydrant from a Wet Barrel to Dry Barrel at the end of Atkinson Lane in the Canyon Community.
4. Water Operations staff painted all steel piping at the Trabuco Creek Ground Water Treatment Facility.
5. Water Operations staff started a new cycle of the Dead-End Flushing Program.

Mr. Perea mentioned that due to month end, there were no updated reports. Mr. Perea provided a brief update concerning the recent loss of a District vehicle due to a brush fire.

RECOMMENDED ACTION

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

ITEM 9: WASTEWATER SYSTEM UPDATES

Mr. Perea reviewed the projects and repairs for August 2021, and he reported that Wastewater Operations staff had completed the following tasks:

1. Worked with Maintenance Department staff to replace Sequencing Batch Reactor (SBR) waste valve limit switches Robinson Ranch Wastewater Treatment Plant (WWTP).
2. Worked with Maintenance Department staff on the WWTP Headworks Screening equipment.
3. Worked with Brightview Landscape Services to complete weed abatement and grubbing at WWTP Reservoir Dam Face (consistent with DSOD recommendations) and Shadow Rock Detention Basin Facility.
4. Worked with TESCO Controls, Inc. on WWTP SCADA System Improvements.
5. Worked with Hydrotech Electrical to complete WWTP aeration system electrical conduit improvements.

Mr. Perea mentioned that due to month end, there were no updated reports. Mr. Perea introduced Mr. Ulloa, Wastewater Chief Plant Operator to the Committee. Mr. Perea reported that Operations has stopped pumping Dove Lake to the reservoir, and that there had been a slight decrease in demand due to recent milder temperatures. Discussion occurred concerning proposed Dove Lake pump improvements and slide gate repairs.

RECOMMENDED ACTION

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

ITEM 10: MAINTENANCE DEPARTMENT UPDATES

Mr. Stroud reviewed the projects and repairs for August 2021, and he provided the additional highlights:

1. Maintenance Department staff worked with TESCO Controls on the District SCADA upgrades.
2. Maintenance Department staff scheduled the delivery of a new Toyota forklift, and upcoming training opportunity for District staff.
3. Maintenance Department staff worked with Hydrotech Electric on the conduit repairs and electrical upgrades at the Robinson Ranch Wastewater Treatment Plant.
4. Maintenance Department staff have installed fire extinguisher in the District's fleet vehicles.

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5. Maintenance Department staff finalized a quote and procurement of the new surge tank for the El Toro Sewer Lift Station.

Mr. Stroud provided a brief update concerning facility and vehicle fire extinguishers and employee training.

RECOMMENDED ACTION

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

ITEM 11: OTHER MATTERS/REPORTS

There was a brief discussion on the District's Non-Domestic Water Allocation Policy allocation methodology.

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Mandich adjourned the September 1, 2021 Engineering/Operational Committee Meeting at 7:55 AM.