



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JULY 1, 2020

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Stephen Dopudja, Committee Member

STAFF PRESENT

Fernando Paludi, General Manager
Michael Perea, Assistant General Manager/District Secretary
Lorrie Lausten, District Engineer
Gary Kessler, Water Department Superintendent
Jason Stroud, Maintenance Department Superintendent
Karen Warner, Senior Accountant
Lisa Sangi, Administrative Assistant

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Mandich called the July 1, 2020 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

Director Dopudja commented on the recent reports of COVID-19 case spikes in Orange County, and he asked District staff if there were any concerns related to the reopened Administration Facility. Discussion occurred concerning the District's Business Resumption Plan provisions

Director Mandich reported on his attendance of the Orange County Public Works (OCPW) online meeting related to the Trabuco Creek Bridge Rehabilitation Project, and he provided a brief description of the planned improvements and project schedule.

REPORT FROM THE GENERAL MANAGER

Mr. Paludi reported that District staff is planning for a District Facility Tour for the Board of Directors consistent with COVID-19 recommendations and requirements in the near future.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

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

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RECOMMENDED ACTION

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

ITEM 2: DISCUSSION AND POSSIBLE ACTION RELATING TO THE ADJUSTMENT TO TCWD'S CAPACITY CHARGES FOR WATER SERVICE

Mr. Paludi presented this matter for Committee review, and he reported that the last time the District's capacity charges were updated was 2015. Ms. Lausten reported that PSOMAS Engineering has provided a memorandum that utilized the same methodology as the 2015 review and recommended an increase of 12%. Ms. Lausten briefly reviewed the capacity charge process, including the filing of a Notice of Exemption and Notice of Public Hearing. Discussion occurred concerning District staff completing a comparison of neighboring agency capacity charges for Board review and consideration.

RECOMMENDED ACTION

The Committee received the information and presentation of the information and recommend that the Board approve and adopt the proposed Capacity Charge by Resolution at the Regular Board Meeting (Action Calendar).

Director Mandich recused himself from the meeting and exited the building at 7:20AM.

ITEM 3: RIDGELINE BOOSTER PUMP STATION IMPROVEMENTS AND CAPACITY INCREASE PROJECT

Mr. Paludi presented this matter for Committee review and he reported the project was completed. Ms. Lausten provided a brief project update, and she highlighted the construction summary report for Committee review. Ms. Lausten reported there on contract change order no. 7 to Pacific Hydrotech for additional wiring and conduits for the signal from the PLC to the Cla-Val controller

RECOMMENDED ACTION

The Committee approved and recommended the Board of Directors ratify Contract Change Order No. 7 to Pacific Hydrotech for a not to exceed amount of \$1,220 (Action Calendar).

Director Mandich resumed his meeting participation after reentering the building at 7:34AM.

ITEM 4: DOVE AND ROBINSON RANCH RECYCLED WATER PUMP STATION REHABILITATION PROJECT

Mr. Paludi presented this matter for Committee review, and he reported that this active project is ongoing. Ms. Lausten provided a brief project update for Committee review, and she highlighted the construction summary and photos. Ms. Lausten reported that TESCO Controls due to change of certain conditions and relocation of main service board, as well as a credit for paving costs which will be provided by a separate contractor. Discussion occurred concerning preventative maintenance practices for the pump station.

RECOMMENDED ACTION

The Committee approved and recommended Board of Directors ratify Contract Change Order no. 7 to TESCO Controls for a not to exceed amount of \$13,227.37 (Action Calendar).

ITEM 5: SOUTH ORANGE COUNTY SALT AND NUTRIENT MANAGEMENT PLAN COOPERATIVE AGREEMENT – WATERSHED MONITORING

Mr. Paludi introduced this item for Committee review, and he provided background on the purpose of the San Juan Basin Authority (SJBA) and its member agencies. Mr. Paludi reported that he met with the SJBA Executive Officer to discuss the proposed Salt and Nutrient Management Plan Cooperative Agreement, and he mentioned

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that he plans to bring more information to the Board of Directors the following month for their consideration. Discussion occurred concerning the reporting process and collaboration between the SJBA and the South Orange County Wastewater Authority (SOCWA).

RECOMMENDED ACTION

There was no action taken.

ITEM 6: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Bell Canyon Sewer Lift Station Rehabilitation Project

Ms. Lausten provided a brief project update, and she reported that a pre-construction meeting was held the prior week. Ms. Lausten reported that a Notice to Proceed had been issued by the District to Ferreira Construction, and that District staff is preparing an updated project schedule with procurement delays due to the impacts of COVID-19. Ms. Lausten provided a professional service contract change order no. 2 for JIG Consultants in the amount of \$17,800 for additional design and construction report services and additional meeting attendance for wet well assessment and project start up. Discussion occurred concerning ongoing communication with neighboring residents.

2. The Oaks at Trabuco Development

Mr. Paludi provided a brief update on this matter, and he provided a handout which included costs associated with the operation of the onsite wastewater treatment package plant. Discussion occurred regarding District staff concerns with the operation of the facility.

3. Other Projects

None

RECOMMENDED ACTION

The Committee approved and recommended the Board of Directors ratify Professional Services Contract Change Order No. 2 to JIG Consultants in the amount of \$17,800 (Action Calendar).

ITEM 7: WATER SYSTEM UPDATES

Mr. Kessler reviewed the projects and repairs for June 2020, and he provided the additional highlights:

1. Water Operations staff repaired a domestic water service on Hunky Dory Road.
2. Water Operations staff rebuilt the chlorine injection system and recoated the floors of the Chlorine Room at the Dimension Water Treatment Plant.
3. Water Operations staff rebuilt the domestic water supply 12" ClaVal to the Dimension Water Treatment Plant.
4. Water Operations staff painted all the piping inside the Dimension Water Treatment Plant.

Mr. Kessler reviewed the Monthly Water System Operations Summary, and he reported that the State Water Resources Control Board will be onsite for an annual domestic water system inspection on July 8, 2020. Mr. Kessler reported that the Trabuco Creek Groundwater Treatment Facility production has decreased but pumping approximately 200 gallons per minute.

RECOMMENDED ACTION

The Committee received the status update.

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ITEM 8: WASTEWATER SYSTEM UPDATES

Mr. Perea reviewed the projects and repairs for June 2020, and he provided the additional highlights:

1. Wastewater Operations staff implemented the necessary operational changes to meet Southern California Edison (SCE) Time of Use electrical rates.
2. Wastewater Operations staff started pumping Dove Lake to supplement the Reclaimed Water Reservoir at the Robinson Ranch Wastewater Treatment Plant.
3. Wastewater Operations staff started pumping captured recycled water from Dove Creek & Tick Creek Urban Water Recovery Stations and Shadow Rock Detention Basin Facility to supplement the Reclaimed Water Reservoir at the Robinson Ranch Wastewater Treatment Plant.
4. Wastewater Operations staff worked with SS Mechanical and Hydrotech Electrical to install new pumps for the Aerobic Digester and Belt Press systems.

Mr. Perea reviewed the Monthly Wastewater System Operations Summary, he reviewed project photos of the new aerobic digester pumps. Mr. Perea presented the second quarter Sewer System Management Plan Report for Committee review. Mr. Perea reported that Wastewater Operations staff are monitoring non-domestic water supplies to meet summer month demands.

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 June 2020, and he provided the additional highlights:

1. Maintenance Department staff assisted the following contractors with work at the Dove Recycled Booster Pump Station: Hydrotech Electric, TESCO Controls, and Ferreira Construction.
2. Maintenance Department staff assisted SS Mechanical with the installation of the digester pumps at the Robinson Ranch Wastewater Treatment Plant
3. Maintenance Department staff updated the Department of Transportation (DOT) BIT program compliance on the District's fleet vehicles
4. Maintenance Department staff assisted Hydrotech Electric in the repair of the following items at the Via Allegre Sewer Lift Station: pump alternating float control, troubleshoot sonar, and responded to dry pit air/vac failure.
5. Maintenance Department staff performed weed abatement at the following District properties: Porter Ranch, Shadow Rock Detention Basin, and below Trabuco Dam.
6. Maintenance Department staff worked with Wastewater Operations to start up Dove Creek and Tick Creek dry season recovery stations to supplement non-domestic water supplies.
7. Maintenance Department staff worked with TESCO Controls to modify the low suction shutoff switches at Ridgeline Booster Pump Station.

RECOMMENDED ACTION

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

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ITEM 10: OTHER MATTERS/REPORTS

There were no other matters or reports provided to the Committee.

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Mandich adjourned the July 1, 2020 Engineering/Operational Committee Meeting at 7:58 AM.