



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JUNE 3, 2020

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Stephen Dopudja, Committee Member

STAFF PRESENT

Fernando Paludi, General Manager
Michael Perea, District Secretary
Lorrie Lausten, Principal 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 June 3, 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 that it was great to see everyone in person, and he expressed appreciation to District staff for their efforts in response to COVID-19.

Director Mandich echoed Director Dopudja's comments. Director Mandich recused himself from Items 2 and 7

REPORT FROM THE GENERAL MANAGER

Mr. Paludi had no matters to report other than the agenda items.

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

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Director Mandich recused himself at 7:05AM.

ITEM 2: RIDGELINE BOOSTER PUMP STATION IMPROVEMENTS AND CAPACITY INCREASE PROJECT

Ms. Lausten provided a brief project update to the Committee, and she commended the contractor and construction management company for their work to date. Ms. Lausten provided an update on certain project challenges and delays, and she reviewed the Project Construction Report with the Committee. Discussion occurred concerning the asphalt improvements preparation process.

RECOMMENDED ACTION

The Committee received the information concerning the matter.

ITEM 7: SADDLEBACK MEADOWS DEVELOPMENT (181 DUs) – HARRIS GRADE RESERVOIR FEASIBILITY STUDY

Mr. Paludi presented this matter for Committee review, and he provided an update concerning the Reservoir Feasibility Study cost sharing agreement. Ms. Lausten reported that the Sub-Area Master Plan (SAMP) was currently in the review phase. Discussion occurred concerning plans to meet with TetraTech Engineering later in the month.

RECOMMENDED ACTION

The Committee received the information concerning the matter.

Director Mandich rejoined the meeting at 7:35AM.

ITEM 3: DOVE AND ROBINSON RANCH RECYCLED WATER PUMP STATION REHABILITATION PROJECT

Mr. Paludi presented this matter for Committee review, and he reported that the contractor has made good progress on the rehabilitation of the facility. Ms. Lausten reported that District staff participated in a virtual factory witness test with TESCO Controls for the inspection of the onsite Motor Control Panels (MCC). Ms. Lausten provided a review of the project costs to date, and she mentioned that District staff will present a contract change order from Ferreira Construction for incurred costs outside the original scope of work at the Regular Board Meeting. Ms. Lausten presented updated construction photos for Committee review. Discussion occurred concerning the purple discharge pipe.

RECOMMENDED ACTION

The Committee recommended forwarding the information to the Board of Directors (Action Calendar).

ITEM 4: BELL CANYON SEWER LIFT STATION REHABILITATION PROJECT

Mr. Paludi presented this matter for Committee review, and he reported that the District's contractor Ferreira Construction is preparing to mobilize. Ms. Lausten reported that District staff requested proposals for construction management services from three pre-approved consultants, and that she was currently reviewing the proposals. Ms. Lausten added that District staff will make a recommendation at the Regular Board Meeting for Board approval. Mr. Perea reported that Wastewater Operations and Maintenance Department staff responded to an emergency repair on the evening of May 15th and subsequently completed a temporary repair the following morning. Discussion occurred concerning project timeline for completion.

RECOMMENDED ACTION

The Committee recommended forwarding the information to the Board of Directors (Action Calendar).

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ITEM 5: TRABUCO CANYON WATER DISTRICT FISCAL YEAR 2020/2021 GENERAL FUND AND CAPITAL IMPROVEMENT, EQUIPMENT, AND PROGRAMMATIC BUDGETS

Mr. Paludi introduced this item for Committee review, and he mentioned that this matter was reviewed at the Special Board Meeting – Budget Workshop. Mr. Perea reviewed the proposed ten-year Capital Improvement Project (CIP), Equipment, and Programmatic budget, and he highlighted the budgetary reductions and/or project delays due to the unknown, long-term fiscal impacts of COVID-19. Discussion occurred concerning certain proposed project budgets.

RECOMMENDED ACTION

The Committee recommended forwarding the information to the Board of Directors (Action Calendar).

ITEM 6: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Urban Water & Stormwater Runoff Conveyance Structure to Dove Lake (Spillway)

Ms. Lausten provided a brief project update, and she reviewed construction photos. Discussion occurred concerning repairs made to a Dove Canyon Master Association (DCMA) owned gate.

2. Supervisory Control and Data Acquisition (SCADA) System Upgrade Project

Ms. Lausten provided a brief project update for Committee review. Ms. Lausten reported that TESCO Controls is scheduled to complete the Radio Frequency Study in the coming weeks. Discussion occurred concerning project costs to date and planned improvements for the remainder of the year.

3. El Toro Sewer Lift Station Improvements and Irvine Ranch Water District Buyout Proposal

Mr. Paludi provided a brief status update on this matter, and he provided a handout of the proposed terms of the buyout proposal from Irvine Ranch Water District (IRWD). Mr. Paludi expressed his appreciation for IRWD's consideration of the District's counterproposal, and he recommended forwarding this matter to the Finance/Audit Committee for review.

4. Robinson Ranch Wastewater Treatment Plant Utility Service Road Slurry Seal

Ms. Lausten presented this matter for Committee review, and she reported that the utility service road to the Robinson Ranch Wastewater Treatment Plant (WWTP) requires a slurry seal to protect the two-year old road rehabilitation. Mr. Paludi reported that this work was within his signing authority and that District staff will proceed with this work.

5. The Oaks at Trabuco Development

Mr. Paludi provided a brief update on this matter, and he mentioned that District staff has met with the Developer and their engineering consultants concerning the operation of the onsite wastewater treatment facility. Mr. Paludi reported that District staff are reviewing their proposal on the acceptance of the facility, and will work with an independent, third-party to evaluate the proposal. Discussion occurred concerning existing agreements between the District and the developer.

6. Other Projects

None

RECOMMENDED ACTION

The Committee received the information concerning the matter.

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ITEM 8: WATER SYSTEM UPDATES

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

1. Water Operations staff installed and painted a pipe rack at the Dimension Water Treatment Plant.
2. Water Operations staff worked with Ferreira Construction to replace a 12" valve and repair a 10" discharge line leak at the Plano Pump Station.
3. Water Operations staff replaced service lines on Raintree in the Robinson Ranch Community and Inverary in Dove Canyon Community.
4. Water Operations staff Repaired service line leak on Atkinson within Trabuco Canyon.

Mr. Kessler reviewed the Monthly Water System Operations Summary, and he reported that the Trabuco Creek Groundwater Treatment Facility produced eighty-one acre-feet of groundwater in the prior month.

RECOMMENDED ACTION

The Committee received the status update.

ITEM 9: WASTEWATER SYSTEM UPDATES

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

1. Wastewater Operations staff completed quarterly & semi-annual sampling for the Robinson Ranch Wastewater Treatment Plant (WWTP) and Groundwater Monitoring Wells.
2. Wastewater Operations staff assisted Water Operations on a domestic water service repair on Inverary in the Dove Canyon community.
3. Wastewater Operations staff performed maintenance on a pump at the Plano Trabuco Sewer Lift Station due to rag build up.
4. Wastewater Operations staff installed a check valve and isolation valve on the recycled water service to the WWTP.

Mr. Perea reviewed the Monthly Wastewater System Operations Summary, and he reported that recycled water use has increased significantly. Mr. Perea commented on the increased presence of duckweed in Dove Lake, and he mentioned that Wastewater Operations staff are working to mitigate the impacts of the naturally occurring plant.

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 May 2020, and he provided the additional highlights:

1. Maintenance Department staff assisted Water Operations with a domestic service repair on Atkinson Lane in Trabuco Canyon.
2. Maintenance Department staff worked with TESCO Controls on the SCADA Radio Frequency Test.
3. Maintenance Department staff worked with JES on the Urban Water & Stormwater Runoff Conveyance Structure to Dove Lake (Spillway) Project.
4. Maintenance Department staff worked with Pacific Hydrotech on the Ridgeline Booster Pump Station Rehabilitation Project.
5. Maintenance Department staff worked with Ferreira Construction on the Dove/Robinson Ranch Recycled Water Pump Station Improvement Project.

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RECOMMENDED ACTION

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

ITEM 11: OTHER MATTERS/REPORTS

None

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Mandich adjourned the June 3, 2020 Engineering/Operational Committee Meeting at 8:20 AM.