



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | SEPTEMBER 5, 2018

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Stephen Dopudja, Committee Member

STAFF PRESENT

Michael Perea, Interim General Manager
Lorrie Lausten, Principal Engineer
Travis Jones, Wastewater Department Chief Plant Operator
Jason Stroud, Maintenance Department Superintendent
Lisa Sangi, Administrative Assistant

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Mandich called the September 5, 2018 Engineering/Operational Committee Meeting to order at 7:01 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

Mr. Perea reported that he attended the Municipal Water District of Orange County (MWDOC) Planning and Operations Committee Meeting, and that he expressed District's interest in the Extraordinary Supply Pilot Program to MWDOC General Manager Mr. Rob Hunter.

Mr. Perea reported that the County of Orange is holding a series of Post-Holy Fire Debris Flow Preparation Meetings for affected agencies, including the District, and mentioned that Ms. Lausten will be attending these meetings. Ms. Lausten provided a brief recap of the matters discussed at the meeting, and she mentioned that the group reviewed a map that will be used for storm flooding and flow debris planning.

Mr. Perea reported that both he and Ms. Warner met with the District Treasurer concerning the internal financial analysis of the Temporary Revenue Stabilization Charge (TRSC). Mr. Perea mentioned that the analysis findings will be shared with the Board of Directors at the Regular Board Meeting.

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ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Perea presented the recaps for Committee review in accordance with the agenda.

RECOMMENDED ACTION

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

ITEM 2: VIA ALLEGRE WET WELL EXPANSION PROJECT

Ms. Lausten provided a brief status update on this project, she reviewed the updated project schedule. Ms. Lausten mentioned that District staff recommend replacing the existing pumps at this facility, and that District staff are currently reviewing quotes for three different pump brands: Wilo, Cornell, Xylem/Flygt pumps. Discussion occurred concerning emergency access to the facility; Ms. Lausten mentioned that she was working with the District's right-of-way consultant to identify existing easements.

RECOMMENDED ACTION

The Committee recommended that this matter be forwarded to the Board of Directors (Action Calendar).

ITEM 3: DISTRICT FACILITIES SECURITY SITE IMPROVEMENTS

Mr. Perea provided a status update on this project, and he mentioned that District staff have been notified of trespassing on the District's property the prior weekend. Mr. Perea commented that he has been working with Mr. Stroud to identify strategic locations for the installation of heavy-duty swing gates to deter unauthorized access. Mr. Perea added that Mr. Stroud had requested quotes for the swing gates from three vendors, but only one vendor, La Habra Fence Co., responded with a quote. Mr. Perea commented that the fabrication and installation of the three swing gates was within his signing authority, and that he would proceed with the swing gate security improvements.

Mr. Perea reported that the County of Orange, OC Parks (County) had contacted him concerning a request to install K-Rail on Trabuco Creek Road adjacent to the District's lower Porter Property. Mr. Perea reviewed the County Property Access Permit Request Form with the Committee, and he expressed his concern with some of the permit language and the potential exposure related to the installation of K-Rail; Mr. Perea mentioned that the permit was reviewed with General Legal Counsel and shared the same concerns. Mr. Perea added that the County is installing a security camera on the District's property at the entrance of Trabuco Creek Road for Post-Holy Fire Debris Flow monitoring during the winter season.

Mr. Perea reported that the Administration Facility was vandalized the prior week and four of the outdoor lanterns were stolen. Mr. Perea commented that District staff reported the incident to the Orange County Sheriff's Department, and he mentioned that District staff is working to replace the lanterns.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 4: RIDGELINE BOOSTER PUMP STATION IMPROVEMENTS AND CAPACITY INCREASE PROJECT

Ms. Lausten provided a brief status update on this project, and she highlighted an overview of the planned facility improvements. Discussion occurred concerning the possibility of grant funding on certain equipment for the facility improvements; Mr. Perea mentioned that District staff will coordinate with MWDOC staff on the availability of grant funding opportunities. Discussion occurred concerning the overall fiscal impact for the facility

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improvements and the cost sharing structure in the agreement with the developer. Director Dopudja suggested that District staff update the staff report indicating the project fiscal impact in accordance with the agreement.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Santiago Canyon Road Pipeline Improvements Project:

Ms. Lausten presented a PowerPoint presentation for Committee review, and she highlighted the project items completed to date. Discussion occurred concerning the project timeline for completion and the abandonment of the existing eight-inch pipeline. Ms. Lausten mentioned that she would have additional photos as the project proceeds.

2. Supervisory Control and Data Acquisition (SCADA) System:

Ms. Lausten provided a brief project update, and she mentioned that District staff is currently working with Cox Communications for the necessary point to point internet connections and equipment for this project. Ms. Lausten mentioned that TESCO would be on site the following week for server equipment configuration.

3. Canyon Creek Pump Station Improvements:

Ms. Lausten provided a brief update on this project, and she reported that a Technical Memorandum prepared by JIG Consultants was received and will be reviewed with Operations. Mr. Kessler provided a brief review of the recently completed facility repairs. Ms. Lausten commented that a re-circulation line was installed to improve facility operations. Mr. Stroud mentioned he was preparing a request for a quote for a pneumatic tank for the facility.

4. Dimension Water Treatment Plant Truck Delivery Access Improvements:

Ms. Lausten mentioned that this project has been postponed due to challenges related to the procurement of bids, and District staff have coordinated the City of Lake Forest for inclusion in their street improvement capital project in Spring, 2019.

5. Dove Canyon/Robinson Ranch Recycled Water Pump Station Upgrade Project:

Ms. Lausten provided a brief update and mentioned that JIG Consultants was currently updating the Technical Memorandum. Mr. Perea briefly discussed the capital improvement project budget for this project, and he mentioned that the budget was based on bids received from preferred vendors, but that District staff will request bids in accordance with the District's Procurement Policy.

6. State Mandated School Lead Sampling Program:

Mr. Kessler commented that this project is complete, and the District has satisfied the State requirements.

7. Unity Holdings, LLC (Josh Warren) On-Site Private Well Application:

Ms. Lausten reported that this customer contacted the District and expressed an interest to drill a private well on their property. Ms. Lausten added that she completed a review of their plans and then she provided a letter stating that the District was not opposed to the construction of the private well. Ms. Lausten mentioned that due to the proximity to the District's Rose Reservoir, she included in the letter a requirement that the private well would include a clearance of three-hundred feet from Rose Reservoir.

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8. Other Projects:

There were no other projects presented for Committee review.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 6: SADDLE CREST DEVELOPMENT (65 DU's | WSL)

Ms. Lausten provided a brief status update on this development, and she reported that the Construction Management and Inspection Services for the Reservoir and Pump Station bids are due the following day. Ms. Lausten highlighted the five firms that the District submitted Request for Proposals, and she mentioned that District staff will agendaize this matter for Committee review the following month.

Mr. Perea commented that one of the prospective firms is currently working for the developer on project finance monitoring, and he discussed that there was possible perceived conflict of interest if the District contracted with the firm. Mr. Perea mentioned that he discussed this matter with a representative of the firm. Discussion occurred concerning cost sharing and cost responsibility for construction management and inspection services; Ms. Lausten confirmed that these costs are paid by the Developer.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 7: WATER SYSTEM UPDATES

Mr. Kessler reviewed the projects and repairs for August 2018, and he provided the additional highlights:

1. Water Operations staff capped an eight-inch distribution pipeline on Santiago Canyon Road.
2. Water Operations staff repaired a service line leak on Oakie Doakie Lane.
3. Water Operations staff worked with Ferreira Construction (Contractor) on the Santiago Canyon Road Pipeline Improvement Project.
4. Water Operations staff worked with Ferreira Construction (Contractor) on an emergency pipeline repair on Birdhollow Drive.

Mr. Kessler presented a section of the replaced pipeline from the emergency line break on Birdhollow Drive. Discussion occurred concerning the City of Rancho Santa Margarita street repaving schedule and the District's Valve Exercising Program. Director Dopudja asked for an update on the number of valves exercised to date; Mr. Perea commented that future staff reports will provide an update on the District's Valve Exercising Program.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 8: WASTEWATER SYSTEM UPDATES

Mr. Hanberg reviewed the projects and repairs for August 2018, and he provided the additional highlights:

1. Wastewater Operations staff painted the Robinson Ranch Wastewater Treatment Plant Chlorine Building, Maintenance Building, and Parts Shed.
2. Wastewater Operations staff worked with the Maintenance Department to remove the Dove Lake pump for replacement.

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3. Wastewater Operations staff assisted the Maintenance Department in the removal of the Heritage Lift Station pump for repair.

Mr. Hanberg briefly reviewed the Monthly Recycled Water System Operations Summary (Summary) with the Committee. Mr. Hanberg indicated that Operations was no longer supplementing the Reclaimed Water Reservoir with domestic water, and that he would continue to monitor the levels of the reservoir and Dove Lake.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 9: OTHER MATTERS/REPORTS

Mr. Perea briefly discussed the vandalism which occurred at the Administration Building.

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Mandich adjourned the September 5, 2018 Engineering/Operational Committee Meeting at 8:02 AM.