



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JULY 11, 2018**

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### **DIRECTORS PRESENT**

Edward Mandich, Committee Chair  
Stephen Dopudja, Committee Member

### **STAFF PRESENT**

Michael Perea, Acting General Manager  
Lorrie Lausten, Principal Engineer  
Kris Hanberg, Wastewater Department Superintendent  
Gary Kessler, Water Department Superintendent  
Jason Stroud, Maintenance Department Superintendent  
Lisa Sangi, Administrative Assistant

### **PUBLIC PRESENT**

None

### **CALL MEETING TO ORDER**

Director Mandich called the July 11, 2018 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**

Mr. Perea thanked the Committee for re-scheduling the Committee Meeting to accommodate for the Independence Day Holiday.

Mr. Perea reported that Mr. Kessler, Mr. Stroud, and he attended the County of Orange OC Parks Trabuco Creek Road Dust Control Project Kick-Off Meeting earlier in the week. Mr. Perea mentioned that the County requested the installation of a project sign and security camera at the edge of the District's Porter Property, and provided approval for the installation of the sign after reviewing the proposed site with Water Operations staff.

### **ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP**

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

### **RECOMMENDED ACTION**

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

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**ITEM 2: DOVE & ROBINSON RANCH RECYCLED WATER PUMP STATIONS REPLACEMENT PROJECT – PHASE 1**

Ms. Lausten provided a brief update on this project, and she mentioned that District staff has met with JIG Consultants to review the existing Technical Memorandum and determine the necessary updates. Ms. Lausten added that both she and Mr. Perea met with Director Dopudja to review the proposed updates to the Technical Memorandum. Discussion occurred concerning the costs associated for the updates.

**RECOMMENDED ACTION**

The Committee recommended that the Board of Directors authorize the Interim General Manager to execute a contract with JIG Consultants to update the Dove Canyon Robinson Ranch Pump Station Rehabilitation Technical Memorandum in the amount of \$15,000 (Action Calendar).

**ITEM 3: VIA ALLEGRE WET WELL EXPANSION PROJECT**

Ms. Lausten provided a brief status update on this project, and she commented that District staff is coordinating with Hydrotech Electrical for the electrical improvements to the facility.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 4: DIMENSION WATER TREATMENT PLANT TRUCK DELIVERY ACCESS IMPROVEMENTS**

Ms. Lausten provide a brief status update on this project, and she mentioned that the mandatory bid meeting for this project was held. Ms. Lausten mentioned she had contacted multiple contractors and advertised it on the Green Sheet, but that only one contractor attended the bid meeting. Ms. Lausten added that she is considering another non-mandatory bid meeting to potentially receive additional bids for the project. Discussion occurred project timeline for completion and possible impacts to the City of Lake Forest street improvement project.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 5: SANTIAGO CANYON ROAD PIPELINE IMPROVEMENTS**

Ms. Lausten provided a brief update on this project, and she reviewed the redlined project plans and revised bids. Ms. Lausten commented that received bids for this project were significantly higher than the project budget, and that she followed up with the lowest bidder to value engineer the scope of the project and its associated costs. Discussion occurred concerning the project challenges and highlighted the project cost savings and project timeline for completion. Mr. Perea mentioned that he is working with the District Treasurer to identify additional supplemental funds to complete the project, and he reported that this project will be brought back to the next Engineering / Operational Committee Meeting.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 6: RIDGELINE BOOSTER PUMP STATION IMPROVEMENTS AND CAPACITY INCREASE PROJECT**

Ms. Lausten provided a brief update on this project, and she reported that District staff has met with Hazen (Consultant) to provide updated survey information related to their data request. Discussion occurred concerning the project timeline for completion.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

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**ITEM 7: TRABUCO CREEK WATERSHED SANITARY SURVEY UPDATE**

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Mr. Perea provided a status updated on this matter, and he reported that District staff has worked Water Resources Planning (Consultant) to complete the 2016 Trabuco Creek Watershed Sanitary Survey. Mr. Perea commented that the Survey is required to be completed every five years, and that the District did not complete the Survey by the 2016 deadline. Mr. Perea mentioned that the Survey was due before June 30, 2018, but that the Division of Drinking Water was provided a Final Draft before the due date. Mr. Perea added that after the Survey is approved by the Board of Directors, that Final Survey will be provided to DDW in compliance with the regulatory requirement.

**RECOMMENDED ACTION**

The Committee recommended that the Board of Directors approve the Trabuco Canyon Water District 2018 Trabuco Creek Watershed Sanitary Survey Update (Action Calendar).

**ITEM 8: OTHER ENGINEERING AND OPERATIONS PROJECTS**

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**1. District Facilities Security Site Improvements:**

Mr. Perea provided a brief update on this project, and he reported that the posting of the District's No Trespassing signage on the Porter Property has been completed. Mr. Perea added that Mr. Stroud and he met with the City of Rancho Santa Margarita Chief of Police to provide him a tour of the District's property. Mr. Perea mentioned that District staff is coordinating with its vendor for additional security upgrades at the Porter Property.

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

Ms. Lausten provided a brief project update, and she mentioned that there will be District staff is currently working with TESCO Controls Services and Beavens Instrumentation on building the SCADA servers.

**3. Canyon Creek Pump Station Improvements:**

Ms. Lausten provided a brief update on this matter, and she commented that Water Operations staff worked with Ferreira Construction (Contractor) on the replacement of certain sections of pipes at the facility. Ms. Lausten reported that District staff is working with JIG Consultants on a preliminary design report for future facility upgrades. Discussion occurred concerning the scheduled repair at the facility and other factors related to the facility's poor condition. Mr. Perea commented that an upgrade of this facility will be scheduled for Fiscal Year 2020/2021 after the preliminary design report is completed.

**4. El Toro Road Field House/Pump Station Security and Site Improvements:**

Ms. Lausten provided a brief update on this project, and she reported that this project included the demolition of the old lower pump building and security upgrades. Mr. Kessler provided a brief review of the demolition work and subsequent equipment and certain pipeline adjustments.

**5. State Mandated School Lead Sampling Program:**

Mr. Kessler provided a brief update on this project, and he reported that the Saddleback Unified School District is providing their most recent testing results to the District for review. Mr. Kessler added that he will contact the DDW to discern if the sampling results will satisfy the regulatory requirement.

**6. Other Projects:**

There were no other projects presented for Committee review.

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**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 9: SADDLE CREST DEVELOPMENT (65 DU's | WSL)**

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Ms. Lausten provided a brief status update on this development, and she reported that District staff has provided comments on the water and sewer connections that are in construction on Santiago Canyon Road. Ms. Lausten commented that she has prepared and issued a Request for Proposal (RFP) for Construction Inspection Services for the construction of the onsite reservoir and pump station.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 10: WATER SYSTEM UPDATES**

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

1. Water Operations staff replaced two (2) 3-inch gate valves in a PRV vault for O'Neil Park.
2. Water Operations staff removed a six-inch bypass line at El Toro Road Lower Pump House/Field Office.
3. Water Operations staff worked with a contractor to remove and replace a corroded discharge line at Canyon Creek Booster Pump Station.
4. Water Operations staff exercised fifty-four (54) valves in the Dove Canyon community.

Mr. Kessler reviewed the Monthly Water System Operations Summary with the Committee, and he reported that there was an anomaly with a customer using 1.1 acre-feet of water due to his sprinkler being left on for a week.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 11: WASTEWATER SYSTEM UPDATES**

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

1. Wastewater Operations staff cleaned the wet wells of Via Allegre, Bell Canyon, Barneburg, Heritage, and Plano Trabuco Sewer Lift Stations.
2. Wastewater Operations staff completed landscaping maintenance on Dove Canyon Dam Face.

Mr. Hanberg reviewed the Monthly Recycled Water System Operations Summary with the Committee, and he reported that Wastewater Operation was supplementing the reclaimed water reservoir with domestic water in order to meet demand. Mr. Perea mentioned that District staff is currently collecting data for development of the proposed non-domestic water management policy.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 12: OTHER MATTERS/REPORTS**

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Mr. Perea commented that he would be attending the Orange County Local Agencies Formation Commission (OCLAFCO) meeting workshop later that morning which includes the Focused Municipal Service Review (MSR) for the City of San Juan Capistrano water and wastewater utilities. Mr. Perea commented that he will provide an update to the Board of Directors at the Regular Board Meeting.

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**RECOMMENDED ACTION**

There was no action taken.

**ADJOURNMENT**

Director Mandich adjourned the July 11, 2018 Engineering/Operational Committee Meeting at 7:56 AM.