



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JUNE 5, 2019**

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### **DIRECTORS PRESENT**

Edward Mandich, Committee Chair  
Stephen Dopudja, Committee Member

### **STAFF PRESENT**

Michael Perea, Interim General Manager  
Lorrie Lausten, Principal Engineer  
Gary Kessler, Water Department Superintendent  
Travis Jones, Wastewater Department Chief Plant Operator  
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 5, 2019 Engineering/Operational Committee Meeting to order at 7:04 AM.

### **VISITOR PARTICIPATION**

No comments were received.

### **ORAL COMMUNICATION**

No comments were received.

### **COMMITTEE MEMBER COMMENTS**

None

### **REPORT FROM THE INTERIM GENERAL MANAGER**

Mr. Perea reported on certain District facility security improvements that had been recently completed.

Mr. Perea reported on his attendance at the recent Community Associations of Rancho (CAR) Meeting, and he mentioned that the Orange County Fire Authority provided an update on new defensible space and fuel modification zone requirements for Homeowner Associations.

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

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Mr. Perea presented the 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).

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JUNE 5, 2019**

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

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Ms. Lausten provided a brief update on this project, and she mentioned that project construction proposals in accordance with the reduced the Scope of Work (SOW) will be due on June 11, 2019. Discussion occurred concerning the proposal review process and the reduced SOW. Ms. Lausten presented contract change orders for Hazen and DMc Engineering for Committee consideration; discussion occurred concerning certain typographical errors on the change orders.

**RECOMMENDED ACTION**

The Committee received the status update and recommended forwarding the contract change orders to the to the Board of Directors for their consideration (Action Calendar).

**ITEM 3: DISCUSSION CONCERNING THE URBAN WATER RUNOFF & STORMWATER CONVEYANCE STRUCTURE TO DOVE LAKE**

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Mr. Perea provided a brief update on this matter, and he mentioned that both GMU Geotechnical and Dudek have provided repair proposals per the direction of the Board. Discussion occurred concerning the proposed repair options and the necessity of a conceptual alternative analysis related to this facility repair.

**RECOMMENDED ACTION**

The Committee received the status update and recommended forwarding the information to the Board of Directors (Action Calendar).

**ITEM 4: DISCUSSION CONCERNING TRABUCO CANYON WATER DISTRICT FISCAL YEAR 2019/2020 CAPITAL IMPROVEMENT PROJECT (CIP), EQUIPMENT, & PROGRAM BUDGETS**

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Mr. Perea presented this matter for Committee review and he provided a brief overview of the updated changes to the General Fund Budget assumptions with the Committee. Discussion occurred concerning certain Capital Improvement Projects and shared services arrangements for inter-agency collaborations. Mr. Perea commended District staff for the hard work in the development of the proposed Fiscal Year 2019/2020 Budget.

**RECOMMENDED ACTION**

The Committee received the status update and recommended forwarding the information to the Board of Directors.

**ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECTS**

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**1. Dove & Robinson Recycled Water Pump Station Rehabilitation Project**

Ms. Lausten provided a brief update on this project and presented a handout for Committee review. Ms. Lausten highlighted a contract change order from DMc Engineering that will be presented to the Board of Directors at the Regular Board Meeting. Ms. Lausten reported that Ferreira Construction (Contractor) is scheduled to repair the discharge piping and replace sections of the inlet pipeline. Ms. Lausten mentioned that TESCO Controls met with Operations and Maintenance staff to discuss and approve design changes to the Motor Control Center.

**2. Heritage Lift Station Site Improvements**

Ms. Lausten provided a brief update on this project, and she reported that DMc Engineering has provided a proposal for surveying services for facility site improvements. Discussion occurred concerning planned facility security improvements.

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JUNE 5, 2019**

**3. Other Projects**

Ms. Lausten mentioned that she had met with the City of Rancho Santa Margarita inspector with regards to the Via Allegre curb to be painted red, and she mentioned that the inspector indicated that the curb would be painted later that week.

Ms. Lausten reported that the District received a reimbursement check in the amount of \$48,000 retention portion related to the Shadow Rock Detention Basin Facility Proposition 84 grant, and that the Federal Emergency Management Agency (FEMA) approved the audit of the Alternate Raw Water Transmission Line Project.

**RECOMMENDED ACTION**

The Committee received the status update and recommended forwarding the DMc Engineering Contract Change Order to the Board of Directors (Action Calendar).

**ITEM 6: SADDLE CREST DEVELOPMENT (65 DUs )**

Ms. Lausten provided a brief status update on this development, and she presented a project three - week schedule forecast. Ms. Lausten commented that the project was approximately one month behind due to the recent storm impacts. Discussion occurred concerning pump station construction challenges and subsequent resolutions.

**RECOMMENDED ACTION**

The Committee received the status update. No action was taken.

**ITEM 7: SADDLEBACK MEADOWS DEVELOPMENT (167 DUs )**

Ms. Lausten provided a brief status update on this development, and she reported that District staff had met with Hunsaker and Associates and Psomas to review the proposed development and related matters.

**RECOMMENDED ACTION**

The Committee received the status update. No action was taken.

**ITEM 8: WATER SYSTEM UPDATES**

Mr. Kessler reviewed the projects and repairs for May 2019, and he provided the additional highlights:

1. Water Operations staff repaired service line leaks on Silent Spring, Snowdon and Sycamore Canyon
2. Water Operations staff properly abandon leaking service line on Mountain View.
3. Water Operations staff worked with contractor on water main break on Golf View.

Mr. Kessler reviewed the Monthly Water System Operations Summary, and he reported that Water Operations staff exercised sixty-three (63) valves in the Canyon areas. Mr. Kessler reported on certain emergency pipeline breaks that occurred the prior month. Mr. Kessler reported that the Dimension Water Treatment Plant is offline. Discussion occurred concerning Irvine Lake water quality. Mr. Perea mentioned that the decision was made to continue to use well production water augmented by water purchased via the Districts intertie with Santa Margarita Water District.

**RECOMMENDED ACTION**

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

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JUNE 5, 2019**

**ITEM 9: WASTEWATER SYSTEM UPDATES**

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Mr. Jones reviewed the projects and repairs for May 2019, and he provided the additional highlights:

1. Wastewater Operations staff worked with the Maintenance Department at Bell Canyon Sewer Lift Station on the installation of new pump seals and remounting of the pumps.
2. Wastewater Operations staff installed a new sump pump at the Chlorine Contact Chamber at the Robinson Ranch Wastewater Treatment Plant (WWTP).
3. Wastewater Operations staff installed new DO probes for East and West SBR at the WWTP; TESCO Controls assisted with the calibration of the equipment.
4. Wastewater Operations staff replaced the Dove Recycled Water Pump Station filter backwash line.
5. Wastewater Operations staff assisted the Maintenance Department and Global Power in the removal and installation of a new Automatic Transfer Switch (ATS).

Mr. Jones reviewed the Monthly Wastewater System Operations Summary, and he reported that Wastewater Operations staff coordinated with the County of Orange Office of Environmental Health and the City of Rancho Santa Margarita during a recent grease interceptor inspection.

Discussion occurred concerning Dove Lake water quality. Mr. Perea commented that the Dove Canyon Master Association Property Manager contacted the District concerning the increase in duckweed on Dove Lake, and he commented that the natural occurrence of duckweed in Dove Lake is due to increased waterfowl. Mr. Perea added that Wastewater Operations staff have contained the duckweed at the north end of Dove Lake in order to shorten its life cycle.

**RECOMMENDED ACTION**

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

**ITEM 10: MAINTENANCE DEPARTMENT UPDATES**

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Mr. Stroud reviewed the projects and repairs for May 2019, and he provided the additional highlights:

1. Maintenance Department staff worked with TESCO Controls on the annual EMASS review.
2. Maintenance Department staff attended the monthly WEROC meeting in Fountain Valley to discuss ongoing SCE PSPS Protocol and impacts.
3. Maintenance Department staff assisted Global Power with the installation of the new ATS at the WWTP.
4. Maintenance Department staff assisted in the emergency repair at Bell Canyon Lift Station.
5. Maintenance Department staff worked with Ferreira Construction on the Dove & Robinson Ranch Recycled Water Pump Station Rehabilitation Project.

**RECOMMENDED ACTION**

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

**ITEM 11: OTHER MATTERS/REPORTS**

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Mr. Perea commented there were no other matters for discussion.

**RECOMMENDED ACTION**

There was no action taken.

**ADJOURNMENT**

Director Mandich adjourned the June 5, 2019 Engineering/Operational Committee Meeting at 8:04 AM.