



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | APRIL 4, 2018**

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### **DIRECTORS PRESENT**

Edward Mandich, Committee Chair  
Don Chadd, Alternate Committee Member

### **STAFF PRESENT**

Hector Ruiz, General Manager  
Michael Perea, District Secretary  
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 April 4, 2018, Engineering/Operational Committee Meeting to order at 7:15 AM.

### **VISITOR PARTICIPATION**

No comments were received.

### **ORAL COMMUNICATION**

No comments were received.

### **COMMITTEE MEMBER COMMENTS**

Director Mandich expressed his hopes that District staff had a Happy Easter holiday.

No other comments were received.

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

No comments were received.

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

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There were no items to present at the time of the meeting.

### **RECOMMENDED ACTION**

No action taken.

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

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Ms. Lausten provided a brief status update on this project, and she presented a proposal from JIG Consultants to update the Technical Memorandum for this project. Ms. Lausten highlighted certain sections of the Technical Memorandum that will be updated based on feedback provided at the prior Committee meeting. Discussion occurred concerning the proposal for the update to the Technical Memorandum. Director Mandich commended

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District staff on capturing the Committee’s feedback, and he added that the maintenance of the existing facility is important.

**RECOMMENDED ACTION**

The Committee recommended that the Board of Directors approve the JIG Consultants Proposal for Update to Technical Memorandum for the Dove Canyon and Robinson Ranch Recycled Water Pump Station Replacement – Phase 1 in the amount of \$12,000 (Action Calendar).

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

Mr. Ruiz stated there was no action on this item. Ms. Lausten provided a brief update on this project, and she mentioned that this project was currently in the procurement phase. Discussion occurred concerning the facility pumps and electrical equipment.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 4: ROBINSON RANCH WASTEWATER TREATMENT PLANT SITE SECURITY IMPROVEMENTS**

Mr. Ruiz commented that there was no action on this item. Ms. Lausten provided a brief project update, and she mentioned that there have been some schedule delays due to inclement weather which has impacted the landscape contractor. Ms. Lausten reported that the security fence contractor is scheduled to begin work later in the week as scheduled.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 5: DIMENSION WATER TREATMENT PLANT TRUCK DELIVERY ACCESS IMPROVEMENTS**

Mr. Ruiz commented that there was no action on this item. Ms. Lausten provided a brief update on this project, and she reported that the project plans have been submitted to the City of Lake Forest for their review and comment. Ms. Lausten added that District staff plans to complete this project prior to the City of Lake Forest street improvement project. Discussion occurred concerning the updated access plans and construction of the new perimeter fence.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 6: SANTIAGO CANYON ROAD PIPELINE IMPROVEMENTS**

Mr. Ruiz commented that there was no action on this item. Ms. Lausten provided a brief update on this project, and she presented aerial photos of the project area. Ms. Lausten discussed the project goals, and mentioned that the project timeline is impacted by the County of Orange Santiago Canyon Road surface improvements project

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 7: RIDGELINE BOOSTER PUMP STATION IMPROVEMENTS AND CAPACITY INCREASE PROJECT**

Ms. Lausten provided a brief update on this project, and she mentioned that a Request for Proposal for Engineering Design Services was issued earlier in the week to five consultants. Ms. Lausten reviewed the proposed

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facility layout and the shared costs for the improvements to the facility. Discussion occurred concerning certain proposed pump equipment and electrical improvements to the facility.

**RECOMMENDED ACTION**

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

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

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*1. Supervisory Control and Data Acquisition (SCADA) System*

Ms. Lausten provided a brief update on this project, and she mentioned that TESCO Controls and Beavens Instrumentation is currently procuring the hardware and equipment for this project.

*2. Trabuco Creek Watershed Sanitary Survey Update*

Mr. Ruiz provided a brief update on this project, and he mentioned that this regulatory requirement was due to the Division of Drinking Water before the end of the year. Mr. Ruiz added that more information will be presented at the next Engineering/Operational Committee Meeting.

*3. Department of Water Resources Emergency Action Plan Development for Trabuco Canyon Water District Dams*

Ms. Lausten provided a brief update on this matter, and she reported the contracted was executed with Dudek (Consultant).

*4. Orange County Regional Water and Wastewater Multi-Hazard Mitigation Plan*

Ms. Lausten provided a brief update on this matter, and she reported that comments were due by the end of the month. Ms. Lausten added that MWDOC has posted an online survey for member agency and public input.

*5. Goren Wastewater Treatment Plant Permit Modifications*

Mr. Ruiz provided a brief update on this matter, and he reported that District staff has met with South Orange County Wastewater Authority (SOCWA) staff to discuss this matter more fully. Mr. Ruiz added that District staff has provided the recommended facility modifications and associated costs to the developer.

*6. Activated Sludge System, Aeration Headers Replacement Project*

Mr. Hanberg provided a brief update on this project, and he reported that the third of four total pipelines was scheduled to be installed later that day.

*7. State Mandated School Lead Sampling Program*

Mr. Ruiz reported that he met with Water Operations staff to review the District's planned outreach methods for this regulatory requirement.

*8. Emergency Water Supply Reliability*

Mr. Perea provided a brief update on this matter based on information presented at the MWDOC Managers' Meeting. Discussion occurred concerning the District's emergency water supplies and water banking opportunities.

*9. Other Projects*

There were no other projects presented for discussion.

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**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 9: CAPITAL IMPROVEMENT PROGRAM (CIP) UPDATED AND PROPOSED FISCAL YEAR 2018/2019 CIP**

Mr. Ruiz discussed the proposed Fiscal Year 2018/2019 Capital Improvement Program (CIP) and General Fund Budgets. Information was presented concerning the individual CIP projects in terms of carry-over projects and new projects. Discussion occurred concerning the carry-over projects and timelines for completion.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 10: SADDLE CREST DEVELOPMENT (65 DUs | WSL)**

Ms. Lausten provided a brief update on this development, and she reported that District staff was currently reviewing the Tract Map and performing the Plan Check process. Ms. Lausten commented that she has not received a new construction schedule from the developer to date.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 11: WATER SYSTEM UPDATES**

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

1. Water Department staff repaired two emergency water main breaks on Silvertree Lane.
2. Water Department staff cleaned and exercised sixty-seven (67) valves in the Dove Canyon Community.
3. Water Department staff painted all the steel air-vac cans and water quality sample stations in the Dove Canyon, Rancho Cielo, and Walden Communities.
4. Water Department staff replaced the chlorine analyzers at Station 9 and Via Allegre.

Mr. Kessler reviewed the Monthly Water System Operations Summary with the Committee.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 12: WASTEWATER SYSTEM UPDATES**

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

1. Wastewater Department staff drained the West Sequencing Batch Reactor (SBR) at the Robinson Ranch Wastewater Treatment Plant (WWTP) to repair broken fine air diffusers and to clean the tank.
2. Wastewater Department staff completed Source Control Inspections of the commercial accounts in the District's service area.

Mr. Hanberg reviewed the Monthly Recycled Water System Operations Summary with the Committee, and he reported that Wastewater Operation has started to supplement the reclaimed water reservoir with domestic water to meet increased recycled water demands.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

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**ITEM 13: OTHER MATTERS/REPORTS**

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Mr. Ruiz reported that District staff is coordinating with a contractor for the removal of the sediment and overgrowth at both Dove Creek and Tick Creek Urban Runoff Recovery Pump Stations. Discussion occurred concerning budgeting for this recurring work on an annual basis.

**RECOMMENDED ACTION**

There was no action taken.

**ADJOURNMENT**

Director Mandich adjourned the April 4, 2018, Engineering/Operational Committee Meeting at 8:28 AM.