



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JANUARY 5, 2022**

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### **DIRECTORS PRESENT**

Stephen Dopudja, Committee Chair  
Mike Safranski, Committee Member

### **STAFF PRESENT**

Fernando Paludi, General Manager  
Michael Perea, Assistant General Manager  
Lorrie Lausten, District Engineer  
Gary Kessler, Water Superintendent  
Jason Stroud, Maintenance Superintendent  
Oscar Ulloa, Wastewater Chief Plant Operator  
Lisa Marie Sangi, Executive Assistant

### **STAFF PRESENT VIA CONFERENCE CALL**

Karen Warner, Principal Accountant

### **PUBLIC PRESENT**

Tori Yokoyama, Hazen & Sawyer  
Sean Pour, Hazen & Sawyer

### **PUBLIC PRESENT VIA CONFERENCE CALL**

There were members of the public present.

### **CALL MEETING TO ORDER**

Director Dopudja called the January 5, 2022 Engineering/Operational Committee Meeting to order at 7:06 AM.

### **VISITOR PARTICIPATION**

No comments were received.

### **ORAL COMMUNICATION**

No comments were received.

### **COMMITTEE MEMBER COMMENTS**

Director Safranski wished a Happy New Year to everyone in attendance.

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

Mr. Paludi wished a Happy New Year to everyone in attendance as well.

### **ITEM 1: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING ORANGE COUNTY RESCUE MISSION DOMESTIC WATER SERVICE RELOCATION**

Mr. Paludi introduced this matter for Committee review, and he reported that District staff is currently working with this new customer to relocate the primary point of domestic water service to the public right of way and install a separate irrigation connection. Mr. Paludi added that this complex project includes certain costs

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associated with quit claiming an existing easement and the acquisition of an easement for continued access to an adjacent facility. Discussion occurred concerning project costs and timeline for completion.

**RECOMMENDED ACTION**

The Committee recommended that the Board of Directors award a construction contract to GCI Construction for the Orange County Rescue Mission Domestic Water Service Relocation in the amount of \$106,078, with a contingency of \$10,000, for a not to exceed amount of \$116,078 (Action Calendar).

**ITEM 2: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING AMENDMENT NO. 2 TO THE T-MOBILE CELLULAR SITE LEASE**

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This item was pulled from the agenda.

**RECOMMENDED ACTION:**

Committee to receive information at the time of the Committee Meeting and recommend the Board of Directors approve the T-Mobile West LLC Amendment No. 2 to the Site Lease Agreement (Action Calendar).

**ITEM 3: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING SADDLEBACK MEADOWS DEVELOPMENT (181 DU'S)**

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Ms. Lausten provided a brief overview of this development, and she highlighted the collaborative efforts with the developer to date. Ms. Lausten reviewed the Sub-Area Master Plan (SAMP) prepared by Psomas Engineering, and she reviewed certain domestic water system improvements to accommodate the development and proposed cost sharing for capacity improvements at the District's Harris Grade Reservoir site. Ms. Lausten mentioned that the Developer has had an opportunity to review the proposed SAMP. Discussion occurred concerning the proposed cost sharing methodology for the Harris Grade improvements.

**RECOMMENDED ACTION:**

The Committee recommended the Board of Directors receive and approve the Sub Area Master Plan (SAMP) for the Saddleback Meadows Development (Action Calendar).

**ITEM 4: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING THE 2021 SYSTEMWIDE MASTERPLAN AND CONDITION ASSESSMENT ENGINEERING MATTERS**

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Mr. Paludi introduced this matter for Committee consideration, and he introduced Mr. Yokoyama and Mr. Pour to the Committee. Mr. Yokoyama delivered a PowerPoint presentation of the Master Plan/Condition Assessment project efforts to date and a high-level project timeline. Mr. Pour highlighted the planned facility/asset scoring methodology and reporting process. Discussion occurred concerning the integration of condition assessment results with the District's Computerized Maintenance Management System (CMMS) and the tangible benefits of this project.

**RECOMMENDED ACTION:**

The Committee received the information. No action was taken.

**ITEM 5: DISCUSSION AND APPROVAL OF PRESSURE VESSEL INSPECTION & RERATING FOR EMERGENCY USE**

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Mr. Paludi introduced this matter for Committee consideration. Ms. Lausten highlighted the recent failure of the surge tank at El Toro Sewer Lift Station and tank repairs at Golf Club Sewer Lift Station with the Committee. Ms. Lausten reported that District staff would like to repurpose the surge tank removed from Bell Canyon Sewer Lift Station as a mobile emergency surge tank unit. Ms. Lausten reported that she has procured two proposals for the inspection and re-rating of the surge tank, but that she has concerns related to the disparity with certain costs.

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Ms. Lausten requested the additional time to review the proposals and contact the vendors prior to the Regular Board Meeting, and agendaize this matter for Board consideration.

**RECOMMENDED ACTION:**

The Committee recommended forwarding this matter to the Board of Directors for review and consideration (Action Calendar).

**ITEM 6: OTHER ENGINEERING AND OPERATIONS PROJECTS**

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***1. Golf Club SLS Improvements***

Mr. Perea provided highlights on the individual contractors who worked on this project, and the time that was spent to successfully install the facility bypass at this station. Mr. Perea extended his appreciation to District staff and the contractors for their hard work.

***2. Saddle Crest Development***

Ms. Lausten provided a brief update on this development, and she provided a high-level review of the onsite pump station startup plan. Ms. Lausten reported that District staff were meeting later that day to review the engineering plan that had been submitted by the developer.

***3. Other Projects***

Ms. Lausten briefly highlighted the Dimension Water Treatment Plant (DWTP) Office Trailer project that was approved for Fiscal Year 2021/2022, and she reported that project plans will be presented to the Board next month.

**RECOMMENDED ACTION**

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

**ITEM 7: WATER SYSTEM UPDATES**

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Mr. Kessler reviewed the projects and repairs for December 2021, and he reported that Water Operations staff has completed the following tasks:

1. Completed Dead End Flushing Program.
2. Painted all exposed piping at the Wells Facility and exterior of the Falcon Pump Station, located in the Canyon Community.
3. Worked with Tesco Controls and Cox Communications to correct the ongoing telemetry issues.
4. Conducted the quarterly Disinfection By-products sampling throughout the distribution system.

Mr. Kessler reviewed the Monthly Water System Operations Summary with the Committee, and he reported on the line break on Columbine and Sycamore Canyon in the Dove Canyon Community. Discussion occurred concerning groundwater accessibility later this year; Mr. Paludi indicated that the wells will likely be back online the following year, unless there are more significant rain events this winter.

**RECOMMENDED ACTION**

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

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**ITEM 8: WASTEWATER SYSTEM UPDATES**

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Mr. Ulloa reviewed the projects and repairs for December 2021, and he reported that Wastewater Operations staff had completed the following tasks:

1. Worked with Hydrotech Electric on identifying and repairing the phone lines for SCADA at the Robinson Ranch Wastewater Treatment Plant (WWTP).
2. Worked with the Maintenance Department and Ferreira Construction Golf Club Lift Station Rehabilitation which included repairs of the onsite surge tank, sewer force main, and station bypass structure installation.
3. Performed weed abatement on the emergency spillway at the WWTP reclaimed water reservoir
4. Repaired and re-routed the reclaimed water service connection and meter to the WWTP.
5. Performed deep cleaning of the WWTP Belt Filter Press valves and solenoids.

Mr. Ulloa provided a review of the Monthly Non-Domestic Water (NDW) System Summary report for December 2021, and he reported that reservoir levels increased due to the rain. Mr. Perea mentioned that due to decreased demand and significant rainfall and runoff that the District's non-domestic water supplies have been replenished.

**RECOMMENDED ACTION**

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

**ITEM 9: MAINTENANCE DEPARTMENT UPDATES**

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Mr. Stroud reviewed the projects and repairs for October 2021, and he provided the additional highlights:

1. Continued to work with TESCO Controls on the SCADA upgrades.
2. Began the buildup on the new 2022 F250 service body.
3. Worked with Ferreira Construction at the Golf Club Lift Station to install a force main bypass piping.
4. Inspected the emergency generator at Ridgeline Booster Pump Station and Topanga Booster Pump Station to write up a testing scope of work.

Discussion occurred concerning backup power generation and related Air Quality Management District (AQMD) legislation.

**RECOMMENDED ACTION**

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

**ITEM 10: OTHER MATTERS/REPORTS**

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Mr. Paludi recognized Mr. Oscar Ulloa on successfully passing his State Water Board Wastewater Treatment Operator Grade V Certification examination.

**RECOMMENDED ACTION**

There was no action taken.

**ADJOURNMENT**

Director Dopudja adjourned the January 5, 2022 Engineering/Operational Committee Meeting at 8:20 AM.