



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | APRIL 6, 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  
Karen Warner, Principal Accountant  
Gary Kessler, Water Superintendent  
Jason Stroud, Maintenance Superintendent  
Oscar Ulloa, Wastewater Chief Plant Operator  
Lisa Marie Sangi, Executive Assistant

### **CONSULTANTS PRESENT**

None

### **PUBLIC PRESENT**

None

### **CALL MEETING TO ORDER**

Director Dopudja called the April 6, 2022 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**

Director Safranski reported on his attendance at the South Orange County Agencies Group meeting, and he mentioned that the group briefly discussed the re-organization of the San Juan Basin Authority. Director Safranski thanked District staff for the facility tour.

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

No comments were received.

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

Mr. Paludi presented the Engineering/Operational Committee Meeting Recap for Committee review in accordance with the agenda.

### **RECOMMENDED ACTION**

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

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**ITEM 2: DISCUSSION CONCERNING GOLF CLUB SEWER LIFT STATION REPAIRS & IMPROVEMENTS**

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Mr. Paludi introduced this matter for Committee consideration, and he mentioned that District staff has been working with contractors to perform multiple improvements at this facility. Ms. Lausten provided an overview of the improvements over the last year, and she reported that the first stage pumps require replacement. Discussion occurred concerning the failure of both first stage pumps. Mr. Stroud provided a review of the failure issues of the pumps. Ms. Lausten presented a proposal from Evans Hydro for the purchase of two Wilo pumps, and she recommended the approval and Board ratification

**RECOMMENDED ACTION:**

The Committee approved and recommended the Board of Directors ratify the purchase of two (2) replacement pumps from Evans-Hydro, Inc. in the amount of \$55,912, plus tax and freight, for the Golf Club Sewer Lift Station (Action Calendar).

**ITEM 3: SOCWA JPA DISCUSSIONS UPDATE**

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Mr. Paludi presented this matter for Committee consideration, and he provided a brief overview of the ongoing discussion concerning the Joint Powers Agreement (JPA) review. Discussion occurred certain member agency issues, including Irvine Ranch Water District (IRWD) proposal to leave the JPA and Santa Margarita Water District's (SMWD) annexation of the City of San Juan Capistrano sewer system. Mr. Paludi reported that SOCWA general counsel will provide an opinion on the process for exiting the JPA at the next Regular Board Meeting. A brief discussion occurred on administrative costs and impacts to the District.

**RECOMMENDED ACTION:**

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

**ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECTS,**

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***1. 2021 System Wide Master Plan and Condition Assessment Project***

Mr. Paludi introduced this matter to the Committee. Ms. Lausten highlighted the site visits and added the Wastewater Treatment Plant, and she provided an overview of the sewer system flow monitoring portion of the project. Discussion occurred concerning project completion timeline and project goals.

***2. OC Rescue Mission Domestic Service Relocation***

Ms. Lausten provided an update on this project, and she reported that District staff is working with GCI Construction for the onsite potholing.

***3. Other Projects***

Ms. Lausten provided a brief update on the SCADA Upgrade Project, and she reported that the District's remote site upgrades have been delayed due to procurement lead times. Discussion occurred concerning system security from external threats.

Mr. Paludi provided an update on the Saddle Crest Development, and he reported that the developer was currently building model homes at the lower zone.

Mr. Paludi reported that District staff will be meeting with the Saddleback Meadow developer to review the costs associate with the Harris Grade Reservoir improvements.

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**RECOMMENDED ACTION**

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

**ITEM 5: WATER SYSTEM UPDATES**

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Mr. Kessler reviewed the projects and repairs for a March 2022, and he reported that Water Operations staff has completed the following tasks:

1. Resumed Fire Hydrant Flushing Program and flushed 52 hydrants in Dove Canyon.
2. Installed all 4 discharge pumps at GWTF.
3. Worked with Hazen Engineering and conducted 19 fire flow tests, part of the distribution modeling.
4. The Dimension Water Treatment Plant (DWTP) is offline for approximately six (6) weeks, while the SAC Line is being repaired.
5. Worked with the Maintenance Department to reinstalled Booster Pump #1 at the Dimension Water Treatment Plant (DWTP).
6. Installed a new Rugid controller at the Robinson Ranch Pump Station.
7. Worked with the Maintenance Department to change out the level probes at the Canyon Creek Hydro Static Tank, located in the Canyon Community.

Mr. Kessler reviewed the Monthly Water System Operations Summary with the Committee. Mr. Kessler reported on a damaged air vac in the Dove Canyon community that occurred over the weekend, and subsequently repaired on Monday.

**RECOMMENDED ACTION**

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

**ITEM 6: WASTEWATER SYSTEM UPDATES**

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Mr. Perea formally introduced Mr. Ulloa as the District's new Wastewater Operations Superintendent, and he commended Mr. Ulloa for his commitment to the District and its customers. Mr. Ulloa reviewed the projects and repairs for March 2022, and he reported that Wastewater Operations staff had completed the following tasks:

1. Repaired a four-inch inlet reclaimed line that provides service to Ty Nursery.
2. Cleaned a v-ditch and exercised an emergency relief valve for the reclaimed reservoir at the Wastewater Treatment Plant
3. Worked with the Maintenance department to coordinate and complete the by-pass of the Golf Club Lift Station, located in the Dove Canyon Community.
4. Repaired a twelve-inch raw influent line to the SBR tanks at the Wastewater Treatment Facility.

Mr. Ulloa provided a review of the Monthly Non-Domestic Water (NDW) System Summary report for March 2022, and he provided a brief update on Dove Lake.

The Committee congratulated Mr. Ulloa on his promotion.

**RECOMMENDED ACTION**

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

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**ITEM 7: MAINTENANCE DEPARTMENT UPDATES**

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Mr. Stroud reviewed the projects and repairs for March 2022, and he reported that Maintenance staff completed the following tasks:

1. Worked with Evans Hydro to begin installation on the rebuilt 1 CFS booster pump at the Dimension Water Treatment Plant.
2. Performed oil changes on heavy duty electrical motors.
3. Assisted the Sanitation department to completely bypass the Golf Club Lift Station and prepped the wet well for a rental submersible pump.
4. Worked with Hydrotech Electric to begin removal and re-install of new the MCC panel located at the Golf Club Lift Station.

**RECOMMENDED ACTION**

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

**ITEM 8: OTHER MATTERS/REPORTS**

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Mr. Paludi reported that District staff intend to agendize the Hazen and Sawyer Condition Assessment Report of the District's Wells Facility for Committee review at the next regular Engineering/Operational Committee meeting.

**RECOMMENDED ACTION**

There was no action taken.

**ADJOURNMENT**

Director Dopudja adjourned the April 6, 2022 Engineering/Operational Committee Meeting at 7:54 AM.