



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | AUGUST 3, 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  
Lisa Marie Sangi, Executive Assistant  
Gary Kessler, Water Superintendent  
Jason Stroud, Maintenance Superintendent  
Oscar Ulloa, Wastewater Superintendent

### **PUBLIC PRESENT**

None

### **COSULTANTS PRESENT**

Tori Yokoyama, Hazen and Sawyer  
Sean Pour, Hazen and Sawyer  
Joey Gutierrez, JIG Consultants

### **CALL MEETING TO ORDER**

Director Dopudja called the August 3, 2022 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**

No comments were received.

### **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**

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

**ITEM 2: DISCUSSION CONCERNING THE DISTRICT'S 2021 SYSTEMWIDE MASTER PLAN AND CONDITION ASSESSMENT**

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Mr. Paludi introduced the Mr. Yokoyama and Mr. Pour with Hazen and Sawyer (Hazen) to the Committee, and he commended District staff and Hazen for their hard work on this project. Ms. Lausten provided a brief update on the preparation of the master plan update and condition assessment of the District's facilities, and she reviewed the completed items to date with a timeline for completion. Mr. Yokoyama and Mr. Pour delivered a PowerPoint presentation which reviewed District assets and provided a brief overall condition assessment hierarchy and highlighted the Power BI Dashboard software solution. Discussion occurred concerning integration with the District's CMMS system and the overall facility remaining useful life graph. Director Dopudja expressed his appreciation for staff's efforts on this matter, and he thanked the Hazen team for the presentation.

**RECOMMENDED ACTION:**

There was no action taken.

**ITEM 3: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING DIMENSION WATER TREATMENT PLANT (DWTP) TRAILER REPLACEMENT PROJECT**

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Mr. Paludi introduced this information item for Committee consideration. Ms. Lausten introduced Mr. Gutierrez to the Committee, and she provided a brief update on this project. Mr. Gutierrez provided a brief highlight of the proposed construction plans which incorporated the Committee's comments on the proposed facility from prior meetings. Discussion occurred concerning on the total project costs for the facility and the benefit of mobile versus permanent structures.

**RECOMMENDED ACTION:**

There was no action taken.

**ITEM 4: TOPANGA BOOSTER PUMP STATION AUTOMATIC TRANSFER SWITCH (ATS) REPLACEMENT PROJECT**

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Mr. Paludi introduced this matter for Committee consideration, and he highlighted the importance of this matter in relation to the facility's proximity to the wildfire interface. Mr. Perea provided a brief overview of the facility services to the associated community, and he presented the requested proposals for replacement of the automatic transfer switch (ATS) and other related electrical upgrades. Discussion occurred concerning certain confusion related the proposals as presented in conjunction with the proposed recommended action. Mr. Perea withdrew the recommended action as amended, and he recommended amending this matter for future discussion and consideration.

**RECOMMENDED ACTION:**

No action was taken.

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

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***1. South Orange County IRWM Grant Project***

Mr. Paludi reported that the South Orange County Integrated Regional Watershed Management (IRWM) Area grant application was submitted for the expansion of the District's Tick Creek Recycled Water Pump Station. Mr. Paludi briefly reviewed the review and approval process which includes member agency review and interviews of applicants. Mr. Paludi added that an update on this matter will be provided at a future meeting.

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**2. Other Projects**

Mr. Perea provided a brief update on the SCADA upgrade project, and he reported that District staff is working with TESCO Controls to remediate an issue with the end of month reporting function. Mr. Perea mentioned that the reporting feature did not initially provide the required data points, but that District staff are working to collect the necessary information to provide to the Department of Public Health (DPH) per regulatory requirements.

Mr. Paludi provided a brief update on the Saddle Crest Development, and he reported on new home construction in the lower portion of the development and that the testing of the onsite reservoir and pump station is pending until certain known operational issues have been addressed by the developer.

**RECOMMENDED ACTION**

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

**ITEM 6: WATER SYSTEM UPDATES**

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

1. Flushed 68 hydrants in the Dove Canyon Community.
2. Restored SCADA control to the Trabuco Oaks Pressure Regulator Valve (PRV).
3. Worked with Delco Sales to service 15 flow control valves at the Dimension Water Treatment Plant.
4. Replaced a fire hydrant on Weeping Willow in the Walden Homes Community.
5. Continued to work with Cartegraph on the new CMMS system.
6. Worked with Maintenance Department to clean up landscape for Orange County Fire Authority (OCFA) approval.
7. Dimension Water Treatment Plant (DWTP) was back online 7/5/2022 and Water Operations staff continues to work with Tesco Controls to improve the SCADA system at this facility.

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

**RECOMMENDED ACTION**

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

**ITEM 7: WASTEWATER SYSTEM UPDATES**

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

1. Removed 200 feet of a 6-inch HDPE pipe from the Shadow Rock Detention Basin for future projects.
2. Repaired a leak on a filter located at the Dove Recycle Booster Station.
3. Rehab of sewer manhole and gravity lines to eliminate trouble spot in Dove Canyon Community.
4. Worked on preparing Cartegraph templates for the CMMS program.
5. Removed all bypass equipment from the Golf Club Sewer Lift Station.

Mr. Ulloa reviewed the Monthly Non-Domestic Water System Summary report for July 2022.

**RECOMMENDED ACTION**

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

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**ITEM 8: MAINTENANCE DEPARTMENT UPDATES**

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

1. Scheduled Evans Hydro for onsite startup of the 1CFS booster pump located at the Dimension Water Treatment Plant.
2. Picked up a spare submersible pump for the Golf Club Lift Station.
3. Picked up materials and toured the P&F shop located in San Bernadino, which is a distributor of High-Density Polyethylene.
4. Assisted with the Dove Lake pump-barge build.
5. Repaired the hydraulic system leak on the Vactor truck.
6. Sent hydraulic ram out for emergency repair for the Belt Press at the Wastewater Treatment Plant.
7. Assisted the Wastewater Operations with the manhole rehab on Golf View, located in the Dove Canyon Community.
8. Assisted Wastewater Operations with the Golf Club Lift Station bypass rental equipment clean up and return.
9. Attended the Cartegraph CMMS meetings.
10. Repaired a hydraulic leak on the CAT backhoe.

**RECOMMENDED ACTION**

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

**ITEM 9: OTHER MATTERS/REPORTS**

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There were no other matters presented for consideration.

**RECOMMENDED ACTION**

There was no action taken.

**ADJOURNMENT**

Director Dopudja adjourned the August 3, 2022 Engineering/Operational Committee Meeting at 8:45AM.