



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | SEPTEMBER 7, 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  
Lisa Marie Sangi, Executive Assistant  
Gary Kessler, Water Superintendent  
Oscar Ulloa, Wastewater Superintendent  
Jason Stroud, Maintenance Superintendent

### **PUBLIC PRESENT**

None

### **CALL MEETING TO ORDER**

Director Dopudja called the September 7, 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 commented on the recent electrical grid emergencies due to the higher-than-normal temperatures.

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

Mr. Paludi reported that the District has been notified by Southern California Edison (SCE) of a potential Public Safety Power Shutoff (PSPS) later in the week.

Mr. Paludi reminded the Committee that the City of Rancho Santa Margarita-State of the City Address is scheduled for Friday, September 9, 2022.

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

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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).

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**ITEM 2: DISCUSSION CONCERNING TRABUCO CANYON WATER DISTRICT'S RECYCLED WATER PERMIT**

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Mr. Paludi presented this matter for Committee consideration, and he reported that District staff has worked with DDB Engineering to update the technical memorandum prepared in 2017. Mr. Paludi provided an overview of the updated technical memorandum to the Committee, and he highlighted the assumed first year costs and potential recurring annual costs for the District to meet the regulatory requirements. Discussion occurred concerning certain financial and legal obligations associated with continued participation in SOCWA.

**RECOMMENDED ACTION:**

The Committee recommended forwarding this matter be forwarded to the Board of Directors for discussion (Action Calendar).

**ITEM 3: OTHER ENGINEERING AND OPERATIONS PROJECTS**

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***1. Dove Lake Outlet Works Project Update***

Ms. Lausten presented this matter for the Committee, and she provided an overview of the repair project. Ms. Lausten reviewed photos of the Dove Lake air vent repair, and she highlighted the necessary repairs for the facility. Discussion occurred concerning routine maintenance of the facility; Mr. Ulloa reported that the valve box and step is normally exercised once a year when inspected by the Division of Safety of Dams (DSOD), but he added that the original materials used for the guide stem and stanchions were not constructed with materials compatible with underwater use which has resulted in corrosion.

Mr. Perea commended Mr. Garret Rias, Wastewater Operator I, on identifying the leak during facility rounds.

Mr. Paludi commended District staff on the timely response to the critical repair.

***2. Quarterly Capital Improvement Program Verbal Update***

Ms. Lausten provided an update of the Capital Improvement Program (CIP) Budget and an overview of the current project status.

***3. Master Plan and Condition Assessment Update***

Ms. Lausten provided a brief update on this project, and she reported that Hazen and Sawyer will provide a presentation on the final report findings at a Board workshop in early November.

***4. Other Projects***

Ms. Lausten provided a status update on Saddle Crest development, and she mentioned that model homes have connected to the District's water system on the lower pressure zone. Ms. Lausten reported that the District's Construction Manager (CM) has completed an inspection of the pump station and has determined certain repairs that will need to be made by the developer.

Mr. Paludi provided a brief update on the OC Rescue Mission development project related to certain system improvements and ongoing discussions with General Counsel.

**RECOMMENDED ACTION**

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

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**ITEM 4: 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. Repaired an eight-inch water main break on Golf View Drive in the Dove Canyon Community.
2. Replaced two hydrants on Springside and Lakeridge in the Dove Canyon Community.
3. Assisted the Meter Department with the replacement of two curb stops on Via Del Viento in the Rancho Cielo Community and Wood Canyon Road in Santiago Estates Community.
4. Flushed seventy-two hydrants in the Dove Canyon and Rancho Cielo Communities.

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 5: 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. Cleaned the Wet Wells at Golf Club, Barneburg, Plano, Bell Canyon, and Heritage Sewer Lift Stations.
2. Installed and calibrated a new flow meter at the Tick Creek Dry Season Recovery station.
3. Repaired a leak on the Heritage Lift station force main.
4. Installed an emergency call out system at the Bell Canyon Lift Station.
5. Inspected a manhole repair in the Saddlecrest Development.
6. Assisted Myers Marine Division dive crew at Dove Lake for temporary repairs on the air vent line.
7. Completed line cleaning of all the collections system within one year.

Mr. Ulloa reviewed the Monthly Non-Domestic Water System Summary with the Committee. Mr. Ulloa provided a brief report on the repairs performed at Dove Lake, and he reported that the District's dry season recovery system captured approximately half of the water lost due to the damage air vent.

Mr. Perea reported that the District received a noise complaint from a Dove Canyon resident via the City of RSM code enforcement concerning the rental pump at Dove Lake. Mr. Perea added that District staff remediated the issue with the equipment, and he followed up directly with the customer to their satisfaction.

**RECOMMENDED ACTION**

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

**ITEM 6: 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. Duthie Power conducted preventative maintenance on the emergency generator at the Plano and Heritage Sewer Lift Stations.
2. Final clean up at Golf Club Lift Station.
3. Replaced an old deep sink in the Maintenance shop for a new deep sink/eye wash setup.
4. Attended the AWWA Water Education Seminar at Santiago Canyon College.

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5. Shut down Dove Recycle Booster Pump Station for maintenance on the flow meter.
6. Assisted Wastewater Department with the Dove Lake vent line assessment.
7. Assisted Wastewater Development with the Saddle Crest Development sewer system inspection.

**RECOMMENDED ACTION**

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

**ITEM 7: OTHER MATTERS/REPORTS**

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Director Dopudja commended District Operations staff for the repair work completed at Dove Lake.

**RECOMMENDED ACTION**

There was no action taken.

**ADJOURNMENT**

Director Dopudja adjourned the September 7, 2022 Engineering/Operational Committee Meeting at 8:07a.m.