



## **TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | FEBRUARY 1, 2023**

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### **DIRECTORS PRESENT**

Mike Safranski, Committee Chair  
Stephen Dopudja, 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  
Oscar Ulloa, Wastewater Superintendent  
Jason Stroud, Maintenance Superintendent  
Lisa Sangi, Executive Assistant

### **PUBLIC PRESENT**

None

### **CALL MEETING TO ORDER**

Director Safranski called the February 1, 2023 Engineering/Operational Committee Meeting to order at 7:04 a.m.

### **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**

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

**MOTION:** Approve the Engineering/Operational Committee Meeting Recap and recommended that the Board receive and file the same (Consent Calendar) – Director Safranski  
**SECOND:** Director Dopudja  
**AYES:** Directors Dopudja & Safranski  
**NOES:** None  
**ABSTAIN:** None  
**MOTION PASSED/FAILED:** Passed 2 - 0

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**ITEM 2: SCADA UPGRADE PROJECT ADDENDUM NO. 2 WITH TESCO CONTROLS**

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Mr. Paludi presented this matter for Committee consideration, and he mentioned this matter was discussed the prior month. Mr. Paludi reported that the original project scope of work excluded the Human Machine Interface (HMI) screens based on internal staff discussions in FY2018/19 due to budgetary constraints and belief that mobile devices would provide the necessary facility control. Discussion occurred concerning why staff has changed their minds concerning facility control via local control HMI screens as opposed to mobile devices; Operations staff shared their concerns related to the potential failures of electrical and internet systems which can impact operational control. Director Safranski requested that District staff evaluate additional alternatives to local HMI screens, including Bluetooth connectivity. Director Dopudja expressed concerns with staff internal communications related to this matter, and he requested that staff convey their needs to receive the support they need to provide services to customers. The Committee forwarded this matter to the Board of Directors for discussion without recommendation.

**MOTION:** None – The Committee forwarded this matter to the Board of Directors for discussion without recommendation (Action Calendar).

**ITEM 3: GOLF CLUB SEWER LIFT STATION REPAIRS & IMPROVEMENTS**

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Mr. Paludi introduced this matter for Committee review, and he reported that the project is currently in the bid phase. Ms. Lausten provided a brief overview of the project, and she provided a handout of the DRAFT construction plans for discussion. Ms. Lausten mentioned that the engineer's estimate for this project was significantly higher than originally budgeted. Discussion occurred concerning including certain specific financial information, including engineer estimate, financial assumptions, and justifications, in future staff reports.

**MOTION:** None – Informational item only.

**ITEM 4: QUARTERLY CAPITAL IMPROVEMENT PROGRAM (CIP) UPDATE**

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Mr. Paludi presented this matter for Committee review. Ms. Lausten presented a handout to the Committee which provided project status updates on each CIP project and respective budgets. Discussion occurred concerning CIP table layout and color coding.

**MOTION:** None – Informational item only.

**ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES**

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1. **Rose and Lang Wells Cleaning and Pump Installation** – Mr. Paludi mentioned that the drilling company was unable to assist the District due to schedule conflicts, and District staff were currently working to secure a contractor to install the pumps at this facility. Mr. Kessler commented that staff is prepared to start up this facility in mid-February provided the pumps and all testing is completed.
2. **Dove and Trabuco Dams Emergency Action Plan Approvals** – Ms. Lausten provided an update on this matter and mentioned that CAL OES has approved the District's Emergency Action Plan.
3. **Dove Dam Vent Pipe Repair** – Ms. Lausten provided a brief update and mentioned that the repair is complete. Mr. Ulloa provided a sample of the pipe wrap and bracket used for the repair.
4. **Dimension Water Treatment Plant Office Improvements** – Ms. Lausten provided a brief project update on the revised plans and project timeline.
5. **Dove Lake and Trabuco Reservoir Bathymetric Survey** – Ms. Lausten presented this matter for Committee review, and she provided brief highlights on the volumetric assessment of Dove Lake.
6. **Slope Failure Below Dove Reservoir** – Mr. Paludi commented on the current condition of the v-ditch failure and erosion condition.

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7. **Other Projects** – Ms. Lausten provided a brief update on the Saddle Crest development, and she mentioned that a new homeowner in the lower section has signed up for service with the District. Discussion occurred concerning the ongoing coordination with the developers to warranty the onsite facilities.

**MOTION:** None – Informational item only.

**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. Repaired a 1" potable water service on Wood Spring Lane in the Portola Hills community.
2. Repaired a 10" water transmission main on the access road to T-Y Nursery.
3. Worked with TESCO Controls and Hydrotech Electric on SCADA system improvements at Topanga Booster Pump Station, District Field Office, and Cooks Reservoir.
4. Flushed sixty-three fire hydrants in upper portion of the Robinson Ranch community.
5. Worked with Delco Services to inspect, service, and repair 9 pressure reducing valves (PRVs).

Mr. Kessler mentioned that there was not an updated Monthly Water System Operations Summary as it was the first of the month.

**MOTION:** None – Informational item only.

**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. Installed a new turbidimeter and a chlorine level monitoring meter at the final effluent point of at the Robinson Ranch Wastewater Treatment Plant (WWTP).
2. Assisted Myers Marine on repairs to the Dove Dam vent pipe.
3. Assisted Ferreira Construction on the installation of the Heritage Sewer Lift Station bypass structure.
4. Cleaned the sanitary sewer line on Santiago Canyon Road which included the assistance of a third-party traffic control contractor.

Mr. Ulloa mentioned that there was not an updated Monthly Water System Operations Summary as it was the first of the month. Mr. Ulloa reported on The Oaks community pumping frequency due to the recent rain events; discussion occurred concerning the potential impacts of inflow and infiltration at the facility. Mr. Ulloa presented the Third Quarter 2022 SSMP Quarterly Report.

**MOTION:** None – Informational item only.

**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:

**Water Operations**

1. Worked with TESCO Controls and Hydrotech Electric on SCADA system improvements at Topanga Booster Pump Station.
2. Assisted Water Operations on the repair of a 10" water transmission main on the access road to T-Y Nursery.

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3. Assisted Water Operations, TESCO Controls, Caterpillar, and Hydrotech Electric to troubleshoot backup generator issues during the high wind weather events.

**Wastewater Operations**

1. Assisted Wastewater Operations and Myers Marine on repairs to the Dove Dam vent pipe.
2. Assisted Wastewater Operations in monitoring sewer lift stations during significant rain events to prevent SSOs.
3. Assisted Wastewater Operations and Ferreira Construction on the installation of the Heritage Sewer Lift Station bypass structure.
4. Removed downed trees on the access road to the Robinson Ranch Wastewater Treatment Plant.

**MOTION:** None – Informational item only.

**ITEM 9: OTHER MATTERS/REPORTS**

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There were no other matters presented.

**MOTION:** None – Informational item only.

**ADJOURNMENT**

Director Safranski adjourned the February 1, 2023 Engineering/Operational Committee Meeting at 8:09 a.m.