



## TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JANUARY 4, 2023

---

### **DIRECTORS PRESENT**

Stephen Dopudja, Committee Chair  
Mike Safranski, Committee Member

### **STAFF PRESENT**

Fernando Paludi, General Manager  
Lisa Sangi, Assistant Board Secretary  
Gary Kessler, Water Superintendent  
Oscar Ulloa, Wastewater Superintendent  
Tony Quinonez, Lead Mechanical Technician

### **PUBLIC PRESENT**

None

### **CALL MEETING TO ORDER**

Director Dopudja called the January 4, 2023 Engineering/Operational Committee Meeting to order at 7:00 a.m.

### **VISITOR PARTICIPATION**

No comments were received.

### **ORAL COMMUNICATION**

No comments were received.

### **COMMITTEE MEMBER COMMENTS**

The Committee wished all in attendance a Happy New Year.

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

Mr. Paludi wished all in attendance a Happy New Year

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

---

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 Dopudja

**SECOND:** Director Safranski

**AYES:** Directors Dopudja & Safranski

**NOES:** None

**ABSTAIN:** None

**MOTION PASSED/FAILED:** Passed 2 - 0

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JANUARY 4, 2023**

**ITEM 2: PARTH DEVELOPMENT EASEMENT**

---

Mr. Paludi introduced this matter for Committee consideration, and he provided a brief overview of the proposed easement, including the onsite water lines and access issues. Mr. Paludi reported that District General Counsel has reviewed this matter concerning the Parth Trust as an entity having legal authority.

**MOTION:** Recommend that the Board of Directors receive the Grant of Easement to the Trabuco Canyon Water District by The Frank R. Parth, Trustee of the Frank R. Parth Trust dated August 31, 2015, for Water Pipelines, and authorize the District Secretary to execute said Grant of Easement (Action Calendar) - Director Dopudja

**SECOND:** Director Safranski

**AYES:** Directors Dopudja & Safranski

**NOES:** None

**ABSTAIN:** None

**MOTION PASSED/FAILED:** Passed 2 - 0

**ITEM 3: SCADA UPGRADE PROJECT ADDENDUM NO. 2 WITH TESCO CONTROLS**

---

Mr. Paludi presented this matter for Committee consideration, and he provided a brief review of the completed SCADA upgrades to date. Mr. Paludi presented a proposed contract addendum for Committee consideration, and he reported that the original project scope of work excluded the Human Machine Integration (HMI) screens due to budgetary constraints. Mr. Paludi indicated that TESCO Controls has honored the initial pricing without any inflationary increase. Discussion occurred concerning the importance and benefits of using HMI screens to operate facilities as opposed to relying solely on mobile devices. The Committee expressed concerns with staff presenting the proposed contract addendum at this point of the project in contrast to an earlier decision to exclude HMI screens. The Committee recommended not forwarding this matter as recommended and deferring the matter to the next E/O Committee to discuss again when all staff are present.

**MOTION:** None - No action was taken.

**ITEM 4: GOLF CLUB SEWER LIFT STATION REPAIRS & IMPROVEMENTS**

---

Mr. Paludi provided a brief update on this matter, and he reported that the final construction plans and specifications are going out to bid in the coming weeks. Mr. Paludi provided an overview of the adopted budget, and he indicated the preliminary engineer's estimates exceed the budget due to significant inflationary impacts for construction projects.

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

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

---

Mr. Paludi provided an updated for the following matter(s):

1. Rancho Cielo HOA Recycled Water Retrofit Evaluation – Mr. Paludi provided a brief review of District staff efforts to date, and he highlighted the Metropolitan Water District of Southern California (MET) rebates for recycled water conversion projects. Discussion occurred concerning cost responsibilities and cost sharing policies/procedures.
2. El Toro SLS Surge Tank Installation Project - Mr. Paludi reported that SS Mechanical is scheduled to begin work on the installation of the onsite surge tank.
3. Saddleback Meadows Development Status – Mr. Paludi reported that District staff is working with the developer to process developer impact fees and coordinate onsite reservoir storage.

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JANUARY 4, 2023**

4. Other Projects – Mr. Paludi provided a brief update on The Oaks at Trabuco development and new construction. Discussion occurred concerning the onsite wastewater package plant and certain equipment upgrade responsibilities per the agreement between the District and the developer.

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

**ITEM 6: WATER SYSTEM UPDATES**

---

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

1. Worked with Ferreira Construction to repair a failed domestic water service saddle on Falcon and Santiago.
2. Two Water Department Operators travelled to TESCO Controls headquarters in Temecula to field test the PLC's for Falcon Pump Station, Cooks Reservoir, Field Office and Topanga Booster Pump Station.
3. Worked with the Maintenance Department, Hydrotech Electric and Tesco Controls to install a new PLC at the Falcon Pump Station.
4. Worked with Tesco Controls on the radio changeover at Falcon Pump Station, Saddle Crest Development, Joplin and Dove Reservoir.
5. Serviced seven (7) Clavals with Delco Sales.
6. Flushed forty-two (42) hydrants in the Robinson Ranch Community.
7. Excavated to locate a Raw Water Line for the new office at Dimension Water Treatment Plant (DWTP) and relocate a sample site.

Mr. Kessler reviewed the Monthly Water System Operations Summary with the Committee. Discussion occurred concerning repairs at Canyon Creek Booster Pump Station.

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

**ITEM 7: WASTEWATER SYSTEM UPDATES**

---

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

1. Assisted Ferguson Waterworks with the shutdowns of two three-inch meters on Robinson Ranch Road.
2. Conducted a camera inspection of the gravity sewer hot spots throughout the District.
3. Cleaned the Barneburg Sewer Lift Station wet well.
4. Cleaned the check vales at the Golf Club Sewer Lift Station.
5. Ran new lines and installed a new sump pump for the EQ dry pit basin at the Wastewater Treatment Plant.

Mr. Ulloa reviewed the Monthly Non-Domestic Water System Summary with the Committee, and he reported on the increase of runoff/storm water collected at Dove Lake as indicated in the freeboard increasing from 16 feet to 9 feet. Mr. Ulloa added that the District is currently selling recycled water to Santa Margarita Water District (SMWD) in excess of demand. Discussion occurred concerning the condition of the Dove Dam vent pipe; Mr. Ulloa reported that District staff identified a new line break. Mr. Paludi mentioned that a Special Board may be scheduled to approve the proposed repair costs.

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

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JANUARY 4, 2023**

**ITEM 8: MAINTENANCE DEPARTMENT UPDATES**

---

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

1. Attended the WEROC quarterly meeting in person at the Fountain Valley location.
2. Attended TCWD Master Plan/CIP workshop.
3. Assisted TESCO Controls with upgrading the PLC's at the Falcon booster pump station and Dove Lake Recycled Water Pump Station.
4. Assisted Wastewater Operations and Myers Marine (divers) with the air vent repair at Dove Lake.
5. Worked with SS Mechanical starting up the surge tank at El Toro sewer lift station.
6. Picked up truck #12 from the collision repair center.

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

**ITEM 9: OTHER MATTERS/REPORTS**

---

There were no other matters presented.

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

**ADJOURNMENT**

Director Dopudja adjourned the January 4, 2023 Engineering/Operational Committee Meeting at 8:23 a.m.