



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | DECEMBER 7, 2022

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
Gary Kessler, Water Superintendent
Oscar Ulloa, Wastewater Superintendent
Jason Stroud, Maintenance Superintendent

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Dopudja called the December 7, 2022 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

No comments were received.

REPORT FROM THE ASSISTANT 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.

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 | DECEMBER 7, 2022**

ITEM 2: DOVE DAM AIR VENT PIPE REPAIR

Mr. Paludi introduced this matter for Committee consideration. Ms. Lausten provided an overview of the recent repairs to the six-inch PVC air vent pipe that is connected to the discharge drainpipe, and she reported that District staff has requested a proposal from Myers Marine Division LLC for a substantial repair of the vent pipe, including epoxy and fiberglass wrap and supports, for \$95,620 in order to prevent vent pipe failure and loss of Dove Lake water. Discussion occurred concerning the timeline for repair and ongoing challenges for the lake. The Committee expressed concerns with the proposed costs for a temporary repair of the vent pipe and recommended forwarding this matter to the Board of Directors for consideration.

- MOTION:** Forward this matter to the Board of Directors for consideration and approval (Action Calendar) – Director Dopudja
- SECOND:** Director Safranski
- AYES:** Directors Dopudja & Safranski
- NOES:** None
- ABSTAIN:** None
- MOTION PASSED/FAILED:** Passed 2 - 0

ITEM 3: PROPOSED CONTRACT CHANGE ORDER WITH FERGUSON WATERWORKS FOR AUTOMATIC METER READING/AUTOMATED METERING INFRASTRUCTURE (AMR/AMI) PROJECT

Mr. Paludi presented this matter for Committee consideration. Mr. Perea provided an update on this project, and he reported that the Ferguson installation team has installed new meters in approximately 85% of the District's service area. Mr. Perea indicated that during the initial review of the bid that he mistakenly read the two-inch meter description as Ferguson had listed all two-inch meters as positive displacement (PD) meters instead of turbine meters. Mr. Perea indicated that a majority of the District's two-inch meters are domestic irrigation meters (DIM) which require turbine meters to monitor higher flowrates. Discussion occurred concerning project impacts and timeline for completion. Mr. Perea indicated that the meters will be delivered later in the year.

- MOTION:** Recommended the Board of Directors approve Contract Change Order No. 1 with Ferguson Waterworks for the District's Automatic Meter Reading/Automatic Metering Infrastructure (AMR/AMI) Project for a not to exceed amount of \$19,076 (Action Calendar) – Director Dopudja
- SECOND:** Director Safranski
- AYES:** Directors Dopudja & Safranski
- NOES:** None
- ABSTAIN:** None
- MOTION PASSED/FAILED:** Passed 2 - 0

ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Other Projects

There were no other projects discussed.

- MOTION:** None – Informational item only.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | DECEMBER 7, 2022**

ITEM 5: 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 service saddle on Falcon and Santiago.
2. Two Water Department Operators travelled to Tesco Controls 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 change over 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.

MOTION: None – Informational item only.

ITEM 6: 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. Replaced old solenoids on the surge tank at Golf Club Lift Station in the Dove Canyon Community.
2. Ran a new blow off lines for the surge tank at the Golf Club Lift Station in the Dove Canyon Community.
3. Cleaned a V-Ditch at the Dove Canyon Pump Station.
4. Inspected grease interceptors at the local businesses for Fat, Oil and Grease (FOG).
5. Completed the Cla-Val Maintenance on the recycled distribution system.
6. Assisted divers at the Dove Lake air vent repair.
7. Cleaned the O'Neil wet well.
8. Removed the old lighting at Robinson Ranch Wastewater Treatment Plant (RRWWTP) and replaced it with LED's at key locations.

Mr. Ulloa reviewed the Monthly Non-Domestic Water System Summary with the Committee, and he reported that District staff will be providing a tour of the Robinson Ranch WWTP and Dove Recycled Water Pump Station to the DCMA Water Quality Ad Hoc Committee later that day at their request.

MOTION: None – Informational item only.

ITEM 7: MAINTENANCE DEPARTMENT UPDATES

Mr. Stroud 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.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | DECEMBER 7, 2022**

3. Assisted TESCO Controls with upgrading the PLC's at the Falcon booster pump station, and Dove Lake 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 center.

MOTION: None – Informational item only.

ITEM 8: OTHER MATTERS/REPORTS

There were no other matters presented.

MOTION: None

ADJOURNMENT

Director Dopudja adjourned the December 7, 2022 Engineering/Operational Committee Meeting at 7:40 a.m.