



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | OCTOBER 2, 2024

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
Gary Kessler, Water Superintendent
Oscar Ulloa, Wastewater Superintendent
Jason Stroud, Maintenance Superintendent
Roseann Lejsek, Executive Assistant

STAFF ABSENT

None

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Safranski called the October 2, 2024 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

None

REPORT FROM THE GENERAL MANAGER

Mr. Paludi reported that a portion of the District's Porter Property was burned in the Airport Fire, and he stated that the District will be submitting the reported damages to CalOES this week.

Mr. Paludi provided the Committee with a status update on the Montessori School's damage claim.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Paludi presented the Engineering/Operational Committee Meeting Recap for Committee review in accordance with the agenda. Discussion occurred regarding the format of the District's Committee Meeting Recaps. The Committee requested that this discussion be brought before the Executive Committee and Legal Counsel before approving the agendaized recap.

RECOMMENDATION: The Committee recommended forwarding this matter to the Executive Committee.

ITEM 2: GRANT RESOLUTION FOR LIVE OAK PIPELINE IMPROVEMENTS – DROUGHT RESILIENCY PROJECT

Mr. Paludi presented this matter for Committee consideration. Ms. Lausten reported that the District is applying for grant funding through the United States Bureau of Reclamation’s (USBR) WaterSMART Drought Response Program, and she stated that the USBR may award 50% up to \$3 million dollars of the total allowable project costs. Ms. Lausten stated that USBR requires the District to support the submission of the grant application through the adoption of a resolution by the Board of Directors.

RECOMMENDATION: Recommend the Board of Directors adopt Resolution No. 2024-XXXX – Authorizing the Submittal of an Application for the USBR “WaterSMART Drought Response Program: Drought Resiliency Projects for Fiscal Year 2025” Grant Program.

ITEM 3: MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE AND PUBLIC OUTREACH EFFORTS

Mr. Paludi presented this matter for Committee consideration. Mr. Perea reported that the District’s Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) requires periodic review and was previously updated in 2019. Mr. Perea stated that public outreach is required, and he noted that the District is employing various public outreach methods to obtain community members’ input to support the preparation of the plan. Mr. Perea provided the Committee with the timeline for review and completion of the plan. Mr. Perea expressed his appreciation for Ms. Lausten and David Rodriguez efforts in gathering information for this plan update. Ms. Lausten noted that the MJHMP is required in order to apply for federal grant funds.

RECOMMENDATION: None – Informational item only.

ITEM 4: SYSTEM WIDE ARC FLASH COORDINATION STUDY

Mr. Paludi presented this matter for Committee consideration. Ms. Lausten provided the Committee with an outline of the deliverables that the District received from the study, and she stated that Mr. Stroud has taken the lead in implementing the recommendations. Mr. Stroud stated that staff will work with Hydrotech Electric to prepare the schedule and budget. Discussion occurred regarding the prioritization of the most critical items and staff was directed to competitively bid the work.

RECOMMENDATION: None – Informational item only.

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES

1. Golf Club SLS Construction Report

Ms. Lausten provided an update on this matter, and she reported that there have been no changes to the project budget but that the completion date has been changed to November 13th due to procurement issues.

2. SCADA Project Update – Schedule for Completion

Mr. Paludi provided an update on this matter, and he reported that the project is on schedule with contractor WM Lyles. Mr. Perea added that the projected completion is scheduled for the end of this calendar year.

3. Extended Maintenance and System Service (EMASS) Annual Service Contract – Hydrotech Electric Proposal

Mr. Stroud provided an update on this matter, and he reported that the District had a multi-year contract with TESCO Controls for EMASS but that Hydrotech Electric took over when the District terminated its contracts with TESCO. Mr. Stroud added that staff will have Hydrotech Electric complete this year’s EMASS and that the District will competitively bid for a new service contract next year.

4. **Trabuco Creek Groundwater Treatment Facility – Potential Berm Reinforcement**

Mr. Perea provided an update on this matter, and he reported that he and Mr. Kessler met with the Orange County Fire Authority (OCFA) at the wells site to discuss berm reinforcement. Mr. Perea provided the Committee with an overview of the discussion, and he noted that OCFA was very receptive to working with the District on this matter.

5. **Other Projects**

Ms. Lausten provided an update on this matter, and she reported that multiple businesses are moving into Dove Center Plaza. Ms. Lausten stated that staff is looking into what types of services will be offered to ensure each type of business complies with the District's standards.

RECOMMENDATION: 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 had completed the following tasks:

1. Repaired 2" service to the Trabuco Presbyterian Church on Las Amigas.
2. Disassembled and cleaned clarifier on filter #4 at Dimension Water Treatment Plant.
3. Worked extensively with developer/contractors at the Saddle Crest Development.
4. Responded to emergency conditions of the Airport Fire.
5. Responded to and worked to get main break repaired on Sycamore Canyon in Dove Canyon.

Mr. Kessler presented the Water System Summary for Committee review. Discussion occurred regarding the water quality issues from the Baker Water Treatment Plant and the challenges with utilizing this asset to meet the District's potable water demands. Mr. Paludi reported that he is meeting with Irvine Ranch Water District's General Manager to discuss these issues.

RECOMMENDATION: 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 in the inspection of Myers Diving for WWTP Reservoir Dam Valve.
2. Coordinated and evacuated heavy equipment out of WWTP during fire event.
3. Replaced 20' section of 6" airline at the WWTP.
4. Replaced a pump at Tick Creek Dry Season Recovery Station.
5. Repaired air vac that was struck by a vehicle on Plano Lift Station Force Main.

Mr. Ulloa presented the Recycled Water System Summary for Committee review, and he reported that he did not have the most current numbers yet. Mr. Ulloa reported that the Reservoir was at 1258 feet and that Dove Lake had 10 feet of freeboard. Mr. Ulloa added that there is adequate supply in Dove Lake in anticipation of any potential heatwaves. Discussion occurred regarding the amount of water pulled from Dove Lake to assist in firefighting efforts of the Airport Fire. Discussion also occurred regarding potential risks to staff at the WWTP

during emergency events; Mr. Ulloa reported that Operations and Maintenance staff evacuated heavy equipment, vehicles, and staff in a safe and timely manner.

RECOMMENDATION: None – Informational item only.

ITEM 8: MAINTENANCE DEPARTMENT UPDATES

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

Projects and Repairs

Maintenance staff performed and/or completed the following tasks and projects:

Water Operations

1. Removed failed booster pump from Topanga Booster Pump Station and sent to Vaughan Industrial for tear down and repair.
2. Saddle Back Meadows site visit.
3. Picked up parts for Vactor to assist Water Department at DWTP filter #4 clean up.
4. Water line break in Dove Canyon on Sycamore and Inverary.

Wastewater Operations

1. Site visit with TCWD Engineering Department at WWTP and Dove Recycled Booster Station.
2. Pothole at WWTP for electrical survey.
3. Tick Creek dry season pump/motor failed. Swapped out motor (to be installed).
4. Sutorbilt motor failure WWTP blower room. Worked with Hydrotech to replace.

District Fleet Upgrades & Other Projects

1. Primus/Performance Pipeline lunch & learn at Admin.
2. Airport Fire Response.
3. Service trucks sent to Deaver Spring for rear leaf spring upgrades.
4. Quarterly BIT inspection.
5. Emergency diesel/gen repairs and PM's using Duthie Power.

RECOMMENDATION: None – Informational item only.

ITEM 9: OTHER MATTERS/REPORTS

There were no other matters reported.

RECOMMENDATION: None

ADJOURNMENT

Director Safranski adjourned the October 2, 2024 Engineering/Operational Committee Meeting at 7:57 a.m.