



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MARCH 2, 2022

DIRECTORS PRESENT

Stephen Dopudja, Committee Chair
Ed Mandich, Committee Member Alternate

STAFF PRESENT

Michael Perea, Assistant General Manager
Lorrie Lausten, District Engineer
Karen Warner, Principal Accountant
Gary Kessler, Water Superintendent
Jason Stroud, Maintenance Superintendent
Oscar Ulloa, Wastewater Chief Plant Operator
Lisa Marie Sangi, Executive Assistant

CONSULTANTS PRESENT

Joey Gutierrez, JIG Consultants

PUBLIC PRESENT

None

PUBLIC PRESENT VIA CONFERENCE CALL

None

CALL MEETING TO ORDER

Director Dopudja called the March 2, 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 Mandich reported on his attendance at the Community Associations of Rancho (CAR) meeting, and he inquired if the Board Room is available for group meeting use.

REPORT FROM THE ASSISTANT GENERAL MANAGER

Mr. Perea reported on the following matters:

- Mr. Paludi was out of the office.
- The District's Administration Facility had re-opened to the public on March 1, 2022, and that local third-party user will have access to the Board Room on April 4, 2022.

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ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

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

RECOMMENDED ACTION

Director Dopudja and Mr. Perea recommended that the Engineering/Operational Committee Meeting Recap(s) be forwarded to the Board of Directors for approval (Consent Calendar).

ITEM 2: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING DIMENSION WATER TREATMENT PLANT (DWTP) OFFICE AND STORAGE IMPROVEMENTS

Ms. Lausten presented this matter for Committee review, and she introduced Mr. Gutierrez to the Committee. Ms. Lausten provided a brief overview of the project, and she highlighted the current condition of the Dimension Water Treatment Plant (DWTP) office trailer with project photos. Ms. Lausten reviewed the proposed construction plans and engineer's cost estimate. Discussion occurred concerning the proposed plans, trailer layout, and previous onsite improvements. Mr. Gutierrez highlighted some of the minor site work will need to be done to accommodate the relocation of the new office trailer.

RECOMMENDED ACTION:

The Committee recommended forwarding this matter to the Board for consideration and review (Action Calendar).

ITEM 3: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING BELL CANYON SEWER LIFT STATION REHABILITATION PROJECT

Ms. Lausten presented this matter for Committee consideration, and she reported this was the final project status report for this facility. Ms. Lausten briefly reviewed some of the project close out items that have been completed, and she reviewed the final project costs with the Committee.

RECOMMENDED ACTION:

The Committee recommended forwarding this matter to the Board for consideration and review (Action Calendar).

ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECTS,

1. Golf Club Lift Station Motor Control Center Upgrade

Ms. Lausten provided a brief project update, and she reported that District staff will perform a factory witness test of the Motor Control Center (MCC) at TESCO Controls in Sacramento. Ms. Lausten reviewed the project timeline for MCC installation. Mr. Ulloa provided a brief overview of the station bypass plans and system redundancies.

2. Saddleback Meadows Development

Ms. Lausten reported that there was no update on this matter at this time.

3. Saddlecrest Development

Ms. Lausten reported that there was no update on this matter at this time.

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4. Other Projects

- Ms. Lausten reported that District staff is currently working with ATS Communications on a possible agreement with Dish Wireless for the installation of cellular communications equipment at an appropriate District facility.
- Ms. Lausten provided an update on the proposed repairs to the V.P. Baker pipeline which would impact TCWD supplies, and she provided a shutdown timeline schedule. Director Dopudja advised District staff of a potential conflict of interest issue, and he requested that staff update the Board on this matter in the event action is needed related to this project.
- Ms. Lausten provided a brief update on the 2022 Water Quality Reports (Consumer Confidence Reports – CCRs). Ms. Lausten reported that many agencies have transitioned from mailed hard copies to providing customers with an electronic version as there is no requirement for a copy to be mailed. The Committee requested additional information as to which agencies opt for electronic versions of CCRs and how this change would be communicated to District customers. Ms. Lausten responded that she would provide this information to the Committee.
- Mr. Perea reported on his and Ms. Lausten’s attendance at the Orange County Water District (OCWD) Emergency Groundwater Supply for South Orange County Agencies meeting, and he provided a brief review of the proposed terms discussed at the meeting. Discussion occurred concerning the District’s current emergency storage available and the importance of balancing system redundancy and cost effectiveness. Mr. Perea reported that OCWD will hold a follow-up meeting in a few months.

RECOMMENDED ACTION

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

ITEM 5: WATER SYSTEM UPDATES

Mr. Kessler reviewed the projects and repairs for a February 2022, and he reported that Water Operations staff has completed the following tasks:

1. Repaired a one-inch service line on Rose Canyon located in Trabuco Canyon.
2. Replaced a customer curb stop on Longridge Drive in the Trabuco Highlands Community.
3. Worked with Ferreira Construction to replace a 3-valve cluster on Longridge Drive and Lark Grove Circle in the Trabuco Highlands Community.
4. Worked with the Meter department to replace a three-inch meter to O’Neil Park.

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 6: WASTEWATER SYSTEM UPDATES

Mr. Ulloa reviewed the projects and repairs for February 2022, and he reported that Wastewater Operations staff had completed the following tasks:

1. Replaced the worn chlorine lines and valves for the recycled effluent disinfection located in the chloring building at the Robinson Ranch Wastewater Treatment Plant (WWTP).
2. Installed a reverse osmosis system to create distilled water for lab procedures at the WWTP.
3. Repaired a four-inch reclaim main line to the WWTP.
4. Worked with TESCO to upgrade and test the emergency call out system.

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Mr. Ulloa provided a review of the Monthly Non-Domestic Water (NDW) System Summary report for February 2022. He mentioned that the District's non-domestic water supplies are in good condition going into upcoming spring/summer months.

RECOMMENDED ACTION

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

ITEM 7: MAINTENANCE DEPARTMENT UPDATES

Mr. Stroud reviewed the projects and repairs for January 2022, and he provided the additional highlights:

1. Delivered the new service truck to the Water department.
2. Performed various upgrades to service truck #6.
3. Conducted annual preventative maintenance on the emergency generator's with Duthie Power Services.
4. Assisted Hydrotech Electric with troubleshooting the Canyon Creek Booster Pump Station hydropneumatics system.
5. Worked with TESCO Controls on communication towers.
6. Assisted the Sanitation department on the recycled supply pipeline repair at the Robinson Ranch Wastewater Treatment Plant.

There was a discussion on the control panel compatibility of the new portable generator at various District facilities.

RECOMMENDED ACTION

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

ITEM 8: OTHER MATTERS/REPORTS

Mr. Perea provided a brief update on the accident which involved the new replacement truck, and he reported that the claim was submitted to the District's insurance provider ACWA JPIA.

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Dopudja adjourned the March 2, 2022 Engineering/Operational Committee Meeting at 7:39 AM.