



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MAY 1, 2019

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Stephen Dopudja, Committee Member

STAFF PRESENT

Michael Perea, Interim General Manager
Lorrie Lausten, Principal Engineer
Gary Kessler, Water Department Superintendent
Travis Jones, Chief Plant Operator Wastewater Department
Jason Stroud, Maintenance Department Superintendent
Karen Warner, Senior Accountant
Lisa Sangi, Administrative Assistant

CONSULTANTS PRESENT

Kris Weber, Hunsaker and Associates

PUBLIC PRESENT

None

CALL MEETING TO ORDER

Director Mandich called the May 1, 2019 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 recognized Mr. Weber in the audience and moved agenda item seven to the top of the agenda.

REPORT FROM THE INTERIM GENERAL MANAGER

Mr. Perea reported that a minor sanitary sewer overflow occurred the prior week at Heritage Sewer Lift Station due to a pipeline clog.

Mr. Perea reported on the emergency repair at the Dove & Robinson Ranch Recycled Water Booster Pump Station by Ferreira Construction.

Mr. Perea reported that the Water Department has a scheduled valve repair on Sycamore Canyon Drive.

Mr. Perea mentioned that the Auditors will be onsite this week.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MAY 1, 2019**

ITEM 7: SADDLEBACK MEADOWS DEVELOPMENT (167 DUs)

Ms. Lausten introduced this matter for Committee consideration, and she reported that the proposed development Saddleback Meadows would have 167 Dwelling Units (DUs). Ms. Lausten added that Hunsaker and Associates are working for the developer California Quartet, and Mr. Weber was working with the District on the preparation of a new Sub-Area Master Plan ("SAMP") Update. Ms. Lausten reported that District staff has requested a proposal for the preparation of the SAMP from Psomas.

RECOMMENDED ACTION

The Committee recommended that the Board of Directors authorize the Interim General Manager to contract for consultant services with Psomas for the Saddleback Meadows Sub-Area Master Plan Update in the amount of \$34,000 (Action Calendar).

ITEM 1: VIA ALLEGRE WET WELL EXPANSION PROJECT

Ms. Lausten reported that this project was completed, and she expressed her gratitude to both the Operations and Maintenance Departments for their assistance on this project. Ms. Lausten presented three separate contract change orders which were related to various delays and other incurred costs, including; delays in procuring the pumps; electrical stand-by charges; and an amendment to DMc Engineering surveying services. Discussion occurred concerning proposed site security and aesthetic landscape improvements. Discussion then occurred with regards to the plants being placed in pots, and the probability of high winds damaging the pots and options for screening plants with non-invasive roots that would provide the appropriate level of screening height for the adjacent resident.

RECOMMENDED ACTION

The Committee received the status update and recommended the following:

- 1 Recommend that the Board of Directors authorize the Interim General Manager to execute the Contract Change Order No. 2 to GCI Construction in the amount of \$15,176.38 (Action Calendar).
2. Recommend that the Board of Directors authorize the Interim General Manager to execute the Contract Change Order No. 1 to Hydrotech Electric in the amount of \$1,972.63 (Action Calendar).
3. Recommend that the Board of Directors authorize the Interim General Manager to execute the Contract Amendment No. 1 to DMc Engineering in the amount of \$19,095.00 (Action Calendar).

ITEM 2: RIDGELINE BOOSTER PUMP STATION IMPROVEMENTS AND CAPACITY INCREASE PROJECT

Ms. Lausten provided a brief status on this project, and she mentioned that the District has received four (4) proposals for Construction Management Services. Ms. Lausten commented that both she and Mr. Perea have reviewed the proposals and recommend Butier Engineering for Construction Management and Inspection Services.

Ms. Lausten reported that the District received three (3) bids for the construction for the facility improvements and she provided a brief overview of the bids. Discussion occurred concerning District staff's bid review process in accordance with the agreement between the District and Rutter Development.

RECOMMENDED ACTION

The Committee received the status update and recommended forwarding the information to the Board of Directors.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MAY 1, 2019**

ITEM 3: DISCUSSION CONCERNING THE URBAN WATER RUNOFF & STORMWATER CONVEYANCE STRUCTURE TO DOVE LAKE

Mr. Perea presented this matter and mentioned, per the guidance received from the meeting of the Board of Directors last month. District staff met with GMU, Geotechnical Services on the repairs needed for this structure.

RECOMMENDED ACTION

The Committee received the status update. No action was taken.

ITEM 4: DISCUSSION CONCERNING TRABUCO CANYON WATER DISTRICT FISCAL YEAR 2019/2020 CAPITAL IMPROVEMENT PROJECT (CIP), EQUIPMENT, & PROGRAM BUDGETS

Mr. Perea presented this matter for Committee review and he provided a brief overview of the updated changes to the General Fund Budget assumptions with the Committee. Discussion occurred concerning electrical and fuel assumptions. Mr. Perea presented the overview of the Capital Improvement Project (CIP), Equipment, and Program Budgets, and he mentioned that District staff have worked to value engineer some of the proposed CIPs. Discussion occurred with regards to certain proposed Equipment Budgets and projected PERS costs.

RECOMMENDED ACTION

The Committee received the status update. No action was taken.

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Orange County Public Works Proposed Improvements to Trabuco Creek Road

Mr. Perea reported that District staff met with Orange County Public Works staff per the direction of the Board of Directors to discuss the proposed improvements to Trabuco Creek Road.

2. District Groundwater Well Feasibility Study

Ms. Lausten reported that she is finalizing the agreement language with Woodard & Curran with the assistance of District General Legal Counsel.

3. Other Projects

None

RECOMMENDED ACTION

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

ITEM 6: SADDLE CREST DEVELOPMENT (65 DU's | WSL)

Ms. Lausten provided a brief status update on this development, and she presented a monthly report update on the progress of the onsite reservoir for Committee review. Ms. Lausten mentioned that the reservoir interior tank coating is almost completed. Discussion occurred with regards to the slope erosion issues adjacent to the pump station.

RECOMMENDED ACTION

The Committee received the status update. No action was taken.

ITEM 8: WATER SYSTEM UPDATES

Mr. Kessler reviewed the projects and repairs for April 2019, and he provided the additional highlights:

1. Water Operations staff replaced the recirculation pump at the Harris Grade Reservoirs.

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MAY 1, 2019**

2. Water Operations staff removed Booster Pump No. 2 at the Trabuco Creek Groundwater Treatment Facility.
3. Water Operations staff performed the cleaning and minor maintenance at all Water Operations facilities.

Mr. Kessler reviewed the Monthly Water System Operations Summary, and he reported that Water Operations staff exercised seventy-one (71) valves in the Robinson Ranch and Canyon areas. Discussion occurred concerning current well production levels and imported water purchase cost savings.

RECOMMENDED ACTION

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

ITEM 9: WASTEWATER SYSTEM UPDATES

Mr. Jones reviewed the projects and repairs for April 2019, and he provided the additional highlights:

1. Wastewater Operations staff cleared the access road and removed silt build-up from the Shadow Rock Detention Basin Facility.
2. Wastewater Operations staff removed abandoned air lines at the Robinson Ranch Wastewater Treatment Plant (WWTP).
3. Wastewater Operations staff cleaned Plano and Heritage Sewer Lift Station wet wells.
4. Wastewater Operations staff cleaned Dove Dam spillway.
5. Wastewater Operations staff assisted Maintenance Department staff at Heritage Sewer Lift Station bypass and pump removal.
6. Wastewater Operations staff replaced Dove Recycled Water Pump Station Backwash Tank piping.

Mr. Jones reviewed the Monthly Wastewater System Operations Summary, and he provided a brief update on the Division of Dam Safety inspection of the Dove Dam. Mr. Perea commended Mr. Jones and Wastewater Operations staff for their hard work, and he commented that the recent departmental changes have provided a fresh perspective.

RECOMMENDED ACTION

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

ITEM 10: MAINTENANCE DEPARTMENT UPDATES

Mr. Stroud reviewed the projects and repairs for April 2019, and he provided the additional highlights:

1. Maintenance Department staff worked with Wastewater Operations on an emergency repair at Heritage Sewer Lift Station.
2. Maintenance Department staff worked with Water Operations on an emergency repair to remove a failed booster pump at the Trabuco Creek Groundwater Treatment Facility.
3. Maintenance Department staff worked with Water Operations to repair/rehabilitate the Harris Grade Reservoirs recirculation pump.
4. Maintenance Department staff worked with TESCO Controls on the annual EMASS Extended Maintenance Program.

RECOMMENDED ACTION

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

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | MAY 1, 2019**

ITEM 11: OTHER MATTERS/REPORTS

Mr. Perea provided a brief update on the District's Water Awareness Day Event on Saturday, May 11, 2019.

RECOMMENDED ACTION

There was no action taken.

ADJOURNMENT

Director Mandich adjourned the May 1, 2019 Engineering/Operational Committee Meeting at 8:13 AM.