

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
FEBRUARY 4, 2015**

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Glenn Acosta, Committee Alternate Member

DIRECTORS ABSENT

Stephen Dopudja, Committee Member

STAFF PRESENT

Hector Ruiz, General Manager
Lorrie Lausten, Engineer
Kris Hanberg, Wastewater Department Superintendent
Gary Kessler, Water Department Chief Plant Operator
Bob Beck, Maintenance Department Superintendent

PUBLIC PRESENT

There were no members of the public present.

CALL MEETING TO ORDER

Mr. Mandich called the February 4, 2015, 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

Mr. Mandich had no comments.

Mr. Acosta had no comments.

REPORT FROM THE GENERAL MANAGER

Mr. Ruiz reported the following matters:

- District staff is planning to attend the National Water Research Institute Drought Workshop that has been scheduled for February 25 -26 in Irvine. Mr. Ruiz mentioned that presenters for the event include Department of Water Resources and Metropolitan Water District of Southern California.

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP FEBRUARY 4, 2015

- Municipal Water District of Orange County (MWD OC) will be meeting with member agencies to review the proposed allocation plan from Metropolitan Water District of Southern California (MET). Mr. Ruiz added that more information will be presented to the Board for their review.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Ruiz presented the January 7, 2015, Engineering/Operational Committee Meeting Recap for Committee review. There were no comments received.

RECOMMENDED ACTION

The Committee recommended that the Board receive and file the January 7, 2015, Engineering/Operational Committee Meeting Recap (Consent Calendar).

ITEM 2: SHADOW ROCK DETENTION BASIN FACILITY PROJECT

Mr. Ruiz provided a status update on this project, and reviewed the remaining project tasks and schedule. Mr. Ruiz mentioned that the contractor completed the basin concrete portion of the project on January 24th. Mr. Ruiz reviewed project status photos with the Committee. Mr. Ruiz mentioned that the contractor discovered an 8-inch irrigation drain pipeline during construction. District staff had originally designed for extending a 4-inch drainage pipe, but that an 8-inch is now required, including the need for District staff to issue a contract change order. Ms. Lausten presented a project schedule handout for Committee review, and reviewed the timeline for completion and the impact of project delays to date. Discussion occurred concerning equipment and pipeline received to date; Mr. Ruiz mentioned that all of the project's equipment and pipeline have been received except for one pump. Discussion occurred concerning project timeline for completion and the possible coordination with the Water Awareness Event in May.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 3: ALTERNATE RAW WATER TRANSMISSION LINE - PW79

Mr. Ruiz provided a status update on this project, and provided a project schedule handout for Committee review which highlighted major project tasks. Discussion occurred concerning Southern California Edison (SCE) and exclusive easement acquisition. Mr. Ruiz mentioned that District staff met with SCE representatives on January 23, 2014 at the proposed project site. Discussion occurred concerning the matters reviewed at the TCWD/SCE site meeting. Mr. Ruiz added that Tetra Tech (Consultant) has completed additional permitting requirements, including assisting the District with obtaining letters of permission from property owners for the District which is out of scope of work and requires a contract amendment. Mr. Ruiz mentioned that District staff was to meet with the County of Orange to discuss the encroachment permit for the project which typically requires 30-days for receipt. Discussion occurred concerning site appraisal services for the condemnation of SCE's exclusive easement; Mr. Ruiz commented that District General Legal Counsel is currently preparing an Agreement for Real Estate Appraisal Services. Discussion occurred concerning project timeline for completion at its current state; Mr. Ruiz reviewed the Federal Emergency Management Agency (FEMA) project funding approval process and mentioned that project funding may be approved by October or

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP FEBRUARY 4, 2015

November, 2015. Discussion occurred concerning pre-Appraisal project milestones; Mr. Ruiz mentioned that potholing and site surveying is anticipated to be completed prior to the completion of appraisal services. Discussion occurred concerning emergency preparedness and pipeline repair-in-place in the event of a significant disaster event. Mr. Ruiz mentioned that District staff has coordinated with Tetra Tech to prepare an Emergency Response Plan in the event the pipeline fails or requires replacement and/or repair. Mr. Ruiz added that this additional work will result in a contract amendment with Tetra Tech, and which is being worked on and will be presented at the February Regular Board Meeting for the Board. Discussion occurred concerning coordination with regulatory agencies and possible habitat mitigation in the event of pipeline failure.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 4: BAKER WATER TREATMENT FACILITY

Mr. Ruiz provided a status update on this project, and mentioned that the Baker Project Committee met on January 15, 2015. Mr. Ruiz reviewed the Baker Water Treatment Facility Construction Report for January, 2015, with the Committee, and mentioned that Irvine Ranch Water District is currently preparing the February Construction Report and District staff will present it at the Regular Board Meeting. Mr. Ruiz added that the project schedule shows delays that will be made up by the contractor working on Saturdays at their cost. Discussion occurred concerning project timeline for completion and costs associated with schedule delays.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Aerobic Digester Sludge/Decant Pump Replacement

Mr. Ruiz provided a status update on this project and mentioned that District staff is scheduled to meet the following day to discuss the replacement pump design. Mr. Ruiz added that more information will be presented at the next Committee Meeting.

2. Other Projects

Mr. Ruiz commented there were no other engineering and operations projects.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 6: SKYRIDGE DEVELOPMENT (84 DUs)

Mr. Ruiz provided a status update on this development, and reviewed the major project tasks remaining which included an inter-agency agreement with SMWD for the potable water inter-tie and connection to their recycled water system, the approval of the final tract map, the preparation of a conditional Will Serve Letter, and a Developer Agreement for Services. Mr. Ruiz mentioned that District staff met with the Standard Pacific (Developer), the City of Mission Viejo, and Santa Margarita Water

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP FEBRUARY 4, 2015

District (SMWD) to determine and finalize the project's recycled water demands, pipeline size, and implementation issues. Discussion occurred concerning recycled water for the development; Mr. Ruiz commented that the Developer has requested the use recycled water for construction water purposes, and that District staff will bring a Resolution concerning the matter to the Board for their review.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 7: ACTIVE DEVELOPMENTS

1. Summerfield Homes, County of Orange – Tract 15800 (5 DUs | WSL)

Mr. Ruiz commented that there was no update on this development.

2. Plano Trabuco Development, William Lyon Homes, Inc., City of Rancho Santa Margarita (36 unit triplex building design)

Mr. Ruiz commented that there was no update concerning the District at this time. Discussion occurred concerning the City of Rancho Santa Margarita's approval of the Plano Trabuco Development and the development's storm drain infrastructure alignment.

3. Oaks at Trabuco, County of Orange (9 DUs | WSL)

Mr. Ruiz commented that there was no update on this development.

4. Upper Oso Habitat Restoration, City of Rancho Santa Margarita

Mr. Ruiz commented that the District's involvement with this project is complete, and that District staff will monitor the use of recycled water on the monthly Recycled Water System Summary report.

5. Other Active Developments

Mr. Ruiz commented there were no other developments for discussion.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 8: WATER SYSTEM STATUS

Mr. Kessler presented the Water System Status Update through January, 2014, and reported on the following matters:

- Water Department staff met with the State Water Resources Control Board on the Annual District-wide Inspection.
- Water Department staff repaired a two-inch saddle corporation valve at Santiago Canyon Estates.

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

FEBRUARY 4, 2015

Mr. Kessler provided an updated Monthly Water System Operations Summary report for January, 2015, for Committee review. Discussion occurred concerning an Orange County Register article which reported a statewide water demand reduction of 22%.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 9: WASTEWATER SYSTEM STATUS

Mr. Hanberg presented the Wastewater System Status Update through January, 2014, and reported on the following matters:

- Wastewater Department staff assisted the Maintenance Department in the repair of the 100 horsepower pump at the Dove Canyon Recycled Water Pump Station.
- Wastewater Department Staff assisted the contractors by dewatering the Shadow Rock Detention Basin as a result of the recent storm events.

Mr. Hanberg reviewed the Sewer System Management Plan (SSMP) Quarterly Report and Annual Audit. Discussion occurred concerning sanitary sewer cleaning and the Dove Canyon Recycled Water Pump Station.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 10: OTHER MATTERS/REPORTS

Mr. Ruiz commented on the following matters:

- South Orange County Wastewater Authority's (SOCWA) is scheduled to update their Pretreatment Ordinance in May, 2015. Mr. Ruiz added that more information concerning this matter will be presented at future Committee Meetings.
- Mr. Ruiz mentioned that the San Diego Regional Water Quality Control Board has proposed updates to their Waste Discharge Permit Restrictions. Mr. Ruiz added that regional member agencies are currently drafting a response letter concerning the proposed changes.

Discussion occurred concerning Dove Lake freeboard and water quality.

ADJOURNMENT

Mr. Mandich adjourned the February 4, 2015, Engineering/Operational Committee Meeting at 7:50 AM.