

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
JANUARY 7, 2015**

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Stephen Dopudja, Committee Member

STAFF PRESENT

Hector Ruiz, General Manager
Lorrie Lausten, Engineer
Kris Hanberg, Wastewater Department Superintendent
Bob Beck, Maintenance Department Superintendent

STAFF ABSENT

Michael Perea, District Secretary
Neil McKenna, Water Department Superintendent

PUBLIC PRESENT

There were no members of the public present.

CALL MEETING TO ORDER

Mr. Mandich called the January 7, 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. Dopudja had no comments.

Mr. Mandich had no comments.

REPORT FROM THE GENERAL MANAGER

Mr. Ruiz reported that District staff received and responded to the Orange County Register (Register) regarding recycled water use and recycled projects within the District's service area. Mr. Ruiz added that the Register is reporting on neighboring Santa Margarita Water District's (SMWD) recycled water projects in Rancho Santa Margarita. Mr. Ruiz mentioned that the Register contacted him concerning the District's increase in potable water use in November, 2014, in comparison with the same month in

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2013. Mr. Ruiz added that the discussion included the subject of microclimates in the District's service area and its impact on District customer water demand.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Ruiz presented the December 9, 2014, 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 December 9, 2014, 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. Discussion occurred concerning schedule delays due to recent storm events and the holidays. Mr. Ruiz mentioned that the remaining major milestone is the concrete sedimentation basin which has been significantly impacted and damaged by debris and mudflow from the storm events. Discussion occurred concerning the project timeline for completion and project costs. Mr. Ruiz mentioned that the due to costs associated with damage to the subgrade that a contract change order will be issued. Mr. Ruiz anticipated that the contract change order would be brought to the Committee for review next month.

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 mentioned that District staff prepared a Powerpoint presentation which highlighted the project's background and current status for Vice President Acosta and Director Safranski's meeting with County of Orange Supervisor Ms. Lisa Bartlett. Mr. Ruiz reviewed the exhibit letter from Southern California Edison (SCE) regarding the denial for a consent agreement for easement encroachment, and mentioned that there has been no formal communication or response from SCE. Discussion occurred concerning project timeline and project coordination with the Federal Emergency Management Agency.

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 December Baker Project Committee Meeting was cancelled. Mr. Ruiz reviewed the Baker Water Treatment Facility Construction Report for December 2014 with the Committee. Mr. Ruiz added that the project schedule has been updated with project 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.

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RECOMMENDED ACTION

Received status update, no action taken.

ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Robinson Ranch Wastewater Treatment Plant Sodium Hypochlorite Solution Tank Replacement
Ms. Lausten commented that this project has been completed, and reviewed installation photos of the Tank by District Wastewater Operations and Maintenance staff. Discussion occurred concerning project costs; Ms. Lausten mentioned that Xerxes provided the lowest bid for the project.

2. Aerobic Digester Sludge/Decant Pump Replacement
Mr. Ruiz presented this project for Committee review, and provided background concerning the Wastewater Treatment Plant's (WWTP) aerobic digester pump operation and the current temporary solution in place. Mr. Ruiz added that District staff is currently evaluating a new permanent design, and that more information will be presented at the next Committee Meeting.

3. 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. Discussion occurred concerning the status of the agreement with SMWD. Mr. Ruiz mentioned that he is currently working with the Developer, Standard Pacific, the City of Mission Viejo, and SMWD to determine and finalize the project's recycled water demands, pipeline size, and implementation issues.

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 activity on the water and wastewater connections and that the developer was currently working on two lots.

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

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Mr. Ruiz mentioned that District staff met with the developer, and that Psomas has completed the Draft Sub-Area Master Plan. Per the Developer, model units are anticipated to be completed by January, 2016.

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 District staff is coordinating with the City of Rancho Santa Margarita staff to determine the location of meter installation. Mr. Ruiz added that District staff is currently preparing an application for receipt of recycled water for this project.

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. Ruiz presented the Water System Status Update through November, 2014, and reported on the following matters:

- Water Department staff repaired a 1” service line on Sycamore Drive in the Trabuco Oaks community.
- Water Department staff repaired an 8” fire hydrant shutoff valve on Shadow Rock Lane in the Trabuco Highlands community.
- Mr. Ruiz mentioned that Water Department staff repaired a leak in the Santiago Canyon Estates on December 23rd, which was caused by the failure of a degraded galvanized cap. Mr. Ruiz reviewed the Monthly Water System Operations Summary with the Committee and reported that there were no anomalies.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 9: WASTEWATER SYSTEM STATUS

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

- Wastewater Department staff conducted Source Control Inspections of businesses in the District’s service area.

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- Wastewater Department Staff cleaned the Robinson Ranch Wastewater Treatment Plant West Sequencing Batch Reactor (SBR), and installed new diffusers, a mud valve, and a waste valve.

Mr. Hanberg commented that the Sewer System Management Plant (SSMP) Quarterly Report and Annual Program Audit will be presented for Committee review in February.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 10: OTHER MATTERS/REPORTS

Mr. Ruiz commented that the Orange County Grand Jury informally requested that District staff provide information regarding the District's wastewater flows for Fiscal Year 2013/2014, including the method of disposal.

ADJOURNMENT

Mr. Mandich adjourned the January 7, 2015, Engineering/Operational Committee Meeting at 7:39 AM.