

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
AUGUST 12, 2014**

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Michael Safranski, Committee Member

STAFF PRESENT

Hector Ruiz, General Manager
Michael Perea, District Secretary
Lorrie Lausten, Engineer
Kris Hanberg, Wastewater Department Superintendent
Neil McKenna, Water Department Superintendent
Bob Beck, Maintenance Department Superintendent

PUBLIC PRESENT

There were no members of the public present.

CALL MEETING TO ORDER

Mr. Mandich called the August 12, 2014, 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. Safranski commented on an Orange County Register article concerning Special District employee compensation. Mr. Safranski also commented on the candidates for City of Rancho Santa Margarita City Council for the November General Election. Discussion occurred concerning the importance of government transparency.

Mr. Mandich commented on the uncontested District Board positions in the November General Election, and congratulated Mr. Safranski on four year term appointment. Discussion occurred concerning election costs.

REPORT FROM THE GENERAL MANAGER

Mr. Ruiz had no comments.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
AUGUST 12, 2014**

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Ruiz presented the July 8, 2014, Engineering/Operational Committee Meeting Recap for Committee review.

RECOMMENDED ACTION

The Committee recommended that the Board receive and file the July 8, 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 commented on the following project-related matters:

- Project Bids – Mr. Ruiz mentioned that the Project Bid due date is being revised by an Addendum, and bids will be due on Tuesday, August 19, 2014 at 10:00 AM. Mr. Ruiz added that the Addendum to the Project Bid will address the slide gates, hydroseeding, and other miscellaneous items raised by prospective bidders. Mr. Ruiz reported to the Committee that four prospective bidders attended a pre-Bid meeting at the Project Site, and that the preliminary outlook for receiving several bids is positive.
- City of Rancho Santa Margarita – Mr. Ruiz mentioned that District staff is coordinating with City Staff for the necessary grading permit.
- Labor Compliance Program (LCP) – Mr. Ruiz informed the Committee that District Staff has received and are currently reviewing a proposal for service for an LCP Consultant to replace the previous LCP Consultant that is no longer in business.

Discussion occurred concerning project schedule and timeline for completion.

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 reviewed the project tasks completed to date, which included the following matters:

- Southern California Edison (SCE) – Mr. Ruiz mentioned that he has had informal talks with SCE Representatives and continues to make progress concerning the project and the request for easement encroachment approval.
- Tetra Tech/Project Design – Mr. Ruiz mentioned that Tetra Tech (Consultant) has submitted the 50% design to the City of Lake Forest, and is working towards providing more details for the Dimension bridge crossing.

Discussion occurred concerning project costs and timeline for completion.

RECOMMENDED ACTION

Received status update, no action taken.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
AUGUST 12, 2014**

ITEM 4: BAKER WATER TREATMENT FACILITY

Mr. Ruiz provided a status update on this project, and commented that the scheduled Project Committee Meeting for August was cancelled, and that a Meeting was scheduled for September. Mr. Ruiz added that demolition at the project site is ongoing, and that an updated Project Construction Report will be presented at the August 20, 2014, Regular Board Meeting for Board review.

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 District Staff has received tank design submittals from Xerxes for review and comment. Discussion occurred concerning the timeline for delivery once the tank is ordered; Ms. Lausten mentioned that it will take approximately six to eight weeks for delivery.

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 TCWD Capacity in El Toro Road Sewer System exhibit with the Committee. Mr. Ruiz reviewed the remaining major project tasks, which included the following matters:

- Recycled Water Study – Mr. Ruiz commented that the Draft Study Technical Memorandum prepared by Psomas (Consultant) has been submitted to Santa Margarita Water District (SMWD) and the Developer for their review. Mr. Ruiz mentioned that SMWD will provide recycled water to the community from their Monterey Villa Pump Station. Mr. Ruiz commented that District Staff expects review comments on the Technical Memorandum from SMWD in the next few weeks.

Discussion occurred concerning the recycled water rates and meter fees for the development and the potential impacts the development could have on the sewer infrastructure. Ms. Lausten mentioned that the Developer requested the relocation of the water meter and fire hydrant which serves the adjacent Montessori School to permit construction of the new homes. Ms. Lausten is coordinating with the Water Department Staff for the relocation of the water meter and fire hydrant for the adjacent Montessori School.

RECOMMENDED ACTION

Received status update, no action taken.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
AUGUST 12, 2014**

ITEM 7: ACTIVE DEVELOPMENTS

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

Mr. Ruiz commented that District Staff is scheduled to meet with the developer this week onsite to review the necessary sewer manhole and infrastructure improvements.

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

Mr. Ruiz commented that District Staff are coordinating with Psomas (Consultant) to prepare a Water Analysis Study. Discussion occurred concerning project timeline for completion and Developer Fees.

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

Mr. Ruiz mentioned that there were no updates for this development.

4. Johnson Residence, County of Orange (1 DU)

Mr. Ruiz provided a status update on this development, and commented that the Developer has completed the District's approval process for water service. Mr. Ruiz added that District Staff will coordinate with the Developer for the inspection of the water meter and backflow prevention device installation.

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

Mr. Ruiz commented that there were no updates concerning this matter.

6. 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. McKenna presented the Water System Status Update through July, 2014, reported on the following matters:

- Water Department staff repaired a six-inch Fire Hydrant shut-off valve in Dove Canyon.
- Water Department staff repaired a six-inch pipeline in Rancho Cielo.

Mr. McKenna reviewed the Monthly Water System Operations Summary with the Committee. Discussion occurred concerning the Operations Summary composition, the impact of the Statewide Drought, and the State Water Board reporting requirements.

RECOMMENDED ACTION

Received status update, no action taken.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
AUGUST 12, 2014**

ITEM 9: WASTEWATER SYSTEM STATUS

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

- Wastewater Department staff assisted Maintenance Department Staff with the installation of the Dove Lake pump.
- Wastewater Department Staff assisted Maintenance Department Staff with the installation of three air valves on the large filters at the Robinson Ranch Wastewater Treatment Plant.

Mr. Hanberg reviewed the Monthly Recycled Water System Operations Summary with the Committee, and mentioned that the recycled water reservoir at the Robinson Ranch Wastewater Treatment Plant was no longer receiving supplemental potable water to meet system demand as of August 11th. Mr. Hanberg mentioned that District Staff was currently in the process of updating the District's Sewer System Management Plan. Discussion occurred concerning SMWD's Dry Season Recovery water demand per agreement, and the Dove Lake freeboard; Mr. Hanberg mentioned that the freeboard in Dove Lake was approximately fourteen feet.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 10: OTHER MATTERS/REPORTS

Mr. Ruiz commented on the following other matters or reports for discussion:

1. Mr. Ruiz mentioned that District Staff delivered a joint presentation with SMWD Staff to present each respective agencies' Drought Ordinance at the Community Associations of Rancho (CAR) Meeting on August 5th. Discussion occurred concerning District Staff public outreach concerning the State Water Board emergency regulations, and the effectiveness of a special mailer concerning the District's efforts during the drought.
2. Mr. Ruiz commented that the first monthly report to the State Water Board, per the new emergency regulations, had been submitted. Mr. Ruiz added that a copy of the report will be presented at the Regular Board Meeting, and that subsequent reports will be presented for Committee and Board review at their respective Meetings.

ADJOURNMENT

Mr. Mandich adjourned the August 12, 2014, Engineering/Operational Committee Meeting at 7:35 AM.