

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
JUNE 10, 2014**

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Michael Safranski, Committee Member

STAFF PRESENT

Hector Ruiz, General Manager
Michael Perea, District Secretary
Lorrie Lausten, Engineer
Gary Kessler, Water Department Chief Plant Operator
Bob Beck, Maintenance Department Superintendent

STAFF ABSENT

Kris Hanberg, Wastewater Department Superintendent

PUBLIC PRESENT

There were members of the public present.

CALL MEETING TO ORDER

Mr. Mandich called the June 10, 2014, Engineering/Operational Committee Meeting to order at 7:02 AM.

VISITOR PARTICIPATION

No comments were received.

ORAL COMMUNICATION

No comments were received.

COMMITTEE MEMBER COMMENTS

Mr. Safranski commended District staff for the Water Awareness Event on Saturday, May 31, 2014. Mr. Safranski commented on his attendance at the South County Water Agencies Metropolitan Water District of Southern California (MET) Director Nominating Committee Meeting, and provided a brief recap of the information discussed at the meeting.

Mr. Mandich had no comments.

REPORT FROM THE GENERAL MANAGER

Mr. Ruiz commented on the following matters:

- Mr. Ruiz mentioned that Mr. Hanberg was not in attendance as he was out sick for the day.

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

JUNE 10, 2014

- Mr. Ruiz introduced Mr. Sean Doyle of Standard Pacific Homes.
- Mr. Ruiz mentioned that District staff plans to participate in the Annual Great Shake Out Event on October 16, 2014, and that District staff will coordinate with local groups for the event. Discussion occurred concerning emergency preparedness and available emergency power generation.
- Mr. Ruiz mentioned that District staff has been notified concerning the statewide National Pollutant Discharge Elimination System (NPDES) Draft Requirement Updates, and will provide a status update to the Committee.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Ruiz presented the May 13, 2014, Engineering/Operational Committee Meeting Recap for Committee review.

RECOMMENDED ACTION

The Committee recommended that the Board receive and file the May 13, 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 that the 100% Design has been submitted by URS (Consultant). Mr. Ruiz added that once the Design submittal has been reviewed and approved, that it will then be forwarded to staff at the City of Rancho Santa Margarita (City) for review and receipt of permits. Discussion occurred concerning the approval status of the Army Corps of Engineers permit (ACOE); Mr. Ruiz mentioned that the process should be completed soon based upon informal discussion with ACOE staff. Mr. Ruiz added that the Southern California Edison (SCE) easement agreement has been approved and accepted by the adjacent property owner. Discussion occurred concerning project timeline; Mr. Ruiz mentioned that District staff could bid the project next month, provided that City staff approves the final design soon. Discussion occurred concerning public outreach and notification concerning the project, and the impact of the statewide drought; Mr. Ruiz commented that District staff will use the District website, the On Tap Monthly Newsletter, as well as Mass Notification to District customers by phone to provide essential project construction information. Discussion occurred concerning project 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 remaining to date, which included the following matters:

- SCE Easement – Mr. Ruiz commented that District staff has been working on this task since January, 2014, but there has been no formal approval at this time. Mr. Ruiz added that based on informal

ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

JUNE 10, 2014

discussion with SCE staff that there has been good progress on this matter at their offices, and successful completion looks favorable.

- County of Orange Parks and Flood Control- Mr. Ruiz mentioned that the meeting held with County staff and which was attended by Mr. Mandich, was very positive and successful. Mr. Ruiz added that County Flood Control has asked District staff to proceed with the design and reference plans for the easement encroachment and permit approval process.
- Mr. Ruiz added that Tetra Tech (Consultant) are currently working on the private property easement acquisition process.

Discussion occurred concerning project completion timeline and existing pipeline stabilization in the event of a significant winter storm event; Mr. Ruiz mentioned that in the event of a catastrophic failure of the existing pipeline that the District is prepared to use its inter-agency relationships and infrastructure interties to provide uninterrupted service to its customers.

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 Project Committee Meeting was cancelled due to continued site demolition, and no new construction. Mr. Ruiz added that any new updates will be provided at the Regular Board Meeting. Discussion occurred concerning project timeline for completion and the status of any project change orders.

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

Mr. Lausten provided a status update concerning this project, and mentioned that District staff has secured three vendor quotes for the replacement of the existing tank at the WWTP. Discussion occurred concerning the tank design.

2. Other Projects

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

RECOMMENDED ACTION

Received status update, no action taken.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
JUNE 10, 2014**

ITEM 6: SKYRIDGE DEVELOPMENT (84 DUs)

Mr. Ruiz provided a status update on this development, and reviewed the remaining major project tasks, which included the following matters:

- Recycled Water Study – Mr. Ruiz commented that Santa Margarita Water District (SMWD) has reviewed the study, and that Psomas (Consultant) will prepare the final version for developer review.
- Inter-Agency Agreement with SMWD – Mr. Ruiz mentioned that District staff has worked with the Consultant and General Legal Counsel to prepare the agreement with SMWD. Discussion occurred concerning recycled water infrastructure for the development.
- Infrastructure Improvement Plans – Mr. Ruiz mentioned that the developer plans to extend the pipeline infrastructure to accommodate the development at their cost.

Mr. Ruiz provided the Committee a handout prepared by Psomas which demonstrated the proposed developments on the north-east section of the District's service area. Discussion occurred concerning the developments. Mr. Sean Doyle, Standard Pacific, addressed the Committee and commended District staff for their profession and cooperation in working with Standard Pacific.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 7: ACTIVE DEVELOPMENTS

1. Summerfield Homes (5 DUs)

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

2. Other Active Developments

Mr. Ruiz commented that District staff has received notification from William Lyon Homes (Developer) concerning plans to develop thirty-six units and a small park adjacent to the Trabuco Marketplace. Discussion occurred concerning the planned development and related matters.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 8: WATER SYSTEM STATUS

Mr. Kessler presented the Water System Status Update through May, 2014, on behalf of Mr. McKenna and reported on the following matters:

- Water Department staff completed routine maintenance at the Dimension Water Treatment Plant during the scheduled twenty-four hour shutdown and rerouting of a section of the District's 16-inch raw water line at the Baker Water Treatment Plant site.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
JUNE 10, 2014**

- Water Department staff repaired an 8-inch welded steel pipeline emergency break on Santiago Canyon Road with the assistance of Doty Brothers (Contractor).

Discussion occurred concerning the status of the District's groundwater supplies.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 9: WASTEWATER SYSTEM STATUS

Mr. Ruiz presented the Wastewater System Status Update through May, 2014, on behalf of Mr. Hanberg and reported on the following matters:

- Wastewater Department staff assisted the Maintenance Department install a 30 horsepower pump at the Via Allegre Sewer Lift Station.
- Wastewater Department staff replaced the 10 horsepower sludge dewatering press feed pump with a temporary rental pump unit at the Robinson Ranch Wastewater Treatment Plant.

Discussion occurred concerning the possibility of highlighting District energy saving projects and practices; Mr. Ruiz mentioned that District staff could highlight these types of projects and practices on the District website.

RECOMMENDED ACTION

Received status update, no action taken.

**ITEM 10: DISCUSSION AND POSSIBLE ACTION CONCERNING TCWD's FISCAL YEAR 2014/2015
GENERAL AND CAPITAL IMPROVEMENT PROJECT (CIP) BUDGETS**

Mr. Ruiz presented this matter for Committee review and highlighted the budget assumptions for Fiscal Year 2014/2015. Mr. Ruiz reviewed the updates to the Budget with the Committee, which included moving the Fuel Tender purchase to an "A" project, the cost of the Administration Facility Building Recoating, and non-substantive grammatical corrections. Discussion occurred concerning the Water Treatment Plant Generator and planned upgrades to the District's Ridgeline Booster Pump Station as a result of future planned new developments in the District's service area.

RECOMMENDED ACTION:

The Committee recommended that the Capital Improvement Project Budget be forwarded to the Board for review and discussion (Action Calendar).

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
JUNE 10, 2014**

ITEM 11: OTHER MATTERS/REPORTS

Mr. Ruiz commented on the following other matters:

- Mr. Ruiz mentioned that District staff has received notification concerning the South Orange County Wastewater Authority (SOCWA) Salt & Nutrient Management Plan (Plan) amendments. Mr. Ruiz added that the Plan amendments are required by the State Regional Water Quality Control Board, and that District staff will review the Plan and provide comments. Discussion occurred concerning the Plan amendment's potential impacts on the District and possible related costs.
- Mr. Ruiz mentioned that District staff has received notification from the Dove Canyon Management Association (DCMA) concerning the Southern California Gas Company (SoCalGas) Advanced Meter Infrastructure (AMI) Data Collection Unit (DCU) Installation on District property within the Dove Canyon community. Discussion occurred concerning the request from DCMA and SoCalGas, the proposed location(s) for the installation for the DCUs, and project public outreach performed to date; Mr. Ruiz commented that more information will be presented at the next regular Engineering/Operational Committee Meeting.

ADJOURNMENT

Mr. Mandich adjourned the June 10, 2014, Engineering/Operational Committee Meeting at 8:05 AM.