

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
MARCH 12, 2013**

DIRECTORS PRESENT

Mike Safranski, Committee Chair
Ed Mandich, Committee Member

STAFF PRESENT

Hector Ruiz, General Manager
Michael Perea, District Secretary
Kris Hanberg, Wastewater Department Superintendent
Bob Beck, Maintenance Department Superintendent

STAFF ABSENT

Neil McKenna, Water Department Superintendent

PUBLIC PRESENT

No members of the public were present.

CALL MEETING TO ORDER

Committee Chair Safranski called the March 12, 2013 Engineering/Operational Committee Meeting to order at 7:04 A.M.

VISITOR PARTICIPATION

No comments were received.

ORAL COMMUNICATION

No comments were received.

COMMITTEE MEMBER COMMENTS

No comments were received.

REPORT FROM THE GENERAL MANAGER

The General Manager, Mr. Ruiz commented on the following matters:

- There was no Engineering/Operational Committee Meeting for February, 2013, due to lack of quorum.
- The Robinson Ranch Tract No. 11403 Service Lateral Replacement and Valve and Manhole Cover Adjustment Project is ongoing at this time.
- A sewer spill occurred on Thursday, March 7, 2013, at the gravity sewer line to Via Allegre Sewer Lift Station due to a grease blockage. Mr. Ruiz commented that the sewer spill was limited to about

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600 gallons and was contained to the storm drain and did not reach any receiving waters. Mr. Ruiz reported that staff responded quickly, cleared the blockage, and completed the required reporting to the regulatory agencies..

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

No changes were made to the January 8, 2013, Engineering/Operational Committee Meeting Recap.

RECOMMENDED ACTION

The Engineering/Operational Committee recommended that the Board receive and file the January 8, 2013, Engineering/Operational Committee Meeting Recap (Consent Calendar).

ITEM 2: BAKER REGIONAL WATER TREATMENT FACILITY

The General Manager, Mr. Hector Ruiz provided a status update on the project, and commented that Project Schedule has been revised by Irvine Ranch Water District (IRWD). Mr. Ruiz commented that the project schedule is based on the completed design work, and that IRWD plans on bidding the project in April, 2013. Discussion occurred concerning the project schedule, potential contract change orders and approval process. Mr. Ruiz mentioned that IRWD is preparing a DRAFT Agreement regarding the Baker Pipeline Capacity Transfer and that he anticipates bringing it to the Committee for review in the upcoming month.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 3: ALTERNATE RAW WATER TRANSMISSION LINE - PW79

The General Manager, Mr. Hector Ruiz provided a status update on the project, and presented Tetra Tech's (Consultant) Pre-Design Technical Memorandum and four figures of the proposed Alternative Transmission Line Routes. Discussion occurred concerning the Federal Emergency Management Agency's review of the alternative options, permitting process, and project approval.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 4: SHADOW ROCK DETENTION BASIN FACILITY PROJECT

The General Manager, Mr. Hector Ruiz provided a status update on the project and commented that URS (Consultant) has completed the preliminary layout for the project. Mr. Ruiz presented the Consultant's proposed draft site layout to the Committee. Discussion occurred concerning the proposed design, control of vectors, and the project's phased timeline. Mr. Ruiz commented the project schedule has been modified to allow for nesting season. Discussion occurred concerning

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methods of District public outreach and education concerning the project to the affected residents of the Trabuco Highlands Community Association. Mr. Ruiz mentioned that he had presented an overview of the District's Urban Runoff Projects, including Dove Creek and Tick Creek Pump Stations and the proposed Shadow Rock Detention Project at last week's CAR (Communities of Rancho) meeting.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 5: GOLF CLUB SEWER LIFT STATION UPGRADES AND REHABILITATION

The General Manager, Mr. Hector Ruiz provided a status update on this project, and commented that staff has received an informal, verbal approval from the State representative concerning the re-rating of the surge tank at the sewer lift station to a higher pressure of 167 psi. Mr. Ruiz commented that staff is awaiting a formal response concerning the approval, and then, the certification and re-stamping of the surge tank will occur. Mr. Ruiz commented that staff will present surge tank bid documents to the Committee following a formal receipt of approval from the State.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 6: DOVE CANYON MASTER ASSOCIATION (DCMA) LANDSCAPE STORAGE AREA

The General Manager, Mr. Hector Ruiz provided a status update on this matter, and commented that DCMA is incorporating the District's comments on the draft agreement. Discussion occurred concerning agreement language; Mr. Ruiz commented that District General Legal Counsel has reviewed the draft agreement and has provided the District with comments that are being coordinated with DCMA.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 7: COUNTY OF ORANGE PAVEMENT REHABILITATION IN SANTIAGO CANYON ESTATES – PROPOSED COUNTY OF ORANGE AGREEMENT D12-092 FOR VALVE AND MANHOLE COVER ADJUSTMENTS

The General Manager, Mr. Hector Ruiz presented this matter to the Committee and commented that this matter is not a budgeted item. Mr. Ruiz commented that the County of Orange (County) is preparing a Capital Improvement Project to address subsurface drainage issues, cross drain construction, and pavement rehabilitation in the Santiago Canyon Estates development. Mr. Ruiz commented that the District is financially responsible for the forty-two valve and twenty-five manhole cover adjustments in the affected area, and that the County requires a deposit for the proposed work through an agreement with the County. Mr. Ruiz commented that District staff is working with the County to draft an agreement for the proposed work, which includes the District's costs for the

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adjustments. A copy of the Draft Agreement was presented to the Committee by Mr. Ruiz. Discussion occurred concerning the proposed costs for the adjustment of the valves and manhole covers, and the possibility of budgeting for these types of County projects. Mr. Ruiz commented that recent bid costs provided by the City of Rancho Santa Margarita were used for the Draft Agreement budgetary costs. Mr. Ruiz mentioned that the County would like to finalize the Agreement this week and that staff bring the Agreement to the March Regular Board Meeting for action.

RECOMMENDED ACTION

The Engineering/Operational Committee recommended that staff bring the final Agreement to the March Board Meeting (Action).

ITEM 8: DIMENSION WATER TREATMENT PLANT REHABILITATION PROJECT

The General Manager, Mr. Hector Ruiz commented that this project is substantially complete, excluding some minor touch up paint work. Mr. Ruiz presented a contract change order to the Committee as a result of additional work at the request of the District in order to accommodate the use of a filter and avoid importing treated MET water at a higher cost to the District. In addition, staff contracted to have the existing cathodic protection system replaced as some of anodes are located below the filter media where it is not accessible for inspection. Discussion occurred concerning the contract change order, cathodic protection of the filter tanks, and a request for photographs of the finished product. Committee inquired of the additional 21 day time extension. Mr. Ruiz replied that the additional time was required to install the media, controls, and sequence the work amongst the 3 filters per staff's request.

RECOMMENDED ACTION

The Engineering/Operational Committee agreed with the contract change order presented by staff for \$3,400 and an additional 21 days and recommended that staff bring the contract change order to the March Board Meeting (Action).

ITEM 9: ON-GOING ENGINEERING PROJECTS

1. Trabuco Dam Surveillance and Improvement Project

Mr. Ruiz provided a status update on the project, and commented that staff has contacted the State Division of Dam Safety (State) concerning this matter. Mr. Ruiz commented that the State confirmed that the District does not need to perform any amount of extensive work on the dam asphalt roadway. Per the State, the District may only need to seal any major cracks in the in the access road on the dam, if necessary. Mr. Ruiz commented that the dam is designed as an earthen dam with a cap in order to prevent erosion. Mr. Ruiz commented that staff will complete the benchmark relocation as recommended by the State.

2. Robinson Ranch Wastewater Treatment Plant Sequencing Batch Reactor Limited Maintenance

Mr. Ruiz presented this matter to the Committee, and commented that staff is preparing a scope of work for various for rehabilitation at the Robinson Ranch Wastewater Treatment Plant (WWTP), in

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particular to the Sequencing Batch Reactors and the (SBR) aeration system. Mr. Ruiz commented that the work can be contracted out and managed by staff. Mr. Ruiz commented that the replacement of the aeration system equipment and parts was budgeted, and some of the items have been purchased by staff. Discussion occurred concerning installation/labor costs, scheduling and project timeline. Mr. Ruiz commented that staff would like to schedule the work in a manner that will minimize impacts to the production of recycled water while meeting recycled water demands, most likely during the winter period.

RECOMMENDED ACTION

Received status update, no action taken

ITEM 10: ACTIVE DEVELOPMENTS

1. Saddle Crest Homes (65 DUs)

Mr. Ruiz commented that there are no updates at this time.

2. Skyridge Development (84 DUs)

Mr. Ruiz commented that there are no updates at this time.

3. Oaks at Trabuco (9 DUs)

Mr. Ruiz commented that a second home has been completed, and that staff has met with the Developer concerning an odor issue at a manhole due to a private sewer force main. Discussion occurred concerning septic systems and leech fields for irrigation purposes.

4. Fieldstone (8 DUs)

Mr. Ruiz commented that the homes are currently in escrow, and this development will be presented at an upcoming Board meeting upon completion of all remaining development paperwork. Discussion occurred concerning the Smart Meter Pilot Project.

5. Other Active Developments

Mr. Ruiz commented that there are no other updates at this time.

RECOMMENDED ACTION

Received status update. No actions taken.

ITEM 11: WATER SYSTEM STATUS

The General Manager, Mr. Hector Ruiz presented the February 2013 Water System Status Update. Discussion occurred concerning the operation status of the Trabuco Creek Wells Facility.

RECOMMENDED ACTION

Received status update. No actions taken.

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ITEM 12: WASTEWATER SYSTEM STATUS

The Wastewater Department Superintendent Mr. Kris Hanberg presented the February 2013 Wastewater System Status Update.

RECOMMENDED ACTION

Received status update. No actions taken.

ITEM 13: OTHER MATTERS/REPORTS

The General Manager, Mr. Hector Ruiz commented there were no other matters to report.

ADJOURNMENT

Committee Chair Safranski adjourned the March 12, 2013 Engineering/Operational Committee Meeting at 8:11 A.M.

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