

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
JANUARY 8, 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
Neil McKenna, Water Department Superintendent
Bob Beck, Maintenance Department Superintendent

PUBLIC PRESENT

No members of the public were present.

CALL MEETING TO ORDER

Committee Chair Safranski called the January 8, 2013 Engineering/Operational Committee Meeting to order at 7:00 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 that the District received notice from the Orange County Local Agency Formation Commission (OC LAFCO) concerning their 2013 Municipal Services Review (MSR) Hearing scheduled for mid-February. Mr. Ruiz commented that OC LAFCO has a new Interim Executive Officer, Ms. Carolyn Emory.

ITEM1: BAKER REGIONAL WATER TREATMENT FACILITY

The General Manager, Mr. Hector Ruiz provided a status update on the project and commented that the meeting scheduled for December 2012, was cancelled. Mr. Ruiz commented that the design work

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for the project is expected to be completed soon, and a Committee meeting is scheduled for January 10, 2013. Discussion occurred concerning project management and updated budget/cost estimates.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 2: ALTERNATE RAW WATER TRANSMISSION LINE - PW79

The General Manager, Mr. Hector Ruiz provided a status update on the project and commented that Tetra Tech's (Consultant) Funding Analysis report has been reviewed, finalized, and submitted to the Federal Emergency Management Agency (FEMA); Mr. Ruiz presented a copy of the report's cover letter to the Committee as an exhibit for the committee's review. The cover letter included a cost summary of the alternatives evaluated. Mr. Ruiz commented that the California Emergency Management Agency (CalEMA) agreed with Tetra Tech's recommendation for the alternative to reroute the pipeline along Dimension Drive. Cal EMA forwarded the report to FEMA on December 21, 2012 with a recommendation based on the report. District staff anticipates a response from FEMA by March 2013. Discussion occurred concerning project funding and easement access for the project.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 3: SHADOW ROCK DETENTION BASIN FACILITY PROJECT

The General Manager, Mr. Hector Ruiz provided a status update on the project and commented that the project agreement with URS (Consultant) has been executed. District staff is awaiting the required insurance certificates, and upon receipt, will issue a Notice to Proceed. Mr. Ruiz commented that the District's Southern California Edison (SCE) representative is currently working on behalf of the District for the procurement of power at the project site. Discussion occurred concerning the project timeline.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 4: GOLF CLUB SEWER LIFT STATION UPGRADES AND REHABILITATION

The General Manager, Mr. Hector Ruiz provided a status update on this project and commented that the surge tank re-rating analysis has been completed. Mr. Ruiz commented that the analysis results have been submitted to the State, and that District staff is awaiting a response.

RECOMMENDED ACTION

Received status update, no action taken.

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ITEM 5: EL TORO ROAD SEWER LIFT STATION AGREEMENT AMENDMENTS

The General Manager, Mr. Hector Ruiz provided a status update and commented that there is no change on this matter. Mr. Ruiz commented that the amendments are currently with Irvine Ranch Water District and Santa Margarita Water District for their review. Mr. Ruiz commented that there may be an update at the Committee meeting scheduled for February 2013.

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 he has spoken with the DCMA President concerning access for a power source to the District's reservoir from the storage area. Mr. Ruiz commented that he has reviewed the draft agreement, and has submitted his comments to DCMA. Discussion occurred concerning possible scenarios for use of power at the site and power capabilities.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 7: ON-GOING ENGINEERING PROJECTS

1. Dimension Water Treatment Plant Rehabilitation Project

Mr. Ruiz provided a status update on the project, and presented photographs of Filters No. 1, 2, and 3 for Committee review. Mr. Ruiz commented that the original cathodic protection for the filters required replacement and had to be added to this project. Areas requiring cathodic protection can only be accessed with the filter media removed and before any painting is performed, the cathodic protection represents an additional \$17,800 yet within the total project's budget. Discussion occurred concerning the testing and monitoring of the cathodic protection.

2. Trabuco Dam Surveillance and Improvement Project

Mr. Ruiz provided a status update on the project, and presented photographs of the Trabuco Dam service road. Mr. Ruiz commented that Gen Terra (Consultant) has visited the site and is preparing a proposal with costs for further evaluating the service road subsurface and the relocation of a Dam Benchmark, while adhering with the State Division of Dam Safety guidelines.

3. Other Projects

Mr. Ruiz advised there are no other projects to discuss at this time.

RECOMMENDED ACTION

Received status update, no action taken

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ITEM 8: 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 an additional lot has been completed, and that the water meter and concrete meter box were damaged during the construction process; the water meter has been repaired and the concrete meter box has been replaced at the developer's cost. Mr. Ruiz commented that the developer requested if an air vacuum valve can be relocated or concealed for aesthetic purposes. The District will be meeting with the developer to further discuss his request.

4. Fieldstone (8 DUs)

Mr. Ruiz commented that the water meters and concrete meter boxes for the homes have been provided to the developer for installation. Mr. Ruiz commented that District staff has inspected and approved the final installation of the meters and boxes, according to District specifications. Mr. Ruiz commented that this development has been designated for an Automatic Meter Read (AMR) Pilot Project, and staff will present the Committee a report on this matter in Item 12.

5. Other Active Developments

Mr. Ruiz commented that a single family residence has currently begun grading and construction on Hunky Dory Road, and the Developer will work with District staff to obtain a Will Serve Letter.

RECOMMENDED ACTION

Received status update. No actions taken.

ITEM 9: WATER SYSTEM STATUS

The Water Department Superintendent Mr. Neil McKenna presented the December 2012 Water System Status Update. Discussion occurred concerning the operation status of the Trabuco Creek Wells Facility.

RECOMMENDED ACTION

Received status update. No actions taken.

ITEM 10: WASTEWATER SYSTEM STATUS

The Wastewater Department Superintendent Mr. Kris Hanberg presented the December 2012 Wastewater System Status Update. The 2012 Sewer System Management Plan (SSMP) Report and the SSMP Program Annual Audit were presented to the Committee.

RECOMMENDED ACTION

Received status update. No actions taken.

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ITEM 11: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

No changes were made to the December 11, 2012 Engineering/Operational Committee Meeting Recap.

RECOMMENDED ACTION

The Engineering/Operational Committee recommended that the Board receive and file the December 11, 2012 Engineering/Operational Committee Meeting Recap (Consent Calendar).

ITEM 12: DISTRICT WATER METERS AND EMERGING TECHNOLOGY

The General Manager, Mr. Hector Ruiz commented that District staff has requested information and quotes from both Sensus and Neptune distribution vendors to review Automatic Meter Read (AMR) technology for a pilot project in the Fieldstone development in Trabuco Highlands. The Administrative Services Manager, Mr. Michael Perea presented information concerning the AMR water meters, software and hardware meter reading equipment. Discussion occurred concerning the potential benefits of the AMR technology to the District, and the composition of the water meters.

RECOMMENDED ACTION

The Engineering /Operational Committee recommended that staff bring the quotes for AMR Meters and meter reading equipment to the Board at the next Regular Board Meeting (Action Calendar).

ITEM 13: OTHER MATTERS/REPORTS

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

1. Mr. Ruiz commented that staff is currently reviewing the Plano Sewer Lift Station Rehabilitation Project, which includes the recoating of the wet well and the purchase of new sewer pumps.
2. Mr. Ruiz commented that staff is currently reviewing the Robinson Ranch Wastewater Treatment Plant Aeration System Rehabilitation Project scope of work and potential costs for implementation. Mr. Ruiz commented that a final scope of work will be presented to the Committee for review in February or March, 2013.

ADJOURNMENT

Committee Chair Safranski adjourned the January 8, 2013 Engineering/Operational Committee Meeting at 8:09 A.M.

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