

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
OCTOBER 9, 2012**

DIRECTORS PRESENT

Mike Safranski, Committee Chair
Ed Mandich, Committee Member

STAFF PRESENT

Hector Ruiz, Assistant General Manager/District Engineer
Michael Perea, Administrative Services Manager
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 October 9, 2012 Engineering/Operational Committee Meeting to order at 7:02 A.M.

VISITOR PARTICIPATION

No comments were received.

ORAL COMMUNICATION

No comments were received.

COMMITTEE MEMBER COMMENTS

There were no Committee Member comments.

REPORT FROM THE GENERAL MANAGER

The Assistant General Manager, Mr. Hector Ruiz commented that the General Manager, Mr. Don Chadd was not in attendance due to a scheduling conflict. Mr. Ruiz commented that staff had worked on the following line breaks:

1. Water Transmission Line Break on Live Oak Canyon Road as a result of external pipe joint corrosion. The Orange County Sheriff's Department closed down access to the road during the repair.
2. Dove Canyon Recycled Water Pump Station Line Break at the Robinson Ranch Wastewater Treatment Plant as a result of 30-year old corroded steel pump can enclosure. Recycled water service to Robinson Ranch and Trabuco Highlands was shut off.
3. Sewer Force Main Line Break at the access road to the Robinson Ranch Wastewater Treatment Plant. A portion of the sewage flow (approximately 300,000 gallons per day) was bypassed to

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
OCTOBER 9, 2012**

Santa Margarita Water District's Chiquita Wastewater Treatment Plant. There was no sewage spilled.

ITEM1: BAKER REGIONAL WATER TREATMENT FACILITY

The Assistant General Manager, Mr. Hector Ruiz provided a status update on the project and commented that Irvine Ranch Water District (IRWD) is currently working on the project's final design. Mr. Ruiz commented that IRWD is working on the multi-agency agreement language concerning capacity allotments in the Baker pipeline. Discussion occurred concerning TCWD's capacity in the facility.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 2: ALTERNATE RAW WATER TRANSMISSION LINE - PW79

The Assistant General Manager, Mr. Hector Ruiz commented that last month the District received a letter from FEMA stating the project was "eligible for funding". Mr. Ruiz commented that the project requires the completion of an Environmental Assessment as required by the National Environmental Policy Act (NEPA), and this was included in the scope of work by Tetra Tech. Mr. Ruiz recommended the authorization to complete Tetra Tech's Scope of Work Tasks Six through Eight to move in a timely manner. Discussion occurred concerning potholing costs.

RECOMMENDED ACTION

Received status update, and forward staff recommendation to the Board.

ITEM 3: PROPOSED SKYRIDGE RESIDENTIAL DEVELOPMENT

The Assistant General Manager, Mr. Hector Ruiz provided a status update on the development. Mr. Ruiz commented that the City of Mission Viejo is the lead agency preparing the Draft Environmental Impact Report (DEIR). Discussion occurred concerning operational storage at the development.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 4: EL TORO ROAD SEWER LIFT STATION AGREEMENT AMENDMENTS

The Assistant General Manager, Mr. Hector Ruiz provided a status update on this project. Mr. Ruiz commented that there was no new Amendment attached for Committee review because Santa Margarita Water District (SMWD) was revising the Amendment language; Mr. Ruiz commented that staff can expect a response in the coming weeks. Mr. Ruiz recommended that the Committee wait until receipt of the updated Amendments. Discussion occurred concerning sewer credit to Irvine Ranch Water District (IRWD) for the bypass of sewage flow to their facility.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
OCTOBER 9, 2012**

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 5: SHADOW ROCK DETENTION BASIN FACILITY PROJECT

The Assistant General Manager, Mr. Hector Ruiz commented that the project is moving forward and that staff has prepared a Request for Proposal (RFP) for Environmental and Engineering Services, and an updated project schedule. Mr. Ruiz commented that he intends to bring a recommendation for professional services at the following Committee meeting. Discussion occurred concerning project site grading and preparation work. Discussion occurred concerning District agreements, inter-agency cooperation, and project design.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 6: GOLF CLUB SEWER LIFT STATION UPGRADES AND REHABILITATION

The Assistant General Manager, Mr. Hector Ruiz commented that this is a new staff report. Mr. Ruiz commented on the recent visit by ACWA/JPIA which highlighted the importance of pressure vessel inspections. Mr. Ruiz commented that staff completed initial inspections of District pressure vessels with the representative and a separate third party inspection is to be scheduled. Mr. Ruiz commented that once he receives findings from the inspection, the upgrades to the surge control system may be revised. Discussion occurred concerning hydraulic issues and challenges.

RECOMMENDED ACTION

Received status update, no action taken.

ITEM 7: DIMENSION WATER TREATMENT PLANT REHABILITATION PROJECT

The Assistant General Manager, Mr. Hector Ruiz commented that this was a new staff report, and provided background on the Dimension Water Treatment Plant (DWTP). Mr. Ruiz commented that the DWTP's Filter 4 was completely rehabilitated in 2005 by ERS Industrial Services, Inc. Mr. Ruiz commented that Filters 1, 2, and 3 have received limited coating and rehabilitation work, primarily to areas accessible to staff. Mr. Ruiz commented that staff has obtained historical bids and received a cost proposal from ERS Industrial Service, Inc., for the project, and recommended the approval of the proposal for the rehabilitation of Filters 1, 2, and 3 for a not to exceed amount of \$103,100.00.

RECOMMENDED ACTION

Received status update, and forward staff recommendation to the Board.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
OCTOBER 9, 2012**

ITEM 8: ON-GOING ENGINEERING PROJECTS

1. Reservoir Analysis

Mr. Ruiz commented that staff is working with Psomas to conduct a District-wide study of existing and planned reservoirs, including future developments. Mr. Ruiz commented that this project will be placed on hold pending the outcome of reservoir storage for Sky Ridge Development by Santa Margarita Water District. Discussion occurred concerning inter-agency agreement on the Sky Ridge Development and water delivered through the District's capacity ownership in the Allen-McCollough Pipeline.

2. Other Projects

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

RECOMMENDED ACTION

Received status update, no action taken

ITEM 9: ACTIVE DEVELOPMENTS

1. Saddle Crest Homes (65 DUs)

The Assistant General Manager, Mr. Hector Ruiz commented the Sub-Area Master Plan (SAMP) has been submitted, and the District is waiting for a Will Serve Letter request from the Developer.

2. Skyridge Development (84 DUs)

The Assistant General Manager commented that this matter was discussed at Item 3.

3. Oaks at Trabuco

Mr. Ruiz commented that there is no update on this development.

4. Fieldstone

Mr. Ruiz commented that staff have purchased and delivered a recycled water meter to the developer for installation. Staff will inspect the final installation of the meter to ensure it conforms with District standards.

5. Other Active Developments

None at this time.

RECOMMENDED ACTION

Received status update. No actions taken.

ITEM 10: WATER SYSTEM STATUS

The Water Department Superintendent Mr. Neil McKenna provided the September 2012 Water System Status Update. Discussion occurred concerning the Dimension Water Treatment Plant and the State Department of Public Health's revision of the influent raw water maximum coliform levels.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
OCTOBER 9, 2012**

RECOMMENDED ACTION

Received status update. No actions taken.

ITEM 11: WASTEWATER SYSTEM STATUS

The Assistant General Manager, Mr. Hector Ruiz commented that Wastewater Department Superintendent Mr. Kris Hanberg was not in attendance due to pipeline repairs. Mr. Ruiz presented the September 2012 Wastewater System Status Update.

RECOMMENDED ACTION

Received status update. No actions taken.

ITEM 12: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

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

RECOMMENDED ACTION

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

ITEM 13: OTHER MATTERS/REPORTS

The Assistant General Manager, Mr. Hector Ruiz commented that there were no other matters or reports.

ADJOURNMENT

Committee Chair Safranski adjourned the October 9, 2012 Engineering/Operational Committee Meeting at 7:51 a.m.

M:\ENGINEERING Agendas Staffs Recaps\ENG RECAPS\RECAPS 2012\October 9, 2012 Engineering Recap **APPROVED**