

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
DECEMBER 11, 2012**

**DIRECTORS PRESENT**

Mike Safranski, Committee Chair  
Ed Mandich, Committee Member

**STAFF PRESENT**

Don Chadd, Advisory General Manager  
Hector Ruiz, Acting General Manager/District Engineer  
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 December 11, 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**

Committee Member Safranski commented on a letter he received from the Board of Directors of Mesa Water District.

**REPORT FROM THE GENERAL MANAGER**

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

1. Mr. Ruiz commented that the Dove Center Property Management Company had notified the District that there would be improvements made to the concrete paving at the entrance to the shopping center over the course of the next few weeks. Discussion occurred concerning the encroachment on the District's property and the Dove Center Property Management Company management of the work.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
DECEMBER 11, 2012**

2. Mr. Ruiz commented on the information discussed at the City of Rancho Santa Margarita's Pre-Construction Meeting for the Robinson Ranch Road Improvement/Traffic Calming Project. Discussion occurred concerning this project's proximity to the District's transmission line.

**ITEM1: BAKER REGIONAL WATER TREATMENT FACILITY**

---

The Acting General Manager, Mr. Hector Ruiz provided a status update on the project and commented that Irvine Ranch Water District (IRWD) is holding the next project meeting on Thursday to discuss and review the final project design. Discussion occurred concerning having a workshop to review the project and its final costs after the bids are received.

**RECOMMENDED ACTION**

Received status update, no action taken.

**ITEM 2: ALTERNATE RAW WATER TRANSMISSION LINE - PW79**

---

The Acting General Manager, Mr. Hector Ruiz provided a status update on the project and commented that Tetra Tech has prepared sections of the project Environmental Assessment and is completing the funding analysis, per Federal Emergency Management Agency's (FEMA) format. Mr. Ruiz commented that staff is currently reviewing the funding analysis. Mr. Ruiz commented that when the final version of the funding analysis is submitted to FEMA, the District can expect a response approximately one to two months later. Mr. Ruiz commented that the Executive Summary of the funding analysis will be presented to the Board in the staff report. Discussion occurred concerning field surveying of the project site, and a description of the alternative transmission line options.

**RECOMMENDED ACTION**

Received status update, no action taken.

**ITEM 3: SHADOW ROCK DETENTION BASIN FACILITY PROJECT**

---

The Acting General Manager, Mr. Hector Ruiz provided a status update on the project and commented that the project is on schedule at this time. Mr. Ruiz commented that the project agreement has been reviewed by District Legal Counsel, and submitted to URS (Consultant). Discussion occurred concerning project notification to residents adjacent to the project site and coordination with the Trabuco Highlands Community Association.

**RECOMMENDED ACTION**

Received status update, no action taken.

**ITEM 4: GOLF CLUB SEWER LIFT STATION UPGRADES AND REHABILITATION**

---

The Acting General Manager, Mr. Hector Ruiz provided a status update on this project and commented that staff is waiting for the manufacturer tank drawings and specifications. Mr. Ruiz commented that the surge tank analysis is complete, and discussed the tank re-rating process to the Committee.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
DECEMBER 11, 2012**

Discussion occurred concerning the possibility of purchase of a new surge tank for the sewer lift station.

**RECOMMENDED ACTION**

Received status update, no action taken.

**ITEM 5: EL TORO ROAD SEWER LIFT STATION AGREEMENT AMENDMENTS**

The Acting General Manager, Mr. Hector Ruiz commented that there was no new or additional information concerning this matter at this time. Mr. Ruiz commented that Santa Margarita Water District (SMWD) is currently reviewing comments on the agreement.

**RECOMMENDED ACTION**

Received status update, no action taken.

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

The Acting General Manager, Mr. Hector Ruiz provided a status update on this matter and commented that staff is in receipt and reviewing draft agreement language. Mr. Ruiz commented that he is reviewing available legal descriptions from the Dove Reservoir/Trabuco Highlands Reservoir Inter-Tie Project for possible incorporation in the proposed agreement, and that District Legal Counsel will review the final draft agreement prior to submittal. Discussion occurred concerning additional opportunities and scenarios for shared services with DCMA.

**RECOMMENDED ACTION**

Received status update, no action taken.

**ITEM 7: ON-GOING ENGINEERING PROJECTS**

**1. Dimension Water Treatment Plant Rehabilitation Project**

Mr. Ruiz commented that the contractor ERS has signed the Agreement for Services, and that a Notice to Proceed letter is to be prepared for this project pending receipt of insurance certificates. Mr. Ruiz commented that a Pre-Construction Meeting date has been scheduled, and the project will require replacement of the cathodic protection for the filter tanks. Mr. Ruiz commented that more information will be presented at the January 2013 Committee Meeting.

**2. Trabuco Dam Overlay**

Mr. Ruiz commented that he is in receipt of a proposal for services from Genterra (Consultant), the engineers involved with the Dam's design. The Consultant's proposal included for the pavement repair and benchmark relocation at the Trabuco Dam (Dam). Mr. Ruiz commented that the relocation of the benchmark is required by the State. The pavement repair is primarily for preventative maintenance of the Dam's crest. Discussion occurred concerning the condition of the Dam; Director Mandich

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
DECEMBER 11, 2012**

requested that photos of the Dam's current condition be presented at the January 2013 Committee Meeting.

3. Other Projects

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

**RECOMMENDED ACTION**

Received status update, no action taken

**ITEM 8: ACTIVE DEVELOPMENTS**

---

1. Saddle Crest Homes (65 DUs)

Mr. Ruiz commented that the District was in receipt of a Writ of Mandate filed against the County of Orange and Rutter Development. The District received a formal notice because it is listed as the utility for water and sewer service to the proposed development. Mr. Ruiz commented that the project is currently on hold.

2. Skyridge Development (84 DUs)

Mr. Ruiz commented that there was a Public Hearing at the City of Mission Viejo City Hall the previous evening concerning this project.

3. Oaks at Trabuco (9 DUs)

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

4. Fieldstone (8 DUs)

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

5. Other Active Developments

None at this time.

**RECOMMENDED ACTION**

Received status update. No actions taken.

**ITEM 9: WATER SYSTEM STATUS**

---

The Water Department Superintendent Mr. Neil McKenna provided the November 2012 Water System Status Update. Discussion occurred concerning District water sales.

**RECOMMENDED ACTION**

Received status update. No actions taken.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
DECEMBER 11, 2012**

**ITEM 10: WASTEWATER SYSTEM STATUS**

---

The Wastewater Department Superintendent Mr. Kris Hanberg provided the November 2012 Wastewater System Status Update. Discussion occurred concerning Dove Lake and the reclaimed water sales to Santa Margarita Water District for use in their Portola Reservoir.

**RECOMMENDED ACTION**

Received status update. No actions taken.

**ITEM 11: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP**

---

No changes were made to the November 13, 2012 Engineering/Operational Committee Meeting Recap.

**RECOMMENDED ACTION**

The Engineering/Operational Committee recommended that the Board receive and file the November 13, 2012 Engineering/Operational Committee Meeting Recap (Consent Calendar).

**ITEM 12: OTHER MATTERS/REPORTS**

---

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

1. Mr. Ruiz commented that both he and Mr. Kris Hanberg attended a member agency meeting at the South Orange County Wastewater Authority (SOCWA) to discuss the impacts of sludge hauling at the Prima Deshecha landfill. Discussion occurred concerning landfill capacity.
2. Mr. Ruiz commented on the SOCWA Stakeholder Meeting concerning Salt/Nutrient Discharge Limits. Discussion occurred concerning the District Permit and Discharge limits.
3. Mr. Ruiz commented on the upcoming WaterReuse Association Meeting which will discuss the topic of Direct/Indirect Potable Water Reuse. Discussion occurred concerning available grant funds for related projects.

**ADJOURNMENT**

Committee Chair Safranski adjourned the December 11, 2012 Engineering/Operational Committee Meeting at 7:37 A.M.

M:\ENGINEERING Agendas Staffs Recaps\ENG RECAPS\RECAPS 2012\December 11, 2012 Engineering Recap **APPROVED**