

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
NOVEMBER 4, 2015**

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**DIRECTORS PRESENT**

Edward Mandich, Committee Chair  
Stephen Dopudja, Committee Member

**STAFF PRESENT**

Hector Ruiz, General Manager  
Michael Perea, District Secretary  
Lorrie Lausten, Engineer  
Kris Hanberg, Wastewater Department Chief Plant Operator  
Gary Kessler, Water Department Chief Plant Operator  
Bob Beck, Maintenance Superintendent  
Lisa Carmouche, Administrative Assistant

**PUBLIC PRESENT**

There were no members of the public present.

**CALL MEETING TO ORDER**

Director Mandich called the November 4, 2015, Engineering/Operational Committee Meeting to order at 7:00 AM.

**VISITOR PARTICIPATION**

No comments were received.

**ORAL COMMUNICATION**

No comments were received.

**COMMITTEE MEMBER COMMENTS**

Director Dopudja had no comments.

Director Mandich had no comments.

**REPORT FROM THE GENERAL MANAGER**

Mr. Ruiz reported the following matters:

- Mr. Ruiz reported that the Municipal Water District of Orange County (MWDOC) Elected Officials Forum had been scheduled for Thursday, November 5, 2015. Discussion occurred concerning MWDOC's Orange County Water Reliability Study.
- Mr. Ruiz reported that he planned to attend the South Orange County Wastewater Authority (SOCWA) Cost Allocation Workshop Meetings (Workshops) to review member agency cost shares, and that the Workshops are expected to take place between December and January. Mr. Ruiz added that the District has a small role with SOCWA, but there may be a shared cost increase in the future.

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**ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP**

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Mr. Ruiz presented the October 7, 2015, Engineering/Operational Committee Meeting Recap for Committee review. There were no comments received.

**RECOMMENDED ACTION**

The Committee recommended that the Board receive and file the October 7, 2015, Engineering/ Operational Committee Meeting Recap (Consent Calendar).

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

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Mr. Ruiz provided a status update on this project, and mentioned that District staff has updated California Office of Emergency Services (CalOES) on the acceptance and approval of the Southern California Edison (SCE) Real Properties Response Consent Letter (Exhibit 1). Mr. Ruiz added that he had submitted a formal request to CalOES to extend the project completion date to April 2017 due to additional tasks recommended by Tetra Tech and matters that are beyond the District's control. Discussion occurred concerning the project schedule and timeline for completion; Mr. Ruiz reviewed the revised project schedule, and highlighted the scheduled environmental completion date and anticipated date of Congress approval of reimbursable costs. Discussion occurred concerning possible winter season impacts to the pipeline; Mr. Ruiz mentioned that there has been some erosion as a result of the recent rain events, and that District staff routinely monitors the site.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 3: BAKER WATER TREATMENT FACILITY**

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Mr. Ruiz provided a status update on this project, and presented the Baker Water Treatment Plant Construction Report for October 2015 for Committee review. Mr. Ruiz mentioned that the Project Committee (PC) Meeting scheduled for October 8, 2015 was cancelled, and had been rescheduled for November 12<sup>th</sup>. Mr. Ruiz added that the District received the quarterly deposit request from Irvine Ranch Water District (IRWD).

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECTS**

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1. Recycled Water Conversion Project Opportunities

Mr. Ruiz provided a status update for this project, and mentioned that District staff has met with the owner of the TY Nursery to discuss the proposed recycled water conversion project and the planned installation location of the recycled water meter. Ms. Lausten mentioned that the Notice of Exemption for the project has been filed with the County of Orange, and that District staff is currently preparing the traffic control plan for the project site.

2. Urban Water Management Plan

Ms. Lausten provided a status update for this project, and mentioned that District staff is currently in the data collection stage of the project. Ms. Lausten mentioned that a Draft UWMP will be prepared for review in January, 2016.

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3. Domestic Water Storage and Reservoir Site Feasibility Study  
Ms. Lausten mentioned that District staff has begun working with Psomas (Consultant) on the Study. Ms. Lausten commented that there were no other updates at this time.

**RECOMMENDED ACTION**

The Committee received the status update(s), no action taken.

**ITEM 5: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING THE PLANO TRABUCO DEVELOPMENT, WILLIAM LYON HOMES, INC., CITY OF RANCHO SANTA MARGARITA (36 UNIT TRIPLEX BUILDING DESIGN)**

Mr. Ruiz provided a status update on this matter to the Committee, and mentioned that the developer has submitted the first set of plans for District staff review. Ms. Lausten commented that the developer will be conducting potholing on Plano Trabuco Road during the week of November 9, 2015, and is tentatively scheduled to begin project site grading the following month. Discussion occurred concerning the planned Via Allegre Sewer Lift Station upgrades and project challenges. Mr. Ruiz added that District staff is currently determining a location for a recycled water wharf head hydrant connection for construction water use, and that District staff will coordinate with the City of Rancho Santa Margarita for permitting purposes.

**RECOMMENDED ACTION**

The Committee received the status update(s), no action taken.

**ITEM 6: SKYRIDGE DEVELOPMENT (84 DUs)**

Mr. Ruiz provided a status update on this development, and reviewed the Major Project Tasks Remaining. Mr. Ruiz mentioned that District staff met with Santa Margarita Water District (SMWD) concerning the Inter-Agency Agreement for the potable water inter-tie and connection to the recycled water system. Mr. Ruiz commented that District staff has critically reviewed the submitted Proposals for Construction Inspection Services and worked to renegotiate the proposed costs. Ms. Lausten reviewed the proposals and associated costs with the Committee. Mr. Ruiz commented that District staff will make a formal recommendation for Board approval at the December 16, 2015 Regular Board Meeting.

**RECOMMENDED ACTION**

The Committee received the status update(s), no action taken.

**ITEM 7: SADDLE CREST DEVELOPMENT**

Mr. Ruiz mentioned that District staff met with the developer last month to review the Sub Area Master Plan (SAMP), and there were no other project updates at this time. Discussion occurred concerning the impacts of the new Model Water Efficiency Landscape Ordinance (MWELO) on the development's planned water demands and the impacts on the Sub Area Master Plan.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 8: ACTIVE DEVELOPMENTS**

1. Summerfield Homes, County of Orange – Tract 15800 (5 DUs | WSL)  
Ms. Lausten provided a status update on this development, and highlighted the sewer force main design update. Ms. Lausten mentioned that District staff worked with District Legal Counsel to discuss the District's Application for Service specific to the disclosure of the Summerfield development's private sewer system(s) on the document. Ms. Lausten had no other comments related to this development.

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2. Oaks at Trabuco, County of Orange (9 DUs | WSL)

Ms. Lausten commented that there was no update on this development.

3. Other Active Developments

Ms. Lausten commented that there were no other active developments for discussion.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 9: WATER SYSTEM STATUS**

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Mr. Kessler presented the Water System Status Update through October, 2015, and reported on the following matters:

- Water Department staff repaired two water services; one at 35 Banstead in Dove Canyon, and another at 20401 Sycamore Lane in Trabuco Canyon.
- Water Department rehabilitated pressure reducing valves in the District's service area; one at Mountain View and another at North Street.

Mr. Kessler provided an updated Monthly Water System Operations Summary report for October, 2015, for Committee review, and provided additional information for calendar year 2013 for comparison purposes. Discussion occurred concerning the current conservation efforts of District customers; Mr. Kessler mentioned that the District's customers have reduced their use by approximately 31% for the month of October 2015 in comparison with October 2013. Discussion occurred concerning the District's cumulative conservation efforts since June, and the impact of the two-day watering schedule. Mr. Ruiz highlighted planned capital projects to assist the District to continue to meet the State Water Board mandated Conservation Standard. Discussion occurred concerning the expected winter weather patterns and associated challenges through the end of calendar year 2015.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 10: WASTEWATER SYSTEM STATUS**

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Mr. Hanberg presented the Wastewater System Status Update through October, 2015, and reported on the following matters:

- Wastewater Department staff completed the cleaning of District's Sanitary Sewer System.
- Wastewater Department staff spread Copper Sulfate on Dove Lake for algae control.
- Wastewater Department staff cleaned and cleared Porter Property roads.
- Wastewater Department staff installed 400 feet of conduit and wire for Robinson Ranch Recycled Water reservoir aerator installation.
- Wastewater Department staff repaired the waste activated sludge line at the Robinson Ranch Wastewater Treatment Plant.
- Wastewater Department staff directed and oversaw O'Connell Landscape & Maintenance perform the brush clean up the Robinson Ranch WWTP access road.

Mr. Hanberg provided an updated Monthly Recycled Water System Operations Summary for October, 2015, for Committee review, and highlighted the recycled water usage by Sakaida nursery. Discussion occurred

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concerning projects completed by the Wastewater Operations Department, which included the Robinson Ranch Wastewater Treatment Plant access road clean up and the application of the Recycled Water Reservoir aerators.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 11: OTHER MATTERS/REPORTS**

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Mr. Ruiz had no other matters or reports.

**ADJOURNMENT**

Mr. Mandich adjourned the November 4, 2015, Engineering/Operational Committee Meeting at 8:02 AM.