

**TRABUCO CANYON WATER DISTRICT
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP
MAY 6, 2015**

DIRECTORS PRESENT

Edward Mandich, Committee Chair
James Haselton, Committee Alternate

DIRECTORS ABSENT

Stephen Dopudja, Committee Member

STAFF PRESENT

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

PUBLIC PRESENT

There were no members of the public present.

CALL MEETING TO ORDER

Mr. Mandich called the May 6, 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

Mr. Haselton commented on the statewide drought impacts on agricultural users and environmentally-related issues.

Mr. Mandich commented on his attendance at the Santa Margarita Water District Water Awareness Event, and mentioned that it was a successful event. Discussion occurred concerning the planned District Water Awareness Event on Saturday, May 30, 2015.

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REPORT FROM THE GENERAL MANAGER

Mr. Ruiz reported the following matters:

- Mr. Ruiz mentioned that District staff submitted a response to the State Water Board's proposed emergency drought regulations which requested their acknowledgement and credit for the use of potable water for fuel modification zones and the use of recycled water for indirect potable reuse. Mr. Ruiz added that a public hearing was held the prior day and that some South Orange County water agency representatives were in attendance and commented at the meeting. Discussion occurred concerning the State Water Board emergency drought regulations, and the monthly reporting methodology for water agencies.
- Mr. Ruiz mentioned that Wastewater Operations staff is currently reviewing ELAP Certification for the lab at the Robinson Ranch Wastewater Treatment Plant (WWTP).

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

Mr. Ruiz presented the April 1, 2015, Engineering/Operational Committee Meeting Recap for Committee review. There were no comments received.

RECOMMENDED ACTION

Committee Chair Mandich and Mr. Perea recommended that the Board receive and file the April 1, 2015, Engineering/ Operational Committee Meeting Recap (Consent Calendar).

ITEM 2: DIMENSION WATER TREATMENT PLANT – CLEARWELL TANK REPLACEMENT

Mr. Ruiz provided a status update on this project. Mr. Kessler reviewed the project photos with the Committee, and mentioned that an incident with a Superior Tank Company (Contractor) employee occurred on the final day of the project. Mr. Kessler added that CalOSHA completed an onsite inspection specific to the Contractor's employees and job site the following day, which included interviews of the Contractor's employees. Discussion occurred concerning the importance of onsite safety plans and inspections.

RECOMMENDED ACTION

The Committee received the status update, and recommended that the Board of Directors direct District staff to file a Project Notice of Completion (Action Calendar).

ITEM 3: TRABUCO DAM AND RESERVOIR, NO. 2030-2, ORANGE COUNTY

Mr. Ruiz presented this project for Committee review, and mentioned that the Trabuco Dam and Reservoir is inspected annually by the State Division of Dam Safety. Mr. Ruiz reviewed project photos with the Committee, and highlighted the damaged areas of the V-Ditch which need to be repaired/replaced. Discussion occurred concerning the scope of the project and proposed project costs. Ms. Lausten commented that District staff has received three proposals for the repair/replacement, and that District staff recommends J. RDMMAC Inc. for \$22,860.

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RECOMMENDED ACTION

The Committee received the status update, and recommended that the Board of Directors approve the contract to J. RDMMAC Inc. for an amount not to exceed \$22,860 (Action Calendar).

ITEM 4: SHADOW ROCK DETENTION BASIN FACILITY PROJECT

Mr. Ruiz provided a status update on this project, and added that the only major remaining project task is the connection from Southern California Edison (SCE) for electrical power. Ms. Lausten mentioned that District staff are scheduled to complete the hydroseeding and planting the following week, and reviewed project status photos for Committee review. Discussion occurred concerning basin depth and the amount of captured rain water from the recent rain event. Ms. Lausten mentioned that District staff has received the first Proposition 84 reimbursement check from the State in the amount of approximately \$46,000. Discussion occurred concerning the Proposition 84 funding and reimbursement process. Mr. Ruiz added that District staff is working with Thomas Communication Group for a ceremony scheduled for July 10, 2015, and reviewed preliminary event plans.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 5: ALTERNATE RAW WATER TRANSMISSION LINE - PW79

Mr. Ruiz provided a status update on this project, and reviewed the DRAFT SCE Easement Procurement Schedule of Events with the Committee. Mr. Ruiz mentioned that District staff and the Contract Appraiser met with the affected property owners and SCE to complete the Site Meeting. Mr. Ruiz added that Tetra Tech is currently working on the preliminary figure showing the easements for presentation to the Board at the June Regular Board Meeting. Discussion occurred concerning the Tetra Tech Preliminary Design Technical Memorandum, Figure No. 2. Mr. Ruiz presented the Temporary Emergency Bypass Plan for Committee review, and mentioned that Tetra Tech prepared the Plan and District staff is coordinating a meeting with a contractor to review the Plan. Mr. Ruiz added that District staff would order materials with long lead times and accessibility challenges in order to be prepared for an emergency. Mr. Mandich commended District staff for the project updates and the preparation of the Temporary Emergency Bypass Plan.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 6: BAKER WATER TREATMENT FACILITY

Mr. Ruiz provided a status update on this project, and mentioned that the Project Committee is scheduled to meet on May 14, 2015. Mr. Ruiz mentioned that Irvine Ranch Water District has a planned tour of the facility for elected officials scheduled for June 23, 2015.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

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ITEM 6: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Aerobic Digester Sludge/Decant Pump Replacement

Mr. Ruiz provided a status update on this project, and mentioned that District staff is currently reviewing preliminary design work for the pump station and will be evaluating completion of this project in fiscal year 2015/2016.

2. Administrative Facility Parking Lot Resurfacing and Restriping

Mr. Ruiz provided a status update on this project, and mentioned that the project has been completed. Discussion occurred concerning the quality of the completed project and the timeliness of its completion prior to the Water Awareness Event on May 30, 2015.

3. Other Projects

Mr. Ruiz commented there were no other engineering and operations projects.

RECOMMENDED ACTION

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

ITEM 8: SKYRIDGE DEVELOPMENT (84 DUs)

Mr. Ruiz commented that there were no updates on this development, and mentioned that District staff is currently coordinating with Santa Margarita Water District (SMWD) on the development of a Memorandum of Understanding or a letter of commitment and DRAFT Developer Agreement. Discussion occurred concerning the current status of the development and site challenges.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 9: ACTIVE DEVELOPMENTS

1. Summerfield Homes, County of Orange – Tract 15800 (5 DUs | WSL)

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

2. Plano Trabuco Development, William Lyon Homes, Inc., City of Rancho Santa Margarita (36 unit triplex building design)

Mr. Ruiz mentioned that District staff was contacted by the Developer concerning the possibility of purchasing the water meters for the units. Mr. Ruiz added that District staff reviewed the Sub Area Master Plan (SAMP) and Will Serve Letter process with the Developer. At this time, the District is awaiting receipt of comments to the DRAFT SAMP from the Developer.

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

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

4. Other Active Developments

Mr. Ruiz mentioned that District staff has met with the Saddle Crest Developer to discuss the fuel modification zones and total water demand per lot. Discussion occurred concerning the possible

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impacts of the State Water Board emergency regulations; Mr. Ruiz mentioned that the Developer is currently reviewing the planned water demands for the community.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 10: WATER SYSTEM STATUS

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

- Water Department staff removed a leaking 6-inch pipeline end cap on Sierra Peak in Portola Hills.
- Water Department staff replaced two 1-inch service line breaks in Rancho Cielo.
- Water Department staff repaired a fire hydrant that was struck by a vehicle on Bell Canyon Drive in Dove Canyon.
- Water Department staff installed 16-inch effluent piping for the Clearwell Tank Replacement project at the Dimension Water Treatment Plant, including collecting water samples and returning the DWTP to normal operation.

Mr. Kessler provided an updated Monthly Water System Operations Summary report for April, 2015, for Committee review, and provided additional reports for calendar years 2014 and 2013. Discussion occurred concerning the damaged fire hydrant in Dove Canyon and the service line repairs in Rancho Cielo.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 11: WASTEWATER SYSTEM STATUS

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

- Wastewater Department staff painted over the graffiti at the Shadow Rock Detention Basin Facility.
- Wastewater Department staff installed a berm around Pond No. 2 at Shadow Rock Detention Basin Facility.
- Wastewater Department staff installed an 8-inch pipe into the storm drain at Shadow Rock Detention Basin Facility.
- Wastewater Department staff performed routine maintenance and dredged out Dove Creek basin.

Mr. Hanberg mentioned that the Wastewater Operations Department recently completed pipeline and pump improvements at the Via Allegre Sewer Lift Station. Mr. Hanberg provided an updated Monthly Recycled Water System Operations Summary for April, 2015, for Committee review, and presented the Sewer System Management Plan Quarterly Report for the first quarter of 2015. Discussion occurred concerning the District's Sewer System Management Plan reporting process.

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RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 12: DISCUSSION AND POSSIBLE ACTION CONCERNING TCWD'S FISCAL YEAR 2014/2015 & 2015/2016 GENERAL AND CAPITAL IMPROVEMENT PROJECT (CIP) BUDGETS

Mr. Ruiz provided a status update on this matter, and provided a handout of the Fiscal Year 2014/2015 Capital Improvement Program (CIP). Mr. Ruiz mentioned that District staff has reviewed the remaining projects to be completed, and determined to postpone certain projects in order to cut costs from anticipated revenue reductions due to the drought and to focus on the planned comprehensive rate study. Mr. Ruiz reviewed the status of scheduled Major Repairs/Expenses which included items that require completion but will be postponed until the following year, such as the Administration Building Coating and Plano/Bell Canyon/Via Allegre/NEQ Rehabilitation/Recoating projects. Mr. Ruiz presented a DRAFT Fiscal Year 2015/2016 CIP handout for Committee review. Discussion occurred concerning Major Repairs/Expenses and planned improvements.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 13: OTHER MATTERS/REPORTS

Mr. Ruiz commented there were no other matters or reports.

ADJOURNMENT

Mr. Mandich adjourned the May 6, 2015, Engineering/Operational Committee Meeting at 8:36 AM.