



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | AUGUST 3, 2016

DIRECTORS PRESENT

Edward Mandich, Committee Chair
Glenn Acosta, Committee Member Alternate

DIRECTORS ABSENT

Stephen Dopudja, Committee Member

STAFF PRESENT

Hector Ruiz, General Manager
Michael Perea, District Secretary
Lorrie Lausten, Engineer
Lisa Sangi, Administrative Assistant
Kris Hanberg, Wastewater Department Superintendent
Gary Kessler, Water Department Chief Plant Operator
Jason Stroud, Maintenance Technologist II

PUBLIC PRESENT

There were no members of the public present.

CALL MEETING TO ORDER

Director Mandich called the August 3, 2016, 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 Mandich commented on the passing of Director Haselton by saying that he will be greatly missed, and added that Director Haselton always had a great story to share with the fellow Directors and District staff.

Director Acosta commented on the passing of Director Haselton by saying that he was a decent man who will be missed, and dedicated the meeting in Director Haselton's honor and memory.

REPORT FROM THE GENERAL MANAGER

Mr. Ruiz reported that Mr. Gary Kessler had been promoted to the position of Water Operations Superintendent. The Committee congratulated Mr. Kessler on the promotion.

ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

The July 6, 2016, Engineering/Operational Committee Meeting Recap was presented to the Committee.

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RECOMMENDED ACTION

Director Mandich and Mr. Perea approved the meeting recap and recommended that the Board receive and file the July 6, 2016, Engineering/Operational Committee Meeting Recap (Consent Calendar).

ITEM 2: ALTERNATE RAW WATER TRANSMISSION LINE - PW79

Mr. Ruiz provided a status update on this project, and provided an updated Project Schedule for Committee review and discussion. Mr. Ruiz said that District staff has received all of the project-related easements with the private property owners, and currently have two of the three public property owner easements. Mr. Ruiz added that the acquisition of the final easement will likely occur at the end of August, and that District staff are coordinating with Tetra Tech (Consultant) on the Federal Emergency Management Agency (FEMA) requirements for the final design. Discussion occurred concerning the bid phase of the project; Mr. Ruiz said that District staff will complete the Requests for Proposal this month, and expect to bid the project sometime in September, 2016. Mr. Ruiz added that he will work with Thomas Communications for project-related outreach during construction through project completion in April, 2017.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 3: BAKER WATER TREATMENT FACILITY

Mr. Ruiz provided a status update on this project, and said that the Project Committee Meetings for July and August were cancelled. Mr. Ruiz said that the major contract change orders have been resolved, and that Irvine Ranch Water District (IRWD) is planning a Project Celebration on October 25, 2016 at 10:00 AM. Mr. Ruiz reviewed the project-related quitclaim deeds and grant of easement received from IRWD with the Committee.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 4: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING THE SAN JUAN BASIN SALT AND NUTRIENT MANAGEMENT PLAN – MONITORING AND DATA COLLECTION

Mr. Ruiz provided a status update on this project, and said that the District's monitoring and data collection scope had been approved by the Board of Directors last month. Mr. Ruiz reviewed the Salt and Nutrient Monitoring Plan (Plan) Locations and the First Year Implementation Costs (Exhibit) which demonstrated that the District would burden a shared cost in the amount of \$12,000 for the preparation of the report. Discussion occurred concerning possible future participation in the San Juan Basin Authority and the potential overall benefits to the District; Mr. Ruiz said that the District would benefit from the mandated groundwater management and planning requirements and their input on recycled water permitting requirements. Mr. Ruiz mentioned that the data would be part of a report required by the South Orange County Wastewater Authority (SOCWA), and then submitted to the State Water Board. Mr. Ruiz said that the District's share of the costs to prepare the report is based on recycled water production as reported by the District to SOCWA.

RECOMMENDED ACTION

The Committee received the status update and recommended that the matter be forwarded to the Board of Directors for review (Action Calendar).

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ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECTS

1. Plano Sewer Lift Station Wet Well and Robinson Ranch Wastewater Treatment Plant Influent Equalization Basin Recoating Projects

Mr. Ruiz provided a status update on this project, and reported that these projects have been completed. Ms. Lausten presented photos of the project work at Plano Trabuco Sewer Lift Station (Plano) and the Robinson Ranch Wastewater Treatment Plant Influent Equalization Basin (NEQ). Ms. Lausten said that the Plano project required that District staff replace several ancillary piping brackets due to corrosion, and that the NEQ project was a two-step process which included mortar repair and the overnight application of the epoxy coating. Mr. Ruiz added that the work includes a one-year warranty.

2. Other Projects

Mr. Ruiz reported that the District has received a bill from Southern California Edison (SCE) related to the Shadow Rock Detention Basin project per agreement. Mr. Ruiz said that the initial cost for the installation of the power pole, pad, and pedestal for the project was approximately \$1,000, which was based on an agreed anticipated electrical usage at the facility. Mr. Ruiz added that the facility has not used as much electricity as originally planned, and as such, SCE has submitted a bill for approximately \$20,000 for the costs to cover the installation of the power pole, pad, and pedestal.

RECOMMENDED ACTION

The Committee received the status update, and recommended that District staff update the Finance/Audit Committee with the information concerning the Southern California Edison bill related to the Shadow Rock Detention Basin Facility.

ITEM 6: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING DAHLIA COURT DEVELOPMENT (36 DUs)

Mr. Ruiz provided a status update on this matter to the Committee, and said that the Property Owner of the adjacent shopping center has executed the development-related easements. Mr. Ruiz added that the District initially filed a Motion of Order for Possession (Motion) due to the fact that the other involved parties, which are required signers, had not signed the consent for the easements. Mr. Ruiz reported that since the filing of the Motion that some of the other parties have taken action to execute the consent for the easements. Mr. Ruiz added that once the executed easements are received that the District will present them to the Board for approval and subsequent recording with the Office of the County of Orange Recorder. Mr. Ruiz said that the water and sewer connections have not been completed through the parking lot.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 7: DISCUSSION AND POSSIBLE ACTION(S) CONCERNING SADDLE CREST DEVELOPMENT (65 DUs)

Mr. Ruiz provided a status update on this development, and said that District staff is currently working on the calculations for the sewer reimbursement costs associated with the proposed connection to the existing sewer main in that area, as required by an existing settlement agreement with the neighboring development by Zadeh. Mr. Ruiz added that he has not received the Reservoir Pre-Design Technical Memorandum from the developer to date. Mr. Ruiz said that he is working with the Saddleback Meadows developer to acquire previously prepared plans for the Ridgeline Booster Pump Station in an effort to save time and engineering costs to all parties, including the District. Mr. Ruiz mentioned that upgrades to the Ridgeline Booster Pump Station are necessary to provide pumping capacity to the development and new reservoir.

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RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 8: ACTIVE DEVELOPMENTS

1. Skyridge Development (84 DUs | WSL)

Ms. Lausten reported that there were no status updates on this development.

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

Ms. Lausten provided a status update on this development, and reported that she has provided the developer with a punch list of outstanding items for completion.

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

Ms. Lausten had no updates on this development.

4. Other Active Developments

None

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 9: WATER SYSTEM STATUS

Mr. Kessler presented the Water System Status Update through July, 2016, and reported on the following matters:

1. Water Department staff replaced a one-inch residential angle stop on Indian Pipe.
2. Water Department staff replaced a one-inch residential angle stop on Golf Ridge Drive.
3. Water Department staff worked with Engineering to update the District's Digital Water Atlas Maps.
4. Water Department staff identified possible conflicts with County of Orange road improvement plans for Live Oak Canyon Road, and anticipates future work with the County to relocate planned barricades in a manner to avoid the District's major pipelines in the area.
5. Water Department staff responded to an emergency service lateral line break on Trabuco Oaks Drive.
6. Water Department staff replaced the pressure reducing valve at the Live Oak Center.

Mr. Kessler provided an updated Monthly Water System Operations Summary report for July, 2016, for Committee review. Discussion occurred concerning the current conservation efforts of District customers; Mr. Kessler commented that the District's customers demand reduced by 20% in month of July, 2016, in comparison to July, 2013. Mr. Ruiz provided a brief update on the emergency service lateral line break on Trabuco Oaks Drive which was the result of damage to the service lateral by a contractor, and mentioned that District staff has provided repair options to the homeowner.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

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ITEM 10: WASTEWATER SYSTEM STATUS

Mr. Hanberg presented the Wastewater System Status update through July, 2016, and reported on the following matters:

1. Wastewater Department staff cleaned the Plano Trabuco Sewer Lift Station wet well in preparation for the wet well rehabilitation project.
2. Wastewater Department staff cleaned that Robinson Ranch Wastewater Treatment Plant Influent Equalization Basin tanks in preparation for the rehabilitation project.
3. Wastewater Department staff rebuilt the Robinson Ranch Wastewater Treatment Plant Media Filter No. 2 Air Actuator.

Mr. Hanberg provided an updated Monthly Recycled Water System Operations Summary for July, 2016, for Committee review, and reported that the Dove Lake freeboard is currently at 10.7 feet. Mr. Hanberg reviewed the additional recycled water demands for the Dove Canyon Golf Course and T-Y Nursery in the Operations Summary, and mentioned that he will continue to pump Dove Lake water and add potable water to supplement the recycled water reservoir to help the District to meet recycled water demands through the summer months. Mr. Hanberg reported that there was no sewer line cleaning in the month of July due to the District's Vactor Truck being out for repairs and service. Mr. Stroud added that the repairs and service to the Vactor Truck and Sewer Cleaning Assembly are estimated to cost approximately \$20,000.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 11: OTHER MATTERS/REPORTS

Mr. Ruiz reported on the following other matters:

1. Mr. Ruiz said that District staff has scheduled for onsite training from the District's Computerized Maintenance Management System (CMMS) vendor Manager Plus. The training includes all of the District's Operators and Maintenance staff on system updates and the use of a new mobile application, and is scheduled for the last week of August. Mr. Ruiz mentioned that the CMMS was purchased approximately a year and a half ago, and that the goal of the training is to bring the system database up to date and have users utilize the new mobile application.
2. Mr. Ruiz commented on the status of the South Orange County Wastewater Authority (SOCWA) Fiscal Year Budget and Cost Allocation Meetings, and mentioned that this matter was reviewed with the Executive Committee. Mr. Ruiz added that the Chair of the SOCWA Board of Directors, in tandem with SOCWA General Legal Counsel, have prepared documents regarding the cost allocation concerns raised by SOCWA member agency Moulton Niguel Water District (MNWD). Discussion occurred concerning the governance requirements of the Joint Powers Agreement (JPA), and the proposed amendments to the JPA.

RECOMMENDED ACTION

The Committee received the information, no action taken.

ADJOURNMENT

Director Mandich adjourned the August 3, 2016, Engineering/Operational Committee Meeting at 7:51 AM.