



TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | JULY 6, 2016

DIRECTORS PRESENT

Edward Mandich, Committee Chair
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 July 6, 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 Dopudja shared his concerns for Director Haselton's health, and offered his best wishes for him and his family.

Director Mandich had no comments.

REPORT FROM THE GENERAL MANAGER

Mr. Ruiz reported on the following matters:

- Mr. Ruiz reported that District staff has completed and submitted the State Water Board Self-Certification as required by the newly approved conservation regulations. Mr. Ruiz said that the District has self-certified a 0% conservation goal based on the methodology determined by the State Water Board.
- Mr. Ruiz reported that the Municipal Water District of Orange County (MWDOC) has scheduled a Special Board Meeting later that day to review the Metropolitan Water District of Southern California (MET) presentation on the current status of Colorado River supplies.
- Mr. Ruiz advised the Committee that he will be on vacation the next week through the following Tuesday.

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ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

The June 1, 2016, Engineering/Operational Committee Meeting Recap was presented to the Committee.

RECOMMENDED ACTION

The Committee approved the meeting recap and recommended that the Board receive and file the June 1, 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 said that District staff is currently working with the County of Orange to procure a required encroachment permit and easement, with the easement tentatively scheduled to be agendized for the consent calendar on the County Board of Supervisor's August Board Meeting. Mr. Ruiz reported that District staff is working with Tetra Tech (Consultant) to satisfy the City of Lake Forest's traffic control requirements for the project. Mr. Ruiz said that he is also working with Irvine Ranch Water District (IRWD) to procure the project related easement, which also includes the processing of quitclaim deeds to clean up existing easements with both IRWD and the City of Lake Forest. Mr. Ruiz said he expects to bring all current quitclaim documents to the July 20, 2016, Regular Board Meeting for Board review. Discussion occurred concerning the status of the existing easements and possible incurred costs related to the discovery of easement documentation. Mr. Ruiz provided a status update on the final remaining private easement related to the project, and said that the District has submitted an offer letter to the property owner in March, but that no final agreement has been reached. Mr. Ruiz added that the property owner has responded with certain questions regarding the use of the easement, and countered the District's easement request with significant restrictions that currently impact the District's proposed use of the easement. Mr. Ruiz said that the District has worked with Legal Counsel to prepare a Resolution of Necessity for Eminent Domain, and mentioned that he believes that there is no merit at this time to the additional requests from the property owner. Mr. Ruiz mentioned that the District is reaching an impasse on this matter, and he is concerned with the current schedule constraints and recommended the adoption of a resolution of necessity. Mr. Ruiz reported that Ms. Lausten is currently preparing a Request for Proposal for Construction Management Services for this project.

RECOMMENDED ACTION

The Committee received the status update, and recommended that District staff agendize the adoption of a Resolution of Necessity for Eminent Domain at the July 20, 2016 Regular Board Meeting (Action Calendar).

ITEM 3: BAKER WATER TREATMENT FACILITY

Mr. Ruiz provided a status update on this project, and said that during his absence Ms. Lausten is scheduled to attend the next Project Committee Meeting on July 14, 2016. Mr. Ruiz briefly reviewed the proposed contract change orders presented in the Construction Report.

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 presented this new item for Committee review, and said that the South Orange County Wastewater Authority (SOCWA) adopted an updated Salt and Nutrient Plan in 2014 which included a Monitoring and Data Collection Plan for member agencies in the service area. Mr. Ruiz added that the San Juan Basin Authority assumed responsibility for the development and implementation of the Monitoring and Data Collection Plan that requires additional monitoring at existing sample points in member agency service areas, as well as expanded

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groundwater sampling points and the addition of surface water sampling for a one year period. Mr. Ruiz reported that sampling collection for the District's wells has been waived because there is currently no available groundwater due the impacts of the drought and their seasonal nature. Discussion occurred concerning the District's possible future membership with the San Juan Basin Authority.

RECOMMENDED ACTION

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

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 District staff is coordinating with the project contractors for scheduling purposes. Mr. Ruiz said that the project will start at the end of the month, and will last approximately one week. Mr. Hanberg commented that District staff plans to work on both projects simultaneously to minimize the total impact to the sanitary sewer system and loss of recycled water production.

2. Administration Building Recoating and Parking Lot Slurry

Mr. Ruiz reported that Ms. Sangi worked with the contractor for the Administration Building Recoating, and Ms. Lausten coordinated with the Parking Lot Slurry contractor for weekend work. Mr. Ruiz mentioned that both projects were successfully completed and he commended both Ms. Sangi and Ms. Lausten for their efforts on the respective projects.

3. Other Projects

Mr. Ruiz reported that District staff is currently working with the County of Orange on their road repair design work for Live Oak Canyon Road and Trabuco Creek Road. Discussion occurred concerning the financial challenges associated with road repair projects and possible conflicts due to the existing location of the District's pipelines.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

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

Ms. Lausten provided a status update on this matter to the Committee, and said that the onsite utility work has been completed. Ms. Lausten added that District staff is coordinating with the Developer for the delivery of water meters and meter boxes, and she is currently preparing for the construction of the remaining offsite water and sewer lines once the easements are procured.

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 is reviewing the existing documents to arrive at a methodology for the reimbursement process, and that discussions with both developers are ongoing. Mr. Ruiz reported that District staff is currently

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working with Legal Counsel to prepare the Will Serve Letter for the development, but that there are concerns regarding access to the planned reservoir, reservoir pipeline depth, and the submittal of a District approved technical memorandum.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 8: ACTIVE DEVELOPMENTS

1. Skyridge Development (84 DUs | WSL)

Ms. Lausten provided a status update on this development, and reported that the installation of the water and sewer utilities has been completed. Ms. Lausten added that the developer is currently constructing the models and coordinating for the installation of the natural gas utilities. Mr. Perea reported that the District has provided the first phase of water meters and meter boxes for the development.

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

Ms. Lausten provided a status update on this development, and mentioned that District staff has provided a punch list of items which require 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 May, 2016, and reported on the following matters:

1. Water Department staff responded to and repaired an eight-inch water main break on Rancho Cielo Drive.
2. Water Department staff removed a two-inch leaking pipe on Trabuco Oaks Drive.
3. Water Department staff repaired a one-inch leaking service on Adkinson Lane.

Mr. Kessler provided an updated Monthly Water System Operations Summary report for June, 2016, 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 commented that the District's customers demand reduced by 23% in month of June, 2016, in comparison to June, 2013. Mr. Kessler mentioned that the Santiago Aqueduct pipeline was offline due to the scheduled replacement of the OC-33 meter that is part of the Baker Water Treatment Plant project. Mr. Kessler added that the District purchased water from IRWD and Santa Margarita Water District through existing interties during that time.

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 May, 2016, and reported on the following matters:

1. Wastewater Department staff replaced a pump at Santiago Sewer Lift Station.
2. Wastewater Department staff fabricated a barrier to capture and mitigate further duck weed growth on Dove Lake.
3. Wastewater Department staff unclogged a 36-inch drain pipe and completed other repairs at Tick Creek Pump Station.

Mr. Hanberg provided an updated Monthly Recycled Water System Operations Summary for June, 2016, for Committee review, and reported that the Dove Lake freeboard is currently at 7.2 feet. Mr. Hanberg mentioned that he will be pumping Dove Lake water to supplement the recycled water reservoir and help the District meet recycled water demands through the summer months. Mr. Hanberg highlighted the recycled water use for T-Y Nursery, Sakaida Nursery, and the Dove Canyon Golf Course for the month of June.

RECOMMENDED ACTION

The Committee received the status update, no action taken.

ITEM 11: OTHER MATTERS/REPORTS

Mr. Ruiz reported that the District is in receipt of a letter from Moulton Niguel Water District regarding the SOCWA Fiscal Year 2016/2017 Budget, and provided a status update regarding the cost allocation workshops that have been held to date. Discussion occurred concerning the SOCWA member agency cost allocations, current budget challenges, and member agency voting issues. Director Dopudja asked Mr. Ruiz to confer with Legal Counsel concerning this matter in order to determine the best manner in which it should be discussed at a future Regular Board Meeting. Discussion occurred concerning member agency perspectives on agreement terms and methodology for the determination of a weighted vote concept based on budget cost allocation.

RECOMMENDED ACTION

The Committee received the information, no action taken.

ADJOURNMENT

Director Mandich adjourned the July 6, 2016, Engineering/Operational Committee Meeting at 8:00 AM.