MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

October 24, 2022

At approximately 8:20 a.m. Director Vergara called the Engineering Committee meeting to order.

Committee Members KATHRYN FRESHLEY, KAY HAVENS, MIKE GASKINS, JOSE VERGARA, and MARK MONIN participated.

Also participating were DENNIS P. CAFFERTY, General Manager, JASON HAYDEN, CFO, JUDY CIMORELL, Human Resources Manager, GILBERT J. GRANITO, General Counsel, SCOTT HOPKINS, Operations Superintendent, HANNAH FORD, Engineering Manager, CAROL MOORE, Laguna Woods Mayor (zoom), and POLLY WELSCH, Recording Secretary.

Consent Calendar

Director Vergara asked for a Motion.

Motion: President Freshley made a Motion, seconded by Director Monin and unanimously carried across the Board to approve the Consent Calendar.

Roll Call Vote:

Director Vergara	aye
Director Monin	aye
Director Gaskins	aye
Vice President Havens	aye
President Freshley	aye

Engineering Action Items

Resolution No. 22-10-1 Amending the District's Rules and Regulations for Recycled Water (Schedule 3-S) in Their Entirety

Ms. Ford stated that the existing set of Rules and Regulations (Schedule 3-S) was last amended in March 2014. She further stated that the District completed Phase II Recycled Water Distribution System Expansion Project in 2021, which added 28,500 feet of pipelines ranging in diameter from 4" to 10".

Ms. Ford stated that staff updated the existing version of the Rules and Regulations to accommodate the expanded recycled water program.

Ms. Ford stated that staff consulted John Robinson Consulting to update applicable regulatory requirements, such as required frequency of inspections, and changes that have occurred over the last 8 years. She further stated that the Rules and Regulations have been reviewed by staff, State Water Resources Control Board Division of Drinking Water, and the Orange County Health Care Agency.

Director Vergara stated that his concern is whether the District has to report the finding of a potable pipeline privately installed near a recycled water area to the County Health Department. Ms. Ford replied that violations and what needs to be reported annually to the County Health Department are clearly spelled out in the Rules and Regulations.

Director Vergara asked for a Motion.

Motion: Director Monin made a Motion, seconded by Vice President Havens and unanimously carried across the Board to adopt Resolution No. 22-10-1 which amends the District's Rules and Regulations for Recycled Water (Schedule 3-S) in their entirety.

Roll Call Vote:

Director Vergara	aye
Director Monin	aye
Director Gaskins	aye
Vice President Havens	aye
President Freshley	aye

General Information Items

Capital Projects Status Report

Aliso Creek Siphon Crossing near 4920 Lift Station

Ms. Ford stated that two pipelines crossing beneath Aliso Creek near the Lift Station lay beneath a small hole that had eroded in the concrete encasement over the pipes, and staff was concerned that the erosion could impair the integrity of the sewer pipelines. She further stated that because no pipelines were exposed or undermined, simple repair work involving sandbags and slurry fill was done to fill the void over the pipelines. Previous fiscal years had budgeted a carryover of $170,000 to complete the work; actual costs were much less, only requiring a few thousand dollars to pull a permit with the Regional Water Quality Control Board.

R-6 Reservoir Floating Cover and Liner Replacement Project

Ms. Ford stated that staff worked with the contractor and pre-purchased valve supplier to firm up schedule. The contractor submitted a schedule that extends the contract length approximately 1.5 months due to cover and liner material supply delays. The valve delivery is later than anticipated but does not impact the contractor's schedule.

Ms. Ford stated that trenching and electrical work are underway now while waiting on supplies for the cover and liner, which will ultimately free up space in the perimeter road once the liner and cover materials arrive. She further stated that

draining of the Reservoir will begin November 21, 2022 and until the final drain down at the end of November, the Reservoir level will remain at less than full capacity.

Ms. Ford stated that staff selected Tripepi Smith for a time-lapse video of the construction because they offered the lowest cost and have worked successfully with the District on developing the District website.

Filter Building Site Use Project

Ms. Ford stated that demolition will begin this week with completion anticipated by the end of December 2022. She further stated that staff has issued construction alerts to the neighborhood.

Joint Transmission Main (JTM) Pump Station Project

Ms. Ford stated that the South Coast Water District replaced the flow meter at the turnout from the JTM last week.

Main Office HVAC Improvement Project

Ms. Ford stated that staff held a walk-through with the contractor, Empire Design & Build, to discuss plans for staff vacancy for the shutdown November 28, 2022 through January 26, 2023.

R-2 Reservoir Interior Recoating Project

Ms. Ford stated that the R-2 Reservoir has been back in service since mid-September, and Associated Tank Constructors (ATC) has demobilized from the project site. Staff has been working to submit materials required as part of the DWR grant reimbursement process.

Water and Sewer Master Plan Update

Ms. Ford stated that staff received training on the new water model and will be able to run fire flows in house.

Pump Station Asset Management Plan

Ms. Ford stated that the team has made significant progress on the Asset Management Plan, including recorded interviews and workshops this month with full site walk condition assessments at the end of the month.

Headworks Rehabilitation Study

Ms. Ford stated that staff conducted a workshop with WRP and pump station staff and will have another workshop this week to evaluate recommendations to shape the path forward.

WRP Optimization Study

Ms. Ford stated that Arcadis conducted a site visit and kickoff meeting, and staff has responded to their data request and reviewed initial alternatives.

Wash Press System at Headworks

Ms. Ford stated that Wash Press equipment and electrical are being installed. Electrical costs are higher than anticipated due to changes in scope; the overall project will cost approximately $6,000 more than originally anticipated.

Tertiary System Optimization

Ms. Ford stated that staff hired Dudek to design a backflow prevention device on the pipeline between the Effluent Transmission Main (ETM) and the Chlorine Contact Tank (CCT), and staff plans to review the recommendations memo early next week.

Effluent Pump Station Rehabilitation Project

Ms. Ford stated that Filanc has completed most of the valve replacements successfully, has demobilized from the site, and will return prior to pump delivery in February 2023.

Caltrans I-5 Widening Utility Relocations

Ms. Ford stated that Phase B work is complete. Staff anticipates a Change Order to cover time spent on exposing and excavating the additional manhole and will request reimbursement from Caltrans staff once cost is determined.

WRP Main Electrical Power Breakers Replacement Project

Ms. Ford stated that staff decided to hire an electrical engineer for a second opinion in determining the necessity of a change order to adjust the ATS contactors from 3 to 4 wires, due to the high cost associated with the change order.

Revenue Bond Expense Tracking

Ms. Ford stated that staff is tracking project actuals compared to revenue bond budget.

Energy Efficiency Analysis

Ms. Ford stated that SCE conducted testing at 3 pump stations this month and the results are included in the staff paper.

Engineering Items Discussed at Various Conferences and Meetings

Director Vergara reported on the WateReuse conference.

Comments Regarding Non-Agenda Engineering Committee Items

There were no comments.

Adjournment

There being no further business, the Engineering Committee meeting was adjourned at approximately 9:10 a.m.

Attorney Report

Mr. Granito reported that there is a need for a Closed Session today to discuss item #2 of today's Closed Session agenda.

Closed Session

At approximately 9:10 a.m. the Board went into Closed Session, and everyone except the Board members, General Counsel, General Manager, and Ms. Cimorell left the meeting.

Open Report/Regular Session

At approximately 9:20 a.m. the Board returned to Open Session. Also at this time, Ms. Welsch returned to the meeting.

Mr. Granito reported that during the Closed Session only Item #2 was discussed and during that phase of the Closed Session the Board initiated the evaluation of the District's General Manager. No reportable action was taken.

Adjournment

At approximately 9:25 a.m. the meeting was adjourned.

Respectfully submitted,

Polly Welsch

POLLY WELSCH
Recording Secretary

APPROVED:

Kathryn Freshley

KATHRYN FRESHLEY, President
of the El Toro Water District and the
Board of Directors thereof

DENNIS P. CAFFERTY, Secretary
of the El Toro Water District and the
Board of Directors thereof