

MINUTES OF THE REGULAR MEETING
& OF THE
ENGINEERING COMMITTEE MEETING

February 20, 2024

At approximately 8:37 a.m. Director Freshley called the Engineering Committee meeting to order.

Committee Members MARK MONIN, MIKE GASKINS, KAY HAVENS, KATHRYN FRESHLEY, and FRED ADJARIAN participated.

Also participating were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Director of Human Resources, HANNAH FORD, Director of Engineering, SCOTT HOPKINS, Operations Superintendent, GILBERT J. GRANITO, General Counsel, VISHAV SHARMA, CFO, RORY HARNISCH, Senior Engineer, MIKE MIAZGA, IT Manager (Zoom), CAROL MOORE, Laguna Woods City Council member (Zoom), and POLLY WELSCH, Recording Secretary.

Consent Calendar

Director Freshley asked for a Motion.

Motion: President Monin made a Motion, seconded by Director Havens to approve the Consent Calendar.

Roll Call Vote:

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

Engineering Information Items

ETWD Operations Report

Director Freshley suggested reporting this data on a fiscal year basis instead of calendar year.

Capital Projects Status Report

R-6 Reservoir Floating Cover and Liner Replacement Project

Ms. Ford stated that PaveWest contract is complete, and the District will pay the remaining retention in March. She further stated that we are over \$200,000 under budget on the R-6 Perimeter Road Repair project, with just over \$100,000 being ETWD's share.

Ms. Ford stated that Layfield's contract will be complete after correcting issues with the sensor relay on one of the rainwater removal pump panel lights.

Ms. Ford stated that staff is continuing to monitor the water quality in the Reservoir and the AMP and plans to continue drawing until mid-March. She further stated that, at that point, fill will commence so the total trihalomethane concentration will be below the maximum contaminant level prior to the AMP shutdown in April.

New Warehouse

Mr. Harnisch reported that panels are installed, and the roof is being completed. He further stated that staff is negotiating a change order to address a utility conflict, asphalt paving, and bollard installations.

Mathis Lift Station Inlet Piping Improvement Project

Mr. Harnisch stated that the contractor installed a cure-in-place pipe lining in the influent sewer pipeline. He further stated that the contractor will also install a sewage collection bowl and drop pipe at the upper inlet penetration and plug the lower inlet

penetration of the wet well in February.

Northline Coating Improvement Project

Mr. Harnisch stated that staff is working with the City of Laguna Woods and the City of Laguna Hills and provided advance warning of the project. He further stated that the driveway to the Lift Station is in front of the gate to the Dog Park and parking area.

Aliso Creek Lift Station Alternatives Analysis

Mr. Harnisch stated that staff met with the contractor and commented on the draft alternatives analysis report. He further stated that staff decided to extend flow monitoring to capture the February storm.

Grit Chamber Rehabilitation Project

Mr. Harnisch stated that staff extended the question and answer period and readdressed questions from the project into Addendum No. 1 to all three prospective bidders. He further stated that the bid opening date is in March and staff plans to provide a recommendation to the Board the same month.

Headworks and Secondary Clarifier No. 1 Rehabilitation Project

Ms. Ford stated that staff received, reviewed, and commented on part one of the Basis of Design Report. She further stated that staff is working with Carollo on how to test polymer addition upstream of the Dissolved Air Floatation tank.

Ms. Ford stated that the second part to be submitted by Carollo will include information on the polymer system, electrical, instrumentation, controls, construction sequencing, lead items, and cost estimates.

Asset Management

Ms. Ford stated that staff is working on finalizing the WRP asset management PowerBI dashboards.

Tertiary Disinfection Optimization Project

Ms. Ford stated that staff received results of the Tracer Study and were able to increase the baffling factor assumption to reduce chlorine dosage by an additional 30 percent. She further stated that staff will submit the report to the Division of Drinking Water for approval this month.

System Wide Arc Flash and Coordination Study

Ms. Ford stated that staff received recommendations and has yet to complete the effort due to further delay at the WRP of the new Automatic Transfer Switch (ATS) delivery.

WRP Main Electrical Power Breaker

Ms. Ford stated that the breaker covers the District received were not in compliance with arc flash requirements and Schneider sent replacement breakers that were the wrong size, so staff is waiting on the new breakers. Staff anticipates a WRP shutdown to install the correct breakers and ATSs in April.

Cathodic Protection Repair on Moulton Parkway

Ms. Ford stated that staff has received recommendations from Farwest Corrosion Control Company determining where interference from the Joint Transmission Main impressed current cathodic protection system leaves the District's main and how to best restore current cathodic protection system to the entirety of the District's main. She further stated that the contractor recommends installing three magnesium beds along the pipeline to provide a preferred low resistance ground for stray current to leave the pipeline and return to natural ground without causing corrosion.

R-6 Reservoir Security System

Ms. Ford stated that staff met with the Contractor and SCE to confirm the security system installation plan. She further stated that SCE requires reducing the pole to a lower elevation of 15 ft and the contractor plans to install it along with the camera and supporting electrical in April.

Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

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 9:33 a.m.

Regular Session

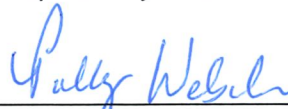
Attorney Report

Mr. Granito report that there is no need for a Closed Session today, and as such Regular Session continued.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:33 a.m.

Respectfully submitted,



POLLY WELSCH
Recording Secretary

APPROVED:



MARK MONIN, 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