

**EAST VALLEY WATER DISTRICT
ENGINEERING AND OPERATIONS COMMITTEE MEETING
VIA TELECONFERENCE**

July 27, 2020

MINUTES

Ms. Van Meter called the meeting to order at 2:30 p.m. and Mr. Noelte led the flag salute.

PRESENT: Directors: Smith, Coats

ABSENT: Martha Duran, Sr. Administrative Assistant

STAFF: Jeff Noelte, Director of Engineering and Operations, Patrick Milroy, Operations Manager; Brenda Van Meter, Administrative Assistant; Shayla Antrim, Sr. Administrative Assistant; Christi Koide, Sr. Administrative Assistant

GUEST(s): None

PUBLIC COMMENTS

There being no written or verbal comments, the public participation section was closed.

APPROVE THE DECEMBER 2, 2019 ENGINEERING AND OPERATIONS COMMITTEE MEETING MINUTES

The minutes for December 2, 2019 were approved by unanimous roll call vote, and by means of necessity as presented.

Operations Update - East Trunk Sewer Transfer to EVWD

Mr. Milroy, Operations Manager, presented a report regarding the transfer and responsibility of the East Trunk Sewer Main line that is in the District's service area. Mr. Milroy gave an overview of the Settlement Agreement that was executed in November 2017. He noted that the connection is a large high flow sewer main, which is a key asset to add to the District's network and will deliver flows to the Sterling Natural Resource Center. Mr. Milroy shared that the sewer totals 33,000 linear feet and flows in a north to south fashion starting on Mountain Avenue. He illustrated a map showing the location of the line that ends in the south west portion of the District on Waterman Avenue and 6th Street. Mr. Milroy shared that District staff recently performed 24,000 linear feet of video inspection on the trunk line with diameters ranging in size from 10-inches to 24-inches. He reported that on July 16, 2020, a contractor specializing in large diameter CCTV completed inspection of the interior and the remaining 9,000 feet of sewer line that were too large for District

equipment to video inspect. Director Coats inquired as to the cost of the contractor and Mr. Milroy replied that the cost was approximately \$9,800.

ENGINEERING UPDATES

Sterling Natural Resource Center (SNRC)

Mr. Noelte presented information regarding the activity at the Sterling Natural Resource Center. He addressed the concrete placement for the Influent Pump Station, Aeration Basins, Membrane Tanks and UV Channels and noted they were complete. Mr. Noelte shared that the electrical conduit and yard piping were currently being placed and provided exhibits.

East Surface Water Treatment Plant (SWTP) Evaluation

Mr. Noelte stated that the Board had received the findings from the East Surface Water Treatment Plant Evaluation on October 2019 related to the three recommended alternatives for providing an additional 4 MGD of water supply capacity. He discussed that staff conducted a more detailed life cycle cost analysis of the East SWTP and New Groundwater Wells. Based on this analysis showing the two alternatives having similar life cycle costs, a preliminary design report will be prepared for the East SWTP to provide more realistic cost estimates to inform the decision-making process. This effort has a budget of \$175,000 in the current fiscal year.

Monitoring for Pressure Spikes in Distribution System

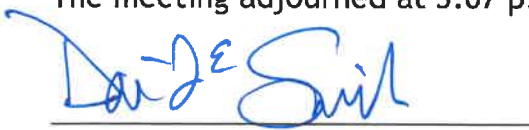
Mr. Noelte reported that the District purchased and deployed five pressure gauges capable of measuring pressure 128 times per second. These devices allow for a high-rate monitoring of pressure spikes in our distribution system. He stated that common causes of pressure spikes are rapid opening or closing of valves and the starting or stopping of pumps. Mr. Noelte explained that a cloud-based vendor system is being utilized to collect and analyze the pressure data.

APPROVE SCHEDULE FOR MEETINGS

Operations and Engineering recommended the committee continue to meet the fourth Monday of every other month. The calendar was approved as presented and approved by unanimous roll call vote.

ADJOURN

The meeting adjourned at 3:07 p.m.



David Smith
Governing Board Member



Ron Coats
Governing Board Member