

Approved November 22, 2021

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

September 27, 2021

MINUTES

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

PRESENT: Directors: Smith, Coats

ABSENT: None

STAFF: Jeff Noelte, Director of Engineering and Operations, Patrick Milroy, Operations Manager; Nathan Carlson, Senior Engineer; Rocky Welborn, Water Reclamation Manager, Christi Koide, Senior Administrative Assistant; Brenda Van Meter, Administrative Assistant

GUEST(s): None

PUBLIC COMMENTS

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

APPROVE THE JULY 26, 2021, ENGINEERING AND OPERATIONS COMMITTEE MEETING MINUTES

The minutes for July 26, 2021, were approved by unanimous roll call vote as submitted.

Managing Long-term Water Production

Mr. Milroy presented the District's plan to secure long-term water production operations. He explained that our partnerships with other local water agencies have been helpful in this process. Following the completion of Sterling Natural Resources Center (SNRC) the District will be recharging water in the Weaver basin. The State Water Resources Control Board (SWRCB) provided the District with groundwater recharge requirements following SNRC's start-up. Due to their location, wells 143, 146 and 147 will need to be placed out of service to comply with SWRCB. These wells provide 12 percent of the distribution to the District's customers, which will need to be replaced from other sources. Plants 120, 125 and plant 134 are good options for increased production to replace the 12 percent of water that will be needed for distribution. The District secured Geoscience to assist with finding the best options available and to provide insight for new water sources.

Mr. Milroy explained that staff has been working with consultants to evaluate and implement rehabilitation and modifications to the distribution system and believe they have a good plan in place.

Engineering Update for September 2021

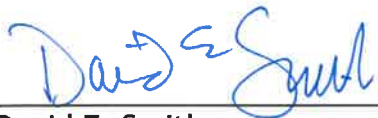
Mr. Noelte reported on the progress at the Sterling Natural Resource Center. He displayed exhibits that show the construction activities in the various locations throughout the site and discussed how the site is progressing. Mr. Noelte explained the uses for the biogas conditioning vessels, the bridge crane frame for the membrane facility, the biosolids building, the ponds, and shared information about the areas outside the administration buildings.

Mr. Noelte provided an update regarding the plant 134 Granular Activated Carbon (GAC) project. The old Robert's filter room will be cleared out to make room for the GAC vessels as those filters were replaced by the membrane filters when the plant was upgraded. An exhibit was presented that showed the configuration of the six GAC vessels.

Mr. Noelte provided an update on the construction progress of the battery installation at the Headquarters and Plant 140. The system for Plant 134 is in the final stages of design. The batteries can be charged when the kilowatt hours are cheaper, and that stored energy can then help power the facility when the cost of kilowatt hours is higher. Also, the stored energy can be used for backup power at these locations, reducing the need to run the diesel generators.

ADJOURN

The meeting adjourned at 3:10 p.m.



David E. Smith
Governing Board Member



Ronald L. Coats
Governing Board Member