

MINUTES

Tuesday, March 12, 2019

**East Bay Municipal Utility District
Board of Directors
375 Eleventh Street
Oakland, California**

Special Meeting

President Marguerite Young called to order the Special Meeting of the Board of Directors at 9:11 a.m. in the Training Resource Center. The Board met in workshop session to receive an update on the District's current and planned activities to ensure water supply reliability; the Water Conservation and Water Recycling programs, regional partnerships and activities related to groundwater sustainability; and District efforts to secure long-term water transfers.

ROLL CALL

Directors Doug Linney, Lesa R. McIntosh, Frank Mellon, William B. Patterson, and President Marguerite Young were present at roll call. Director Andy Katz arrived at 9:19 a.m. Director John A. Coleman was absent (excused).

Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Director of Water and Natural Resources Michael T. Tognolini, Senior Civil Engineer Hasan M. Abdullah, Senior Civil Engineer Alice E. Towey, Senior Civil Engineer Linda H. Hu, Senior Civil Engineer Ben Bray, Manager of Water Conservation Richard W. Harris, Supervisor of Water Conservation Claire E. Nordlie, Supervisor of Water Conservation Charles M. Bohlig, Special Assistant to the General Manager Douglas I. Wallace, Assistant to the General Manager Janetta M. Johnson, and Secretary of the District Rischa S. Cole.

DISCUSSION

- Filed with the Board was 1) Presentation entitled "Long-Term Water Supply Board of Directors' Workshop," dated March 12, 2019; and 2) the East Bay Municipal Utility District Updated Recycled Water Master Plan dated February 2019.

Director of Water and Natural Resources Michael T. Tognolini presented an overview of the workshop topics and reviewed some current risks to the District's long-term water supply including drought, climate change, and regulatory and statewide challenges.

Senior Civil Engineer Hasan M. Abdullah presented an update on the District's Central Valley Project allocations and ongoing joint water transfer projects for supplemental supplies during dry years. The District is working with Placer County Water Agency on a long-term transfer agreement to purchase 10,000 to 47,000 acre feet of their environmental releases during dry years. In June 2018, the District signed a five year contract with Yuba County Water Agency to purchase 10,000 acre feet of their environmental releases during dry years. Yuba County Water Agency and District staff are completing documentation to obtain a Warren Act contract to convey the water via the Folsom South Canal. In December 2018, the District signed an

agreement with Sycamore Mutual Water Company to purchase multi-year transfers of about 6,000 to 7,000 acre feet. He reviewed the project's scope of work and said preliminary results of a feasibility study should be available in late summer 2019. To help implement long-term water transfer projects, the District is participating in a water transfer Environmental Impact Report/Environmental Impact Statement (EIR/EIS) – a jointly lead effort between United States Bureau of Reclamation and San Luis and Delta Mendota Water Authority that covers water transfers between the years 2019- 2024. The original EIR/EIS was certified in 2015 and covered water transfers for ten years. It was challenged in court and found deficient in five areas. The deficiencies were addressed, and a revised Draft EIR/EIS was circulated and is expected to be final by the end of 2019.

Senior Civil Engineer Alice E. Towey presented an update on the Bay Area Regional Reliability partnership and its Regional Water Market Program; District participation in the Los Vaqueros Reservoir Expansion Project; the partnership with the City of Hayward to complete a Groundwater Sustainability Plan for the East Bay Plain Basin by 2021; Bayside Groundwater Project potable water injections in 2017 and 2018 and the status of injections for 2019; and developments on the Demonstration Recharge, Extraction and Aquifer Management Project (DREAM) including construction of District project components starting in FY20 and how the District will address elements identified in the groundwater during quarterly quality monitoring.

Supervisors of Water Conservation Claire E. Nordlie and Charles M. Bohlig presented updates on the Water Conservation Program and the Water Conservation Master Plan implementation strategies. The 2018 strategies included: education outreach, conservation research and incentives, water management programs, water loss control initiatives, and the District's approach to addressing conservation related regulations and legislation. Ms. Nordlie reported on education and outreach efforts, the results of a customer survey regarding water conservation services, conservation research activities and the District's partnership with the Oakland EcoBlock project. She reviewed conservation rebate data from 2018 and concluded with an update on the on-bill financing pilot program which will be expanded in FY20. Next, Mr. Bohlig reviewed components of the water management program. He reported that a pilot for integration of the Irrigation Reduction Information System (IRIS) and *My Water Report* will kick off in summer 2019. Staff continues working on water loss control initiatives and a Water Loss Control Master Plan will be available by FY20. He highlighted the tools used to educate residential customers on water conservation regulations and legislation requirements and reviewed the District's schedule to comply with long-term state conservation and water efficiency requirements by 2035.

Senior Civil Engineer Linda H. Hu presented an overview of existing and proposed recycled water projects and the updated Recycled Water Master Plan which was completed in February 2019. She summarized potable reuse alternatives and drivers and highlighted the estimated timeline to implement the projects recommended in the master plan. She provided an update on the East Bayshore, San Ramon Valley, North Richmond, RARE and Diablo Country Club satellite projects and the status of construction to expand DERWA production capacity to 16.2 million gallons per day. To address supply shortages, DERWA recently executed an agreement with Central Contra Costa Sanitary District to divert a portion of its wastewater into its system around summer 2019.

Senior Civil Engineer Ben Bray presented an update on current and upcoming activities to assess, adapt to and mitigate the impacts of climate change on the District's water supply, water demand, watershed lands, and operations. He reviewed current climate change impacts on the District's water supply, the findings from a climate change sensitivity analysis, and key focus areas for the Urban Water Management Plan 2020 update. Staff will continue tracking climate change science and use the information presented in the workshop during future water supply planning efforts.

PUBLIC COMMENT

There was no public comment.

DISCUSSION

Board members asked questions regarding the challenges to the long-term water transfer EIR/EIS; the importance of Los Vaqueros Expansion project participants' conservation efforts as the project advances; the IRIS water budget information and if customers receiving low use reports increase their water use; the total number of District main breaks in 2016 and 2017; the status of West County Wastewater District's updated treatment facilities; continued coordination with agricultural interests below Camanche Reservoir to share flow and flood protection information; increased funding for landscape conversion rebates; and water budget based rate information. The Board requested the following:

- Information on potential beneficial uses of flood flows during the winter.
- Information on historical flood areas on the lower Mokelumne pre and post Camanche (wet winter wrap-up).
- Information on funding levels for landscape conversion rebates during Budget Workshop No. 2 on March 26.
- Information on water budget based rates after completion of the Advanced Metering Infrastructure pilot project.
- Data at the 2020 Long-Term Water Supply Workshop on protections for the San Joaquin groundwater basin if the DREAM project is expanded.
- Review the viability of a recycled water project at the Phillips 66 refinery and the proposed strategy to address project barriers.
- Schedule a meeting for President Young and Director McIntosh to meet with West County Wastewater District Directors to discuss future partnerships.

ADJOURNMENT

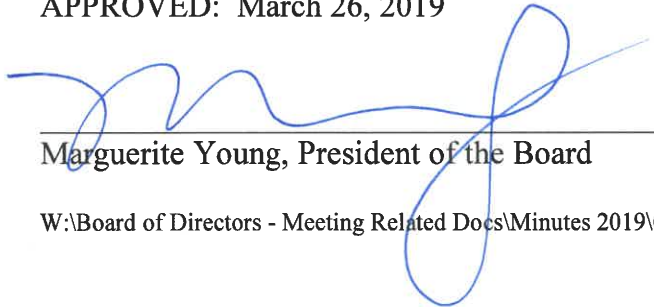
President Young adjourned the Special Meeting at 11:12 a.m.

SUBMITTED BY:



Rischa S. Cole, Secretary of the District

APPROVED: March 26, 2019



Marguerite Young, President of the Board

W:\Board of Directors - Meeting Related Docs\Minutes 2019\031219_LT Water Supply_workshop_minutes.docx