

DATE: July 18, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Rischa S. Cole, Secretary of the District *RC*

SUBJECT: Planning Committee Minutes – July 9, 2019

Chair Doug Linney called to order the Planning Committee at 9:00 a.m. in the Training Resource Center. Directors Lesa R. McIntosh and Frank Mellon were present at roll call. Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Acting Director of Engineering and Construction Jimi Yolo, Director of Wastewater Eileen M. White, Director of Operations and Maintenance Clifford C. Chan, Associate Civil Engineer Jeff Bandy, Senior Civil Engineer Matthew R. Hoeft, Engineering Manager Brett T. Kawakami, Special Assistant to the General Manager Kelly A. Zito, and Secretary of the District Rischa S. Cole.

Public Comment. None.

Orinda Water Treatment Plant Disinfection Improvements Project Update. Associate Civil Engineer Jeff Bandy presented an overview on the project's purpose, design process, environmental documentation, proposed construction staging areas, and community outreach plans. The project will modernize the treatment process at the plant by installing an ultraviolet/chlorine contact basin disinfection facility to improve disinfection reliability, mitigate increasing levels of disinfection byproducts and increase operational reaction time. Mr. Bandy reviewed the proposed project site plans and described how staff and the project's design consultants are working collaboratively to facilitate knowledge transfer about the operational concepts and design challenges of the new treatment processes. District staff designed, installed, maintained, and operated a pilot ultraviolet system to become more familiar with UV technology and in December 2018, visited a similar UV disinfection facility in Tempe, Arizona. The project team is using 3D computer-assisted design platforms to develop a model of the new facilities and virtual-reality tours to review the 3D model. These tools allow for clearer conceptualization, helps minimize design errors, and provide a robust platform for engineering records and asset management. Improvements to the plant's water treatment processes were identified in the 2006 Water Treatment and Transmission Improvements Program (WTTIP) Environmental Impact Report (EIR). Due to changes in the identified improvements and in conformance with CEQA, a Draft Supplemental EIR to the WTTIP EIR for the project is scheduled for publication in February 2020. The project design is currently scheduled to be finalized in late 2020 and construction is expected to start in early 2021 and completed in 2023. Staff presented project information to the City of Orinda in December 2018 and will continue providing quarterly updates to the City on ongoing and future projects in Orinda. The District will create a project webpage and starting in August 2019, begin hosting community outreach meetings.

Wastewater Outfall Bridge Overcrossing. Senior Civil Engineer Matthew R. Hoeft presented information on a Caltrans request to build an outfall overcrossing to allow access to a new public parking lot along Burma Road immediately south of the Bay Bridge touchdown. The parking lot will enable access to the new Bay Bridge multi-use path for bicycles and pedestrians and a new

observation deck that was recently constructed on the partially-demolished foundation piers of the original Bay Bridge. He reviewed the background and history of the outfall and details of the District's easements/permits and property rights agreements with the Port of Oakland and Caltrans which date back to 1948. The property rights documents include a provision that the owner of the land can formally request up to four overcrossings of the outfall that would allow vehicle traffic to cross the outfall without transmitting any load to the pipe. The District is required to pay for the four overcrossings "at its sole cost and expense." The District has paid for two permanent overcrossings since the outfall was constructed; one in 1987 and the other in 1992. Caltrans is on an accelerated construction schedule set to begin in August to build the new overcrossing so the parking lot can open by Labor Day, September 2, 2019. The District and Caltrans are currently in negotiations regarding final project costs. Caltrans received a quote to construct the outfall overcrossing and staff is developing a cost estimate for comparison with Caltrans' quote. To date, the District has not received design cost estimates from Caltrans. A formal reimbursement agreement will be drafted once the District and Caltrans negotiate appropriate cost and terms and the final agreement will be brought to the Board for consideration. Mr. Hoeft noted that Caltrans has indicated it does not require finalization of the reimbursement agreement prior to completion of construction.

Public Safety Power Shutoff (PSPS) Update. Engineering Manager Brett T. Kawakami presented information on PG&E PSPS events in response to questions raised during the June 25, 2019 Finance/Administration Committee and Board meetings. He reviewed the District's involvement in the California Public Utilities Commission's rulemaking process and actions taken to ensure water and wastewater utility needs are addressed during a PSPS event; PG&E's power restoration procedures, including transmission line inspections after a PSPS event; reports detailing customer impacts as well as the frequency and duration of Southern California PSPS events; a map of District facilities relative to PG&E transmission lines; options for lower emission generators; the District's business continuity plans in the event of a PSPS; and plans for customer outreach.

Adjournment. Chair Linney adjourned the meeting at 9:40 a.m.

ARC/RSC