

**MWD Board Meeting Highlights  
January 7-8, 2019**

The Metropolitan Water District of Southern California (MWD) held its monthly Board and committee meetings on January 7-8, 2019. At these meetings, the MWD Board:

- Administered Oath of Office for Chairwoman Gloria D. Gray for a two year term beginning January 1, 2019. Numerous guests spoke to welcome Chair Gray.
- Approved appointment of Board Vice Chairs, including Directors Lorraine Paskett (LADWP), Jerry Butkiewicz (SDCWA), and Cynthia Kurtz (Pasadena).
- Approved naming the East Dam of Diamond Valley Lake the Carl Boronkay Dam and deferred consideration of the nomination of Lois B. Krieger with directions to staff to return to the Committee with recommendations to name Metropolitan facilities located within the Western Municipal Water District.
- Authorized entering into a not-to-exceed \$500,000 funding agreement with EMWD under the Future Supply Actions Funding Program for the Purified Water Replenishment Brine Concentration Pilot Project. As part of MWD's Future Supply Actions Funding Program, this action addresses one of the selected proposals which was submitted by EMWD for a funding amount not-to-exceed \$500,000. The title of the project is, "Purified Water Replenishment Concentration Pilot Project." The study will test closed-circuit reverse osmosis (CCRO) as the primary reverse osmosis process for indirect potable reuse at the San Jacinto Valley Regional Water Reclamation Facility. CCRO has the potential to enhance recovery and minimize brine from advanced water treatment plants.
- Approved waiver of Administrative Code to defer nominations and elections of non-officer members of the Executive Committee for a two-year term starting in February 2019.

**In other actions the Board:**

- Authorized an agreement with Hatfield & Dawson Consulting Engineers, LLC, with a not-to-exceed amount of \$480,000 for professional technical services to upgrade MWD's microwave radio wide-area-network system at 24 sites within the desert operating region.
- Authorized entering into a not-to-exceed \$292,800 funding agreement with the Calleguas Municipal Water District under the Future Supply Actions Funding Program for the Los Robles Golf Course Groundwater Utilization Pilot Study. The study will evaluate reverse osmosis and closed circuit reverse osmosis treatment (CCRO) of brackish

groundwater at Los Robles Golf Course well. If CCRO proves viable it could help reduce brine discharges from brackish groundwater treatment plants in the region.

- Authorized entering into a not-to-exceed \$339,500 funding agreement with Las Virgenes Municipal Water District under the Future Supply Actions Funding Program for the Phase 2 White Paper: Tapping into Available Capacity in Existing Infrastructure to Create Water Supply and Water Quality Solutions. The study will explore opportunities for strategic integration of existing stormwater and wastewater systems. Results could lead to increased source water available for recycling and enhance the quality of receiving waters in the region.
- Authorized entering into a not-to-exceed \$350,000 funding agreement with The City of Long Beach under the Future Supply Actions Funding Program for the Los Angeles River Demonstration Treatment Plant – Phase 2A study. The demonstration study will test performance of different technologies for treating Los Angeles River water. Lessons learned could help other agencies develop similar water resources in the future.
- Authorized entering into a not-to-exceed \$500,000 funding agreement with Los Angeles Department of Water and Power under the Future Supply Actions Funding Program for the Pilot Study of Nitrification-Denitrification Membrane Bioreactor Treatment at Hyperion Water Reclamation Plant. The project involves the design, construction, and operation of a pilot facility with the goal of testing the effectiveness of different technologies for pathogen removal and effect on downstream processes. Results will provide data informing regional regulations and permitting for potable reuse projects.
- Authorized granting an easement to the United States Bureau of Reclamation to establish a habitat restoration site for the Lower Colorado River Multi-Species Conservation Program (MSCP). This is a positive action to continue the success of the Colorado River MSCP.
- Reviewed the Antelope Valley-East Kern Water Agency High Desert Water Bank Program. This program is a potential water bank agreement with Antelope Valley-East Kern and MWD. MWD will pay \$131 million for facilities and the capacity to put and take up to 70,000 acre feet per year.
- Heard an update on MWD's conservation programs. This future proposed action is to increase activity in the Landscape Transformation Program. MWD presented on the limited response to the turf program and sought input on potential changes. EMWD staff recommended increasing the \$10,000 limit for commercial, industrial and institutional customers, especially for public agencies. EMWD also recommend increase the \$1 per square foot rebate for public agencies.

- Heard a detailed presentation regarding the water quality control plan for the San Francisco bay/Sacramento-San Joaquin Delta Estuary voluntary settlement agreement.
- Heard an update on Sites Reservoir and how it will enhance the ability to capture and regulate surplus flows, and improve California's ability to meet future water supply challenges in a changing climate. The project draft environmental report is complete, it has received \$816 million in Proposition 1 grant funding, \$4.4 million from the federal Water Infrastructure Improvements for the Nation Act, and a \$449 million load from the U.S. Department of Agriculture. In addition, the initial engineering design and cost estimates are complete, as well as, the supply modeling and operations.
- Heard a presentation from Ellen Hanak of the Public Policy Institute of California on their policy recommendations related to managing drought in a changing climate. The recommendations included:
  - Strengthen urban water management plans;
  - Ensure effective groundwater sustainability plans;
  - Develop drinking water plans for rural communities;
  - Prepare ecosystem drought plans;
  - Improve conveyance and storage capacity;
  - Modernize and integrate operations;
  - Promote groundwater recharge;
  - Streamline trading and banking;
  - Give the environment a water budget;
  - Improve water rights administration;
  - Use general obligation bonds for public benefit; and
  - Reform water pricing law.

Attachment(s):

*Exhibit A - Chairman's Report*

*Exhibit B - Hydrology Report*