



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

Notice of Time Change

PLANNING COMMITTEE

Tuesday, October 14, 2025

9:30 a.m.

Boardroom

375 11th Street

Oakland, CA 94607

Notice is hereby given that the Tuesday, October 14, 2025 Planning Committee meeting of the Board of Directors has been rescheduled from 9:00 a.m. to 9:30 a.m. The meeting will be held in the Administration Building Boardroom at 375 11th Street, Oakland, California.

Dated: October 9, 2025



Rischa S. Cole

Secretary of the District

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**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

**AGENDA
Planning Committee
Tuesday, October 14, 2025
9:30 a.m.
Boardroom
375 11th Street
Oakland, CA 94607**

***** Please see appendix for public participation instructions*****

Committee Members: Directors April Chan {Chair}, Luz Gómez, and Valerie D. Lewis

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

DETERMINATION AND DISCUSSION:

1. Fiscal Year 2025 Annual Readiness Report (Briggs)
2. Joint Study Agreement for Fisheries (Workman)

ADJOURNMENT:

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.



APPENDIX

Planning Committee Meeting

*EBMUD Board committee meetings will be conducted in person and via Zoom.
These meetings are recorded and live-streamed.*

Online*

<https://ebmud.zoom.us/j/94576194030?pwd=dWZlc3hNU3JNUVBQYmNKWjJSNVZQdz09>

Webinar ID: 945 7619 4030

Passcode: 925293

By Phone

Telephone: 1 669 900 6833

Webinar ID: 945 7619 4030

Passcode: 925293

International numbers available: <https://ebmud.zoom.us/u/kdmpbw1g2>

*To familiarize yourself with Zoom, please visit <https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting>

Providing public comment - *The EBMUD Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.*

- Each speaker is allotted 3 minutes to speak; the Committee Chair has the discretion to amend this time based on the number of speakers
- The Secretary will track time and inform each speaker when the allotted time has concluded
- Comments on **non-agenda items** will be heard at the beginning of the meeting
- Comments on **agenda items** will be heard when the item is up for consideration
- The Secretary will call each speaker in the order received

In person

- Fill out and submit a blue speaker card which is available in the meeting room

Via Zoom

- Use the raise hand feature in Zoom to indicate you wish to make a public comment
<https://support.zoom.us/hc/en-us/articles/205566129-Raising-your-hand-in-a-webinar>
 - If you participate by phone, press *9 to raise your hand
- When prompted by the Secretary, please state your name, affiliation if applicable, and topic

Submitting written comments or materials


- Email written comments or other materials for the Board of Directors to SecOffice@ebmud.com
- Please indicate the meeting date and agenda item number or non-agenda item topic in the subject of the email. Contact information is optional.
- **Please email by 4 p.m. the day prior to the scheduled regular meeting;** written comments and other materials submitted to the Board of Directors will be filed in the record.


To observe the Planning Committee Meeting,
please visit: <https://www.ebmud.com/about-us/board-directors/board-meetings/>

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: October 9, 2025

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager 

FROM: David A. Briggs, Director of Operations and Maintenance 

SUBJECT: Fiscal Year 2025 Annual Readiness Report

SUMMARY

Policy 7.03 – Emergency Preparedness/Business Continuity requires the District to have an Emergency Preparedness Program to prepare for and actively manage emergency functions. The policy also requires the District to maintain a Business Continuity Program to minimize and recover critical business disruptions quickly in an emergency. The status of these programs during Fiscal Year (FY) 2025 will be reviewed at the October 14, 2025 Planning Committee meeting.

DISCUSSION

Hazards such as earthquakes, wildfires, power outages, pandemics or cyberattacks can impact the District’s critical infrastructure and disrupt business functions. The recent moderate earthquake in Berkeley on September 22, 2025 served as both a training opportunity for the Emergency Operation Team (EOT) and a reminder to remain prepared.

In addition to exercising the EOT and training staff, the District periodically updates the Emergency Operations Plan (EOP) to maintain compliance with the America’s Water Infrastructure Act (AWIA) and other requirements.

Business Continuity Plans (BCP) are designed to maintain business functions during and after an emergency to ensure operation and rapid recovery. These plans are reviewed and tested every two years. The District’s FY 2025 Annual Readiness Report is attached to this memo.

NEXT STEPS

Along with regular annual updates to plans and training, the District plans to complete the following in FY 2026:

- Continue to train staff in emergency deployment of temporary bypass piping following seismic events.

Fiscal Year 2025 Annual Readiness Report

Planning Committee

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- Audit the EOT members' training and host training courses as needed.
- Complete the agreement and implementation of a new emergency management platform including emergency employee notification.
- Expand mutual aid agreement with additional partners in California.
- Provide crisis communications training for the Board of Directors.

CCC:DAB:sd

Attachment: Fiscal Year 2025 Annual Readiness Report

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FISCAL YEAR 2025 (FY 2025) ANNUAL READINESS REPORT

Emergency Response

The District's response during an emergency is directed by the Emergency Operations Team (EOT). The EOT is staffed by District employees and guided by the Policy Group which consists of the Board of Directors, the General Manager, and General Counsel. The Director of Operations and Maintenance, or their designee, serves as the Emergency Operations Director (EOD) and directs the functions of the EOT.

The EOT is activated by the EOD and may or may not correspond to a formal emergency declaration by the District. The last major activation of the EOT under a Board-declared emergency occurred during the COVID-19 pandemic spanning from March 2020 to February 2023. The EOT has also been activated to efficiently and effectively manage various operational emergencies with many corresponding to a District-declared emergency.

District personnel needed to support an emergency are contacted via the Emergency Notification System (ENS) to report on their availability. District-wide ENS drills are conducted twice each year. The last drill occurred in April 2025 with a 98 percent response rate. The EOT is actively working to upgrade the ENS to a more modern platform. The upgrade is expected to be completed by early calendar year 2026.

In addition to the Emergency Operations Center (EOC) in the Administration Building and the alternate EOC at the Wanut Creek Water Treatment Plant, the District also has a mobile emergency command center (MECC) housed in a 28-foot trailer. The MECC exterior was rewrapped and moved to the Castenada Service Center for ready deployment for field use in emergencies. The MECC is equipped with workstations with network capabilities, phones, conference area, small kitchen, bathroom, and a generator.

Emergency Planning and Training

The District has 21 Business Continuity Plans (BCPs). Each plan is updated every two years and exercised annually. In FY 2025, seven BCPs were updated, and 21 of 22 exercises were completed. Exercises are documented in After Action Reports, which provide follow-up actions to improve preparedness.

The District has 28 Site Specific Emergency Action Plans (SSEAPs). SSEAPs describe specific features that prevent or mitigate hazards and specific responsibilities in the event of an emergency. The plans also satisfy the Cal/OSHA requirement for an Emergency Action Plan and a Fire Prevention Plan. Two SSEAPs were updated in FY 2025, with eleven updates scheduled for FY 2026.

As part of the requirements of the America's Water Infrastructure Act (AWIA), the District completed a Risk and Resilience Assessment (RRA) in FY 2025. The RRA assesses threats from malevolent acts and natural hazards that could threaten the water system. As required by AWIA, the RRA was certified by the U.S. Environmental Protection Agency in March 2025. Utilizing the RRA, the Emergency Operations Plan (EOP) is amended as needed. In FY 2025, the EOP

was updated for earthquake response and added detail on post-wildfire water quality sampling of the water distribution system.

The annual EOT exercise was conducted on March 18, 2025. This functional exercise focused on deploying emergency bypass hoses following a simulated magnitude 7.2 regional earthquake. The bypass hose connects damaged sections of the distribution system near earthquake fault zones and known landslide areas. In FY 2025, hoses, valves, and deployment equipment were inventoried, a testing plan was established, and new materials were ordered.

Community Support

The District actively collaborates with communities to plan for emergency water distribution if the District's pipelines are damaged following an earthquake or do not meet potable water standards. These efforts include coordination with the Offices of Emergency Services in Alameda and Contra Costa counties. In FY 2025, the District constructed 100 water delivery manifolds for deployment at Commodity Points of Distribution (CPOD). The manifolds and transportation trailers are strategically stationed at the four District service yard locations for rapid deployment throughout the service area. The manifolds can be connected to either the District's water distribution system or a mobile water tanker. Alternative potable water at CPODs may also be provided through bottled water supplied by vendors or emergency services.

The District participated in the update of the City of Piedmont and City of Oakland Local Hazard Mitigation Plans (LHMP). An LHMP is required by the Disaster Mitigation Act of 2000 and aims to reduce the impact of disasters by identifying hazards and developing ways to decrease their impact. Local governments, including special districts, need an LHMP to be eligible for federal funding and post-disaster assistance. The District's LHMP update is due in FY 2028.

EBMUD also facilitated meetings with the State Board's Division of Drinking Water and Alameda and Contra Costa counties' Office of Emergency Services focused on boil water communications. These discussions took place during the Contra Costa County and Alameda County Multi-Agency Coordination meetings. The Contra Costa County meeting is held monthly, and the Alameda County meeting is held quarterly. The meetings are attended by county Fire Chiefs, Fire Battalion Chiefs, Sheriff Department employees, and emergency management officials.

Board of Directors Standby Officers

Policy 7.03 - Emergency Preparedness/Business Continuity outlines how the Board of Directors designate Standby Officers to serve in their place should any Board member be unavailable in an emergency (e.g., state of war emergency, state of emergency, or local emergency). In 2024, the policy was revised to allow each Board member to designate a minimum of two and no more than three Standby Officers. In 2025, The Board reaffirmed and appointed a total of 14 Standby Officers. Currently there is one vacancy in Ward 3.

Mutual Aid Preparation

The District is actively engaged in mutual aid preparation through a variety of ways. District staff continue to serve on the California Water/Wastewater Agency Response Network (CalWARN) Region II steering committee and on the advisory board of the Cal/OES Early Earthquake Warning System.

Through a multi-party agreement, the District continues to meet with Los Angeles Department of Water and Power (LADWP) and the Las Vegas Valley Water District (LVVWD) to ensure readiness for distribution system repair and recovery through mutual aid. This agreement is likely to be expanded to include the San Francisco Public Utilities Commission (SFPUC) and the City of San Diego. District staff visited the SFPUC's service yard on October 10, 2025 to review emergency response resources and materials.

On May 28, 2025 the City of Napa provided a presentation to District EOT staff on the city's experience and lessons learned during the 2014 Napa earthquake.

Staff also participate in the Contra Costa County Mutual Aid Coordination monthly meetings and the monthly Alameda County Emergency Managers Association meetings. Staff provide and receive updates on topics relevant to mutual aid such as the counties' Emergency Operations Center's best practices, software, and training events.

District staff regularly attend the Bay Area Urban Areas Security Initiative Emergency Management Working Group as well as the Training and Exercise Work Group meetings. Staff were in attendance for the FEMA Regional Interagency Steering Committee meeting in February 2025.

Federal Regulatory Requirements Related to Dam Safety

The District maintains an Emergency Action Plan for Federal Energy Regulatory Commission (FERC) Project 2916, the Lower Mokelumne River Project. In compliance with FERC requirements, the District completed its annual FERC Emergency Notification Drill. The District exercised FERC notification alerts to downstream and regional stakeholders of the Lower Mokelumne dams using the District's emergency alert system. The annual drill strengthens coordination of FERC-required emergency responses with the District's EOT, which would manage an actual event. As part of the FERC requirements, on November 6, 2024, the District held a Joint Emergency Action Plan Annual Seminar with Jackson Valley Irrigation District, Calaveras Public Utility District, and PG&E in Lodi.

Public Safety Power Shutoffs (PSPS)

PG&E continued its PSPS Program in FY 2025 during high-wind and dry conditions. Power shutoffs can impact District facilities and disrupt operations. In response, the District deploys and tests portable generators and pumps at critical pumping plants during the wildfire season. In FY 2025, the District deployed 19 portable generators, including 14 rentals and five from the District's fleet, at pumping plants in high-risk wildfire regions within the service area. Two minor PSPS events occurred in the District's service area in FY 2025 with no impacts to District

facilities or operations. PSPS will continue to be managed as part of regular business operations and maintenance programs.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: October 9, 2025

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager *CCC*

FROM: Michelle L. Workman, Manager of Natural Resources *MW*

SUBJECT: Joint Study Agreement for Fisheries

SUMMARY

In 2024, the District entered into a settlement agreement with the California Department of Water Resources (DWR) related to the Delta Conveyance Project (DCP). The settlement agreement included implementation of the Joint Study Agreement (Agreement) which committed DWR and the District to jointly fund a study to analyze how Delta hydrodynamics influence salmonid behavior. The research will be a collaborative effort between the District, DWR, and the United States Geological Survey (USGS). The details of the study design, implementation, and reporting will be presented at the October 14, 2025 Planning Committee Meeting, and the Board will consider the agreement to purchase acoustic tags for this effort at its meeting the same day.

DISCUSSION

In accordance with the Agreement, the District will develop a contract with USGS to plan, develop, and analyze a long-term research project investigating the influence of Delta hydrodynamics on key factors affecting out-migrating juvenile Chinook salmon (*Oncorhynchus tshawytscha*) in the Mokelumne River. The contract with USGS is necessary to incorporate data collected into the existing USGS Survival, Travel Time, and Routing Simulation (STARS) model. DWR uses the data to analyze Sacramento River salmonid migration characteristics, and provide consistent data collection, analysis, and modeling with the work that has been done, and will be done as part of this study by DWR. The timeline for finalizing the contract with USGS may be affected by the federal government shutdown, but staff recommend moving ahead with the purchase of the acoustic tags to begin collecting necessary data.

The District will fund tagging of fall-run Chinook Salmon, DWR will provide funding for steelhead tagging, and both agencies will share the cost of data analysis to provide a more robust analysis of potential impacts of the DCP on Mokelumne Fisheries.

The study plan will include tagging salmon and steelhead for five years in total. These years do not need to be in succession, adding flexibility in the study design, to avoid repeated study of

similar year types, if possible, to maximize the chance that the model will detect the full range of variability of conditions in the Delta. DWR will provide \$1 million as their financial contribution to the five-year study to tag steelhead, and EBMUD will provide \$1.425 million for the fall run Chinook tagging.

The research will utilize SS400 acoustic transmitter tags, which are part of the Juvenile Salmonid Acoustic Telemetry System (JSATS), a high-resolution tracking platform developed by the U.S. Army Corps of Engineers. The miniature, injectable tags emit high-frequency signals encoded with unique IDs, allowing researchers to track individual fish as they migrate through the Mokelumne River and Sacramento-San Joaquin Delta. The tag's compact design enables rapid, minimally invasive implantation, improving post-tagging survival and reducing handling stress. Its superior battery performance and signal consistency is the most advanced JSATS-compatible transmitter available, ensuring robust data collection for modeling.

The USGS and EBMUD will utilize the tags to conduct a comprehensive investigation of hydrodynamic effects on Chinook salmon, while DWR investigates those same effects on Mokelumne steelhead. The final report will include summaries of both species and determine whether DWR is responsible for mitigation measures related to DCP operations in the future.

NEXT STEPS

At its October 14, 2025 meeting, the Board will consider awarding a contract to Advanced Telemetry Systems (ATS) to supply acoustic tags to support five years of tagging of both steelhead and fall run Chinook salmon. Authorization of the agreement with USGS to complete the study design and model development needed to start the study will be brought to the Board to consider at a later date due to the federal government shutdown. Data from the acoustic tagging will be analyzed annually for model tuning for future years, and a final report will describe the baseline migratory characteristics of Mokelumne salmonids through the Delta as well as analyze proposed DCP operations on Mokelumne salmonids. If the analysis determines that significant impacts to Mokelumne salmonids will occur under DCP operations, DWR will be responsible for mitigation under the terms of the settlement agreement.

CCC:MLW:sjc