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, August 11, 2026
9:30 a.m.
William "Bill" Patterson Boardroom
375 11th Street
Oakland, CA 94607

Notice is hereby given that the Tuesday, August 11, 2026 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 William "Bill" Patterson Boardroom at 375 11th Street, Oakland, California.

Dated: August 6, 2026

Rischa S. Cole

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, August 11, 2026
9:30 a.m.
William "Bill" Patterson Boardroom
375 11th Street
Oakland, CA 94607

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

Committee Members: Directors Valerie D. Lewis {Chair}, Luz Gómez, and Marguerite Young

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. Regulatory Compliance Semi-Annual Report – January 1, 2026 through June 30, 2026 (Briggs)
2. Dam Safety Program Annual Report (Terentieff)
3. Central Reservoir Replacement Project – Owner Advisor Services (Terentieff)

ADJOURNMENT:

Language and Accessibility Assistance

Board meetings are open and accessible to all members of the public. The William "Bill" Patterson Boardroom is wheelchair accessible. Contact the Secretary's Office at 510-287-0404 or SecOffice@ebmud.com at least 72 hours in advance to request assistance with language interpretation, translation services and disability accommodations.

The Secretary's Office will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require more than 72 hours advance notice.

Document Availability

Materials related to an item on the agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to a regular meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, CA, during normal business hours, and can be viewed on our website at www.ebmud.com. Materials submitted during a regular meeting will be made available to the public by contacting the Secretary's Office at 510-287-0404 or Secoffice@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/kdmpbwwlg2

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

The public may comment on any topic at the start of the meeting, during the public comment period. Comments on agenda items will be heard when the item is up for consideration.

- Each speaker may speak for up to 3 minutes. Those requiring an interpreter are granted additional time. Speakers are called in the order received.
- The Board President or Committee Chair has the discretion to amend public comment times.

In person
- Fill out a speaker card, located at the boardroom entryway, and submit it to the Board Secretary.
- The Board President or Committee Chair will call your name when it is your turn to speak.
- At the podium, state your name and the topic you wish to speak on.

Online
- Join online using the Zoom link on the website or agenda.
- Enter the meeting ID and access code when prompted.
- Use the "Raise Hand" feature when your name is called, turn on the microphone in Zoom, and state your name and topic.

By phone
- Dial the number listed and enter the meeting ID and access code when prompted.
- Press *9 to raise your hand. When your name is called, press *6 to unmute your phone.
- State your name and topic.

Written comments
- Written comments become part of the public record and may be subject to the California Public Records Act.
- Written comments can be sent via email to SecOffice@ebmud.com.
- Comments should include the meeting date for which you want your comment recorded and whether the topic is on the agenda for that meeting.
- Email comments should be submitted by 4:00 p.m. the day before the meeting.
- All comments received before the meeting concludes will be accepted and included as part of the official public record.

To view the livestream of Board meetings, please visit:
https://www.ebmud.com/about-us/board-directors/public-meetings

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: August 6, 2026

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager

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

SUBJECT: Regulatory Compliance Semi-Annual Report – January 1, 2026 through June 30, 2026

SUMMARY

The attached Regulatory Compliance Semi-Annual Report provides the status of the District's efforts to meet the objectives of and to comply with environmental, health, and safety regulations in accordance with District Policy 7.05 – Sustainability and Resilience, Policy 7.09 – Violence Prevention and Workplace Health and Safety, and Policy 7.13 – Security. This report will be presented at the August 11, 2026 Planning Committee meeting.

DISCUSSION

This report covers the period from January 1, 2026 through June 30, 2026. To maintain compliance, many initiatives were active during this reporting period, including Green Business certification of the South Area Service Center; completion of 6,700 employee hours of health and safety training; and completion of a successful Emergency Operations Team exercise involving deployment of emergency bypass hoses across a known earthquake fault zone. Other notable safety, environmental or health-related compliance issues are outlined in the attachment.

CCC:DAB:sd

Attachment: Regulatory Compliance Semi-Annual Report – January 1, 2026 through June 30, 2026

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ATTACHMENT

REGULATORY COMPLIANCE SEMI-ANNUAL REPORT
January 1, 2026 through June 30, 2026

This report summarizes the status of the District's efforts to meet the objectives of and comply with environmental, health, and safety regulations in accordance with District Policy 7.05 – Sustainability and Resilience, Policy 7.09 – Violence Prevention and Workplace Health and Safety, and Policy 7.13 – Workplace and Facility Security during the reporting period.

ENVIRONMENTAL COMPLIANCE

Main Wastewater Treatment Plant National Pollutant Discharge Elimination System (NPDES) Permit Renewal: Staff completed the permit renewal process for the NPDES permit to discharge treated wastewater to the San Francisco Bay and worked cooperatively with the San Francisco Regional Water Quality Control Board during the process. The Final Order was adopted and became effective April 1, 2026.

California Accidental Release Prevention (CalARP) Program for Upper San Leandro Water Treatment Plant (USLWTP): The CalARP program aims to prevent or minimize accidental releases of hazardous substances that pose risk to the public and the environment. Use of ammonia at USLWTP brings the facility under the jurisdiction of CalARP. For many years the District has been regulated as a Program Level 1 facility, the lowest risk category. Recently, the Alameda County Department of Environmental Health (ACDEH) attempted to regulate the facility at a higher and more costly level (Level 2). The District believes the higher level is unjustified and has been working to resolve the matter with ACDEH and the California Environmental Protection Agency (CalEPA). Earlier this year, CalEPA issued a determination that was favorable to the District, but with some implementation details unaddressed. During this reporting period, the District and ACDEH submitted a joint letter to CalEPA requesting clarification of CalEPA's determination. CalEPA is currently reviewing the request.

Green Business Certification: The District continues to pursue Green Business Program certifications. In this reporting period, the South Area Service Center was certified, and the North Area Service Center renewed its certification. Currently, 13 District facilities are certified as green businesses. The District is a proud partner of the California Green Business Program, a network of local programs operated by counties and cities throughout the state. Green businesses exceed all environmental regulations, and implement specific practices to reduce waste, save water, conserve energy, and protect human health.

Lancha Plana Retention Pond: The Lancha Plana Pond is a low-pH mining-influenced water retention pond adjacent to Camanche Reservoir. At the direction of the Central Valley Regional Water Quality Control Board (CVRWQCB), the Lancha Plana Pond embankment continues to be monitored by District personnel during the wet season from November through April. Inspections by staff in this reporting period show the embankment remains stable and functioning as designed. The pond did not spill in the 2025-2026 wet season. Annual monitoring reports are due to the CVRWQCB each fall.

Poison Lake Mine Tailings Ponds Complex: The Poison Lake Mine Tailings Pond Complex consists of a series of three interconnected legacy gold mining ponds which were used for discharge of the metal-laden acid drainage emanating from the a nearby copper mine (Penn Mine). The ponds are located on the northeast shore of Camanche Lake and are dry meadows, having been filled with mine waste and sediments.

In 2017, the U.S. Bureau of Land Management (BLM) and the District completed the upper pond remedial action which consisted of excavation of tailings with high concentrations of metals and their consolidation in an on-site repository at the edge of the upper pond. Additionally, erosion features identified at the site were remediated and stabilized in 2024. Per CVRWQCB, the District has conducted annual surface water monitoring at the site since 2016. In the most recent annual report submitted in October 2025, the District requested to discontinue surface water sampling as data has demonstrated there is no longer a threat to water quality. In January 2026, the District, BLM, and CVRWQCB conducted a site walk to inspect the current conditions at the site. The CVRWQCB Inspection Report concluded that the repository, the associated stormwater infrastructure, and the excavated area on the upper pond were in good condition, supporting the District's request to transition from the surface water quality monitoring to visual monitoring of the site.

Adeline Maintenance Shops: In November 2025, staff submitted an updated Conceptual Site Model and Low Threat Closure Evaluation Report to the Alameda County Department of Environmental Health (ACDEH), requesting regulatory closure of the monitoring efforts associated with former onsite underground storage tanks. Staff believed the report demonstrated that pre-existing environmental concerns related to subsurface soil, groundwater, and soil vapor have been adequately characterized and addressed. In April 2026, the ACDEH declined the closure request and asked for additional soil vapor samples. The District is compiling this additional data and following submittal, anticipates the recent request to be accepted.

Aqueduct Station 379 Polychlorinated Biphenyl (PCB) Remediation: Aqueduct Station 379 is part of the Mokelumne Aqueduct No. 1 recoating project. Samples of the existing coating and soil under the pipeline contained PCBs at levels requiring remediation. The District negotiated remediation requirements with the United States Environmental Protection Agency. The timeline to conduct soil remediation is dependent on the Camanche Reservoir's water level. The work will be conducted once the site is accessible for a minimum of three weeks, likely in calendar year 2027 or 2028.

Sewer System Management Plan (SSMP) for Upcountry Wastewater Collection Systems: The SSMP for the Pardee and Camanche Recreation Areas was updated as required through the State Water Resources Control Board General Order. This SSMP outlines the infrastructure needs and management strategies to ensure compliance with regulations for the upcountry community sewer systems. The SSMP was approved by the District's Board on June 23, 2026.

Non-Compliance Issues

Orinda Water Treatment Plant Residual Chlorine Exceedance: On May 22, 2026, two brief exceedances of the total chlorine residual were recorded at the effluent discharge sample station. Staff notified the San Francisco Regional Water Quality Control Board on May 23, 2026, and submitted the required written report. The exceedances were attributed to a malfunctioning sodium bisulfite (SBS) feed pump. Operations transitioned to a redundant SBS feed pump and manually dosed the treatment basins to restore appropriate dechlorination. Subsequent inspection of San Pablo Creek downstream of the discharge identified no adverse impacts.

Wet Weather Facility (WWF) Effluent Limit Violations: Two effluent limit violations occurred during rainstorms in January 2026. On January 4, 2026, Point Isabel WWF exceeded the total coliform effluent limit. The facility operated as designed, including chemical dosing. The probable cause of this violation was related to sampling. The sample station has been upgraded, and sample practices have been altered to reduce the chances of sample contamination in the future.

On January 5, 2026, the Oakport WWF had a 13-minute chlorine residual violation. Approximately 138,000 gallons of partially treated wastewater was discharged to East Creek Slough. This violation was caused by a failure of the effluent meter during the storm and the subsequent loss of sodium bisulfite dosing because the dosing setpoint was tied to the effluent flow in the control system. The effluent meter was fixed the same night of the violation and control system changes will be made during the dry season so that the programming issue will be resolved before the 2026-2027 wet season.

No penalties have been issued for these violations, but stipulated penalties of $3,000 for the total coliform violation and $10,000 for the chlorine residual violation are expected.

WORKPLACE HEALTH AND SAFETY

Lost-Time Injury Rate (LTIR): As of June 30, 2026, the District's LTIR was 1.47, which is lower than the 1.90 rate recorded on December 31, 2025. The District's KPI goal is 2.5. The LTIR reflects the number of work-related injuries or illnesses resulting in days away from work per 100 employees.

Required Safety Practices (RSPs): The District maintains 52 RSPs providing regulatory guidance for operational activities. RSP 6000 – Workplace Violence Prevention Plan was updated to reflect changes in workgroup responsibility for maintaining the workplace violence log. RSP 1200 – Fall Protection was updated to address regulatory changes and update guidance on hierarchy of fall protection controls, and to clarify the use of fall protection devices.

Local and Joint Safety Committees: The District has 23 Local Safety Committees (LSCs) as well as a Joint Safety Committee (JSC) consisting of Local 444 representation and Operations and Maintenance management staff. A total of 44 LSC meetings were held during this reporting period. LSCs provide a formal means for employees to participate in the District's Safety Program to discuss issues or concerns and be involved with the resolution. The JSC met every

quarter, which provided an opportunity for Local 444 leadership to discuss safety concerns not resolved at the LSC level directly with management.

Training: Staff delivered more than 6,700 employee hours of safety related training, resulting in over 14,000 hours of training for Fiscal Year 2026. The Regulatory Compliance Office Division is also focused on developing e-learning modules to enhance learning efficiency and has developed several training modules with additional ones in development. The department also launched an e-Regulatory Compliance Orientation module for new employees to allow for completion of mandatory training online at a pace that balances with operational needs.

Jobsite Inspections and Facility Audits: A total of 74 job site inspections were conducted during this period, which included inspections of pipeline installations, main breaks, hazardous materials handling, equipment maintenance, and construction support. Of these, 66 were satisfactory, 5 required improvements, and 3 were unsatisfactory. A total of 15 facility audits were performed during the period. The inspections and audits support operational safety and environmental compliance.

Ergonomic Program: As part of the ongoing effort to reduce musculoskeletal injuries, staff conducted 58 ergonomic assessments across the District. These assessments included office workstation evaluations, vehicle-related evaluations, and field-based task evaluations. In addition, the section has collaborated with the Meter Reader/Mechanic staff to evaluate and launch an Industrial Athlete Program. that combines ergonomic assessments and employee training to reduce the risk of musculoskeletal injuries and improve physical readiness. The program evaluates each employee's posture and movement patterns while performing tasks. Employees receive individualized coaching and exercises tailored to their specific needs, as well as broader ergonomics and body mechanics training to promote safe work practices and injury prevention.

Damage Information Reporting Tool (DIRT) Investigations: Staff conducted 11 DIRT investigations after underground utilities were damaged. Two involved mismarked utilities, two involved correctly marked utilities, and seven incidents involved unmarked utilities. The findings from these investigations provided valuable insights, helping field crews during excavations to improve safe work practices around underground utilities.

Annual No Lost Time Injury Celebrations: Eligible Operations and Maintenance Department (OMD) Org units who conduct field work are recognized and celebrated through the OMD Safety Excellence Recognition Program for achieving at least one year without a lost time job injury. Three OMD sections were recognized for achieving one year with no lost time injuries, one division for two years, one division for three years, and one division for seven years. This achievement reflects a strong commitment to safe work practices and incident prevention.

- North Yard (Org 723) achieved one year of no lost time on February 4, 2026.
- Fleet Maintenance (Org 756) achieved one year of no lost time on February 21, 2026.
- FMC East (Org 733) achieved one year of no lost time on March 25, 2026.
- Continuous Ops (Org 727) achieved two years of no lost time on May 22, 2026.
- FMC West (Org 735) achieved three years of no lost time on April 13, 2026.

- Meter Maintenance (Org 754) achieved seven years of no lost time on January 23, 2026.

Industrial Hygiene Program: The District's Industrial Hygiene Program supports exposure monitoring and material sampling to ensure employees are not exposed to hazardous airborne contaminants at unhealthy levels and material sampling to identify the presence of hazardous materials. Six employee exposure monitoring studies, four welding fume area studies, and eight hazardous material sampling surveys were completed. Noise monitoring was performed at the Administration Building from April through June in support of the Administration Building Roofing System Improvements project.

Cal/OSHA Inspections and Citations

Inspection at South Area Service Center (SASC): Following a Cal/OSHA inspection at SASC in October 2025 for an incident involving an injury to an employee's finger, two serious citations were issued in January 2026. Following an informal conference with Cal/OSHA in late January, Cal/OSHA withdrew one citation and reduced the penalty from $16,870 to $8,435 for the other. The District has implemented additional training to reduce the likelihood of similar injuries.

SECURITY AND EMERGENCY PREPAREDNESS

Workplace Violence Investigations: The security office received eight complaints alleging workplace violence. Four cases were deemed to have merit and were investigated. Each of these cases were substantiated and involved the public making threats toward District employees or contractors. The remaining cases were returned to the work group or Human Resources for follow up.

Mobile Security Camera Deployments: Three trailer-mounted camera units were placed at the Wastewater Treatment Plant following a trespassing incident. The units feature multiple cameras, continuous monitoring, intruder alert, and talkdown features to remotely warn trespassers to leave the property.

Emergency Preparedness: The annual Emergency Operation Team exercise was conducted on March 17, 2026. This functional exercise focused on deploying emergency bypass hoses following a simulated magnitude 6.9 regional earthquake. The bypass hose connects damaged sections of the distribution system near earthquake fault zones. New hoses, valves, and deployment equipment were ordered in Fiscal Year 2026.

City of Richmond Evacuation Exercise: The District partnered with Richmond, San Pablo, and El Sobrante, as well as the West Contra Costa Fire Safe Council as part of a large-scale civilian evacuation drill on May 23, 2026. The drill focused on a rapidly spreading fire requiring evacuations in western Contra Costa County. The District educated the community on the importance of personal water storage for emergency preparedness and demonstrated an emergency water Point of Distribution manifold systems.

District Emergency Notification System: District-wide Emergency Notification System (ENS) drills are conducted biannually. District personnel needed to support an emergency are contacted via the ENS to report on their availability. The drill conducted in April 2026 had a 78 percent response rate, which is in line with previously held exercises. The Emergency Operation Team is actively working to upgrade the ENS to a new platform later in 2026.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: August 6, 2026

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager CCC

FROM: Serge V. Terentieff, Director of Engineering and Construction SVT

SUBJECT: Dam Safety Program Annual Report

SUMMARY

This report is provided in accordance with District Policy 9.07 – Dam Safety Program, whereby the District's Chief Dam Safety Engineer (CDSE) provides an annual update on dam safety issues and actions from the previous year related to safety, upcoming activities, and an assessment of the adequacy of the budget to cover dam safety needs. The attached report covers the period from July 1, 2025 to June 30, 2026. This item will be discussed at the August 11, 2026 Planning Committee meeting.

DISCUSSION

The District's Dam Safety Program is overseen by the District's CDSE, Serge Terentieff, in collaboration with the District's Dam Safety Steering Committee (DSSC), to ensure dam safety, structural integrity, and operational security for the protection of life, property and the environment. Staff in the Engineering and Construction, Operations and Maintenance, and Water and Natural Resources departments are tasked with carrying out a wide range of duties to ensure the safety of the District's dams, following the District's Dam Safety Program Guide. As part of this ongoing effort, District staff also recommend and implement dam safety policy updates and capital improvements as needed.

The District's Dam Safety Program covers 23 dams. The California Division of Safety of Dams (DSOD) provides regulatory oversight of 18 dams (see Attachment, Table 1). Of those 18 dams, the Federal Energy Regulatory Commission (FERC) has joint jurisdiction with DSOD over two dams, Pardee and Camanche, as they generate hydroelectric power (see Attachment, Table 2). Five District dams are not regulated by DSOD due to their small size (smaller open-cut treated water reservoirs). Table 3, in the attached report, summarizes all 23 District dams, the category each one falls under (Upcountry, Terminal, and Open-Cut), the corresponding agency with regulatory oversight, if any, and the type of reservoir (i.e., raw or treated water). The District's program meets or exceeds the requirements of DSOD and FERC, as well as the dam-related emergency preparedness requirements of California's Office of Emergency Services (CalOES). Based on this past year's dam-safety related

activities and inspections, the District's dams are considered safe for continued operation.

Highlights from this year's dam safety activities include starting construction of the Lafayette Reservoir Tower Safety Upgrade, advancing instrumentation improvements at four District dams, and beginning a study with the University of California at Berkeley's Center for Smart Infrastructure to evaluate the performance of Pardee and Camanche Spillways. A full summary of activities from the past year are described in the attached report.

NEXT STEPS

Progress will continue on all dam-safety-related capital improvements and the DSSC will continue to meet quarterly to ensure safe operations of all District dams. Dam inspections will be conducted monthly, annual inspections will be conducted with DSOD and FERC, and Emergency Action Planning and Response activities will be scheduled. Updates will be provided in the next annual report.

CCC:SVT:ezb

Attachment: Dam Safety Program Annual Report – July 1, 2025 to June 30, 2026

ATTACHMENT

DAM SAFETY PROGRAM ANNUAL REPORT
July 1, 2025 to June 30, 2026

HIGHLIGHTS

The District's dams are considered safe for continued operation based on the Chief Dam Safety Engineer's (CDSE) knowledge and review of dam-safety-related reports and activities including regular inspections of all facilities and specific engineering studies that were completed by trained engineers, technicians, and inspectors throughout the year, which has been confirmed by the California Division of Safety of Dams (DSOD) and by the Federal Energy Regulatory Commission (FERC) for Pardee and Camanche. Highlights of dam studies, actions, drills, repairs, upgrades, and related activities since the last annual update include:

- Demolition of the Lafayette Reservoir Tower Safety Upgrade began in July 2026 and is expected to be completed in late fall 2026, followed by construction of the conduit retrofits in 2027. Contract completion is scheduled for March 2028.
- DSOD approved the updated sunny-day failure inundation maps for Pardee and Camanche in March 2026. The maps will be included in the Emergency Action Plans (EAPs) for the California Governor's Office of Emergency Services (CalOES) and FERC as part of the 2026 annual update.
- The District performed concrete repairs at the Briones Spillway.
- The District initiated a three-year study with the University of California at Berkeley's Center for Smart Infrastructure (CSI) to study Pardee and Camanche spillways for erodibility and hydraulic performance assessments.
- The District continued planning instrumentation upgrades, data acquisition systems, and data communication systems at Pardee, Camanche, Briones, and Lafayette reservoirs.
- The District conducted the annual Pardee and Camanche emergency preparedness drill in September 2025 and seminar in November 2025 with internal and external stakeholders, including emergency response personnel, as required by the FERC EAP program.

EMERGENCY RESPONSE AND PREPAREDNESS

District Policy 7.03 – Emergency Preparedness/Business Continuity requires an active Emergency Preparedness Program that includes an Emergency Operations Plan (EOP) to manage the District's response during an emergency and protect people, property, and the environment. Dam-specific EAPs are hazard-specific response plan annexes of the EOP and contain more detailed information to support staff response. The dam-specific EAPs are overseen by CalOES and DSOD. FERC also oversees the EAP for Pardee and Camanche. The District regularly updates the EAPs and conducts emergency preparedness drills.

The following dam safety emergency response and preparedness activities took place during the current reporting period:

- In September 2025, the District conducted its Annual Notification Drill for the Pardee and Camanche EAP for internal and external EAP holders.
- In November 2025, the District co-hosted the annual seminar for the Pardee and Camanche EAP in the City of Lodi with Jackson Valley Irrigation District, Calaveras Public Utility District, and Pacific Gas & Electric Company (PG&E). The seminar included an overview of each agency's dam facilities, highlights of the updated EAP content, guest speaker presentations on emergency preparedness, and group discussions on enhancements to EAP content.
- The District published the Pardee and Camanche EAP and began issuing the plan electronically in November 2025. This was a comprehensive update, with a full reprint, which is completed every 5 years. Revisions included updates to the notification chart and figures. DSOD approved the sunny-day failure inundation maps for Pardee and Camanche in March 2026, which will be included in the EAPs for FERC and CalOES review.
- The District issued the annual update to the CalOES-approved Local Dam EAPs to external plan holders in May 2026 to ensure that documents are up to date.
- In January 2026, the District provided edits to the City of Oakland for their Local Hazard Mitigation Plan. The City of Oakland is within the dam breach inundation area of Central, Chabot, Dunsmuir, and Upper San Leandro dams. DSOD has assessed these dams with the highest condition assessment rating (satisfactory) indicating there are no identified dam safety deficiencies. There are also no identified dam safety deficiencies on the 39th Avenue Dam and Upper San Leandro (USL) Clearwell Dam, which are located in Oakland and not regulated by DSOD.
- In February 2026, the District submitted the annual Status Report to FERC summarizing the outcomes and lessons learned from the Pardee and Camanche EAP September 2025 drill and November 2025 seminar.
- In September 2025, the District certified the updated EOP with the U.S. Environmental Protection Agency. The update included information about the District's dams.
- In September 2025, District select staff completed the Department of Homeland Security Cybersecurity and Infrastructure Security Agency (CISA) training on the Security and Protection of Dams and Levees.
- In December 2025, key dam safety District staff and management, along with other District Emergency Operations Team members, completed 24-hour training and were certified by CalOES for Intermediate Incident Command System for Expanding Incidents (ICS 300), as required under the California Standardized Emergency Management System (SEMS) and the National Incident Management System (NIMS).

DAM SAFETY STUDIES AND IMPROVEMENTS

The following are key highlights from the District's current and upcoming dam safety capital projects and studies.

Lower Mokelumne River Dam Breach Inundation Maps. The District transmitted its updated sunny-day dam breach inundation maps for Pardee and Camanche Reservoirs to FERC and DSOD in 2024. FERC's review is pending. DSOD approved the maps in March 2026 after the District incorporated minor comments from DSOD. The new maps will be included in the EAPs for CalOES and FERC when they are issued as part of the annual update process.

Lafayette Tower Safety Upgrade. The Board awarded the construction contract for the Lafayette Reservoir Tower Safety Upgrade project on November 25, 2025 in the amount of $14,490,490. Site work, including road widening, temporary boat ramp improvements, barge placement, and scaffolding installation began in May 2026. Demolition of the tower, starting with the operating house removal, began in July 2026 and is expected to be completed in late fall 2026, followed by construction of the control house and valves in 2027. Demolition work at the valve vault on the dam face for the spillway and outlet conduits is scheduled for the fall 2026 and will be followed by construction of the conduit retrofits in 2027. The project is expected to be completed in January 2028. Staff continued its coordination and outreach with the community, including updating the public website, conducted public meetings on October 9, 2025 and February 26, 2026, and provided monthly status updates to the City of Lafayette and other stakeholders. Staff is currently developing a plan to preserve a portion of the tower and build a commemorative display and will follow up with stakeholders when the plan is established.

Upcountry Flood Studies. The District and PG&E continued with the partnership agreement to commission a site-specific probable maximum precipitation (SS-PMP) study for the Mokelumne River watershed and perform a site specific probable maximum flood (SS-PMF) analysis based on the SS-PMP. Staff coordinated with PG&E to develop a work plan for the SS- PMP analysis. The work plan includes the project scope and timeline, which will be submitted to FERC and DSOD for approval. Upon approval, the District and PG&E will issue a joint request for proposals. Staff expects to bring an agreement for Board consideration in 2027.

USL and Chabot Flood Studies. This project consists of performing flood modeling of the USL and Chabot watersheds using updated precipitation data and evaluating the performance of each spillway and developing alternatives for upgrades, if needed. Tasks include hydrologic model development, SS-PMP and SS-PMF analysis, probabilistic flood hazard analysis (PFHA), and numerical and potentially physical spillway modeling. Work on the hydrologic model of the San Leandro Creek watershed has been completed, including calibrating the model to several large storm events in April 1958, October 1962, January 1982, February 2017, and December 2022. The next phase includes using the calibrated watershed model to compute the SS-PMF from the SS-PMP and perform the PFHA analyses. The nonprofit Research Triangle Institute (RTI) is being contracted to develop the SS-PMP for the watershed and to guide staff on the PFHA study.

Terminal Dam Spillway Condition Assessments. The Dam Spillway Condition Assessment program included a comprehensive evaluation of each dam's spillway in 2019, which was reviewed by DSOD. During the reporting period, two concrete spalls were repaired and select joints and cracks were sealed at Briones Spillway by staff.

Upcountry Dam Spillways Condition Assessments and Upgrades. The District entered a partnership with CSI in July 2025 to perform a state-of-the-art three-year study at the unlined channels at Camanche and Pardee spillways. The study will identify and quantify rock erosion potential under a series of modeled spillway flood events, and CSI will develop recommendations for mitigation, rehabilitation, operational practices, and continued monitoring. This project began in July 2025 and is currently using an unmanned aerial vehicle to collect multispectral (visible and infrared) imaging data for use in the initial computational fluid dynamics modeling. The computational fluid dynamics model will show the erosive capabilities of different spillway flows and will be used with the rock quality and imaging data to show the location and quantity of erosion that can be expected for different storm events.

As part of the Upcountry Spillway Evaluations and Upgrades project, the District filed a Dam Alteration Application with DSOD in February 2026 to install fifty-seven 10-inch-square stainless steel flow deflectors at Camanche spillway to prevent spillway water and debris from entering the subdrain system. DSOD acknowledged the application and it is pending review. Upon approval, the flow detectors will be installed by District forces.

The District developed a Pardee Spillway Condition Assessment Program following the recommendations from the Ninth FERC Part 12D report, which noted evidence of delamination and deterioration of the concrete chute and rock erosion in the unlined channel. This work is being performed by District staff to evaluate the spillway design versus modern design practices, quantify structural defects, and assess potential failure modes associated with the spillway.

Camanche and Pardee Stability Study. As reported in prior years, the facilities at Camanche and Pardee were evaluated for static, flood, and seismic loading conditions, in compliance with the Eighth and Ninth FERC Part 12D reports. The evaluations and recommendations were documented in three reports submitted to FERC and DSOD in 2025: (1) Camanche Dam and Spillway, (2) Pardee Dam, and (3) Pardee Spillway.

The study found that the earthquake loading may damage the Camanche valve house floor and recommended retrofitting the floor and adding means to actuate the valves remotely from the Pardee Area Control Center. The report also found that the bridge at the Camanche Spillway, although unlikely to collapse in a major earthquake, would not be suitable for vehicles or pedestrians to cross and should be retrofitted to meet modern seismic design standards. All other structures at Camanche were determined to have adequate strength and stability for the static, flood, and seismic loading conditions. The FERC and DSOD reviews of the Camanche report are pending.

The study concluded that Pardee dam and spillway are stable and safe from overstressing in all loading conditions. The FERC review is pending. DSOD responded in May 2026, stating that they have no concerns regarding the stability of the dam or spillway.

The District will finalize the reports to address any regulatory comments, and plan project scopes and budgets to address the Camanche valve house and spillway bridge recommendations. These projects are included in the upcoming Capital Improvement Program (CIP). The schedule will be updated if regulatory review and/or comments are received during the CIP development cycle.

Camanche and Pardee Surveillance Improvements Program. In 2022, the District prepared a *Piezometer Evaluation Report and Programmatic Improvement Plan* to abandon 121 piezometers, install new multi-level piezometers at 15 locations, and upgrade existing standpipe piezometers with modern electronic probes as part of a remedial and preventive maintenance program. The program includes a thorough evaluation of hydrologic surveillance and implementation of hydrologic collection and monitoring upgrades, which supports the FERC Part 12D recommendations and includes collaborative input from DSOD.

The regulatory agencies requested that the District prepare Drilling Program Plans for Camanche and Pardee to document the drilling means and methods, geologic cross sections, field logging, quality control and quality assurance, and measures taken to ensure safe dam drilling and instrumentation installation. The Camanche Drilling Program Plan was submitted to FERC and DSOD in May 2025, and the Pardee Drilling Program Plan is being prepared and will be submitted in fall 2026. The District will implement these monitoring-enhancing projects upon FERC and DSOD approval. The program also includes upgrades to the automatic global positioning system (GPS) surveillance systems with modern communication and data acquisition systems, which started in January 2026 and is nearly complete as of June 30, 2026. Remaining work on the GPS surveillance systems includes upgrades the solar panels and charge controllers and replacement of two GPS radio units, which is scheduled for the fall 2026.

Local Dam Safety Reviews. The District performs periodic safety reviews for the local dams to ensure that the seismic and other evaluations are current, and to document upcoming tasks, including repairs, studies, and the need to add projects to the CIP. During the reporting period, safety reviews were completed for Almond and Maloney reservoirs. The reports confirmed that the dams are safe and that the seismic deformations are within acceptable tolerances for the Maximum Considered Earthquake.

DAM INSPECTIONS, SURVEILLANCE, AND REPORTING

Staff performs monthly dam inspections and collects monthly dam safety surveillance instrumentation data. District engineers review the inspections and issue maintenance work orders or develop capital projects, as necessary, and evaluate the instrumentation data to ensure there are no dam performance concerns. In addition, the District conducts annual inspections with FERC and DSOD inspectors and submits annual reports.

The dates for the latest DSOD inspections, valve exercises, and reports for the last year are shown in Table 1, and the dates for the FERC inspections and dam safety reports submitted to

FERC are shown in Table 2. No significant issues were identified. Table 3 lists all District dams, the regulatory agency for each and identifies those that are overseen and inspected by the District but not regulated due to their small size.

UPCOMING ACTIVITIES

In addition to continuing work on the projects described above, the upcoming dam safety activities for next fiscal year will continue rehabilitation, repairs, and upgrades following recommendations from the Eighth and Ninth FERC Part 12D reports, and routine maintenance in response to FERC and DSOD inspection report comments. Specific items are upcountry dam spillways condition assessments and upgrades, local reservoirs surveillance improvements, USL dam blowoff improvements, dam safety training, Briones Reservoir isolation valve relocation, and San Pablo Dam seismic valve improvements, as described below.

Underwater Inspections of Camanche Dam and Pardee Dam. The Ninth FERC Part12D report recommended that the District inspect the Camanche Outlet Works and the underwater face of Pardee Dam for concrete defects, spalls, cracks, or other signs of stress and degradation. The District is reviewing proposals that were submitted in April 2026 in response to a request for proposal for diving and remote-operated vehicle inspection services for the Camanche low-level outlet conduits, Camanche high-level outlet conduit, Pardee Dam underwater face, and Pardee Dam penstock and sluiceway gatewells. Award of this contract is anticipated in fall 2026. The inspection work is anticipated to take place during the fall to winter 2026 at Pardee and summer to fall 2027 at Camanche. The District will evaluate the inspection records, assess the condition of the inspected structures, and plan for repairs, if needed.

Local and Upcountry Reservoirs Surveillance Improvements. The District is planning rehabilitation and upgrades to surveillance and monitoring instruments at the local reservoirs, which will be designed in Fiscal Years (FY) 2027 and 2028. The identified improvements include Briones Dam piezometer upgrades (FY 2028 – FY 2029) and Lafayette Dam piezometer replacement (FY 2028).

Between FY 2028 and FY 2029, the District will perform piezometer upgrades at Briones Dam. The District will abandon the existing pneumatic piezometers and replace them with new grouted-in-place vibrating wire piezometers, which are a widely used modern solution. The District is working with DSOD on approval for the overall project scope and approach with informal plans submitted to DSOD in December 2024 and intends to submit a formal Dam Alteration Application by spring 2027. This project will proceed after approval by DSOD. Piezometers at Lafayette Dam will be installed after construction is complete on the Lafayette Reservoir Tower Safety Upgrade and include the replacement of two malfunctioning piezometers with grouted-in-place piezometers. Additional piezometers may be installed at Lafayette Dam based on a comprehensive review of the piezometer performance and understanding of the piezometric conditions within the dam, foundation, and abutments. A Dam Alteration Application for this work will be prepared and submitted in summer 2027.

The District is planning a series of hydrologic surveillance improvements to rehabilitate and upgrade seepage monitoring at the Camanche and Pardee dam facilities. Seepage monitoring

systems are critical for identifying potential failure modes, as they rely on accurate measurement of flows at key collection points. Implementation of the hydrologic surveillance improvements is scheduled for completion by December 2027.

Embankment Dams Seismic Fragility Study. To enhance the District's understanding of dam seismic performance and to assist with emergency response, the District is planning a three-year project with CSI under the Phase 2 Agreement (executed on July 30, 2025) to develop seismic fragility curves for its portfolio of dams. This will help the District prioritize inspections after earthquake events based on specific earthquake characteristics such as velocity pulses, duration, and spectral accelerations near fundamental periods of each dam. This study will also include a detailed evaluation of Lafayette Dam, including a soil sampling program to better define soil properties and seismic response of materials within the dam. Staff met with DSOD on March 19, 2026, where the agency shared preliminary findings under their new risk-based evaluation program. The information from this study will support further risk-based evaluations of the dam. This project is scheduled to kick off in fall 2027.

Sobrante Clearwell Liner Rehabilitation and Sealant Upgrades. The District is planning rehabilitation of the Sobrante Clearwell joint liner and upgrades to prevent debris from entering perimeter windows and access doors. Leakage through the clearwell liner has been increasing in recent years with many instances of subdrain flow readings exceeding the normal thresholds, and the joint liner material has locally failed requiring repairs. In addition, there was an event that required a shutdown and cleaning of the clearwell due to mud debris entering through the access door on February 17, 2026. This project will protect water quality and dam safety by mitigating leakage through the subgrade that can lead to voids and other degraded conditions under the clearwell concrete surface. These upgrades are planned for December 2027 through March 2028.

USL Dam Blowoff Improvements. The blowoff valve that lowers the USL reservoir level by releasing water to San Leandro Creek is partially submerged, which has led to increased maintenance and the need to remove and refurbish the valve in 2025. The District is developing plans to upgrade the USL Dam blowoff valve starting with a sediment study and alternative evaluation in 2027, followed by a design in 2028 that will maintain the ability to drain the reservoir while reducing the need for maintenance. The work is under the jurisdiction of DSOD and is funded for planning and design starting in FY 2027.

Briones Reservoir Isolation Valve Relocation. The Briones Reservoir isolation valve isolates the water in Briones Reservoir from the water in Briones Aqueduct. Although the valve does not present a dam safety issue, it is in a 250-foot-deep vault, which requires significant safety mitigation measures for maintenance activities. District staff completed the survey work in spring 2026 and are now leading the design, which will move the valve to another location where the depth would be approximately 30 feet.

Dam Safety Program Audit and Guide. The District annually updates the Dam Safety Program Guide developed under the District's Owner's Dam Safety Program, as required by FERC. In addition, FERC requires an independent audit every five years, with the next audit due by the end of 2026. An independent consultant auditor has been selected and will perform the audit in the coming months.

FERC Part 12D Five-Year Dam Safety Inspections. Per FERC Part 12D requirements, dam safety inspections and evaluations must be conducted every five years by an independent consultant (IC) team, which assesses the structural and operational conditions of the dams, documents safety conditions, and recommends corrective measures to ensure continued safe operation of the Pardee and Camanche Dam developments. Starting with the current Part 12D cycle, FERC requires two types of Part 12D reports. The first is the simplified periodic inspection, which is an independent review of the project and its recent performance, and is due to FERC by March 10, 2027. The second is the more detailed comprehensive assessment, which is a thorough evaluation of the project's dam safety, including operational history and performance with a potential failure mode analysis and a semi-quantitative risk analysis . The comprehensive assessment will be completed five years after the periodic inspection. The District is currently procuring an independent consultant team for the periodic inspection through the request for proposal process.

FERC Physical Security Inspections. On August 3, FERC's Security Branch held a virtual meeting with District staff to review the District's documentation related to its security plans, security assessments, and consequence data for Pardee and Camanche Dams. This review ensures compliance with FERC's established security standards. FERC is scheduled to complete an onsite inspection of the District's upcountry dams on August 12, 2026 and August 13, 2026.

Dam Safety Training. Dam safety training was provided to select staff in FY 2026. Training will continue in FY 2027 for new employees, with refresher training for current employees, in accordance with the training content and schedule in the District's Dam Safety Program Guide.

Terminal Dam Spillway Condition Assessments. The District will continue implementing the DSOD-approved multi-year work plan. The activities planned for FY 2027 – FY 2028 include hydraulic testing of underdrain systems using low-pressure water sources with biodegradable food-grade dyes to identify the functionality of the subdrains and deploying more sophisticated non-destructive testing such as impact-echo and impulse-response methods to ascertain if there are structural defects in the concrete slabs.

FISCAL IMPACT

Funds from ongoing capital and operating budgets have sufficiently supported the efforts of the Dam Safety Program and additional funding will be requested as part of the FY 2028 and FY 2029 adopted capital budget. The Dam Safety Program Steering Committee reviews the budget as part of its ongoing work and will recommend adjustments as needed.

Table 1: Current DSOD Dam Inspections, Reports, and Valve Exercises

Dam Name	DSOD Inspection Date	DSOD Report Date[(a)]	DSOD Valve Exercise[(b)]
Almond	2/10/2026	5/22/2026	2/28/2024
Argyle #2	2/9/2026	5/22/2026	2/14/2024
Briones	6/3/2026	5/22/2026	5/15/2024
Camanche	10/22/2025	5/29/2026	10/28/2025
Central	6/2/2026	5/22/2026	2/15/2024
Chabot	6/2/2026	5/22/2026	12/17/2024
Danville	2/10/2026	5/22/2026	2/29/2024
Dunsmuir	2/10/2026	5/22/2026	2/28/2024
Lafayette	6/2/2026	5/22/2026	2/20/2025
Leland	2/9/2026	5/22/2026	2/29/2024
Maloney	2/9/2026	5/22/2026	2/14/2024
Moraga	2/9/2026	5/22/2026	2/29/2024
North	2/9/2026	5/22/2026	2/14/2024
Pardee	10/21/2025	5/29/2026	10/21/2025
Piedmont	2/10/2026	5/22/2026	(c)
San Pablo	6/3/2026	5/22/2026	2/05/2025
Sobrante Clearwell	2/9/2026	5/22/2026	2/14/2024
Upper San Leandro	2/10/2026	5/22/2026	2/10/2026

Notes:

a) The annual DSOD report for local dams is up to date with the next report planned for June 1, 2027.
b) Valves are required to be exercised every three years. The valve exercise program is up to date.
c) Piedmont Reservoir is out of service and is empty.

Table 2: Current FERC Dam Inspections and Dam Safety Reports Submitted to FERC

Dam Name	FERC Inspection Date	Report Date
Camanche	04/20/2026 to 04/22/2026	03/30/2026
Pardee	04/20/2026 to 05/22/2026	03/30/2026

Table 3: District Dams. Category, Regulatory Agency, and Reservoir Type

Dam	Category	Regulator			Reservoir Type
		FERC	DSOD	No Regulator (District Oversight Only)	
Camanche	Upcountry	x	x		Raw Water
Pardee	Upcountry	x	x		Raw Water
Briones	Terminal		x		Raw Water
Chabot	Terminal		x		Raw Water
Lafayette	Terminal		x		Raw Water
San Pablo	Terminal		x		Raw Water
Upper San Leandro	Terminal		x		Raw Water
Almond	Open-Cut		x		Treated Water
Argyle #2	Open-Cut		x		Treated Water
Central	Open-Cut		x		Treated Water
Claremont	Open-Cut			x	Treated Water
Danville	Open-Cut		x		Treated Water
Dunsmuir	Open-Cut		x		Treated Water
Fay Hill	Open-Cut			x	Treated Water
Leland	Open-Cut		x		Treated Water
Maloney	Open-Cut		x		Treated Water
Moraga	Open-Cut		x		Treated Water
North	Open-Cut		x		Treated Water
Piedmont	Open-Cut		x		Treated Water
Sobrante Clearwell	Open-Cut		x		Treated Water
USL Clearwell	Open-Cut			x	Treated Water
39th Avenue	Open-Cut			x	Treated Water
Watson	Open-Cut			x	Treated Water
Totals:	**23**	**2**	**18**	**5**	

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: August 6, 2026

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager CCC

FROM: Serge V. Terentieff, Director, Engineering and Construction SVT

SUBJECT: Central Reservoir Replacement Project – Owner Advisor Services

SUMMARY

The District selected a consultant to provide owner advisor (OA) services for the Central Reservoir Replacement Project (Project). The OA role is a key component of the progressive design build (PDB) project delivery method, which is a new approach for the District. Under a single agreement, the OA will assist the District with procuring the design-build entity (DBE) and provide technical advisory services throughout design and construction. The OA will also provide specialized expertise to support procurement, project decision-making, and risk management. The OA will supplement District staff while the District retains responsibility for project oversight and decision-making. Staff anticipate requesting authorization of the proposed OA services agreement at the Board meeting on September 8, 2026. A summary of the Project and an overview of the proposed OA services agreement will be presented at the August 11, 2026 Planning Committee meeting.

DISCUSSION

The District has traditionally delivered capital improvement projects using the design-bid-build method. Based on the results of an evaluation of different project delivery options, including design-bid-build, the District is recommending implementation of the Project using the PDB delivery method. PDB enables the District to select a single DBE based on qualifications, experience, and collaborative approach, rather than solely on the lowest responsive bid. This method is well-suited for projects like the Central Reservoir Replacement Project that can benefit from early collaboration, risk sharing, and flexibility during design development, helping manage project risks earlier in the design process and supporting successful project delivery. Throughout the project, the OA will provide specialized expertise while the District retains decision-making authority.

A presentation about collaborative project delivery methods was provided at the May 13, 2025 Planning Committee meeting, and a presentation on the PDB delivery method and related OA services was provided at the April 14, 2026 Planning Committee meeting, both related to the Dewatering Improvements Project. For the Central Reservoir Replacement Project, the District is

applying the same PDB delivery concepts that were discussed with the Planning Committee on April 14.

To support the Project, the District issued a request for proposals to procure OA services to assist the District with the procurement of the DBE and provide technical advisory services throughout project delivery.

Unlike the District's recently adopted phased contracting approach for design consultants, which was presented at the September 9, 2025 Planning Committee meeting, the OA services will be provided under a single professional services agreement that spans the entire duration of the project, through completion of construction. A single agreement is recommended because the OA's role spans procurement, design, and construction, and continuity of advisor involvement is critical to maintaining project knowledge, supporting consistent decision-making, and avoiding the need for multiple procurements. This structure provides continuity throughout the project while allowing the District to authorize as needed services for each phase.

The OA will provide support during the three phases of the project: DBE procurement, design, and construction. Throughout each phase, the OA will support the District while fostering a collaborative working relationship between the District and the DBE. The specific services performed by the OA will vary throughout the project and will be authorized by the District as needed.

Procurement Phase
The OA will support the District in conducting market outreach to notify potential proposers of the project, assess industry interest and availability, and identify potential barriers to competition. The OA will also assist with developing and refining procurement documents, including the DBE contract and supporting procurement materials.

Design Phase
The OA will provide technical advisory services by supporting design development, evaluating cost estimates, facilitating value-based decision-making, and coordinating input from District stakeholders to support informed project decisions and help ensure project objectives are achieved. The OA will also assist with stakeholder research, outreach planning, and development of project communication materials.

Construction Phase
The OA will provide advisory support to the District's construction management team, including monitoring project cost and schedule, reviewing quality assurance and quality control processes, and supporting contract administration to help manage project risks and support successful project delivery.

NEXT STEPS

Staff will update the Board on key project milestones and the District's implementation of the PDB delivery method. The proposed OA agreement is expected to be brought to the Board for consideration at its September 8, 2026 meeting. Authorization of the OA agreement is needed to support the upcoming procurement of the DBE and implementation of the PDB delivery method. The DBE contract is expected to be brought to the Board for consideration in July 2027.

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