



# Regulatory Compliance Semi-Annual Report

January through July 2025

Planning Committee

August 12, 2025

David Woodard, Manager of Regulatory Compliance

# Agenda

- Environmental Compliance
- Workplace Health and Safety
- Security and Emergency Preparedness

# Wastewater Treatment Plant Inspections

- On March 18, 2025, the San Francisco Regional Water Quality Control Board (SFRWQCB) performed a National Pollutant Discharge Elimination System (NPDES) permit inspection. No issues identified.
- On April 16, 2025, the Bay Area Air Quality Management District (BAAQMD) performed a Major Facility Review (Title V) air permit inspection. No issues identified.

# Sobrante Water Treatment Plant Underground Storage Tank (UST) Closure

- 1,000-gallon tank historically used for diesel fuel to power the emergency generator
- On June 10, 2025, the UST was made inoperable and abandoned in place under permit authorization from Contra Costa County
- Tank is no longer subject to UST regulatory requirements or ongoing inspections. Closure eliminates any future environmental concerns.
- A new aboveground storage tank equipped with a monitoring system was installed to power the generator

# Trench Soils Program

- Staff processed 137 Trench Spoils Investigation Requests in support of Pipeline Rebuild
- Over 12,000 tons of contaminated soil was identified for direct disposal at Keller Canyon Landfill
- Improvements made to Briones storage site to reduce erosion and improve stormwater management



*Stormwater retention pond at Briones District Owned Storage Site*

# Green Business Certification

- Adeline Maintenance Center Administration Building was certified as a Green Business
- 12 District facilities are now certified
- Green Business areas of focus include reduced water usage, energy conservation, avoided waste, recycled materials, and promotion of alternative transportation for employees



*California Green Business Program logo*



*District employees holding certificate*

# Oakport Wet Weather Facility

- February 4, 2025, total coliform sample in the effluent exceeded limit
- Inadequate disinfection due to faulty valve operation in temporary piping needed to support construction
- Staff inspected, cleaned, and checked valve for proper function
- Subsequent total coliform samples met the limit
- Small monetary penalty is expected for this violation

# Oakport Wet Weather Facility

- Two unauthorized discharges of treated wastewater
  - April 15, 2025 – 21,350 gallons
  - June 12, 2025 – 2,000 gallons
- Both occurred during monthly training exercises
- Due to the effluent gates not operating properly
- Adjustments were made to the gates
- Facility is only authorized to discharge during wet weather
- Minimal impacts due to discharge



*Effluent gates at Oakport Wet Weather Facility*

# Workplace Health and Safety Lost Time Incident Rate (LTIR)

	LTIR
LTIR as of June 30, 2025	1.62
LTIR as of June 30, 2024	2.25
Key Performance Indicator	3.0

# Cal/OSHA Notice of Complaint

- March 10, 2025 – Complaint regarding temporary stairs at Orinda Water Treatment Plant (WTP) construction project
  - Complaint cited inadequate handrails and insufficient lighting
  - District coordinated with the contractor to make improvements
  - Response submitted to Cal/OSHA on March 20, 2025
- May 16, 2025 – Complaint regarding traffic control and worker safety
  - District was operating under an approved traffic control plan by Caltrans through the City of Oakland
  - Staff confirmed proper traffic control was in place
  - Response submitted to Cal/OSHA on May 21, 2025

# Cal/OSHA Inspection at Upper San Leandro WTP

- June 18, 2025 – Inspection triggered by a Serious Injury report by electrical contractor
- Contract employee suffered a fall and dislocated their toes
- Inspection focused on the contractor, but a document request was issued to the District
- District responded to Cal/OSHA on June 25, 2025

# Questions?





# Dam Safety Program Annual Report

Planning Committee

August 12, 2025

Elizabeth Bialek, Engineering Manager

# Presentation Outline

- Inspection, Surveillance and Reporting
- Emergency Response and Preparedness
- Studies and Improvements
- Upcoming Activities
- Summary and Next Steps

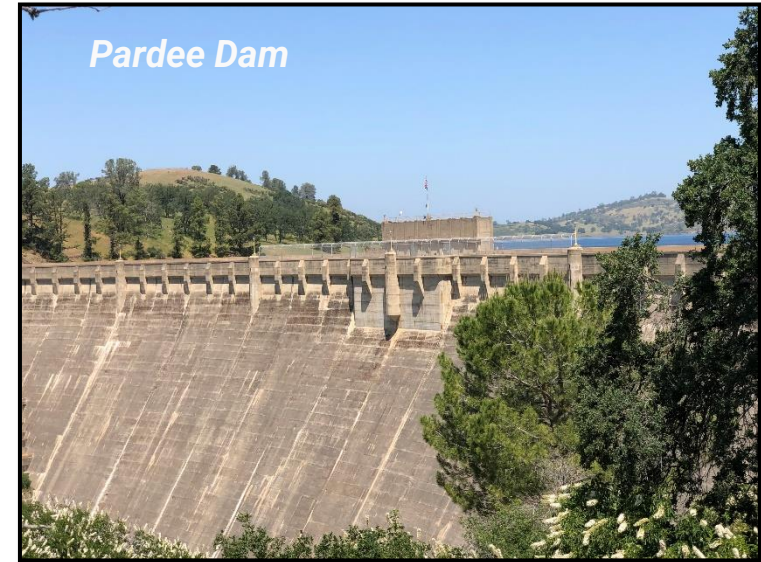




# Inspection, Surveillance, and Reporting

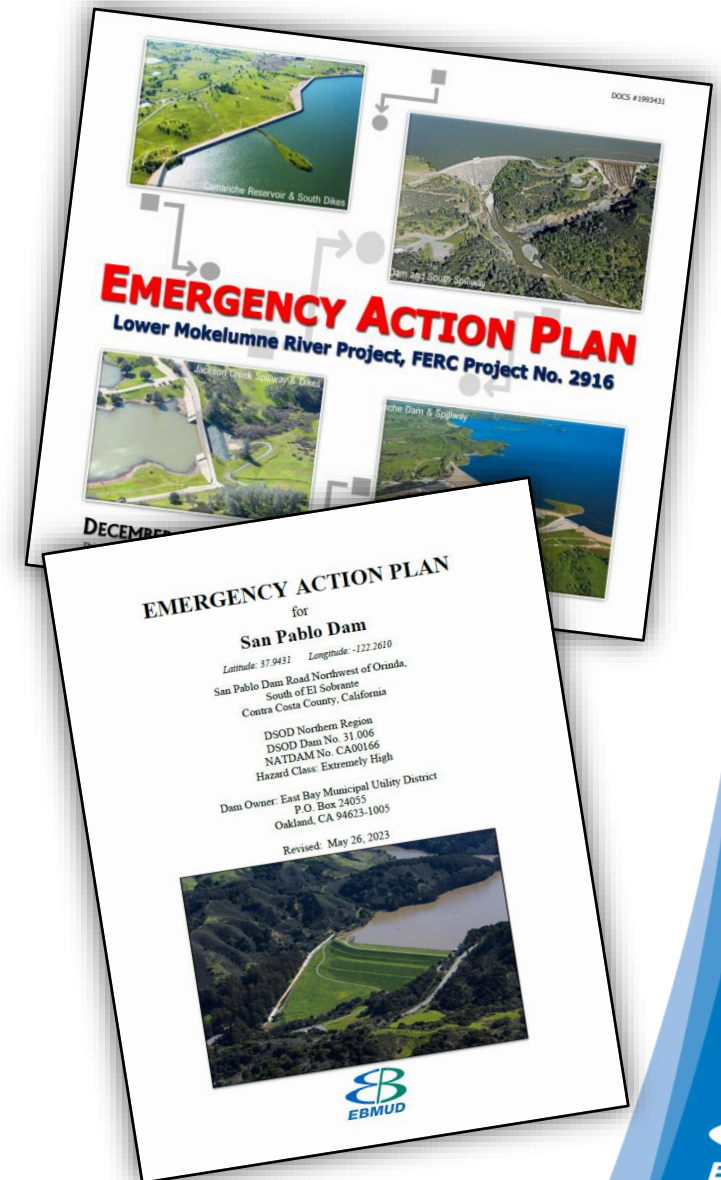
- Monthly inspections of all dams.
- Annual inspection & surveillance reports submitted to regulatory agencies.

***All District dams are considered safe  
for continued operations***



# Emergency Response & Preparedness

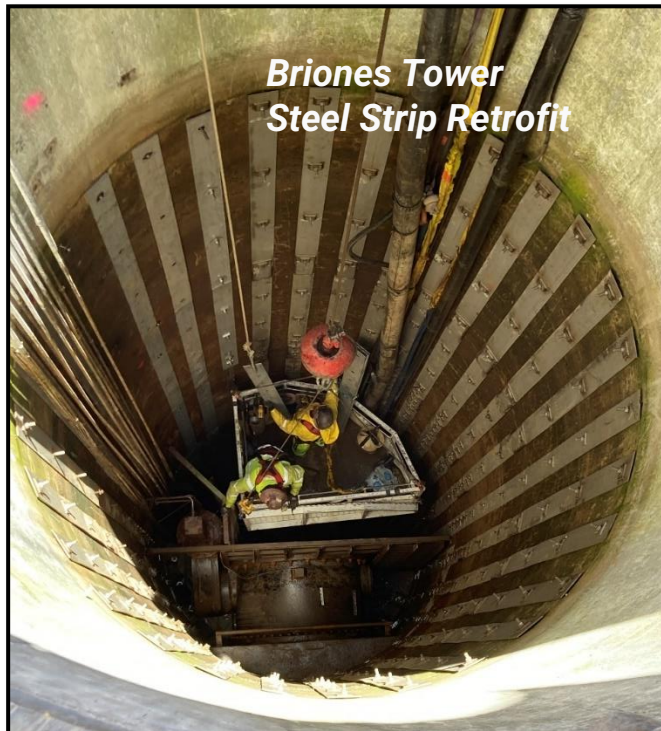
- Held annual FERC Emergency Action Plan (EAP) Notification Drill in October 2024 and Seminar in November 2024.
- Updated Earthquake Annex to the EOP in October.
- Received California Governor's Office of Emergency Services (CalOES) approval of Dunsmuir, Central, Moraga, and Danville Reservoir EAPs in November. All local reservoir EAPs have been approved and transmitted to plan holders.
- Received CalOES approval of Pardee and Camanche EAP in February.
- Provided updates to the Local Hazard Mitigation Plans for the City of Piedmont in December and May, and for the City Oakland in May.
- Schedule new and refresher FY 2026 Dam Safety Training for employees.



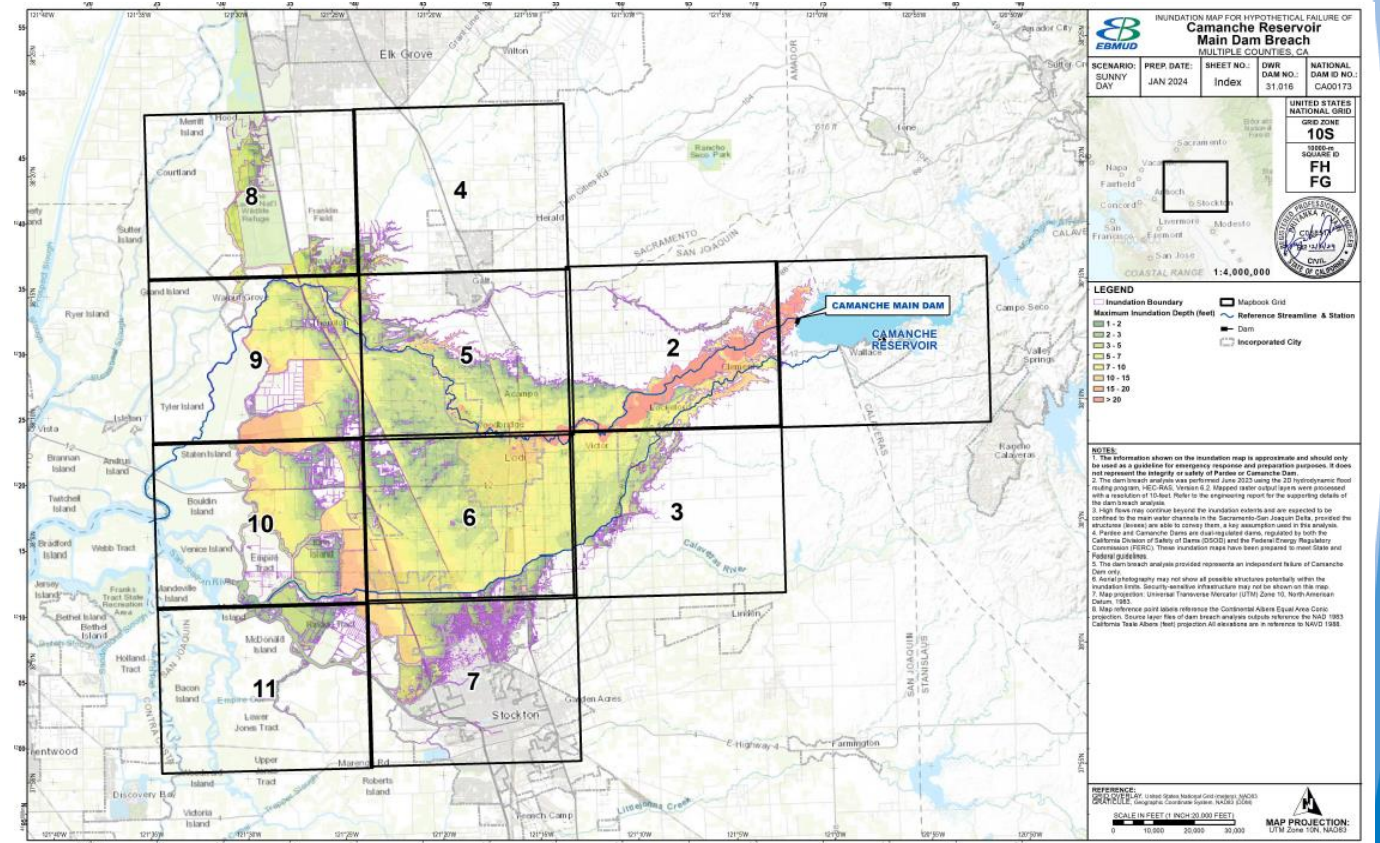
# Studies and Improvements

## Lower Mokelumne River Dam Breach Inundation Maps

- Updated inundation maps transmitted to FERC and DSOD.



Briones Tower Steel Strip Retrofit



## Briones Tower Modifications

- Received DSOD approval of constructed project.

# Studies and Improvements

## Lafayette Tower Safety Upgrade

### Summer – Fall 2025 - Construction Planning

Advertise, Award in October, Transfer to Construction

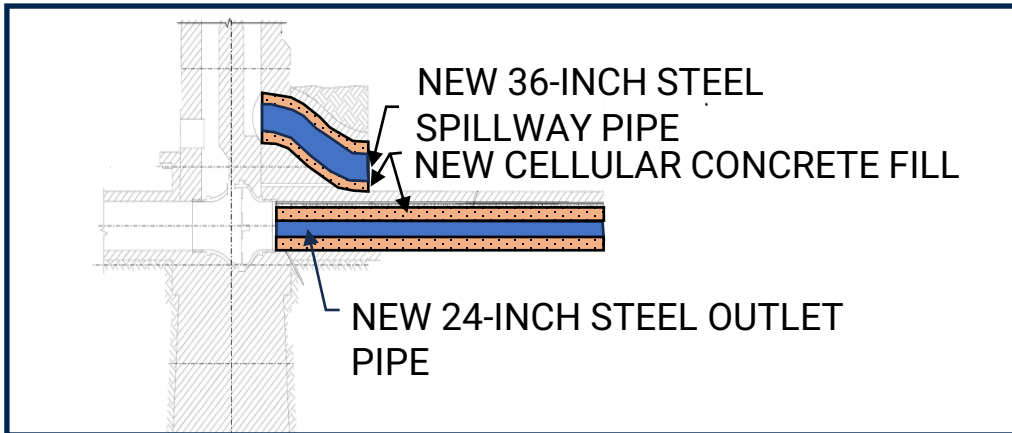
### Fall 2025 - Site Preparation

Mobilization & Roadway Improvements

### Summer 2026 - Demolition & Construction

New Control House, Outlet & Spillway Conduits

### Fall 2027 - Project Completion



*Cross Section of Conduit Retrofit at Tower Base*



*Reservoir El. 449'  
(Full)*

*Reservoir El. 440'  
(Current operating restriction)*

*Reservoir El. 433'*

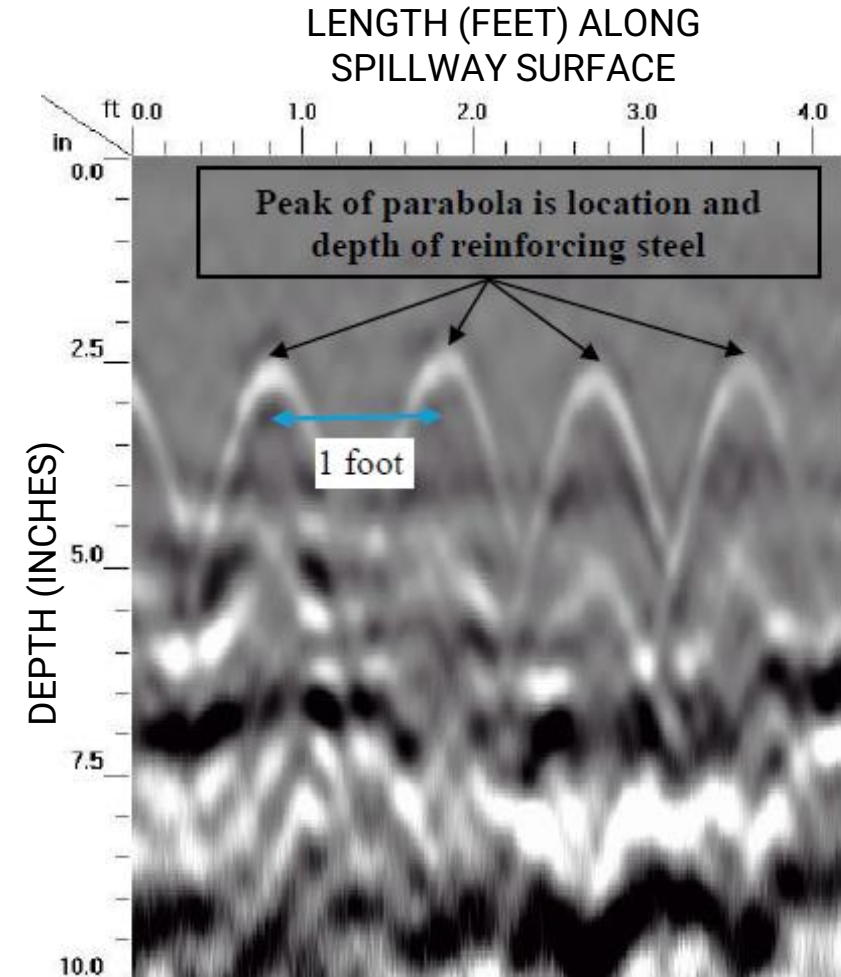
Total construction cost – \$14 million

# Studies and Improvements

## Spillway Assessments and Studies

### Terminal Spillways:

- Inspected and repaired annually ahead of the rainy season.
- Comprehensive Condition Assessments performed in 2019 under DSOD requests and District initiatives.
- On-going work in FY 2025 include non-destructive testing (such as surface penetrating radar) and LiDAR surveys at Briones and San Pablo.
- Trial mortar & sealant repair products at San Pablo.
- 2025-2028 Hydrologic & Hydraulic Studies of San Leandro-Chabot Watershed for Spillway Capacity Assessment.



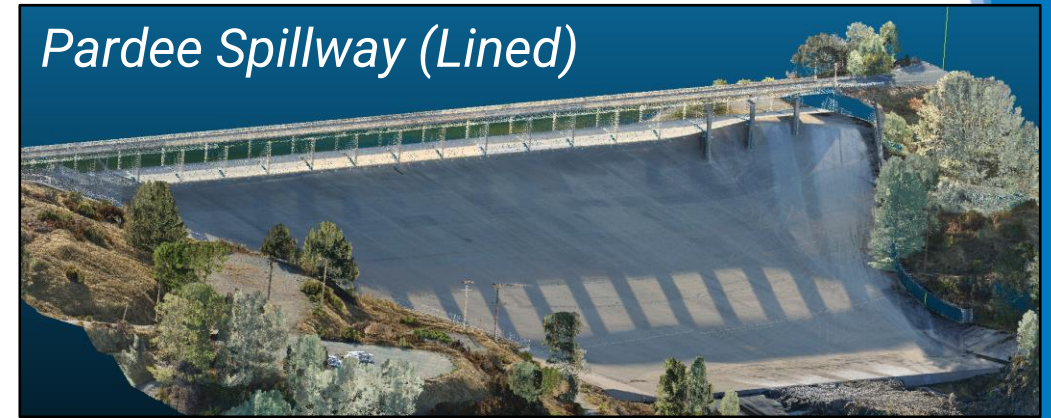
*Surface Penetrating Radar Image at Briones Spillway showing rebar 2.5 inches below the surface at 1-foot intervals*

# Studies and Improvements

## Spillway Assessments and Studies

### Upcountry Spillways:

- Inspected and repaired annually ahead of the rainy season.
- Comprehensive Condition Assessments of Camanche Spillway performed in 2019 per Eighth FERC Part 12D.
- Upcoming FY 2026-2027 Condition Assessment of Pardee Lined Spillway per Ninth FERC Part 12D.
- Upcoming FY 2026-2028 Unlined Spillway Erodibility Study in partnership with the *Center for Smart Infrastructure*.



# Studies and Improvements

## Camanche and Pardee Seismic Study

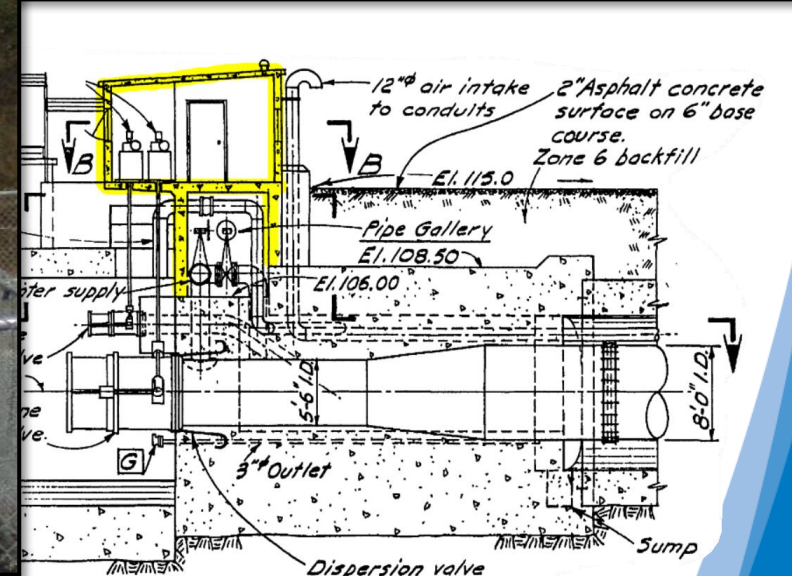
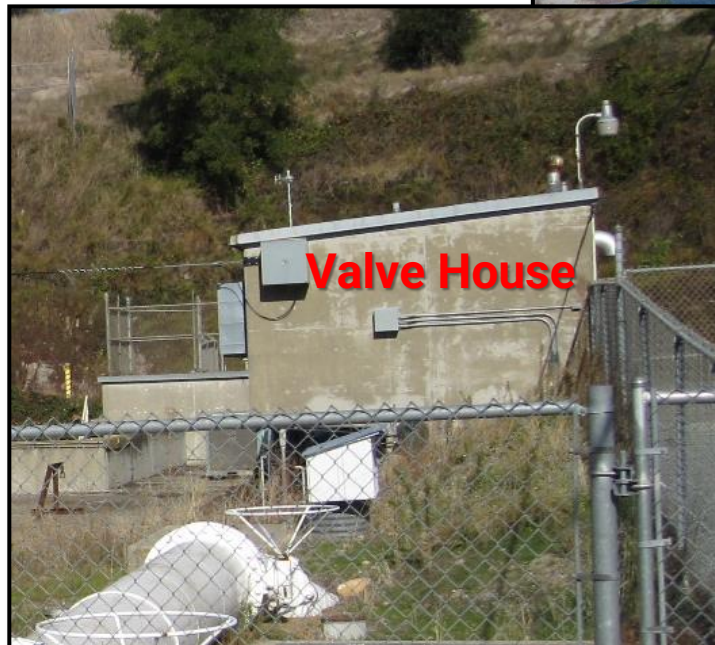
- Comprehensive study completed in 2025 to ensure dams and related facilities are safe following large floods or earthquakes.

### Camanche Dam and Facilities:

- Safe, stable, and meet regulatory criteria.
- Seismic improvements recommended for Camanche spillway bridge and Valve house floor.
- Redundant controls recommended for valve house.

### Pardee Dam and Facilities:

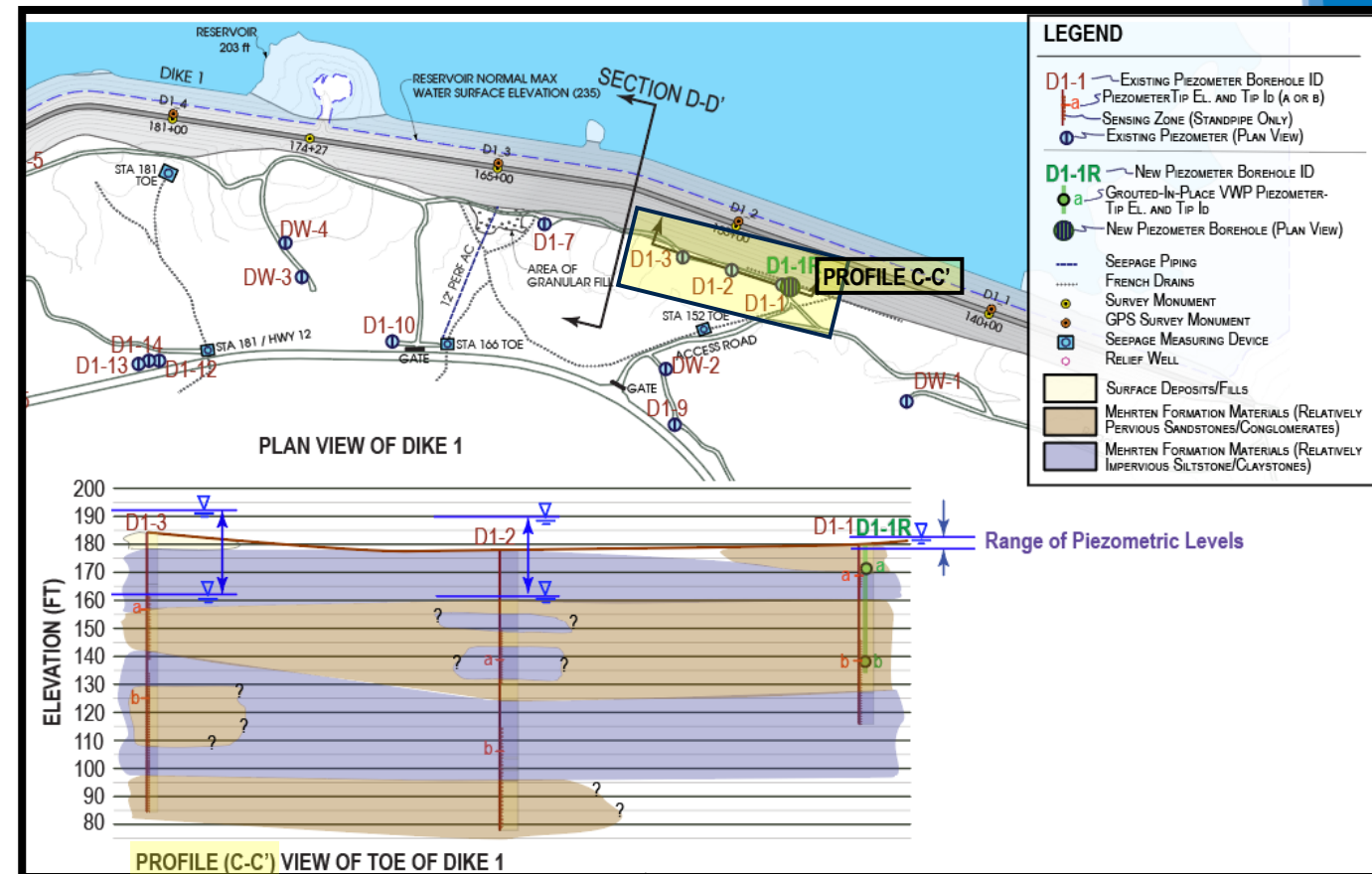
- Safe, stable, and meet regulatory criteria.



# Studies and Improvements

## Camanche and Pardee Surveillance Improvements Plan

- Purpose is to maintain a robust dam safety and surveillance instrumentation program.
- Replace failed piezometers and retrofit working piezometers.
- Upgrade and construct new hydrologic and dam seepage surveillance systems.
- Plan tentatively approved by FERC and DSOD / pending review.
- Tentative Construction schedule is spring-summer 2026.



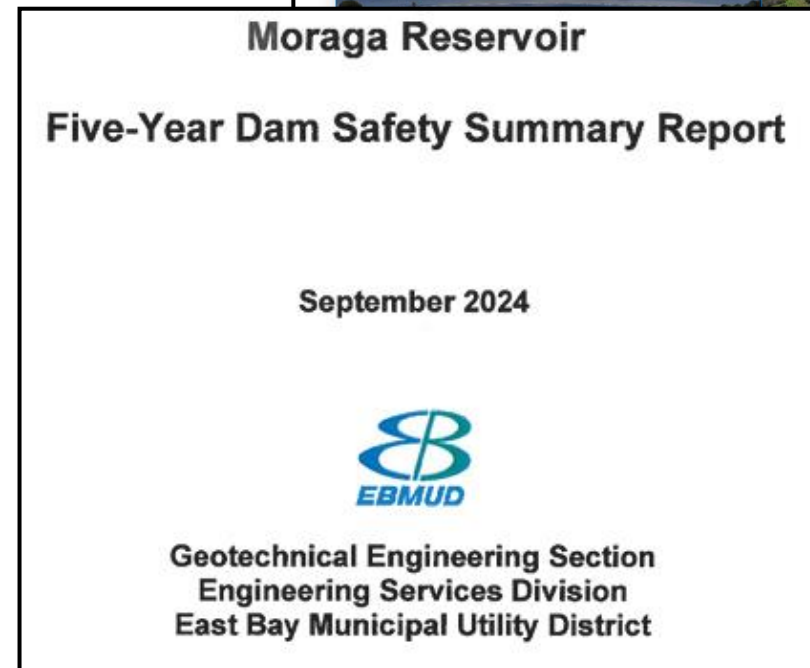
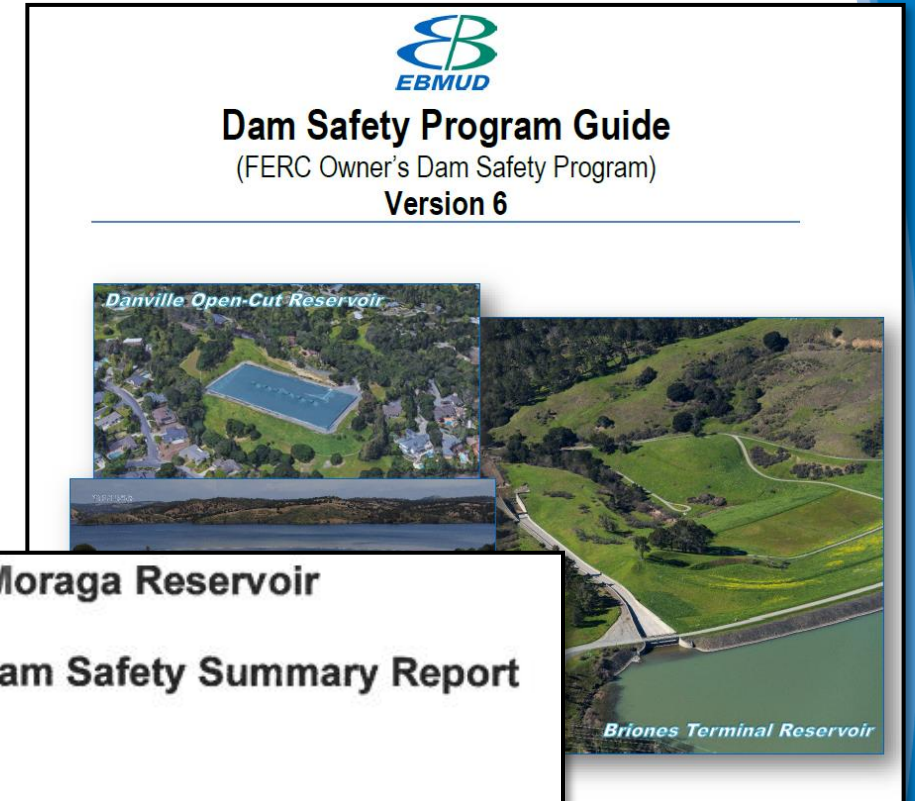
# Studies and Improvements

## Dam Safety Program Guide

- Updated annually, submitted to FERC in June 2025.
- Revisions included updates to practices and personnel changes.

## Local Dam Safety Reviews

- Safety reviews are completed for all District Dams at five-year intervals.
- Ensures that seismic and other evaluations are current.
- In FY 2025, reviews were completed for Moraga, Central, Argyle No. 2, Fay Hill, and Watson Reservoirs.



# Studies and Improvements

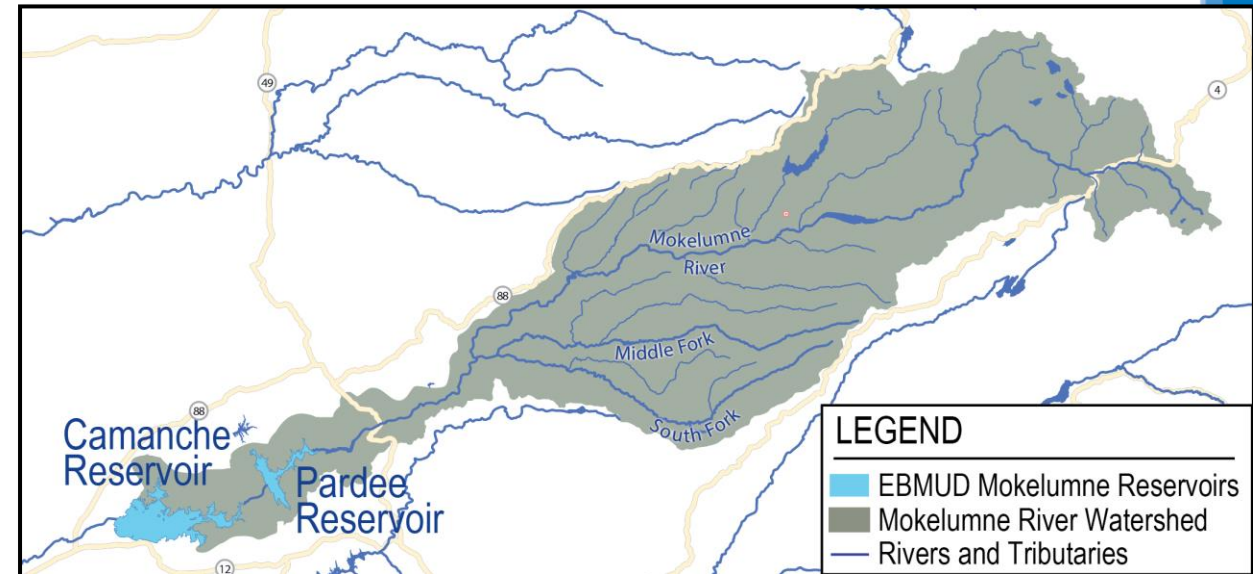
## Probable Maximum Flood Studies

### Mokelumne River Watershed PMF Study with PG&E

- Discussed at the March 12, 2024 Planning Committee meeting.
- Executed partnership agreement for site-specific probable maximum precipitation study.
- Developing scope and timeline in work plan for FERC approval.

### USL and Chabot Watershed Flood Studies and Spillway Evaluations

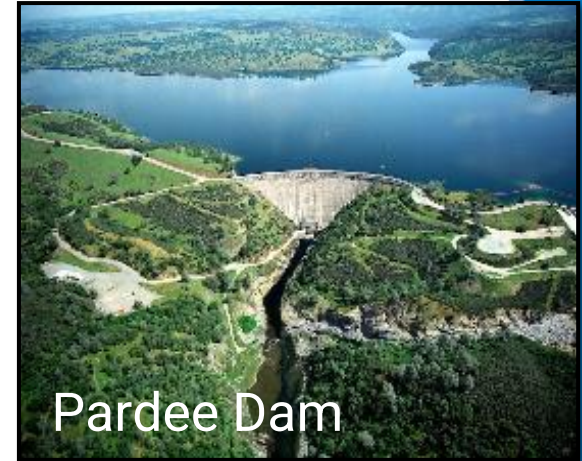
- Site-specific probable maximum flood and probabilistic-flood assessments.



*Mokelumne River Watershed Map*

# Next Steps

- Continue ongoing dam safety monitoring, maintenance and capital efforts.
- Award the Lafayette Tower Safety Upgrades Project.
- Plan the retrofit of the Camanche valve house.
- Schedule new and refresher sessions for the Dam Safety Training Program.
- Work with local emergency management agencies to schedule Dam EAP exercises.
- Continue upcountry and USL-Chabot watershed flood studies and spillway evaluations.
- Continue upcountry and local reservoir dam safety surveillance improvement programs.



# Questions?

