

DAMS WITHIN JURISDICTION OF THE STATE OF CALIFORNIA

RESERVOIR RESTRICTIONS

SEPTEMBER 2025

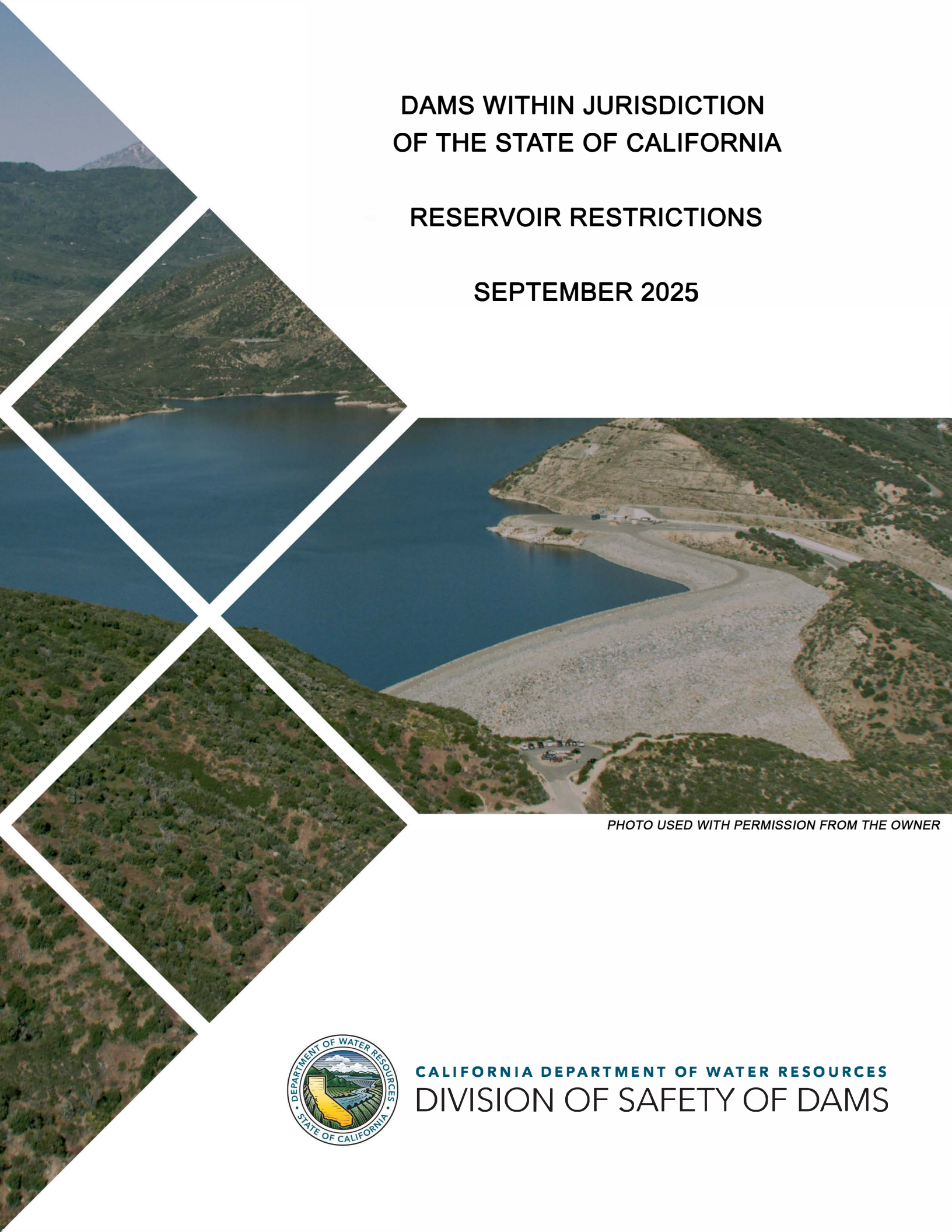


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CALIFORNIA DEPARTMENT OF WATER RESOURCES
DIVISION OF SAFETY OF DAMS

Reservoir Restrictions

California's Dam Safety Program was established on August 14, 1929. The California Water Code entrusts the state regulatory authority of non-federally owned and operated dams and reservoirs to the Department of Water Resources, which delegates this authority to its Division of Safety of Dams (DSOD). The California Dam Safety Program includes annual maintenance inspections, construction oversight, independent design reviews, re-evaluations of existing dams, inundation map reviews for emergency action plans, and emergency response.

Reservoir restrictions are typically imposed when dam safety related deficiencies are identified at a dam or its related facilities. To reduce the risk, DSOD may direct an owner to operate the reservoir at a water surface elevation level that is lower than the maximum storage level. A reservoir restriction reduces potential downstream impacts to life, property, and the environment by lessening possible flood inundation scenarios as an interim risk reduction measure until the dam or structure is repaired.

The following report contains the dams under DSOD's jurisdiction with restricted reservoirs. DSOD defines the reason for the reservoir restriction in three categories: seismic, hydraulic or other (deficiencies not related to hydraulic or seismic).

Dam Name: #3 Forebay

Dam Number: 95-6

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Fair

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: December 28, 2018

Reason for Restriction: Other

Owner's Reported Planned Action(s): PG&E has taken #3 Forebay, an off-stream facility, out of service. The reservoir remains drained and out of service.

Dam Name: Almaden

Dam Number: 72-4

Owner Name: Santa Clara Valley Water District

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: March 29, 2012

Reason for Restriction: Hydraulic

Owner's Reported Planned Action(s): The Almaden Dam Improvements Project is currently under design. The reservoir restriction will be removed after completion of the improvements.

Dam Name: Bear Gulch

Dam Number: 581-6

Owner Name: California Water Service Company

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: March 5, 2012

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): Cal Water's dam is safe as operated, and is done so with the approval of DSOD. Cal Water is currently moving forward with updates to the reservoir outlet and continues to evaluate the dam for other needed improvements.

Dam Name: Calero

Dam Number: 72-3

Owner Name: Santa Clara Valley Water District

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: February 8, 2013

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The Calero Dam Seismic Retrofit Project is currently under design. The reservoir restriction will be removed after completion of the seismic retrofits.

Dam Name: Campbell Lake

Dam Number: 180-0

Owner Name: Jennifer F. Menke

Condition Assessment: Fair

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: October 6, 2010

Reason for Restriction: Other

Owner's Reported Planned Action(s): Owner is working with USFS to implement a dam maintenance plan, beginning with log and debris removal.

Dam Name: Crane Valley Storage

Dam Number: 95-3

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: October 6, 2024

Reason for Restriction: Other

Owner's Reported Planned Action(s): PG&E is restricting the WSE in Bass Lake, due to spillway structural deficiencies, to an elevation of 3,372.76 feet. The restricted elevation provides enough storage to accommodate a thunderstorm event and increase releases through the LLO and gates.

Dam Name: Early Intake

Dam Number: 9-0

Owner Name: San Francisco Public Utilities Commission

Condition Assessment: Fair

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: October 30, 1998

Reason for Restriction: Other

Owner's Reported Planned Action(s): HHWP determined that a short-term improvement is too expensive and doesn't adequately address the needs, so HHWP has moved on to a long-term fix or replacement of this dam. Study is currently occurring on possible options to submit to SFPUC and DSOD.

Dam Name: El Capitan

Dam Number: 8-7

Owner Name: City of San Diego

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: May 27, 2015

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): Spillway concrete repairs were completed in September 2024, and vegetation and debris removal is in progress. A seismic stability analysis is underway to support the development of a long-term improvement plan.

Dam Name: Felt Lake

Dam Number: 614-2

Owner Name: Stanford University Board of Trustees

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: February 24, 2025

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): Stanford has initiated a project to completely rebuild Felt Dam. That project is currently in design and environmental review; DWR is the CEQA lead agency.

Dam Name: Gem Lake

Dam Number: 104-37

Owner Name: Southern California Edison

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: February 14, 2013

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): As planned, the Arch 8 outlet has been upgraded to help maintain safe reservoir levels. The permanent mitigation will be determined through consultation with resource agencies and stakeholders during relicensing.

Dam Name: Guadalupe

Dam Number: 72-5

Owner Name: Santa Clara Valley Water District

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: April 25, 2012

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The Guadalupe Dam Seismic Retrofit Project is currently under design. The reservoir restriction will be removed after completion of the seismic retrofits.

Dam Name: Haiwee

Dam Number: 6-24

Owner Name: City of Los Angeles Department of Water and Power

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: July 23, 2002

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): A new earthfill dam will be constructed 800' north of the existing North Haiwee Dam. The project is currently in construction. Dam foundation ground improvement and excavation will restart end of summer 2025.

Dam Name: Healdsburg Recreation

Dam Number: 1002-0

Owner Name: County of Sonoma Regional Parks Department

Condition Assessment: Fair

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: August 25, 2014

Reason for Restriction: Other

Owner's Reported Planned Action(s): Per DSOD's reservoir restrictions in place, Healdsburg Recreation Dam operates at a reduced reservoir height of 7' and completes annual monitoring of critical dam components.

Dam Name: Lafayette

Dam Number: 31-2

Owner Name: East Bay Municipal Utility District

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: December 11, 2017

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The dam currently is safe. Seismic upgrades to the tower and conduits are needed. EBMUD lowered reservoir levels, completed analysis, and designed a project that meets DSOD criteria to be awarded in 2025, with construction through 2027.

Dam Name: Lake Alta

Dam Number: 1030-7

Owner Name: Placer County Water Agency

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: June 7, 2019

Reason for Restriction: Hydraulic

Owner's Reported Planned Action(s): Final stability analysis parameters are being submitted for review and approval by the Department. Design of the dam improvements will proceed upon final approval of the stability analysis from the Department.

Dam Name: Lake Buck

Dam Number: 291-0

Owner Name: Wendy Baroli and Jill S. Heaton

Condition Assessment: Fair

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: November 8, 2017

Reason for Restriction: Hydraulic

Owner's Reported Planned Action(s): No response from owner.

Dam Name: Lake Curry

Dam Number: 14-0

Owner Name: City of Vallejo

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: November 8, 1995

Reason for Restriction: Other

Owner's Reported Planned Action(s): The radial gates will be maintained in the raised position, and will be adequately secured in a full open position. The radial gates will be assessed for replacement or removal upon the completion of the spillway re-design being performed by Consultants.

Dam Name: Lake Hodges

Dam Number: 8-3

Owner Name: City of San Diego

Condition Assessment: Unsatisfactory

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: February 2, 2023

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): Downstream face repairs finished in Nov 2024. Leakage and monitoring improvements finished in Feb 2025. A 10% design for full replacement was completed in 2024. Technical surveys and an alternatives evaluation are underway.

Dam Name: Lake Tabeaud

Dam Number: 97-67

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: September 10, 2024

Reason for Restriction: Other

Owner's Reported Planned Action(s): PG&E established a temporary 2-foot restriction on the NMWSE at Lake Tabeaud. The restriction is intended to mitigate potential risks associated with instability of the reservoir's spillway control structure. Flashboards will not be installed.

Dam Name: Lake Wohlford

Dam Number: 834-0

Owner Name: City of Escondido

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: November 8, 2007

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): A replacement dam has been designed. The City has pre-qualified contractors to bid on the project. The City is in the final stages of obtaining environmental permits and anticipates advertising the project construction in Fiscal Year 26.

Dam Name: Lee Lake

Dam Number: 818-2

Owner Name: Elsinore Valley Municipal Water District

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: November 20, 2019

Reason for Restriction: Other

Owner's Reported Planned Action(s): The District is evaluating design revisions that would remove the existing dam and replace it with a berm not in DSOD jurisdiction. A revised scope is being developed. Once finalized, we will submit a summary and demolition plan for the dam to DSOD.

Dam Name: Leroy Anderson

Dam Number: 72-9

Owner Name: Santa Clara Valley Water District

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: May 8, 2017

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The Anderson Dam Seismic Retrofit Project is currently under design, with construction of the Anderson Dam Tunnel Project ongoing since 2021. The reservoir restriction will be removed after completion of the seismic retrofit project.

Dam Name: Lower Blue Lake

Dam Number: 97-62

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Fair

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: July 27, 2018

Reason for Restriction: Other

Owner's Reported Planned Action(s): PG&E is currently addressing FERC comments on the 100-percent design documents. The project will go through permitting in 2026. The project is schedule to begin construction in the summer of 2027.

Dam Name: Matilija

Dam Number: 86-0

Owner Name: Ventura County Watershed Protection District

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: June 9, 2025

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): One of six downstream infrastructure projects required prior to dam removal was completed in October 2022 (new Santa Ana Bridge). Long-term action is to remove the dam in 2035.

Dam Name: McCloud

Dam Number: 97-123

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: January 9, 2020

Reason for Restriction: Other

Owner's Reported Planned Action(s): PG&E has completed an analysis of alternatives for a project to alter the spillway and thereby increase the capacity of the spillway. A board of consultants has been formed. PG&E is working to begin design of the project.

Dam Name: Misselbeck

Dam Number: 2220-2

Owner Name: Igo-Ono Community Services District

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: November 2, 2017

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The Igo Ono Community Services District (IOCSD) is looking for and applying for funding to do pre-construction dam buttress planning and design.

Dam Name: Moccasin Lower

Dam Number: 9-4

Owner Name: San Francisco Public Utilities Commission

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: April 3, 2019

Reason for Restriction: Hydraulic

Owner's Reported Planned Action(s): HHWP begun the preliminary designs of the new wider and deeper auxiliary spillway which will be able to pass the latest PMF so Hetch Hetchy can better manage storm flows and allow Hetch Hetchy to apply to lift the current elevation restriction.

Dam Name: Morena

Dam Number: 8-5

Owner Name: City of San Diego

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: November 10, 2021

Reason for Restriction: Hydraulic

Owner's Reported Planned Action(s): Concrete repairs in the spillway were completed in August 2024, and design for upstream face repairs is in progress. A seismic stability evaluation is underway to support development of a long-term improvement plan.

Dam Name: Murray

Dam Number: 8-12

Owner Name: City of San Diego

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: July 19, 2023

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): Contractor procurement for concrete repairs on the dam's upstream and downstream faces is in progress. The seismic stability analysis was completed in July 2024, and an alternatives evaluation is underway to guide long-term improvements.

Dam Name: North Fork

Dam Number: 77-0

Owner Name: Pacheco Pass Water District

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: April 6, 2018

Reason for Restriction: Hydraulic

Owner's Reported Planned Action(s): Pacheco Pass Water District is seeking additional grant funding to address rising construction costs.

Dam Name: Patterson

Dam Number: 1065-0

Owner Name: Alameda County Water District

Condition Assessment: Fair

Downstream Hazard Potential Classification: Significant

Effective Date of Restriction: September 13, 2004

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): Reservoir is being operated at the DSOD restricted maximum elevation. A 65% design package proposing the installation of an earth berm around the reservoir to increase freeboard was submitted to DSOD in spring 2025 that will address restriction.

Dam Name: Pilarcitos

Dam Number: 10-8

Owner Name: City and County of San Francisco

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: September 12, 2024

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The SFPUC is evaluating long-term solutions for Pilarcitos Dam. In the meantime, reservoir restrictions are in place. Planning for additional studies to assess the downstream needs is underway.

Dam Name: Relief

Dam Number: 97-80

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: June 2, 2024

Reason for Restriction: Other

Owner's Reported Planned Action(s): PG&E has begun a multi-year maintenance program to repair deteriorated concrete on the dam's upstream face at Relief Dam. PG&E plans to continue the program until a long-term solution is completed for the upstream face of the dam, by the end of 2028.

Dam Name: Round Valley

Dam Number: 97-9

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: March 26, 2025

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): PG&E has completed a seismic stability analysis of the dam, the results of which have informed an interim risk reduction measure to restrict the reservoir elevation. The restriction will remain in place until a stabilization project is completed.

Dam Name: Russian River No. 1

Dam Number: 1026-0

Owner Name: Russian River Recreation and Parks District

Condition Assessment: Poor

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: January 3, 2025

Reason for Restriction: Other

Owner's Reported Planned Action(s): Damaged or otherwise deficient items, such as the uprights, will be repaired, replaced, or reinforced as soon as possible. Regular maintenance of the dam will include monitoring and permits to allow for quick responses to any future structural issues.

Dam Name: San Andreas

Dam Number: 10-10

Owner Name: City and County of San Francisco

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: August 3, 2020

Reason for Restriction: Other

Owner's Reported Planned Action(s): The SFPUC has prepared a 15-year Dam Safety Improvement Plan to make improvements to our dams, including the San Andreas Dam and Spillway. Initial investigative work is complete and the engineering design is in progress and will be complete in 2026.

Dam Name: Santa Anita Debris Basin

Dam Number: 32-29

Owner Name: Los Angeles County Department Of Public Works

Condition Assessment: Fair

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: June 7, 1995

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): LACPW is actively working on a Seismic Strengthening Project for Santa Anita DB Dam. A construction contract for the project was awarded on June 11, 2025. Project construction is scheduled to start in August 2025 and to be completed by December 2026.

Dam Name: Santiago Creek

Dam Number: 1029-6

Owner Name: Irvine Ranch Water District

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: May 8, 2020

Reason for Restriction: Other

Owner's Reported Planned Action(s): Irvine Ranch Water District continues to advance the design for improvements at Santiago Creek Dam that include improvements to the outlet tower, spillway, and embankment. Construction is anticipated to start in 2027 and complete in 2031.

Dam Name: Sawpit Debris Basin

Dam Number: 32-31

Owner Name: Los Angeles County Department Of Public Works

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: June 7, 1995

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): LACPW is actively working on a Seismic Strengthening Project for Sawpit DB Dam. Final plans and specifications for the project are expected to be completed in September 2025. Project construction is scheduled for 2026-27.

Dam Name: Scotia Log Pond

Dam Number: 205-0

Owner Name: Scotia Community Services District

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: April 6, 2018

Reason for Restriction: Other

Owner's Reported Planned Action(s): Repair to the dam is complete. The drain monitoring was completed and submitted to DSOD. Project complete.

Dam Name: Scott

Dam Number: 97-101

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: April 12, 2023

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): PG&E is preparing a license surrender application for the Potter Valley Project to address the eventual disposition of Scott Dam and is planning long-term mitigation measures which could include expedited partial or full removal of Scott Dam.

Dam Name: Selvage #2

Dam Number: 625-0

Owner Name: Lucky Hereford Ranch

Condition Assessment: Poor

Downstream Hazard Potential Classification: Low

Effective Date of Restriction: December 29, 2008

Reason for Restriction: Other

Owner's Reported Planned Action(s): No response from owner.

Dam Name: St. Helena Lower

Dam Number: 16-2

Owner Name: City of Saint Helena

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: February 1, 2016

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The City plans to maintain St. Helena Lower Dam at the reduced capacity. The City utilizes the reservoir to provide non-potable water to vineyards. A study will be initiated to review additional opportunities for beneficial use of this resource.

Dam Name: Swanzy Lake

Dam Number: 14-5

Owner Name: City of Vallejo

Condition Assessment: Poor

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: June 22, 2023

Reason for Restriction: Other

Owner's Reported Planned Action(s): City plans to replace downstream control valve.

Dam Name: Terminal

Dam Number: 1055-2

Owner Name: San Luis Obispo County Flood Control and Water Conser

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: July 28, 2025

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): The District is working with it's consultant to perform a FLAC2D analysis to further assess the seismic stability of Dam 1055-2. Results of this analysis will be submitted to DSOD for review when available.

Dam Name: Tinemaha

Dam Number: 6-26

Owner Name: City of Los Angeles Department of Water and Power

Condition Assessment: Poor

Downstream Hazard Potential Classification: High

Effective Date of Restriction: March 3, 1993

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): LADWP initiated the Tinemaha Dam Replacement Project to replace the existing dam. The project is in the final planning phase. Construction of the new facility is estimated to be completed in Jan. 2036. The dam is safe to operate at the restricted level.

Dam Name: Upper Peak Lake

Dam Number: 97-47

Owner Name: Pacific Gas and Electric Company

Condition Assessment: Fair

Downstream Hazard Potential Classification: High

Effective Date of Restriction: December 2, 2024

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): PG&E conducted a seismic stability analysis that informed the adoption of a reservoir restriction as an interim risk-reduction measure. The reservoir restriction will be maintained until the project to retrofit the dam is complete.

Dam Name: Vail

Dam Number: 2028-0

Owner Name: Rancho California Water District

Condition Assessment: Fair

Downstream Hazard Potential Classification: Extremely High

Effective Date of Restriction: June 2, 2015

Reason for Restriction: Seismic

Owner's Reported Planned Action(s): Vail Dam Rehabilitation design was approved by DSOD on July 14, 2023. CEQA was approved on April 12, 2023. FEMA is working on NEPA clearance and funding. Permits and approvals followed by dam construction anticipated by Fall 2025.

Dam Name: Williamson No. 1

Dam Number: 464-0

Owner Name: Macy Mak Chan, Michael Chan, and Melinda Lau

Condition Assessment: Poor

Downstream Hazard Potential Classification: Significant

Effective Date of Restriction: May 7, 2009

Reason for Restriction: Other

Owner's Reported Planned Action(s): Being a seasonal pond, with the exception of heavy rain during the few months, the level of the pond is typically far below the 8' during the rest of the year. Both gate valves, plus siphoning pipe are open to take level down asap.
