

LOS VAQUEROS RESERVOIR EXPANSION PROJECT

Climate variability is presenting many challenges, leading to stressed water supplies and impacts to our local watersheds and wildlife. Bay Area and Central Valley water agencies are committed to ensuring a resilient, reliable, high quality water supply for the future, and to protecting our environment.

ABOUT THE PROJECT

The Los Vaqueros Reservoir Expansion Project will increase Bay Area and Central Valley water supply reliability, develop water supplies for wildlife refuges, and improve water quality while protecting Delta fisheries and providing additional Delta ecosystem benefits.

The Phase 2 expansion will increase the Los Vaqueros Reservoir capacity from 160,000 acre-feet to 275,000 acre-feet and add new and modified conveyance facilities to provide broad environmental, water supply reliability, operational flexibility, water quality, and recreational benefits.

Los Vaqueros Reservoir was originally constructed and expanded by Contra Costa Water District to address local water quality and supply issues.

PROJECT BENEFITS



Water for Wetlands

Reliable water for South of Delta wildlife refuges



Water Quality

Improved quality of delivered water



Water for Communities

Reliable water supply for up to 11M Californians



Recreational Area

Enhancement of recreation facilities



Regional Integration

High potential for regional water system integration



Climate Resiliency

Improved water supply reliability for the region



Economic Growth

Anticipated creation of up to 20,000 jobs

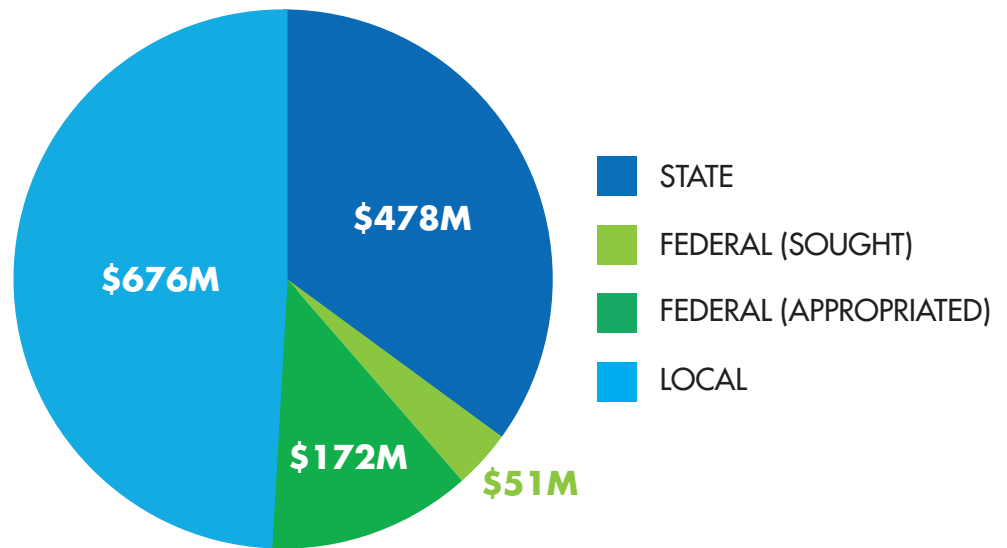


Drought Management

Provide emergency water supply storage



FUNDING



Federal funding from Congress

- Supports wildlife refuges
- Water Infrastructure Improvements for the Nation (WIIN) Act and Bipartisan Infrastructure Law

State funding from the California Water Commission (Proposition 1, 2014)

- Supports wildlife refuges, emergency response, and recreation

Local funding from partner agencies

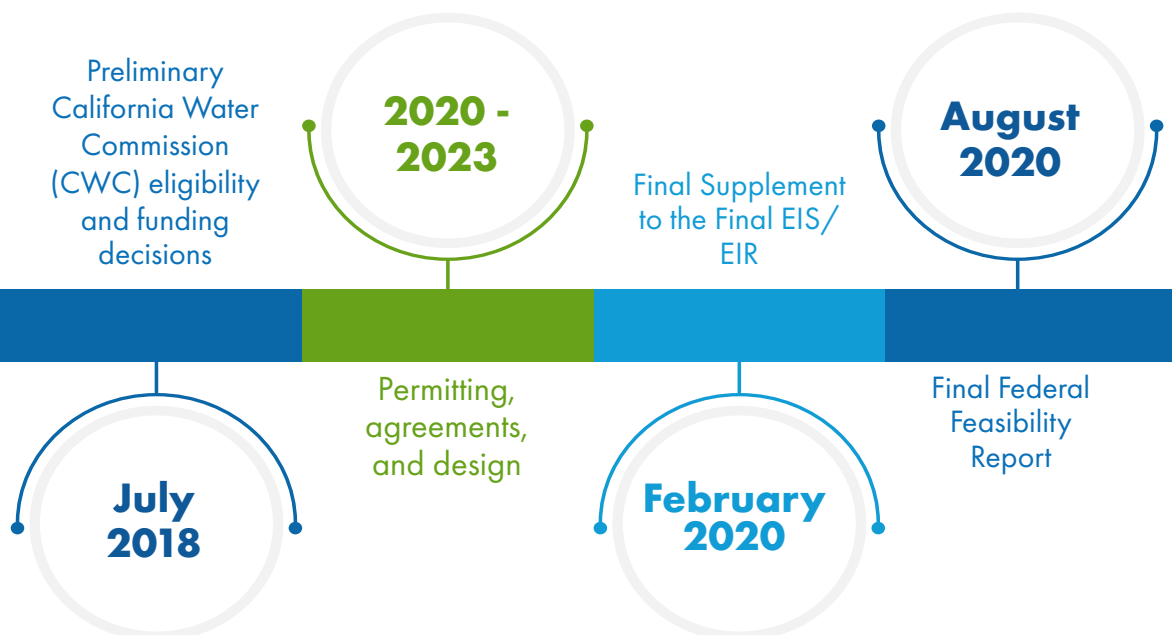
- Supports regional water supply reliability
- LV JPA is seeking a low-interest, federal loan*

Total project cost as of September 2023: \$1.377B

- Since November 2014, inflation has increased construction costs by more than 40%**

* Water Infrastructure Finance and Innovation Act ** Engineering News Record Index

PROJECT TIMELINE



JPA MEMBER AGENCIES



CONTRA COSTA
WATER DISTRICT



PHASE 2 EXPANSION

Capacity 275,000 acre ft.
Dam Height 281 ft.

New and modified conveyance facilities



PHASE 1 EXPANSION

Capacity 160,000 acre ft.
Dam Height 226 ft.



ORIGINAL DAM CONSTRUCTION

Capacity 100,000 acre ft.
Dam Height 192 ft.

2023 -
2024

Formation of Joint
Powers Authority

Target
Construction
Period

2026

Construction to
begin on Los
Vaqueros Dam
Expansion

October
2021

Final agreements
and California
Water
Commission
(CWC) funding
award

2025 -
2031

Construction to
begin on Transfer-
Bethany Pipeline












2028

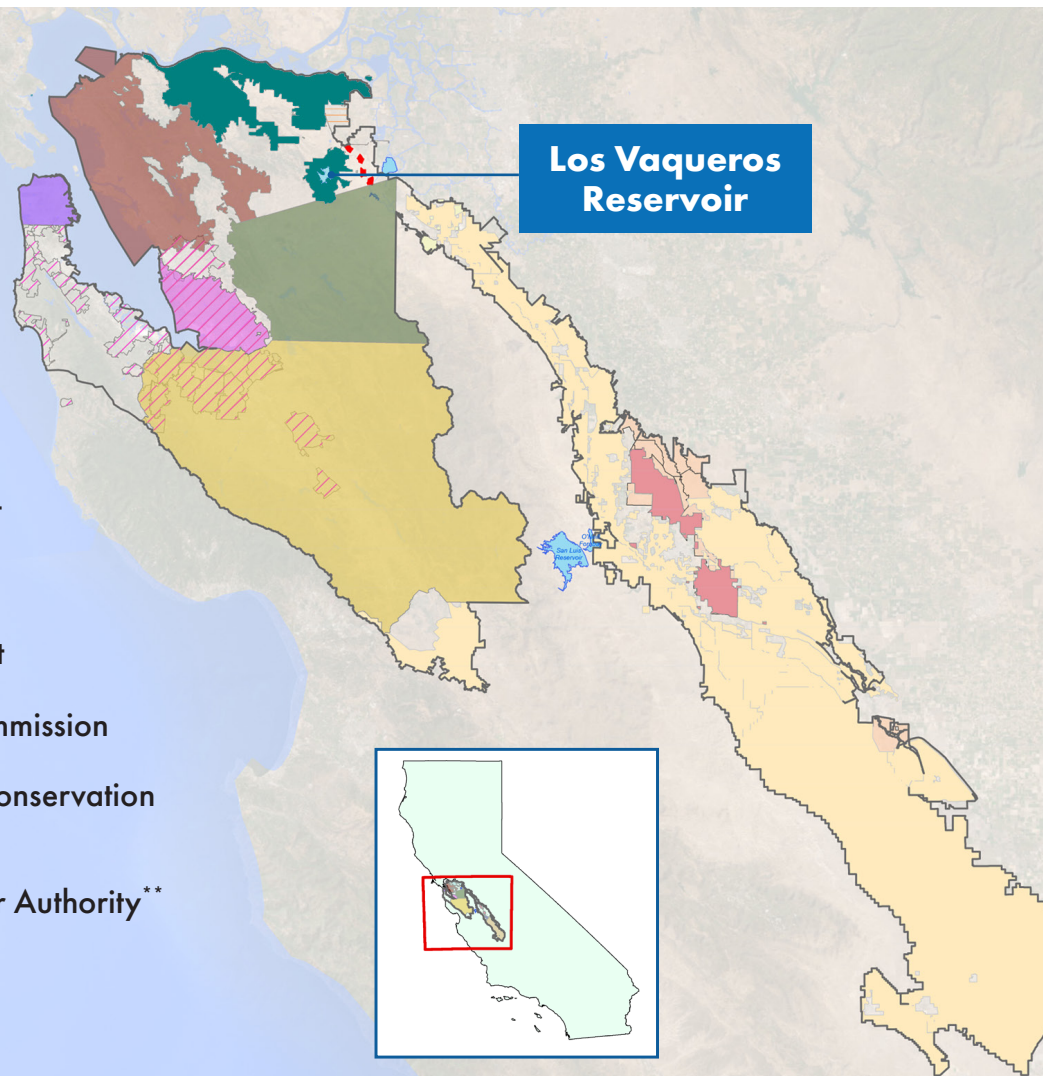
New JPA Creates Unique Partnership

Established in October 2021, the Los Vaqueros Reservoir Joint Powers Authority (JPA) is a unique and diverse regional partnership of eight Member Agencies working to improve water supply reliability for Californians and their environment. The JPA is responsible for the governance and administration of the Los Vaqueros Reservoir Expansion Project.

Contra Costa Water District will remain the owner and operator of the Los Vaqueros system and will operate existing and new facilities to fulfill agreements with JPA partners.

JPA Members Serving Diverse Beneficiaries

-  Alameda County Water District
-  Contra Costa Water District
-  City of Brentwood*
-  East Bay Municipal Utility District
-  Grassland Water District
-  Santa Clara Valley Water District
-  San Francisco Public Utilities Commission
-  Bay Area Water Supply & Conservation Agency (BAWSCA)*
-  San Luis & Delta-Mendota Water Authority**
-  Zone 7 Water Agency
-  Transfer-Bethany Pipeline



* The City of Brentwood and BAWSCA are not signatory parties to the JPA. Rather, these parties contract for project benefits through their wholesale providers.

** Activity Agreement Partners include Byron-Bethany Irrigation District, City of Tracy, Del Puerto Water District, Panoche Water District, and Westlands Water District.

CONTACT THE JPA

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