

# LOS VAQUEROS RESERVOIR EXPANSION PROJECT



Learn more at [www.ccwater.com/lvstudies](http://www.ccwater.com/lvstudies)

## RESERVOIR EXPANSION

**275,000** acre-feet **PHASE 2**  
IN PROGRESS  
Project builds upon the successful implementation of the Phase 1 expansion

**160,000** acre-feet **PHASE 1**  
2012  
The dam was increased in height by 34 feet to a new height of 218 feet

**100,000** acre-feet 1998  
Los Vaqueros Dam was completed

## OBJECTIVES

- Develop water supplies for environmental water management
- Increase municipal and industrial water supply reliability
- Improve the quality of water deliveries

## PURPOSE

### WATER FOR REFUGES



Reliable water supply for South of Delta wildlife refuges

### WATER FOR PARTNERS



Reliable water supply for local water agencies

### REGIONAL INTEGRATION



High potential for regional water system integration

### WATER QUALITY



Protection of delivered water quality

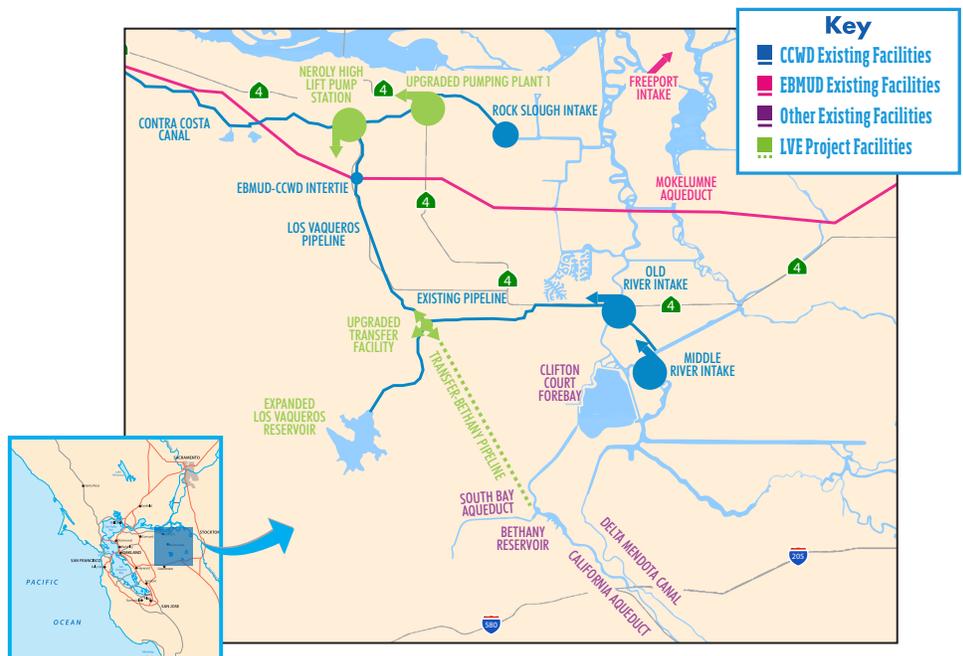
### RECREATION



Recreation facility enhancement

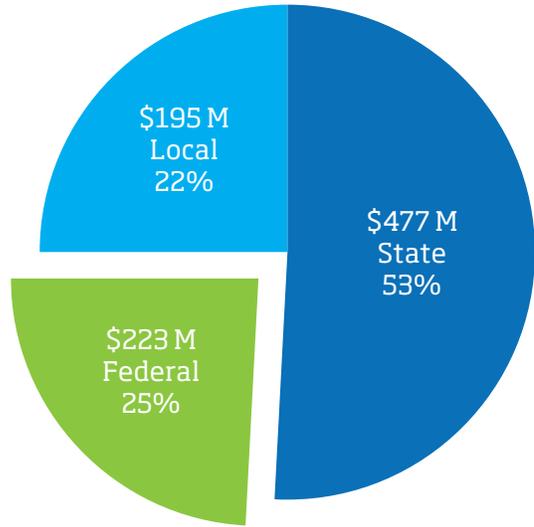
## HOW IT WORKS

- 1 Water is pumped into the system from one of four existing Delta Intakes.
- 2 Once in the system, water is sent to an upgraded Transfer Facility pump station.
- 3 From the Transfer Facility, water can be delivered directly to local agency partners and wildlife refuges or pumped into an expanded Los Vaqueros Reservoir for later delivery.



# PROJECT FUNDING

- Total construction cost ~\$895 M\* (2018 Dollars)
- State funding from California Water Commission
  - Supports public benefits, maximizing wildlife refuge benefits
- Local funding from partner agencies (see partner agencies below)
  - Supports regional reliability
- Federal funding from WIIN Act has been authorized, and seeking Bipartisan Infrastructure Law funding
  - Supports wildlife refuges and Central Valley Project operational flexibility



\*The source of the cost estimate is Final Federal Feasibility Report (published August 2020)

# JPA MEMBERS

These agencies are members of the Los Vaqueros Reservoir Joint Powers Authority and have provided funding and in-kind services, and are evaluating potential participation in the project to diversify their water supply portfolios against drought, emergencies, climate change and regulatory challenges.

- Los Vaqueros Reservoir
- 1 Alameda County Water District
- 2 Contra Costa Water District
  - City of Brentwood
- 3 East Bay Municipal Utility District
- 4 Grassland Water District
- 5 San Francisco Public Utilities Commission
  - Bay Area Water Supply & Conservation Agency
- 6 San Luis & Delta-Mendota Water Authority
  - Byron Bethany Irrigation District
  - City of Tracy
  - Del Puerto Water District
  - Panoche Water District
  - Westlands Water District
- 7 Santa Clara Valley Water District
- 8 Zone 7 Water Agency



Learn more about the Los Vaqueros Reservoir JPA at [www.losvaquerosjpa.com](http://www.losvaquerosjpa.com).

# NEXT STEPS

CCWD is currently working with Reclamation and the local agency partners and wildlife refuge managers to advance the project to construction.

