

The logo for the Los Vaqueros Reservoir Expansion Project is positioned in the upper right quadrant. It features the words "LOS VAQUEROS" in a bold, blue, sans-serif font, stacked above "RESERVOIR" and "EXPANSION" in a green, sans-serif font. The word "PROJECT" is also in green, sans-serif font, positioned below "EXPANSION". To the right of the text is a vertical graphic element consisting of five stacked, trapezoidal shapes that resemble a dam or a reservoir cross-section, transitioning in color from blue at the top to green at the bottom.

**LOS
VAQUEROS**
RESERVOIR
EXPANSION
PROJECT

The text "California Water Commission Meeting" and "May 18, 2022" is overlaid on the lower portion of the image. The text is in a white, bold, sans-serif font. The background of the text is a scenic view of a reservoir surrounded by rolling green hills and a line of wind turbines in the distance.

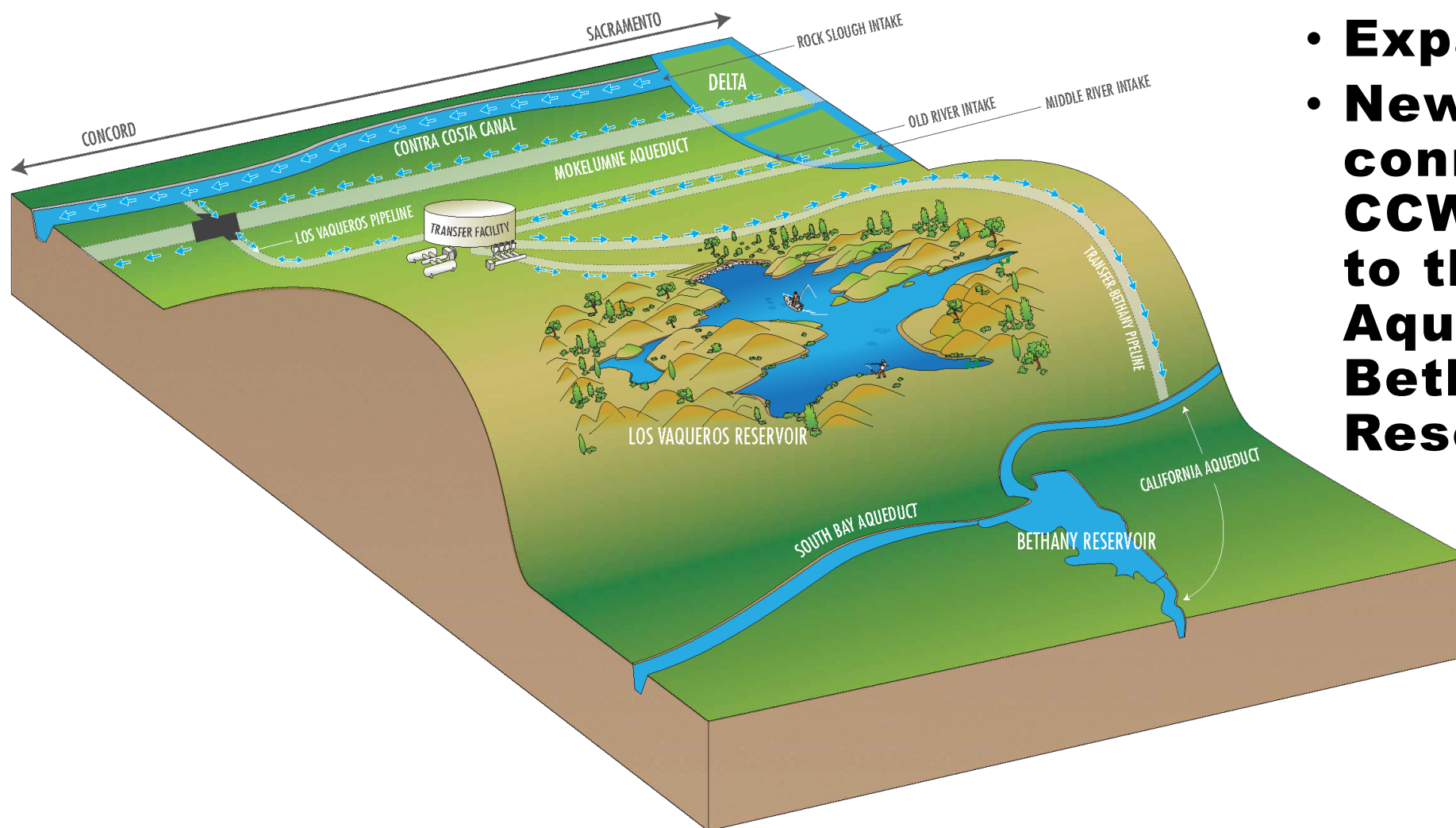
California Water Commission Meeting
May 18, 2022

Existing Los Vaqueros Reservoir

- **Los Vaqueros Reservoir is an off-stream reservoir in Contra Costa County with a capacity of 160 TAF**
- **Contra Costa Water District (CCWD) operates Los Vaqueros Reservoir in conjunction with four Delta intakes**
- **Benefits:**
 - **Water quality improvements**
 - **Drought supply reliability**
 - **Emergency supply**



Proposed Project

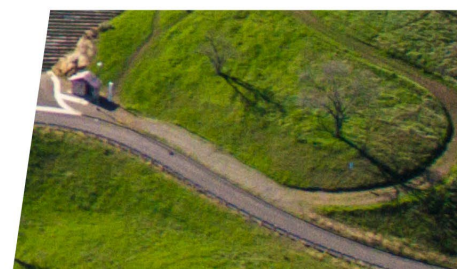
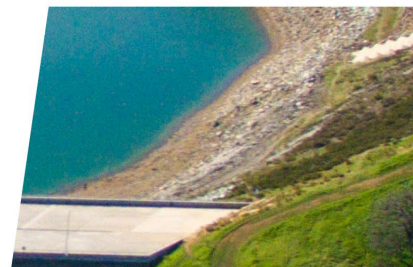
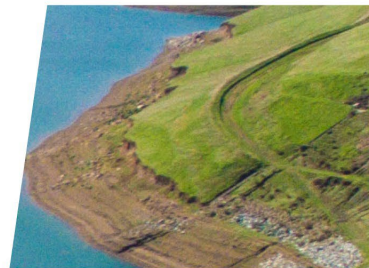
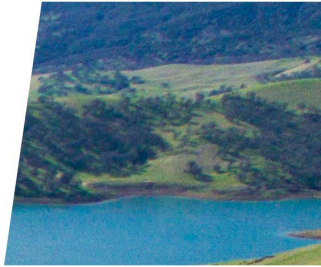


New Facilities

- Expand Reservoir
- New pipeline, connecting CCWD's system to the California Aqueduct at Bethany Reservoir

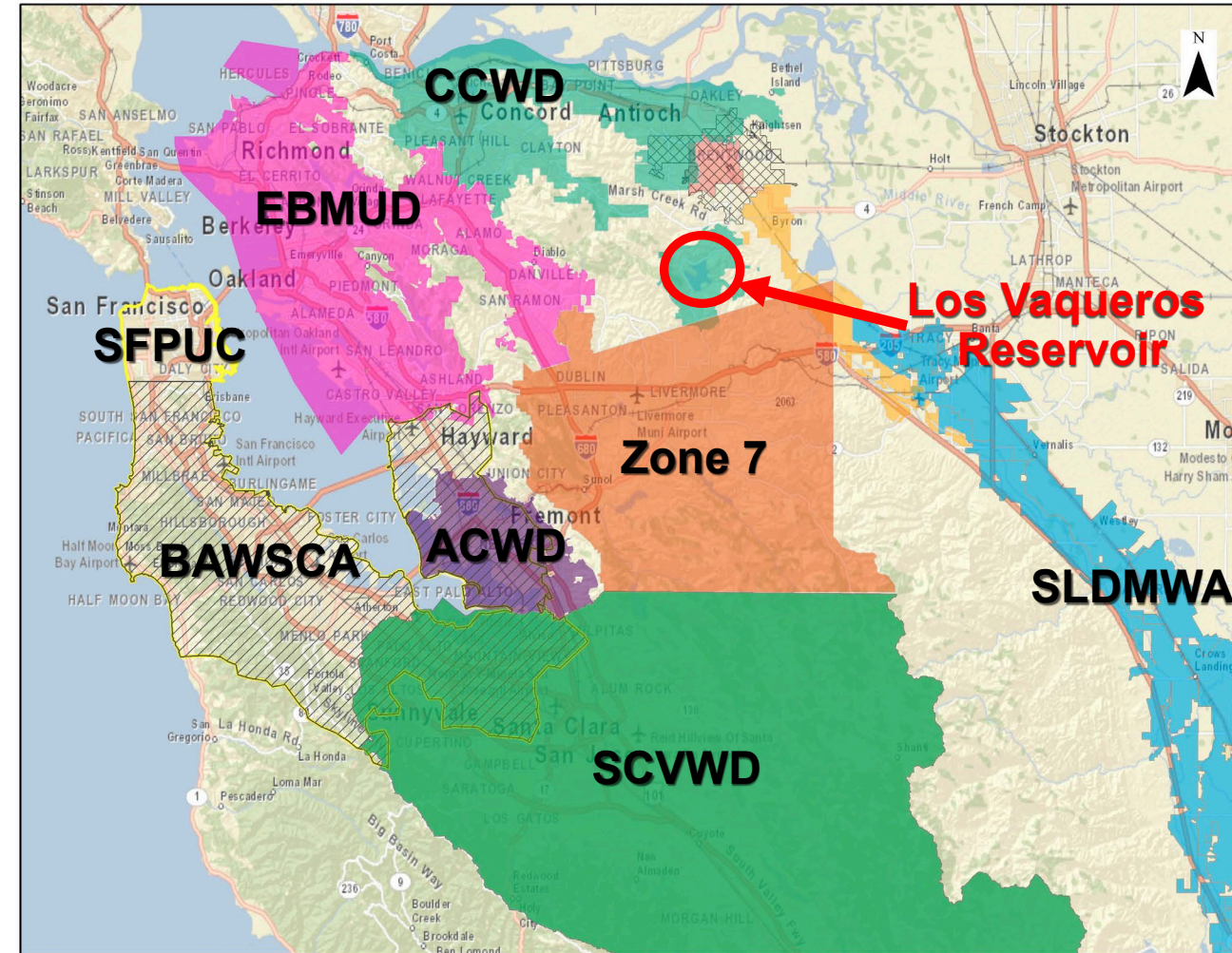
Los Vaqueros Reservoir Joint Powers Authority Formation

- **CCWD and Local Agency Partners formed new JPA in 2021**
- **JPA Role**
 - **Enter into contracts for administration of public benefits**
 - **Enter into final funding agreement with CWC**
 - **Finance Local Agency Partner share of construction costs**
 - **Coordinate partner requests for service**
 - **Monitoring and reporting**
- **CCWD will continue to operate LVE system and provide additional services to JPA as required**



JPA Members

- **Alameda County Water District**
- **Contra Costa Water District**
- **East Bay Municipal Utility District**
- **Grassland Water District**
- **San Francisco Public Utilities Commission**
 - **Bay Area Water Supply and Conservation Agency**
- **San Luis & Delta-Mendota Water Authority**
 - **Byron-Bethany Irrigation District**
 - **City of Tracy**
 - **Del Puerto Water District**
 - **Panoche Water District**
 - **Westlands Water District**
- **Santa Clara Valley Water District**
- **Zone 7 Water Agency**



WSIP Public Benefits

Ecosystem

- **Increased water supply for San Joaquin Valley wildlife refuges**
- **Improved survival of salmonids migrating through Delta**

Emergency Response

- **Catastrophic emergency**
- **Drought emergency**

Recreation

- **Enhance recreation at LV Reservoir & Watershed**



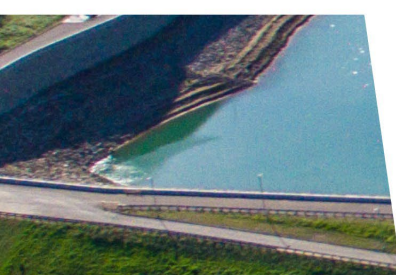
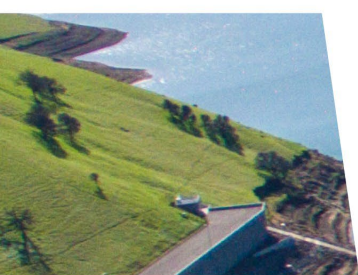
Net Environmental Benefits Provided to South-of-Delta Wildlife Refuges

Increased Water Supply

- **Incremental Level 4 CVPIA refuge water**
- **Flexible short-term storage**
- **Access to Delta surplus**

Increased Water Reliability

- **Reduce reliance on spot market purchases**
- **Maximize benefits from available federal funding**
- **Improved operational flexibility**



Non-Public Benefits

Increased Supply Reliability

- **Bay Area Municipal & Industrial**
- **South-of-Delta CVP Agricultural**

Improved Drinking Water Quality

Enhanced Regional Collaboration

- **Leverage Existing Facilities**
- **Facilitate Transfers**
- **Diversify Regional Supplies**
- **Improve Climate Change Resiliency**



Updated Conditional Award

Los Vaqueros Reservoir Expansion Project Conditional Award

- **2018 Conditional Award: \$459M**
- **2021 inflationary adjustment: \$470M**
- **2022 inflationary adjustment: \$477M**

Early Funding Agreement

- **Initial Early Funding Agreement**
 - **Scope**
 - **Program Management**
 - **Environmental Planning**
 - **Engineering Feasibility**
 - **Term – December 2022**
 - **Initial award ~\$13.65M**
- **Amendment No. 1 in 2020**
 - **Increase WSIP funding to \$22.95M**

Status on Early Funding Agreement Deliverables

- **Project Management**
- **Environmental Planning**
 - **Final Environmental Documentation completed**
 - **All draft permit applications have been submitted**
 - **Water rights change petitions have been drafted**
- **Engineering Feasibility**
 - **95% design of dam raise**
 - **DSOD permit anticipated summer 2022**

Reasons for Amendment No. 2

- **Why is Amendment No. 2 needed?**
- **Term**
 - **Extend term to align with current schedule and ensure deliverables are achieved**
 - **Ensures Early Funding Agreement remains in place until Final Award Hearing**
- **Funding**
 - **Provides state cost share proportional to investment**
 - **Federal spending is increasing in FY23**
 - **Requires at least 75% non-federal cost share**
 - **Local cost share is portion not funded by state and federal monies**

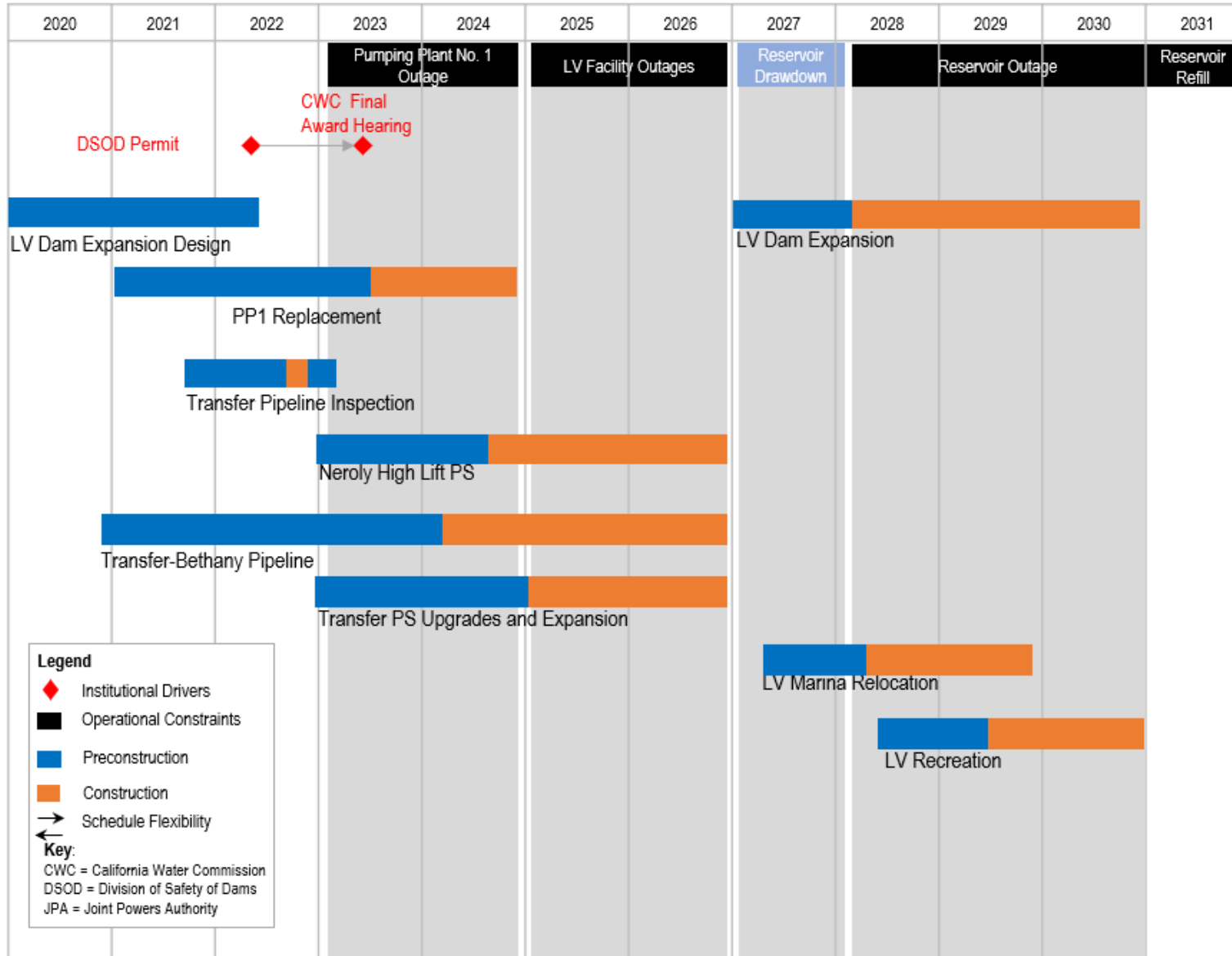
Requested Amendment No. 2 to Early Funding Agreement

- **Term – extend through December 2023**
- **Request additional funding**
 - **Maximum 5% of \$477,558,343 is \$23,877,917**
 - **Current WSIP Early Funding: \$22,950,000**
 - **Increase of WSIP Early Funding ~ \$928,000**

Preconstruction Schedule

October 2021	JPA Formed
Summer 2022	Submit Letter of Interest for WIFIA Loan
Fall 2022	Final Permits
Spring 2023	Contracts for Administration of Public Benefits
Summer 2023	CWC Final Award Hearing
Fall 2023	Begin Construction

Construction Schedule



Thank You

Questions?

Project Information

www.ccwater.com/lvstudies

www.losvaquerosjpa.com

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