



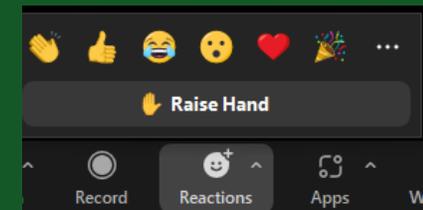
Don't hear anything?
Try adjusting your "Audio Settings"

DPIIC RESTORATION SUBCOMMITTEE MEETING

August 16, 2023

- Please raise your hand if you wish to speak / for any questions or comments
- Public comments limited to 3 minutes
- Any technical issues or as an alternative way to provide public comment:
 - email engage@deltacouncil.ca.gov or...
 - call/text **(916) 275-8429**

- If participating via Zoom's online platform, use the "raise hand" feature to indicate you would like to make a comment.



- If participating by telephone, dial *9 to raise your hand

August 2023

DPIIC Restoration Subcommittee Meeting



**Delta Plan Interagency
Implementation
Committee**

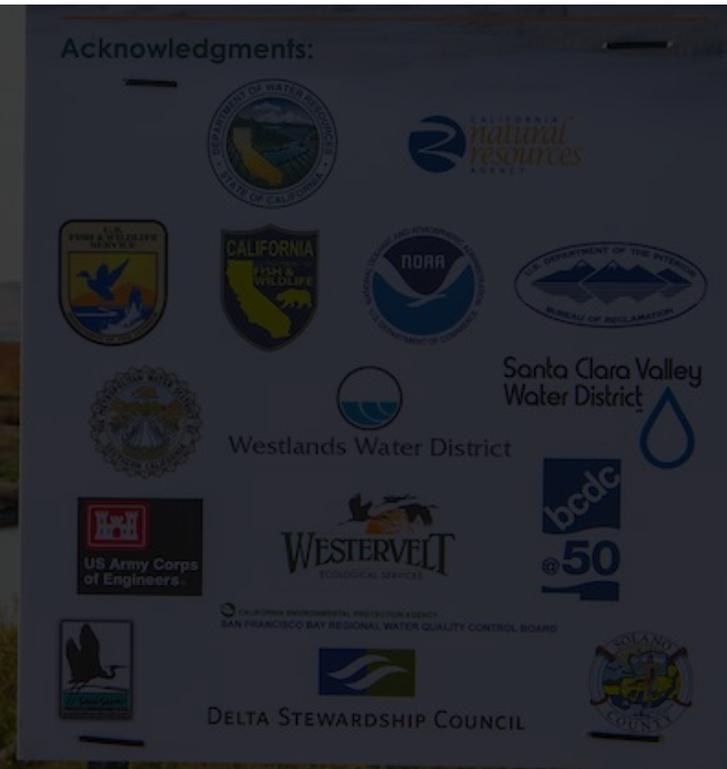
DELTA STEWARDSHIP COUNCIL

Welcome and Introductions

Introductions

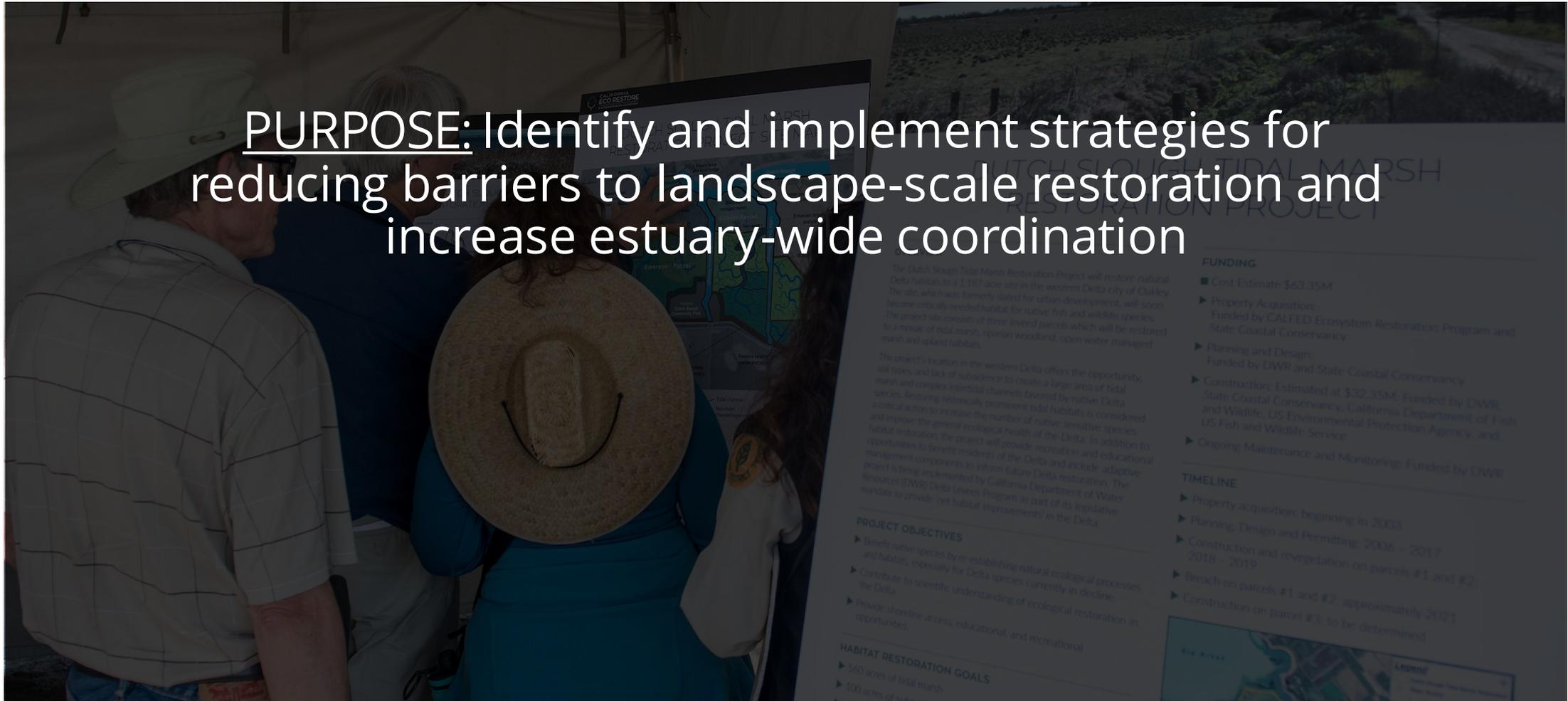
- Name
- Agency or Group

Announcements



Subcommittee Purpose and Structure

PURPOSE: Identify and implement strategies for reducing barriers to landscape-scale restoration and increase estuary-wide coordination



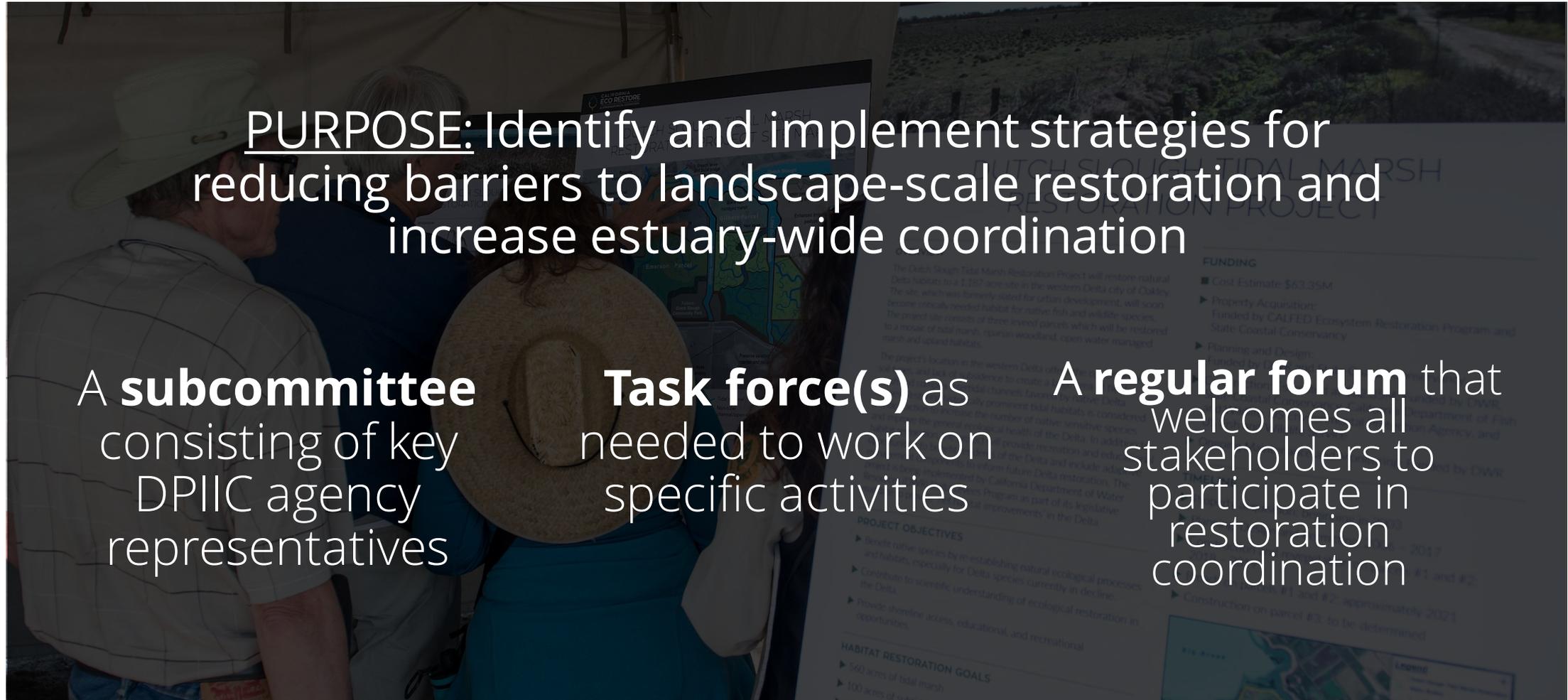
Subcommittee Purpose and Structure

PURPOSE: Identify and implement strategies for reducing barriers to landscape-scale restoration and increase estuary-wide coordination

A **subcommittee** consisting of key DPIIC agency representatives

Task force(s) as needed to work on specific activities

A **regular forum** that welcomes all stakeholders to participate in restoration coordination



Agenda Overview

1. Welcome and Introductions
2. State Water Resources Control Board Statewide Restoration General Order
3. Department of Water Resources' Restoration Update
4. Delta Restoration Funding Needs
5. Closing Remarks and Next Steps
6. General Public Comment

An aerial photograph of a large, winding water body, possibly a reservoir or a series of connected ponds. The water is a deep blue color. A light-colored, winding path or road runs along the edge of the water. In the background, there are rolling hills and mountains under a clear sky. The overall scene is a natural, scenic landscape.

Agenda Item 2:
State Water Resources Control
Board Statewide Restoration
General Order

Statewide Restoration General Order (SRGO) and Program Environmental Impact Report (PEIR) Overview

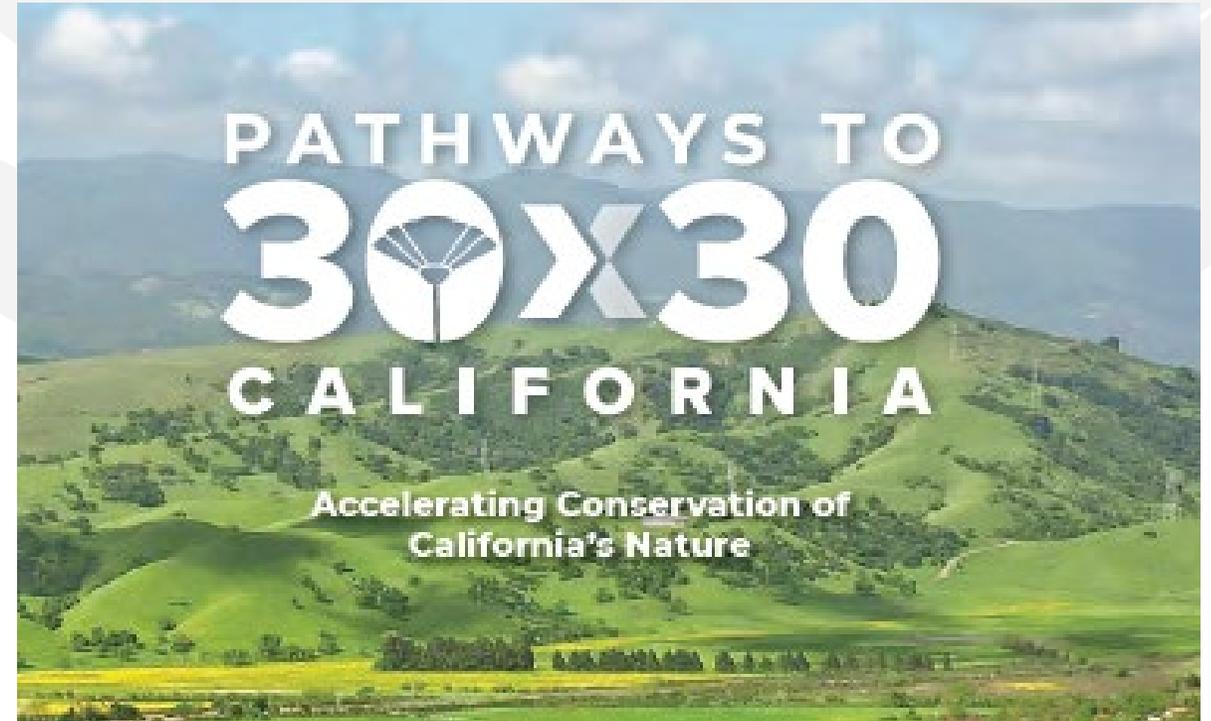
DPIIC Presentation



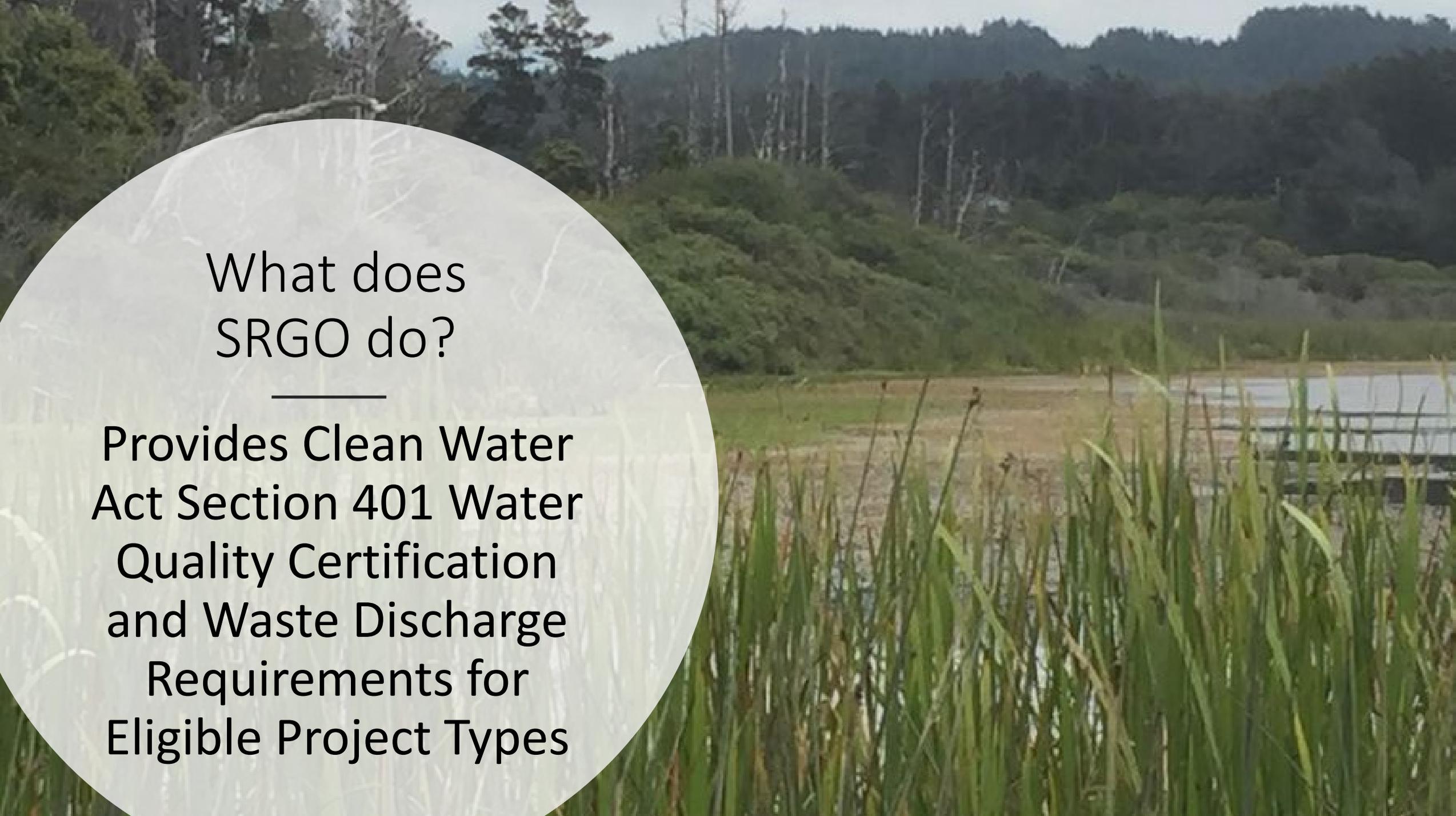
Division of Water Quality – August 16, 2023

Agenda

- What does SRGO do?
- Eligible Project Types
- Inclusion Requirements
- Considerations When Designing Projects
- Exclusions
- Enrollment Process
- CEQA Document
- Common Questions
- Coordination with CDFW
- Resources



In October 2020, Governor Newsom issued the Nature-Based Solutions Executive Order N-82-20, including the goal of conserving 30% of California lands and coastal waters by 2030 (30x30).



What does
SRGO do?

Provides Clean Water
Act Section 401 Water
Quality Certification
and Waste Discharge
Requirements for
Eligible Project Types

Eligible Project Types

1. Improvements to Stream Crossing and Fish Passage
2. Removal of Small Dams, Tide Gates, Flood Gates, and Legacy Structures
3. Bioengineered Bank Stabilization
4. Restoration and Enhancement of Off-Channel and Side-Channel Habitat
5. Water Conservation Projects
6. Floodplain Restoration
7. Removal or Remediation of Pilings and Other In-Water Structures
8. Removal of Nonnative Terrestrial and Aquatic Invasive Species and Revegetation with Native Plants
9. Establishment, Restoration, and Enhancement of Tidal, Subtidal, and Freshwater Wetlands
10. Establishment, Restoration, and Enhancement of Stream and Riparian Habitat and Upslope Watershed Sites

Inclusion Requirements

Includes projects that meet the definition as noted in the Order: A "restoration project" is defined as one that would result in a net increase in aquatic or riparian resource area functions and/or services through implementation of the eligible project types, relevant general protection measures (GPMs), and consideration of design guidelines.



Considerations When Designing Projects

- General Protection Measures (GPMs or BMPs) in Order Attachment A.5.2
- Design Guidelines in Order Attachment A.6
- Species Protection Measures in PEIR Appendix F
- Mitigation Measures throughout PEIR





Exclusions

Excludes projects that:

- Don't meet the restoration definition in the Order
- Are prohibited per Section XIII.F. of the Order
- Are excluded under Section XIII.G.3. of the Order

Enrollment Process

All Final Documents Posted to the Web - See the Notice of Intent (NOI) Preamble 'Enrolling Projects Under the Order'

https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html

Before authorization:

1. Read the Order
2. Determine the CEQA lead agency
3. Tribal consultation
4. Pre-application consultation
5. Submit a complete NOI and application fee
6. Completeness determination
7. Notice of Applicability (NOA) or Exclusion

After authorization:

8. Project implementation
9. Project status notifications and reporting
10. Monitor the project and document findings
11. Submit a Request for Notice of Project Complete Letter

CEQA Document

- Program Environmental Impact Report
- Informs the program-level environmental effects of implementing restoration projects covered under the SRGO
- PEIR may be used for CEQA compliance as determined appropriate by the lead agency for individual restoration projects



Common Questions

1. I have a landscape level project with individual actions that cross Regional Board boundaries. Who is the approving Water Board?
2. I'm applying for a grant. How can SRGO help me?
3. What options do I have for satisfying CEQA if enrolling under the SRGO?



The logo for the California Department of Fish & Wildlife is a shield-shaped emblem. It features a blue background with yellow text and graphics. At the top, the word "CALIFORNIA" is written in large, bold, yellow capital letters. Below it, the words "DEPARTMENT OF" are in smaller yellow capital letters, followed by "FISH & WILDLIFE" in large, bold, yellow capital letters. On the left side of the shield is a yellow silhouette of the state of California. On the right side is a yellow silhouette of a bear walking to the left.

CALIFORNIA

DEPARTMENT OF
FISH &
WILDLIFE

Coordination with CDFW

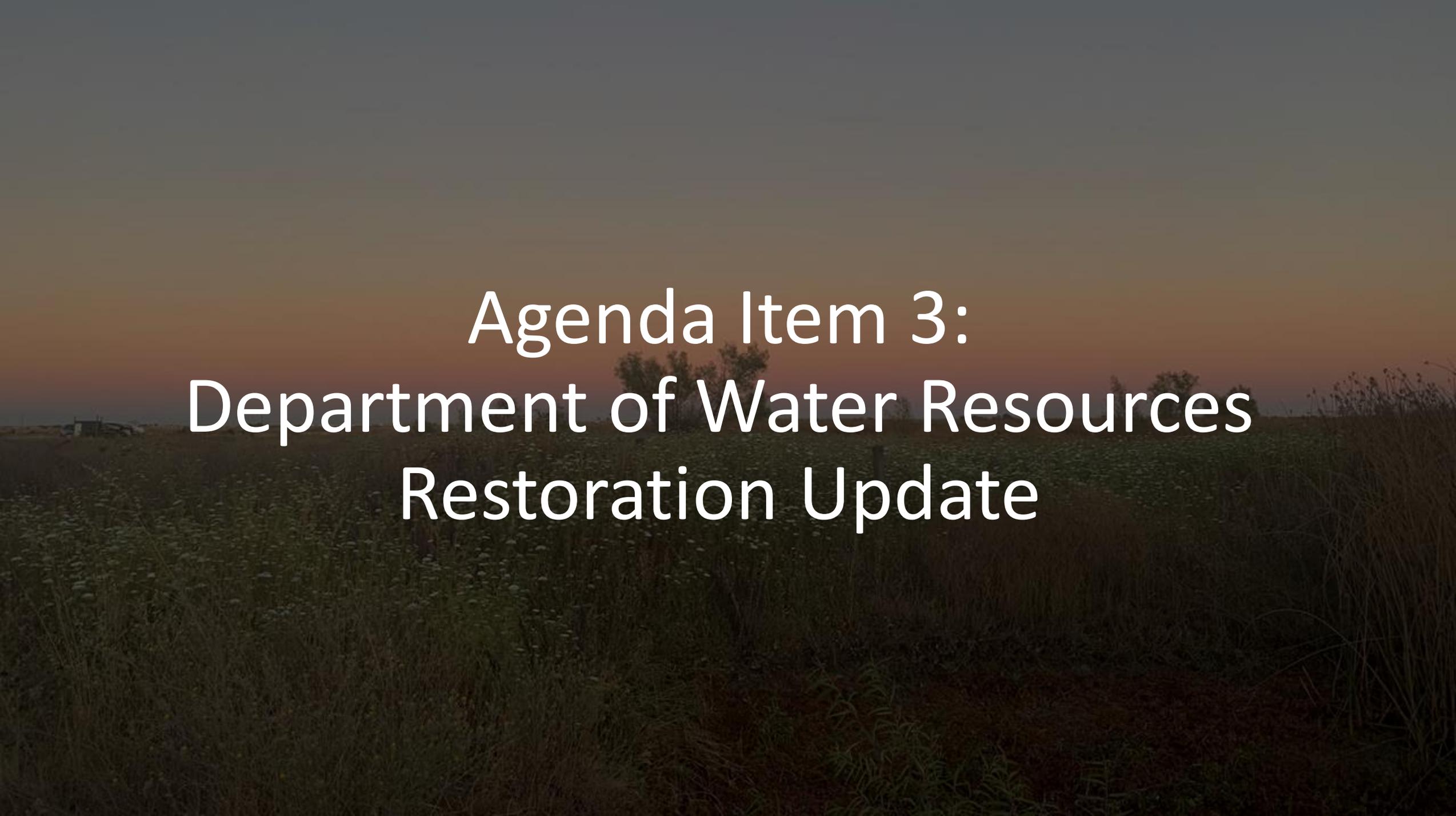
CEQA Statutory Exemption
for Restoration Projects
(SERP):

<https://wildlife.ca.gov/Cutting-Green-Tape/SERP>

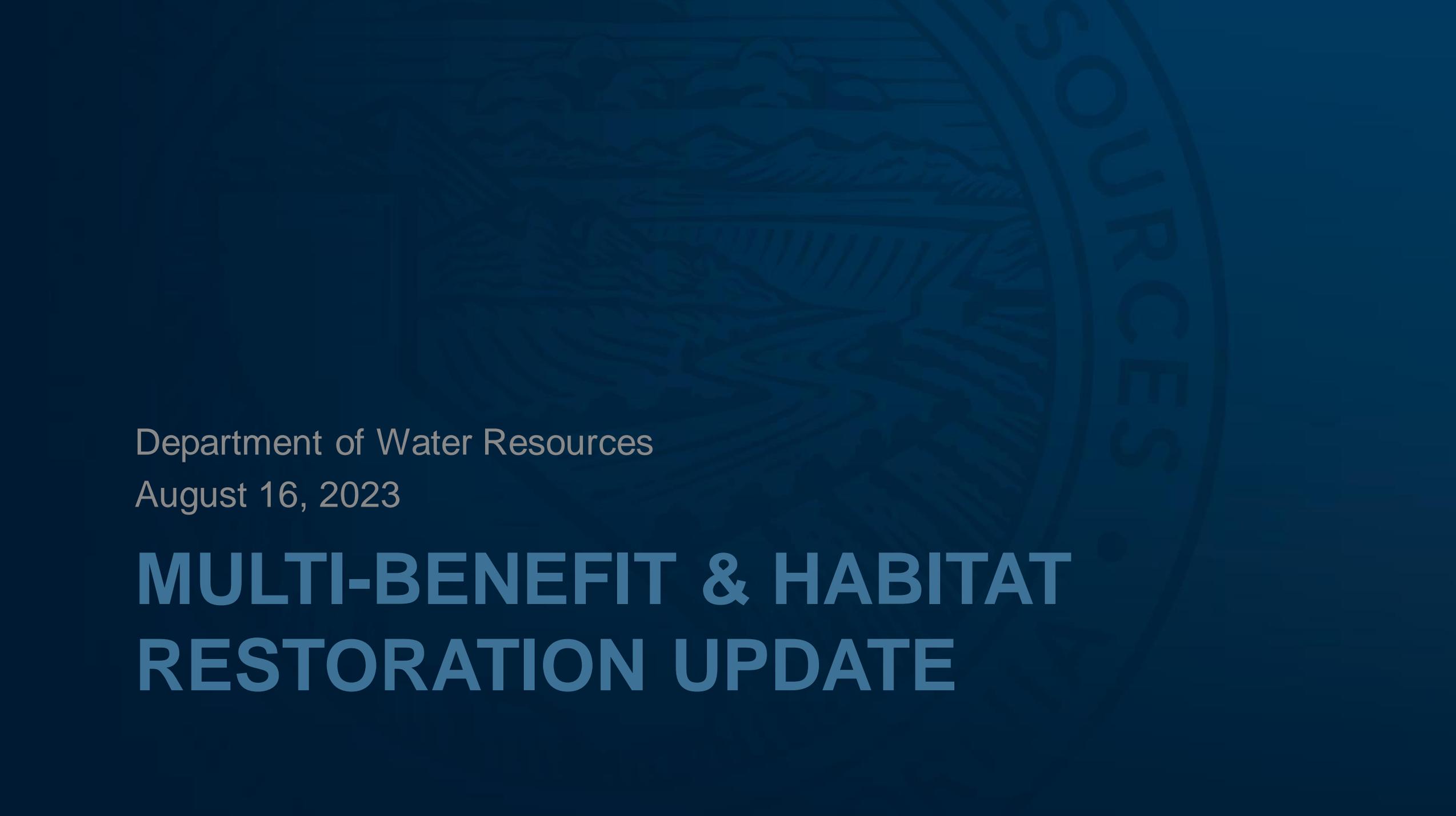
Resources

- Jessica.Nadolski@waterboards.ca.gov
- 401 Water Quality Certification and Wetlands Program:
https://www.waterboards.ca.gov/water_issues/programs/cwa401/
- Final documents available at:
https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html
- CDFW's CEQA Statutory Exemption for Restoration Projects (SERP): <https://wildlife.ca.gov/Cutting-Green-Tape/SERP>





Agenda Item 3:
Department of Water Resources
Restoration Update



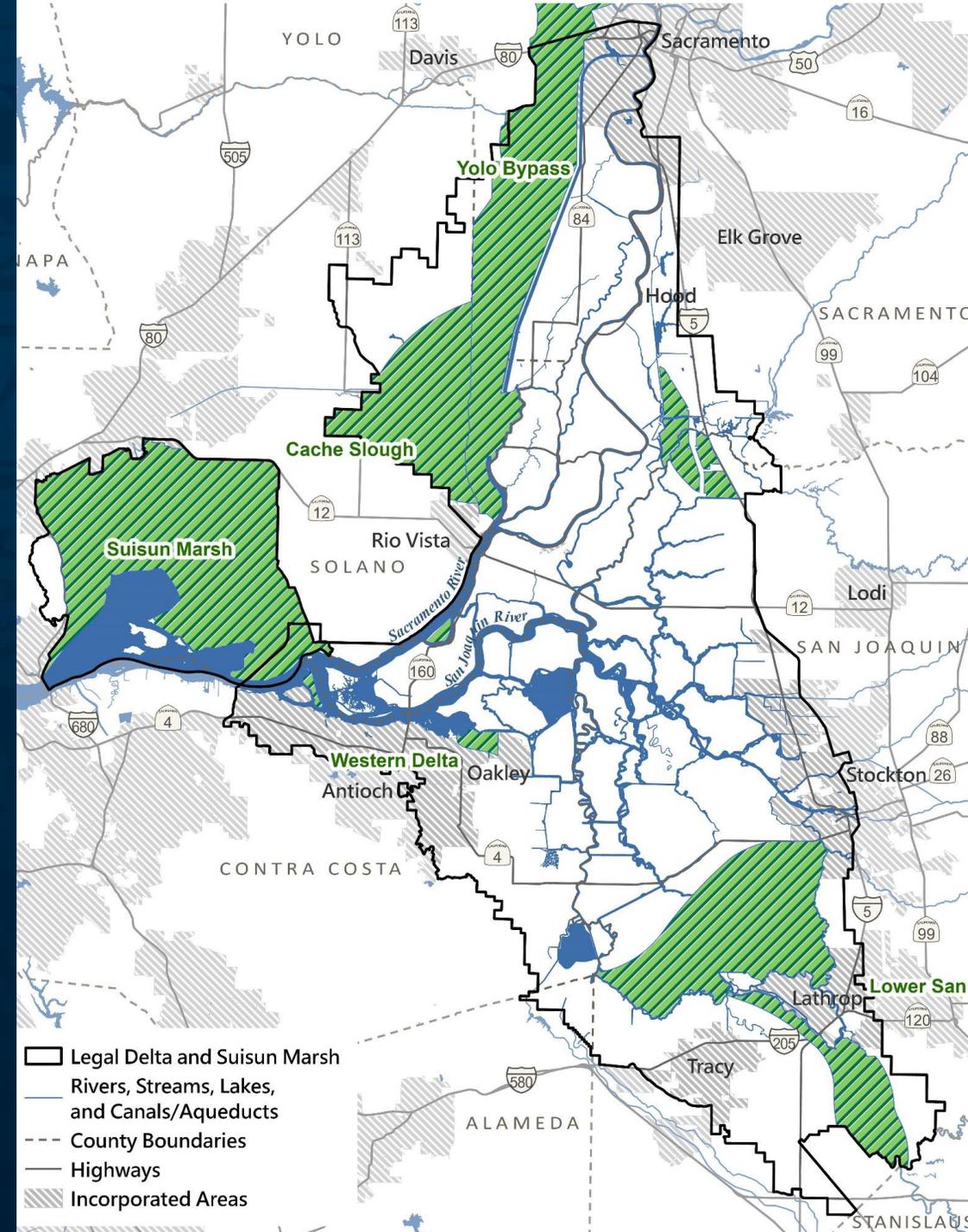
Department of Water Resources

August 16, 2023

MULTI-BENEFIT & HABITAT RESTORATION UPDATE

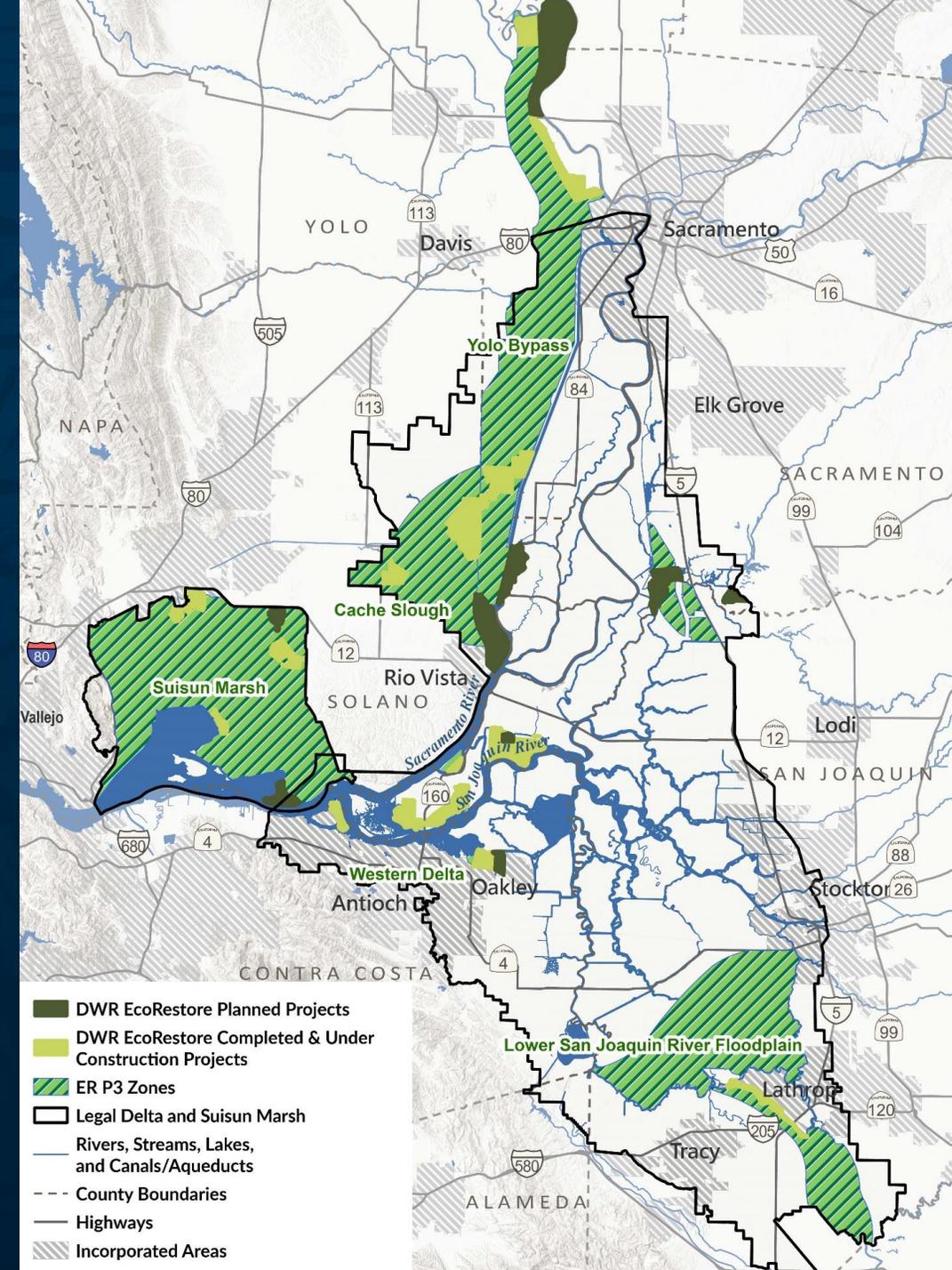
Delta Plan – Chapter 4 Amendment

- Priority habitat areas
- Create 60,000 to 80,000 acres of new functional & diverse habitat



DWR's Multi-benefit Habitat Restoration

- Best available science
- Multi-benefits
- Mix of habitat types
- Land stewardship



Habitat Created & Enhanced

NON-TIDAL WETLAND CREATED

UNDERWAY AND COMPLETED: **2,000 ACRES**
PLANNED BY 2030: **2,800 ACRES**

TIDAL AND SUBTIDAL HABITAT

UNDERWAY AND COMPLETED: **10,000 ACRES**
PLANNED BY 2030: **14,000 ACRES**



FLOODPLAIN RESTORATION

UNDERWAY AND COMPLETED: **16,000 ACRES**
PLANNED BY 2030: **18,500 ACRES**

RIPARIAN AND UPLAND HABITAT

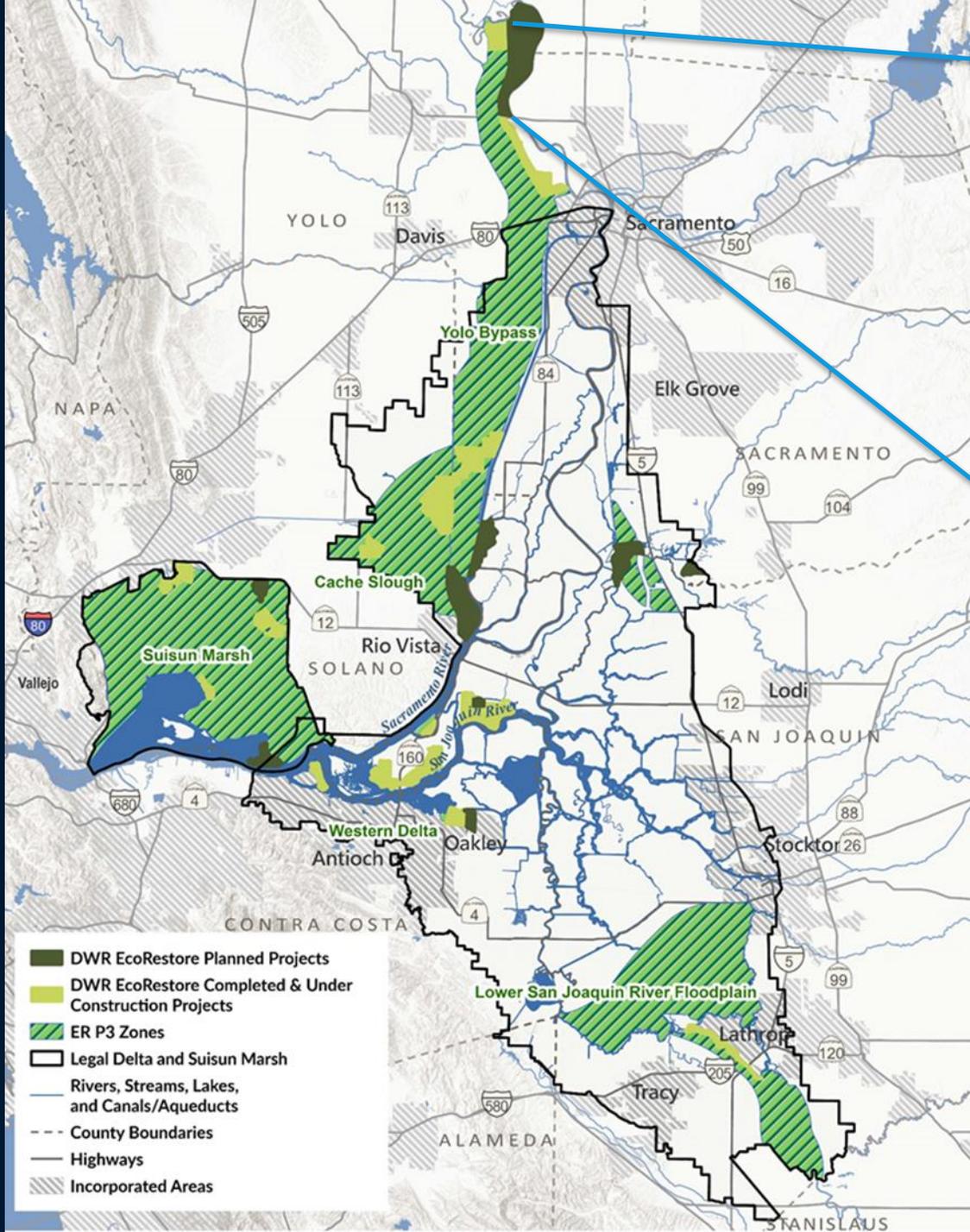
UNDERWAY AND COMPLETED: **875 ACRES**
PLANNED BY 2030: **1,600 ACRES**



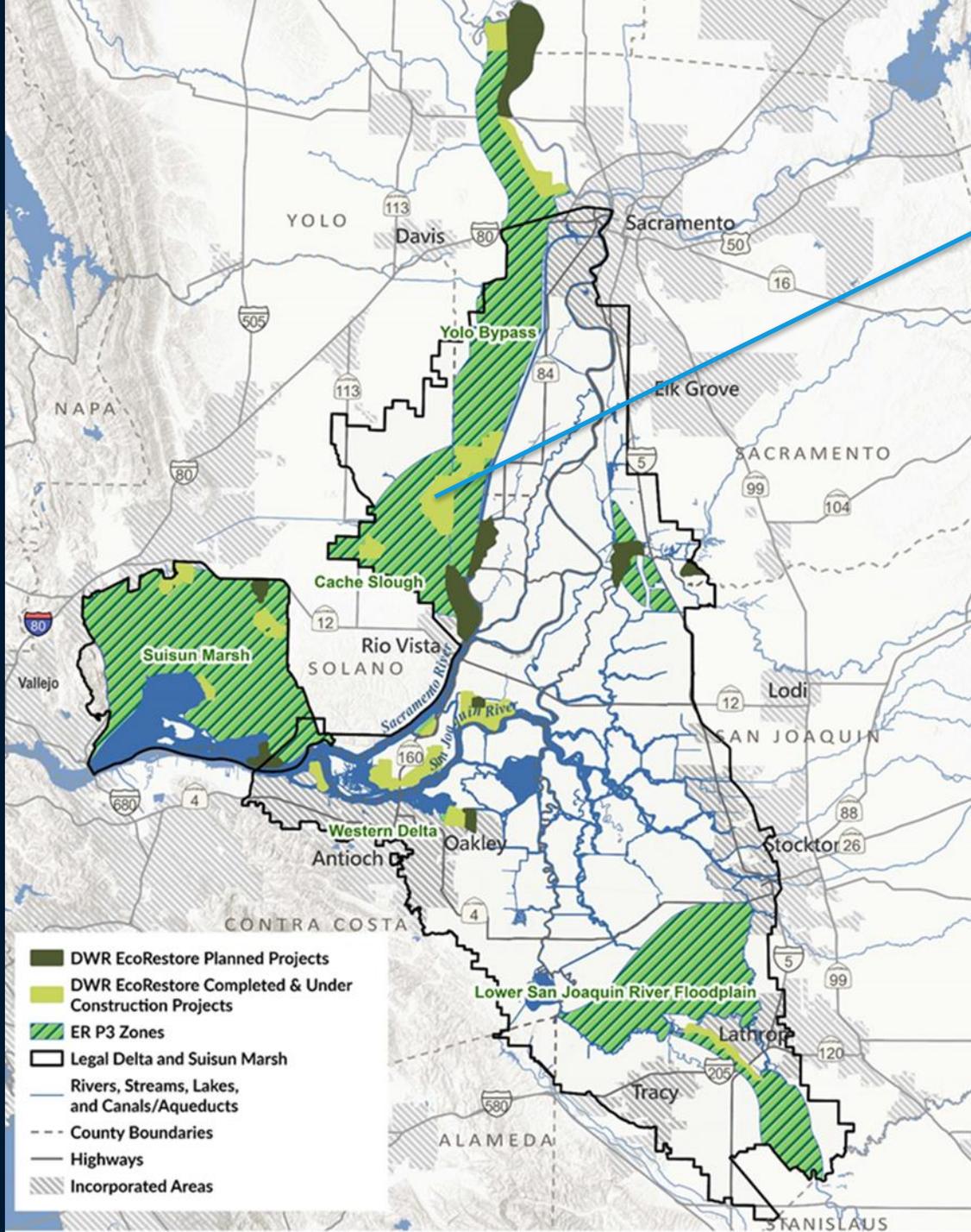
Fremont Weir & Big Notch



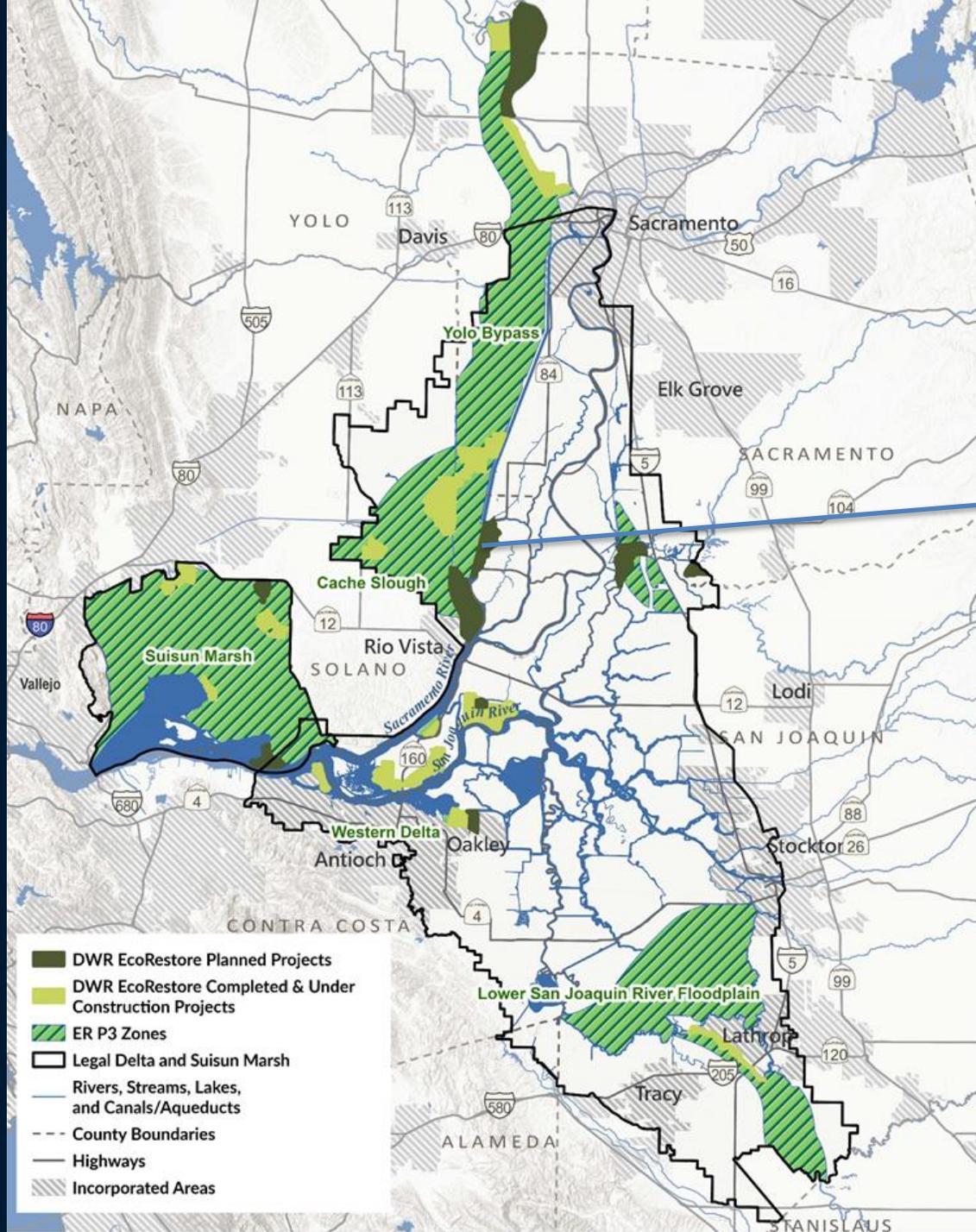
Upper & Lower Elkhorn



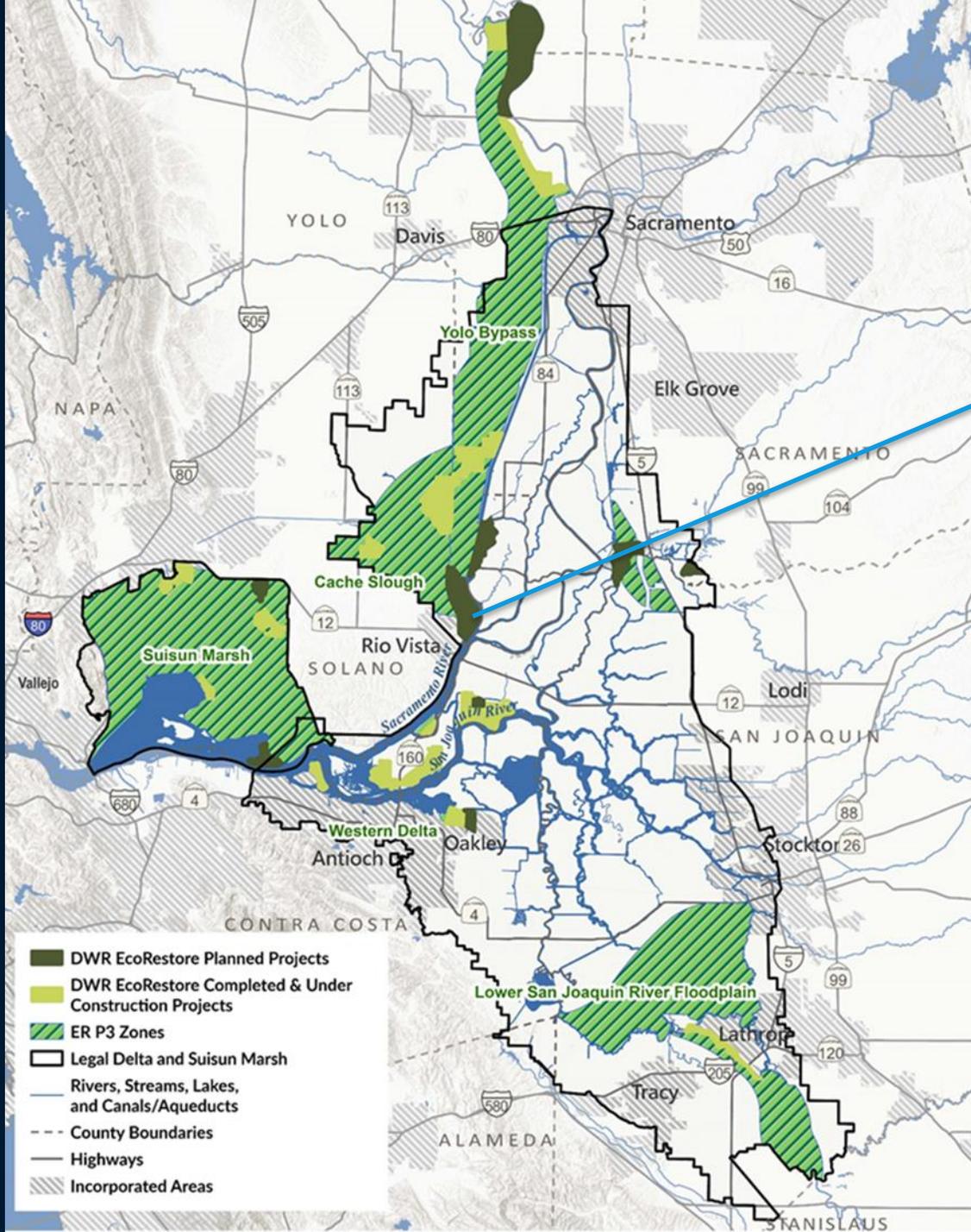
Cache Slough Lookout Slough



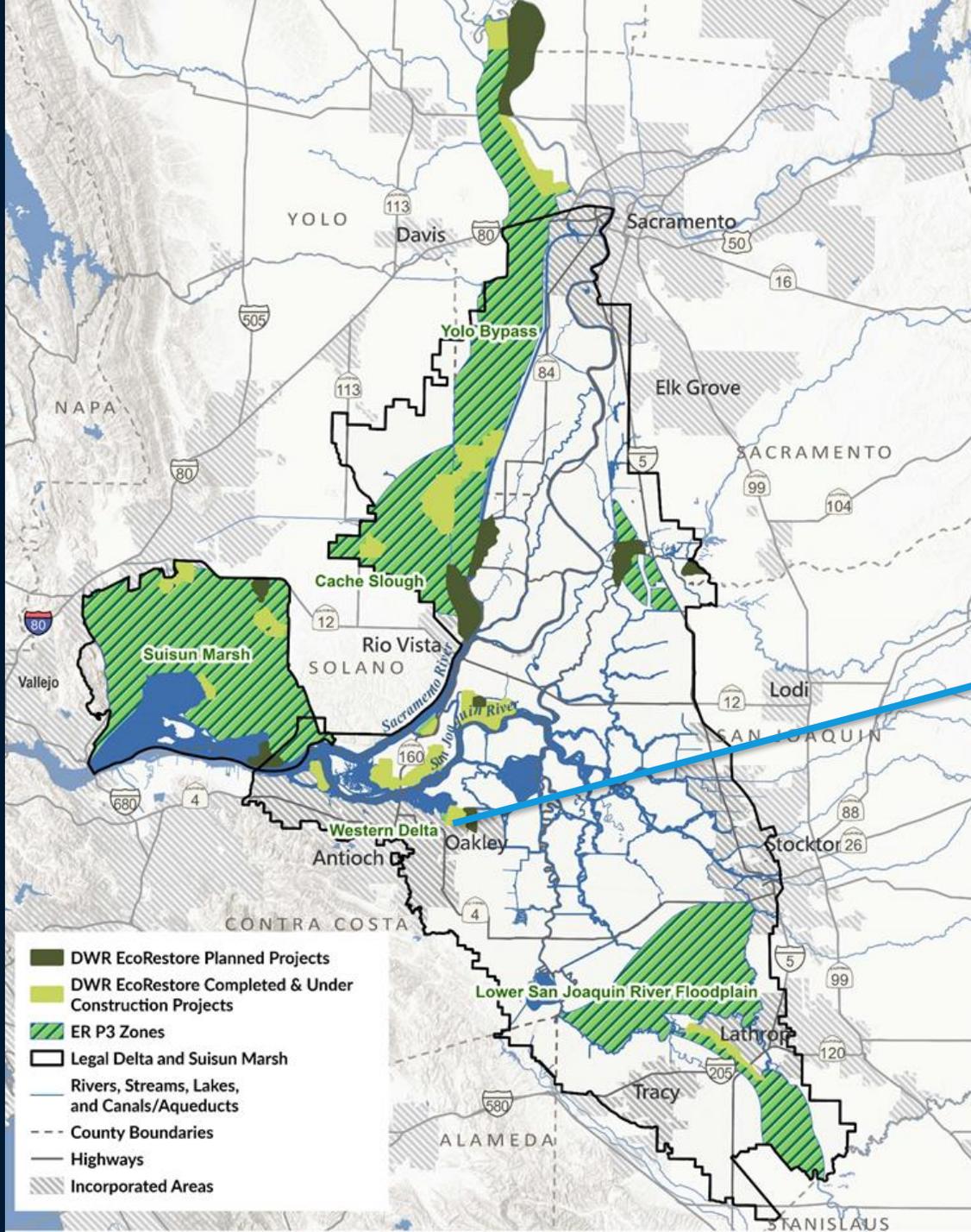
Prospect Island



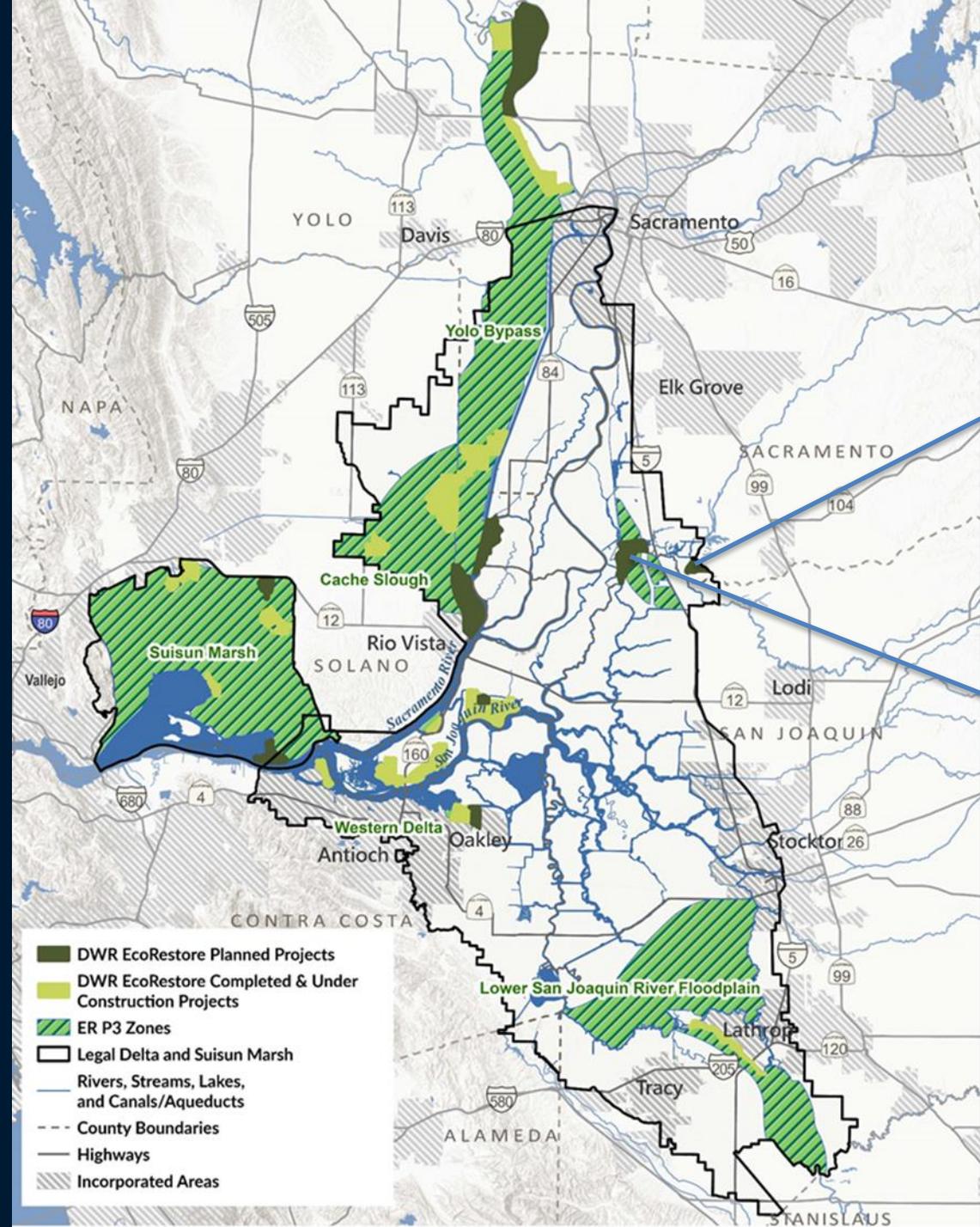
Little Egbert Tract



Western Delta Dutch Slough



Grizzly Slough & McCormack Williamson Tract



Contact Us

- Steve Rothert: Steve.Rothert@water.ca.gov
- Charlotte Biggs: Charlotte.Biggs@water.ca.gov

A scenic view of a river or lake with a rocky foreground, green grass, and trees under a clear blue sky. The water is calm and reflects the sky. The foreground is dominated by dark, rounded rocks and patches of green grass. In the background, there are more trees and a clear horizon line.

Agenda Item 4: Delta Restoration Funding Needs

Background and Purpose

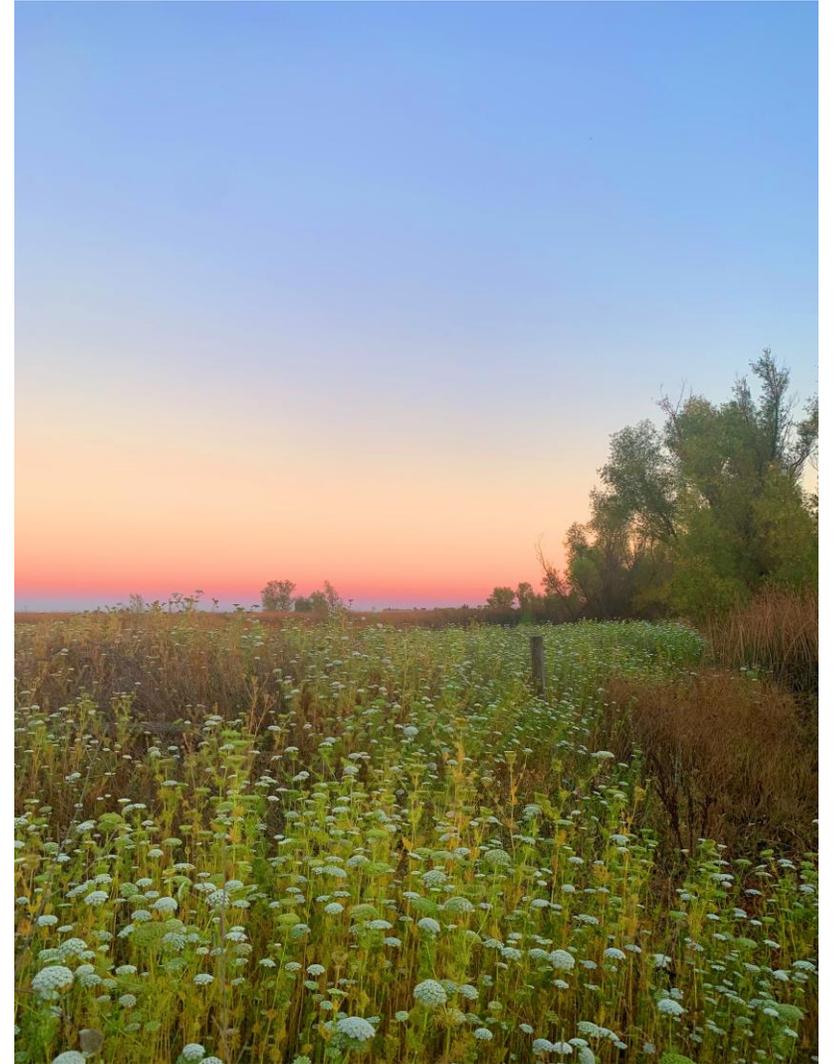
- **Purpose:** inform ongoing bond discussions by assessing restoration funding needs in the Delta and Suisun Marsh for the next 10 years
- Participants
 - CNRA
 - DWR
 - CDFW
 - Delta Stewardship Council
 - Delta Protection Commission
 - Suisun Marsh RCD
 - Delta Conservancy



Ryer Island, Suisun Marsh

Key Takeaways

- **Total of \$2.4 billion needed for full funding**
- Developed a spreadsheet with funding needs that fall into three categories:
 - Defined Projects
 - Programs
 - Delta Flood Protection
- Funding needs in each category were listed in a rough priority based on the level of development and readiness
- Identified linkages to statewide and regional objectives and lead agencies for receiving and distributing funding
- Intend to continue to meet at least annually and broaden participation to include local government and community voices



Yolo Bypass Wildlife Area

Project Funding Needs

Defined Projects	Brief Description	Links to Regional and Statewide Objectives	Estimated Cost	Agency Lead
Yolo Bypass	Multiple projects underway, under development and under consideration. Underway include Lower Elkhorn Basin Levee Setback, Lookout Slough; under development include Little Egbert Tract multibenefit project, Prospect Island tidal habitat project, Tides End tidal wetland and floodplain restoration project. Under consideration include Upper Elkhorn Basin, Tule Canal Corridor enhancement, "managed floodplain" projects e.g. "Nigiri" and Conway Ranch. Long term consideration of habitat restoration along Deep Water Ship Channel.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, CVFPP objectives, public funding components of EcoRestore	\$450,000,000	DWR
Elkhorn Slough Reconnection	This project will reconnect Elkhorn Slough to the Sacramento River providing alternate migration routes for salmonids and improved riparian habitat and flood protection along 9 miles of Elk Slough.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, CVFPP objectives, VA objectives	\$80,000,000	Delta Conservancy
Frank's Tract	This project would re-configure Frank's Tract to reduce salinity intrusion into the Central Delta and provide tidal and riparian habitat, improve local access and recreation opportunities, improve flood protection for Bethel Is, and invasive species control.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, Access for All, CVFPP	\$300,000,000	CDFW, DWR, Delta Conservancy
Van Sickle	This project would provide a sustainable solution to ongoing flooding of Van Sickle Island by improving levees and developing mid-term subsidence reversal projects to restore the island to tidal elevations.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, CVFPP objectives, VA Objectives	\$150,000,000	DWR, Delta Conservancy
South Delta Bypass	This project would provide a bypass facility for the South Delta and increase flood protection for the communities south of Stockton, provide improved migration corridor for salmonids and a riparian corridor.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, CVFPP objectives	\$150,000,000	DWR
South Delta Dredging	This project would improve riparian habitat, improved migratory corridor for salmonids, improve river navigation and agricultural diversions.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, Access for All, agricultural viability	\$100,000,000	DWR
Big Break Restoration	This project would utilize San Joaquin River Deepwater Channel dredge material to restore Big Break to tidal marsh elevations.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, CVFPP objectives	\$25,000,000	DWR, ACOE
Cosumnes to Delta Meadows Public Access	This project would establish a State Park boundary that connects the Cosumnes River corridor to Delta Meadows to provide public access. Links with expected restoration of McCormack Williamson.	Supports Access for All, 30X30	\$30,000,000 - 50,000,000	DWR, Dept. Parks

Program Funding Needs

Programs	Brief Description	Links to Regional and Statewide Objectives	Estimated Cost	Agency Lead
General Ecosystem Restoration	These funds would support ecosystem restoration targets in Chapter 4 of the Delta Plan, including tidal, upland, floodplain and riparian habitats.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, Access for All	\$175,000,000	CDFW, Delta Conservancy
Delta Subsidence and Carbon Management	This program would continue efforts to convert deeply subsided lands in the Delta to managed wetland or rice cultivation to stop subsidence and related carbon emissions. Approx 15,000 to 20,000 acres toward 60,000 acre target in the Scoping Plan.	Supports NBS, NWLS targets, 2022 Scoping Plan targets, Delta Plan Chapter 4 restoration targets, and 30X30	\$100,000,000	Delta Conservancy
Suisun Marsh	These funds would support integration of landscape levee improvements, water quality improvements and ecosystem function (existing wetland and wildlife resources, carbon sequestration and GHG reduction) contributing to the recover of listed fish and pelagic organism food web resources. Supporting the unique link between bay-delta system.	Supports NBS, NWLS targets, 2022 Scoping Plan targets, Delta Plan Chapter 4 restoration targets, 30X30, Suisun Marsh Protection Plan, SF Bay Plan	\$20,000,000	Delta Conservancy, Suisun Marsh RCD
Delta As Place	These funds would continue to support projects that provide increased economic viability through greater public access, recreation and tourism opportunities.	Supports Access for All and Delta Plan economic objectives	\$20,000,000	Delta Conservancy and Delta Protection Commission
Delta Adapts	These funds would support early implementation of the forthcoming Delta Adapts Climate Strategy, including climate friendly agriculture.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, Access for All	\$75,000,000	Delta Conservancy
National Heritage Area	These funds would support implementation of the forthcoming Natural Heritage Area management plan.	Access for All	\$5,000,000	Delta Protection Commission

Delta Flood Protection Funding Needs

Delta Flood Protection	Brief Description	Links to Regional and Statewide Objectives	Estimated Cost	Agency Lead
Multi Benefit Setback Levees	Recent planning efforts (5-year plans) conducted by 75 local Reclamation Districts has identified a \$1.4 Billion need to bring levees up to State and Federal standards. Through the Delta Levee and Subvention Programs, this funding will provide half of the documented need over a 10 year period to improve flood protection and aquatic and riparian habitat.	Supports 30X30 objectives, Delta Plan Chapter 4 restoration targets, CVFPP objectives	\$700,000,000	DWR

An aerial photograph showing a winding river with several meanders. The river flows from the top left towards the bottom right. The surrounding landscape includes green grassy areas, a large field of young corn plants in the middle right, and a residential neighborhood with many houses in the background. The text "Agenda Item 5: Closing Remarks and Next Steps" is overlaid in white on the river.

Agenda Item 5:
Closing Remarks and
Next Steps

Next Steps

- Suggested agenda items for next Subcommittee meeting
- Next full DPIIC meeting: November 7
- Second Delta Restoration Forum: Fall 2023
- Other Subcommittee business
- Public comment



Agenda Item 6: General Public Comment

