



Wednesday, May 8
10:30 AM – 11:45 AM

REGION ISSUE FORUM

Understanding the Bay Delta Plan's Impacts on Region 4

Moderator:

David Guy, Northern California Water Association

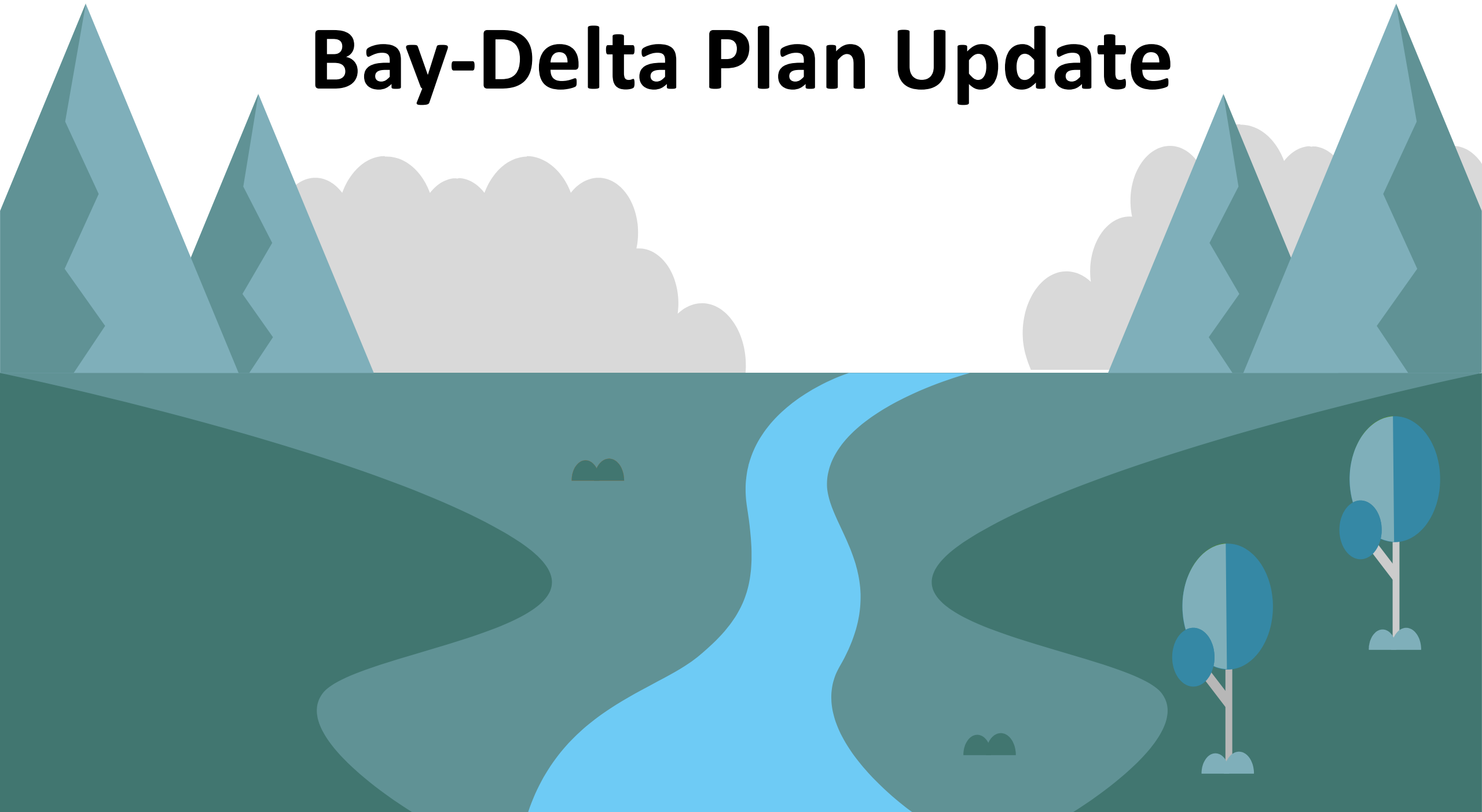
Speakers:

Sean Maguire, State Water Resources Control Board

Michael Cooke, Turlock Irrigation District

Alexander Rabidoux, Solano County Water Agency

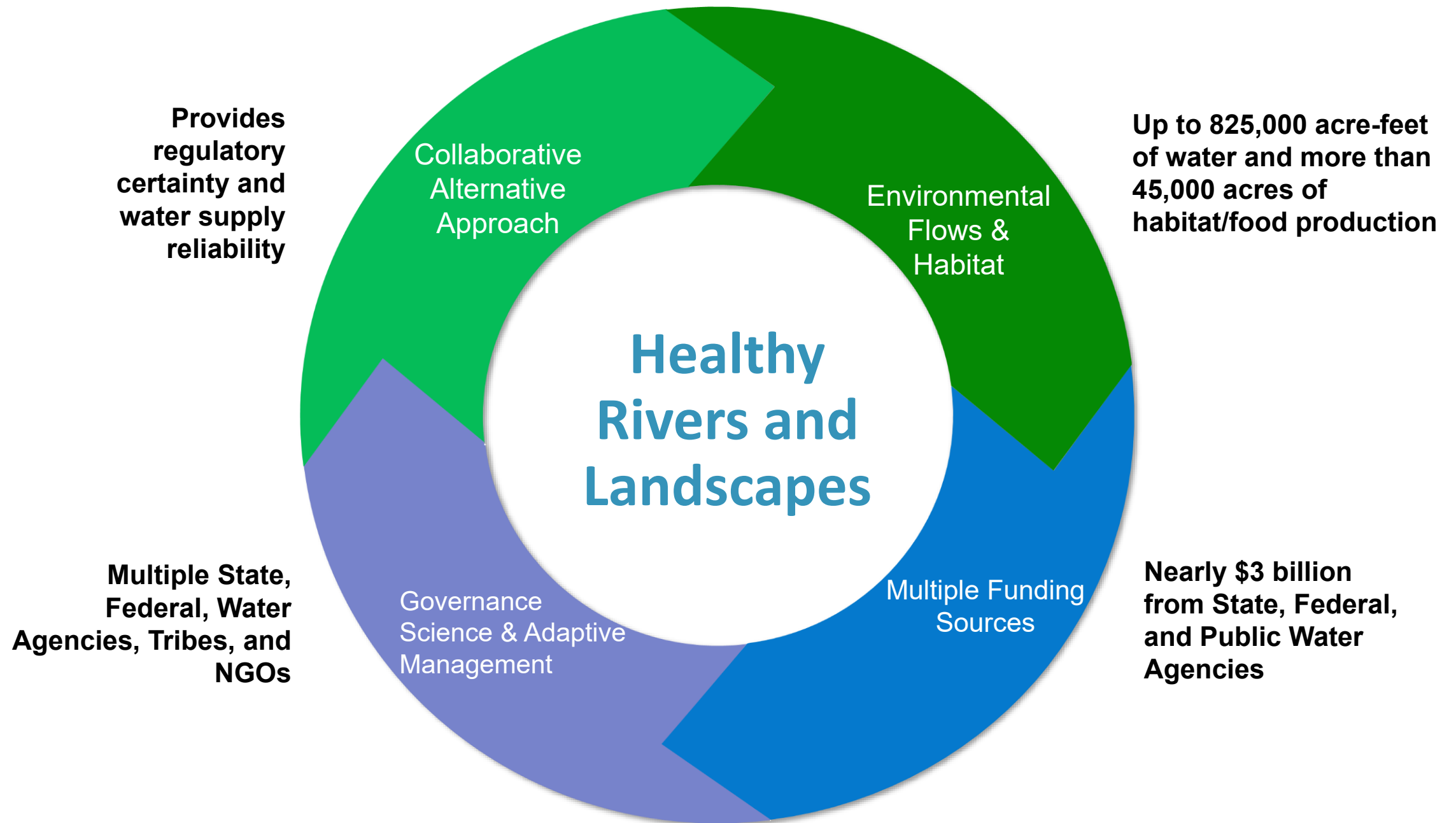
Bay-Delta Plan Update



Agreements to Support Healthy Rivers and Landscapes

Overview: Healthy Rivers and Landscapes Program





An Exciting New Watershed Approach for California



State Water Contractors & Northern California Water Association Release Informational Video on Agreements to Support Healthy Rivers & Landscapes

With the State Water Board hosting a workshop next week on the [Agreements to Support Healthy Rivers and Landscapes](#), the State Water Contractors and Northern California Water have joined together to help describe the Agreements and the Healthy Rivers and Landscapes program. We encourage you to watch the [new whiteboard video](#) to learn more. The Agreements are a transformational approach to managing California's water, which is important to address our new climate reality by implementing innovative approaches and forging partnerships to navigate the complexities of our shifting water landscape and safeguard the future of our state's natural resources.

California's Agreements to Support Healthy Rivers & Landscapes New Whiteboard Video

The Agreements provide the forum, resources, and adaptive management needed to most efficiently and effectively use the water we have while ensuring water supply reliability and recovering fish populations.



SCAN QR CODE
TO WATCH VIDEO



VOLUNTARY AGREEMENTS

- FOOD PRODUCTION
- RESTING HABITAT
- IMPROVED PASSAGE

Updates to the Bay-Delta Plan

ACWA Conference - Spring 2024

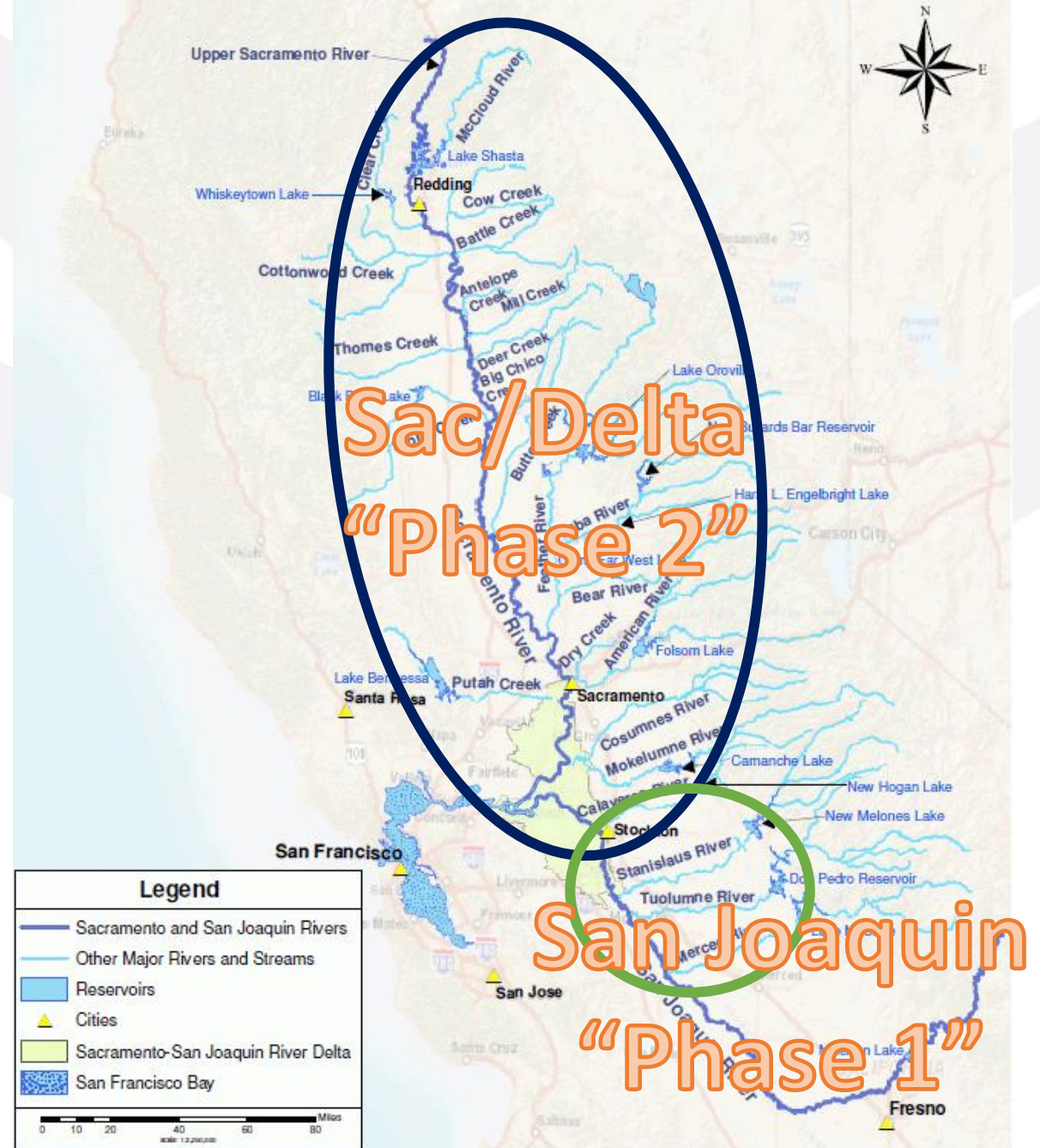
Sean Maguire, State Water Board Member

May 8, 2024



State Water Resources Control Board

San Francisco Bay/ Sacramento-San Joaquin Delta (Bay-Delta) Watershed



Bay-Delta Plan

- Beneficial uses: municipal and industrial, agricultural, fish and wildlife
- Water quality objectives: narrative and numeric (primarily flow-dependent)
- Program of implementation: flow and nonflow actions
- Monitoring and evaluation: to assess compliance and effectiveness of implementation actions

Purpose of Updates to the Bay-Delta Plan

- Native species have undergone substantial population declines
- Aquatic ecosystem stressors:
 - Flow alteration
 - Habitat loss
 - Water quality
- Bay-Delta Plan updates are intended to establish flow and related measures to protect native species
- Those measures are then implemented through subsequent water right/water quality actions



Bay Delta Plan Update Background

- 1995: Bay-Delta Plan Update (2006 minor revision)
- 1999: Water Right Decision D-1641
- 2009: Delta Reform Act
- 2010: Delta Flow Criteria Report
- 2012: Supplemental Notice of Preparation
- 2012–2016: Workshops and public meetings to inform Sacramento/Delta updates to the Bay-Delta Plan

Bay Delta Plan Update Background Cont.

- 2017: Peer-reviewed Scientific Basis Report Completed
- 2018: Staff Framework for possible Phase 2 Updates
- 2018 Board Adopts Phase 1, Commits to evaluating VA
- 2022 Voluntary Agreement MOU + Other Documents (submitted through March 2024)
- September 2023 Draft Staff Report / Environmental Analysis
- December 2023: Bay-Delta Plan Board Workshops
- April 2024: VA Board Workshop

What are the Options to Update?

Unimpaired Flow
Approach

VA Healthy Rivers
and Landscapes
Approach

Staff Proposed Approach

- Water Boards Staff “proposed Plan amendments”
 - Year-round inflows of 55% of unimpaired inflows with an adaptive range from 45–65%
 - Narrative cold water habitat objective and implementation measures
 - Year-round inflow-based Delta outflows
 - Interior Delta flows to avoid export related impacts
 - Science, monitoring, evaluation, reporting and other provisions

Draft Staff Report Alternatives

- See Section 7.2, *Alternatives Description*
- Stand-Alone Alternatives:
 - Proposed Plan Amendments (based on 2018 Framework)
 - Proposed VAs (based on VA MOU)
 - Low Flow Alternative – same as Proposed Plan Amendments but inflows of 35-45% of unimpaired flow
 - High Flow Alternative – same as Proposed Plan Amendments but inflows of 65-75% of unimpaired flow
 - No Project Alternative
- Modular Alternatives:
 - Interior Delta Flow and Fall Delta Outflow Variations
 - Drought Alternatives
 - Protection of VA Flows Alternative
- State Water Board has not yet made any decisions on how to move forward, and all alternatives are available for consideration

Next Steps for LSJR/SD Implementation and Tuolumne River VA Consideration (PHASE 1)

- Implementation of 2018 LSJR/SD Update
 - Staff currently drafting an EIR and regulation
 - **Early 2025:** Release draft EIR and draft regulation for public review and hold public workshop
- Consideration of Tuolumne River VA
 - Environmental and technical review ongoing
 - Would require changes to the Plan updates that were adopted in 2018
 - **Summer 2024:** Release draft Scientific Basis Report for public review, hold public workshop, and submit report for external scientific peer review
 - **Late 2024:** Respond to comments on draft Scientific Basis Report, including peer review comments

Next Steps for Sacramento/Delta Update (PHASE 2)

- **Mid-2024:** Consider input received during VA workshop to inform development of draft program of implementation language
- **Summer/Fall 2024:** Release specific draft Sacramento/Delta updates to Bay-Delta Plan (including program of implementation language) for public review and comment and hold public workshop
- **First Quarter 2025:** Release final draft for public review
- **Second Quarter 2025:** Board meeting to consider adoption

Three thick, light gray wavy lines that sweep across the top half of the slide, creating a sense of movement and flow.

Thank You!



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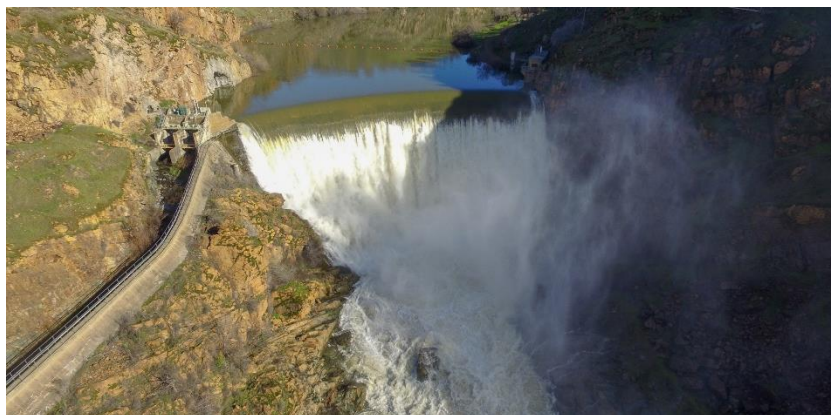


@Turlockid

www.TID.org

Michael Cooke

*Director of Water Resources
and Regulatory Affairs*





DRAFT

Staff Report/Substitute Environmental Document in Support of Potential Updates to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary for the Sacramento River and its Tributaries, Delta Eastside Tributaries, and Delta

September 2023

State Water Resources Control Board

DRAFT

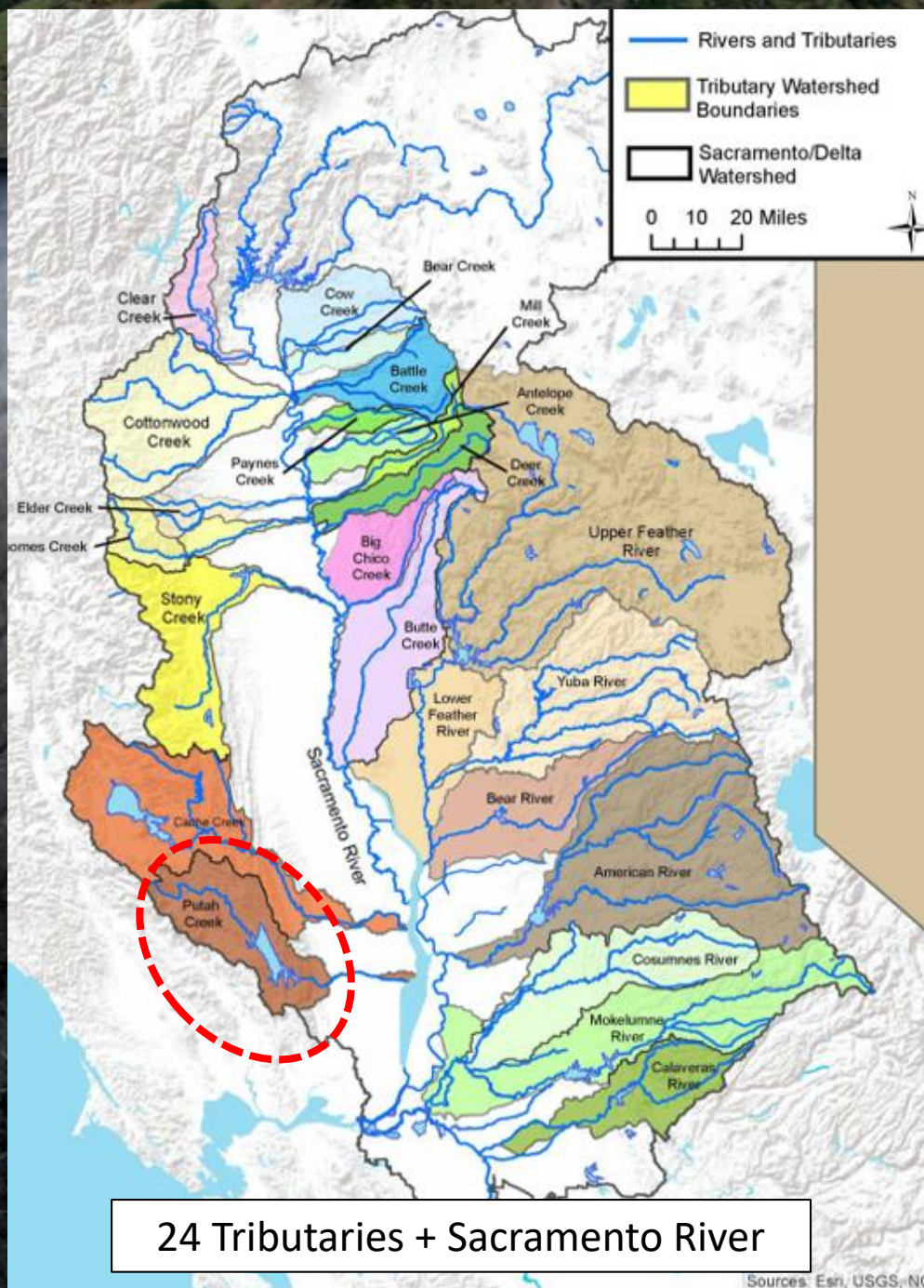
STAFF REPORT/SUBSTITUTE ENVIRONMENTAL DOCUMENT IN SUPPORT OF POTENTIAL UPDATES TO THE WATER QUALITY CONTROL PLAN FOR THE SAN FRANCISCO BAY/SACRAMENTO-SAN JOAQUIN DELTA ESTUARY FOR THE SACRAMENTO RIVER AND ITS TRIBUTARIES, DELTA EASTSIDE TRIBUTARIES, AND DELTA

PREPARED BY:

State Water Resources Control Board

September 2023





Bay Delta Plan Update, Draft Staff Report **(Phase 2 – Sac/Delta/Eastside Watershed)**

- 55% Unimpaired Flows from Sac River, tribs, and Delta eastside tribs. (45%-65%)
- Inflow-based Delta Outflows.
- Cold water habitat provisions (Res. Ops).
- Interior Delta flows.
- Monitoring, reporting, and evaluation.

Context for the Bay-Delta Plan Update (Page 1-1, PP 2)

The Bay-Delta watershed is an integral part of California's environment, economy, and way of life. Protecting the Bay-Delta watershed and its many beneficial uses of water is one of the State Water Board's primary responsibilities and top priorities. In response to declines of several native aquatic species since the Bay-Delta Plan was last comprehensively updated, the State Water Board is in the process of updating and implementing the Bay-Delta Plan to provide for the reasonable protection of native fish and wildlife. In response to comments from California Native American tribes within the watershed, the State Water Board is considering incorporation of tribal and subsistence beneficial uses of water that are related to the existing fish and wildlife beneficial uses.

Impact to Solano County | 75% Reduction

Agency	Current Allocation (AF)	New Allocation (AF)
Vallejo	14,600	3,650
Fairfield	9,200	2,300
Vacaville	5,750	1,438
Suisun City	1,600	400
MPWD (Ag)	15,000	3,750
SID (Ag)	141,000	35,250
UC Davis	4,000	1,000
CSP Solano	1,200	300
Total =	192,350	48,088

Solano Project Serves:

- 400,000 residents
- 62,000 acres (irrigated)
- 2nd most Diverse County Ag. (95 different crops)

Would cripple our Ag. & Urban community.

Loss of 144,000-AF of Highest-Quality Surface Water

Solano & SWRCB staff are meeting to make sure we share the same technical understanding.

Agreements to Support Healthy Rivers and Landscapes

A New Approach for the Bay-Delta

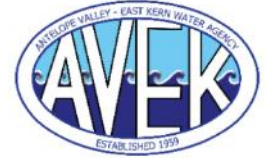




An Exciting New Watershed Approach for California

Agreements to Support Healthy Rivers and Landscapes Program

Adapting to our Climate Reality by Strengthening California's Rivers, Landscapes, Communities and Farms



Healthy Rivers & Landscapes (HRL) Program

HRL Program (Voluntary Agreements)

- Balanced Approach (Flow, Habitat, Science, \$)
- Supported by the Governor & Natural Resources Agencies (DWR/DFW)
- Several early implementation projects already done!

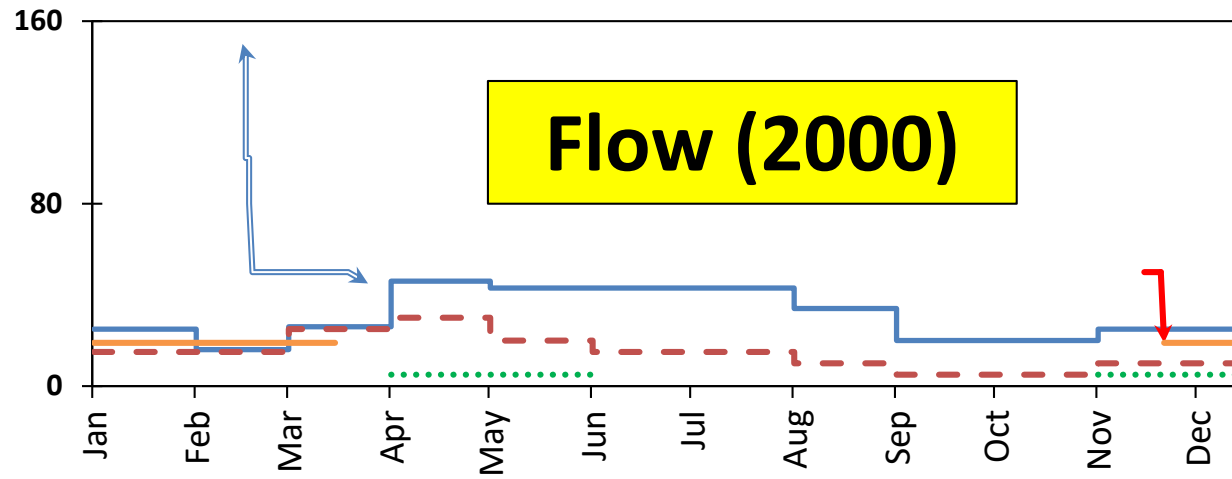
Voluntary Agreements (Draft Strategic Plan)

<https://resources.ca.gov/Initiatives/Voluntary-Agreements-Page>

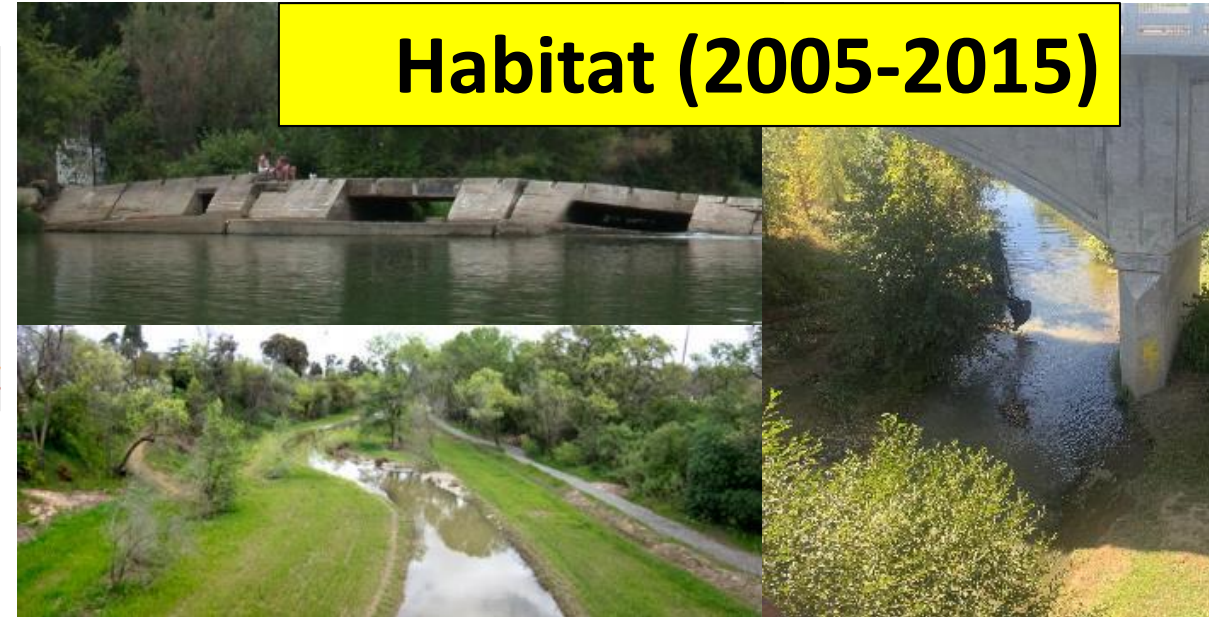
State Board Workshop on HRL Program (April 24-26)

https://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/proposed_voluntary_agreements.html

Case Example of the HRL Program – Putah Creek



Habitat (2005-2015)



Salmon Return (2014)

