



Official Memorandum

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To: SLDMWA Water Resources Committee Members and Alternates
From: Scott Petersen, Water Policy Director
Date: April 6, 2026
RE: Update on Water Policy/Resources Activities

Background

This memorandum is provided to briefly summarize the current status of various agency processes regarding water policy activities, including but not limited to the (1) Implementation of Long-Term Operations of the Central Valley Project and State Water Project, including environmental compliance; (2) State Water Resources Control Board action; (3) Central Valley Regional Water Board Action, (4) San Joaquin River Restoration Program; (5) Delta conveyance; (6) Reclamation action; (7) Delta Stewardship Council action; (8) San Joaquin Valley Water Blueprint, and (9) San Joaquin Valley Water Collaborative Action Plan.

Policy Items

Implementation of Executive Order 14181

On January 2024, President Trump issued Executive Order 14181¹, directing analysis of potential changes to the operations in the 2024 Record of Decision (“ROD”) for consideration by the Administration. On December 4, 2025, Reclamation executed a Record of Decision on the Long-Term Operations of the Central Valley Project and State Water Project, as a first step towards implementing EO 14181.

Implementation of 2024 Record of Decision on Long-Term Operations of the Central Valley Project and State Water Project

On December 4, 2025, Reclamation executed a Record of Decision² on the Long-Term Operations of the Central Valley Project and State Water Project, as a first step towards implementing EO 14181, updating operations associated with the Record of Decision executed by Reclamation and the Biological Opinions issued by the Fish and Wildlife Service and NOAA Fisheries in December 2024. This new operation is described as “Action 5”.

Specifically, the Action 5 ROD updates the operations of the Projects by:

- (1) **Removing the Delta Smelt Summer and Fall Habitat Action (Fall X2)**, in response to findings by the U.S. Fish and Wildlife Service that the action is not anticipated to have observable effects on delta smelt survival,

¹ <https://www.govinfo.gov/content/pkg/FR-2025-01-31/pdf/2025-02174.pdf>

² https://www.usbr.gov/mp/nepa/nepa_project_details.php?Project_ID=54661



- (2) **Removing the early implementation measure of the Delta export reduction of the Healthy Rivers and Landscapes (“HRL”) program**, in response to uncertainties associated with the timing of potential adoption and implementation of the HRL Program by California’s State Water Resources Control Board,
- (3) **Updating the Delta operating criteria** to expand the opportunities for Old and Middle River (“OMR”) management at no more negative than -5,000 cubic feet per second (cfs), and a stormflex action of -6,500 cfs, including the use of predictive tools for real-time assessment of environmental conditions.

Modeling of these proposed operational changes has estimated between 250 – 400 TAF improvement in combined CVP and SWP export capacity under Action 5 operations, with the SWP benefits being uncertain based on how the SWP operates under the Incidental Take Permit required for compliance with the California Endangered Species Act.

There is additional analysis being performed to assess the efficacy of additional potential operational changes that could improve water supply and maintain species protections, as well as alternative methods to address environmental effects on species listed under the federal Endangered Species Act (“ESA”) and advance species recovery efforts.

Note: There are also Endangered Species Act consultations on the Trinity River and Klamath River that may have overlap/interactions with the operations of the CVP/SWP.

State Water Resources Control Board (State Water Board) Activity

Bay Delta Water Quality Control Plan Update

Background

The State Water Board is currently considering updates to its 2006 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (“Bay Delta Plan”) in two phases (Plan amendments). The first Plan amendment is focused on San Joaquin River flows and southern Delta salinity (“Phase I” or “San Joaquin River Flows and Southern Delta Salinity Plan Amendment”). The second Plan amendment is focused on the Sacramento River and its tributaries, Delta eastside tributaries (including the Calaveras, Cosumnes, and Mokelumne rivers), Delta outflows, and interior Delta flows (“Phase II” or “Sacramento/Delta Plan Amendment”).

During the December 12, 2018 Water Board Meeting, the Department of Water Resources (“DWR”) and Department of Fish and Wildlife presented proposed “Voluntary Settlement Agreements” (“VSAs”) on behalf of Reclamation, DWR, and the public water agencies they serve to resolve conflicts over proposed amendments to the Bay-Delta Plan update.³ The State Water Board did not adopt the proposed VSAs in lieu of the proposed Phase 1 amendments, but as explained below, directed staff to consider the proposals as part of a future Delta-wide proposal.

³ Available at <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Blogs/Voluntary-Settlement-Agreement-Meeting-Materials-Dec-12-2018-DWR-CDFW-CNRA.pdf>.



Phase 1 Status – San Joaquin River and its Tributaries

The State Water Board adopted a resolution⁴ to adopt amendments to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary and adopt the Final Substitute Environmental Document during its December 12, 2018 public meeting.

On July 18, 2022, the State Water Resources Control Board issued a Notice of Preparation (NOP)⁵ and California Environmental Quality Act (CEQA) Scoping Meeting for the Proposed Regulation to Implement Lower San Joaquin River Flows (LSJR) and Southern Delta Salinity Objectives in the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta (Bay-Delta Plan).

In response to the release of the NOP, the Water Authority and member agencies provided scoping comments⁶ and the State Water Board is working through a long-term process to address Phase 1 elements of the Water Quality Control Plan Update.

A long delay in Phase 1 action occurred as legal activity was undertaken.

Recently, on September 19, 2025, the State Water Resources Control Board (Board) released a [Notice of Opportunity for Public Comment and Workshop on the Draft Scientific Basis Report Supplement for the Tuolumne River Voluntary Agreement](#) Proposal (Draft TVA Scientific Basis Report), to which the Water Authority provided comments⁷.

Next Steps

- Final draft Staff Report for Tuolumne River VA
- Board workshop and consideration of Tuolumne River VA
- Final draft EIR and regulation implementing Lower SJR flows and South Delta Salinity
- Board consideration of regulation implementing Lower SJR flows and South Delta Salinity

Phase 2 Status – Sacramento River and its Tributaries and Bay-Delta

In the State Water Board's resolution adopting the Phase 1 amendments, the Water Board directed staff to assist the Natural Resources Agency in completing a Delta watershed-wide agreement, including potential flow and non-flow measures for the Tuolumne River, and associated analyses no later than March 1, 2019. Staff were directed to incorporate the Delta watershed-wide agreement as an alternative for a future, comprehensive Bay-Delta Plan update that addresses the reasonable protection of beneficial uses across the Delta watershed.

Revised Draft Sacramento/Delta Updates to the Water Quality Control Plan

Background

In July, the Board released a draft Bay Delta Plan (July 2025 revised draft), which included proposed changes to the draft Bay Delta Plan released in October 2024 (2024 draft), based on public input and comments

⁴ Available at https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2018/rs2018_0059.pdf.

⁵ Available at https://www.waterboards.ca.gov/public_notices/notices/20220715-implementation-nop-and-scoping-dwr-baydelta.pdf

⁶ Request from Authority staff

⁷ Request from Authority staff



received throughout the planning process, including comments on several options for possible changes to the plan identified in the 2024 draft. Specifically, the 2024 draft identified the possible inclusion of flow, cold water habitat and related provisions that were based on the proposed Plan amendments and alternatives identified in the 2023 draft Staff Report in support of updates to the Bay Delta Plan, as well as options for these provisions. The 2024 draft also identified the possible inclusion of Voluntary Agreements (VAs) to provide flows and non-flow habitat proposed by state and federal agencies and water users referred to as the Healthy Rivers and Landscapes proposal, as well as options associated with inclusions of VAs. The regulatory provisions would apply to all water right holders if the Board did not move forward with VAs, or in the event the Board moved forward with VAs would apply to water rights not participating in approved VAs. The 2025 revised draft proposes to move forward with the inclusion of VAs in the Bay Delta Plan for water rights included in approved VAs (VA pathway) and the regulatory provisions for water rights not included as part of approved VAs (regulatory pathway). The 2025 revised draft also includes proposals for addressing other options identified in the 2024 draft. The 2025 revised draft also proposes the designation of Tribal Tradition and Culture (CUL) beneficial use as part of the current Bay Delta Plan update.

Current Activity

On September 16, 2025, the State Water Resources Control Board (State Water Board or Board) rescinded the August 22, 2025 Second Revised Notice of Opportunity for Public Comment and Hearing on Revised Draft Sacramento/Delta Updates to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Watershed (Bay-Delta Plan or Plan). The Rescinded Notice is available on the [Board's website](#). Accordingly, the hearing previously scheduled for September 24-25, 2025, and the associated public comment period are cancelled and will be rescheduled to a future date.

Instead, the Board has released a revised Bay-Delta Plan, with workshops that occurred on January 28-30, and written comments due on February 2. Water Authority staff coordinated written comments⁸ with member agencies and other interested parties.

Additionally, the State Water Board has received term sheets for additional voluntary agreements from Nevada Irrigation District (NID) and South Sutter Water District (SSWD) specific to the Bear River, Yuba River, and Auburn Ravine that are available to the public.

Water Rights

Water Accounting, Tracking, and Reporting System (CalWATRS) Launch

The State Water Resources Control Board has launched the California Water Accounting, Tracking, and Reporting System (CalWATRS). A link to the new system and additional information is posted on the [CalWATRS webpage](#).

If you have questions or would like the CalWATRS team to attend an event in your area, please email CalWATRS-help@waterboards.ca.gov.

⁸ Request from Water Authority staff.



San Joaquin River Restoration Program

Restoration Allocation

On March 16, Reclamations issued an update to the 2026 Restoration Allocation and Default Flow Schedule (attached). Consistent with the Restoration Flows Guidelines and based upon the best available forecast information, the Restoration Allocation covering the period March 1, 2026 through February 28, 2027 **is set at 276,220 acre-feet at Gravelly Ford and is a Normal-Dry year type.**

The Restoration Administrator recommended a flow schedule, which Reclamation is reviewing at the time this memo was drafted. This Restoration Allocation will be posted on the Program website in the coming days: <http://RestoreSJR.net>.

For Information about Restoration Flows, please visit <https://restoresjr.net/flows/>.

For the Restoration Administrator recommendations, please visit <https://restoresjr.net/flows/flow-scheduling/>.

U.S. Bureau of Reclamation

Reclamation Manual

Documents out for Comment

Draft Policy

- [PEC 05-03 Funding and Extended Repayment of Extraordinary Maintenance Cost](#) (comments due 03/25/26). Supplementary documents below:
 - [Memo on Interest Rate Calculation](#)
 - [Supplemental Discussion](#)

Draft Directives and Standards

- There are currently no draft Directives and Standards out for review.

Draft Facilities Instructions, Standards, and Techniques (FIST)

- There are currently no draft Facilities Instructions, Standards, and Techniques out for review.

Draft Reclamation Safety and Health Standards (RSHS)

- There are currently no Safety and Health Standards out for review.

Draft Reclamation Design Standards

- There are currently no Design Standards out for review.

San Joaquin Valley Water Blueprint

The Water Blueprint represents water users, districts, farmers, and municipalities across the Central Valley. Their problem statement is crystal-clear; California faces a major water supply shortfall that could affect one million acres, costing \$7.2 billion in farm revenue and 85,000 jobs statewide. Engaging various stakeholders inside and outside the Central Valley, the team advocates for a combination of infrastructure investments and policy changes to capture excess flows during wet years and replenish aquifers.



Blueprint's strategic priorities for 2022-2025: Advocacy, Groundwater Quality and Disadvantaged Communities, Land Use Changes & Environmental Planning, Outreach & Communications, SGMA Implementation, Water Supply Goals, Governance, Operations & Finance.

Mission Statement: "Unifying the San Joaquin Valley's voice to advance an accessible, reliable solution for a balanced water future for all."

Board Expansion and Executive Committee Formation

The leadership group discussed potential updates to board structure, including filling an open director seat, exploring board expansion, and evaluating whether to formalize an executive committee. The group discussed proposed candidates for the vacant director position. The group proposed forming a small ad hoc committee to develop draft bylaw language addressing both board expansion and executive committee formation. These materials will be brought back to leadership and ultimately to the full board for review.

Strategic Planning

The leadership group discussed the need to launch a strategic planning process following completion of the United Water Plan, noting that the current plan runs through 2025 or early 2026. The conversation highlighted the importance of defining the scope of future organizational activities—including legislative advocacy, policy, and communications—and engaging the board early to help shape direction for the latter half of 2026.

CSU Water Webinar Series – CA Legislature and Water Policy

The Executive Director of CSU-WATER, a CSU system affinity group that serves to foster future leaders in California through water education, research engagement and networking for the nearly 500,000 students in the CSU system as well as inclusion of those in the CC & UC systems. The Blueprint was invited to contribute to the CSU-WATER Webinar Series on the CA Legislature and Water Policy, topics covered in the webinar series: Making Waves, Water Policies & Workforce Needs, Current water policy issues & workforce needs and Future Water Management and Policies; Leadership Needs, Future water management and climate resilience.

SB72 Implementation

Senate Bill 72 (Caballero) directs DWR to consult with the Water Commission on the establishment of an advisory committee to inform the development of the 2028 update to the Water Plan. The 2028 update will usher in a new emphasis on setting and meeting quantifiable water supply goals. This builds on California's Water Supply Strategy (2022), which outlined necessary actions for the state to adapt to a hotter, drier future where the changing climate leaves less water to meet California's needs. Blueprint as an interested party in the State's water supply strategy, has been provided with the opportunity to present and provide public comment.

Unified Water Plan

The Water Blueprint's unified water plan is moving forward with chapters 1, 2, 3, 4 & 5 for review. The plan quantifies the San Joaquin Valley's massive water supply gap at 2.5-3 million acre-feet by 2040, incorporating SGMA compliance needs, climate change impacts, and environmental flow requirements. The full administrative draft expected by this summer.



Unified Water Plan Chapters 5 Released for Review

Stantec presented detailed progress on potential water supply projects (Chapter 5). Chapter 5 catalogs over 800 projects from GSPs across 16 sub-basins, with groundwater recharge projects comprising nearly half of all proposed projects. Unit costs range from \$50-\$300 per acre-foot for various recharge methods.

- Major Supply-Demand Gap Identified Requiring Immediate Action: Technical analysis reveals the valley faces a future water shortage of 2.5-3 million acre-feet by 2040, driven by SGMA compliance requirements (1.4-2 million acre-feet), environmental restoration needs, climate change impacts, and groundwater replenishment requirements. This massive gap demonstrates the critical need for comprehensive water infrastructure investments and management changes.
- Recharge Projects Dominate Solutions: The latest research points out that nearly 50% of all GSP projects are groundwater recharge projects, including on-farm recharge, injection wells, in-lieu recharge, and constructed basins, with injection wells being the most cost-effective option.

Water Blueprint SJV & CWI – Unified Water Plan

The purpose of the Unified Valley Plan for the San Joaquin Valley is to identify and present possible solutions for long-term water needs in the San Joaquin Valley by bringing together existing water plans, strategies, and knowledge from across the San Joaquin Valley into one coordinated, valley-wide planning framework.

Bureau of Reclamation Report to Congress:

- Chapter 1 Introduction
- Chapter 2 Overview of the water resource needs and opportunities in the San Joaquin Valley.
- Chapter 3 Overview of flood risks and management in the San Joaquin Valley and opportunities for improving flood management.
- Chapter 4 Illustration of an environmental vision for the San Joaquin Valley and estimates of the water supplies needed to implement that vision.
- Chapter 5 Evaluation of a range of potential solutions.
- Chapter 6 Recommendations for a path forward and a roadmap for implementation. Includes policy recommendations.

San Joaquin Valley Water Collaborative Action Program (SJV CAP)

Background

The CAP Plenary Group adopted work groups to implement the CAP Term Sheet⁹, adopted on November 22, 2022. During Phase II, Work Groups are continuing to meet and discuss priorities and drafting various documents for their respective areas: Safe Drinking Water; Sustainable Water Supplies; Ecosystem Health; Land Use, Demand Reduction and Land Repurposing; Implementation.

The Bureau of Reclamation is currently funding the CAP. This funding supports its management and facilitation of the overall CAP process and the development of a prioritization tool. The tool is envisioned to be used by CAP participants, federal and state agencies, other stakeholders, and the public to evaluate

⁹ Request from Authority staff



policy recommendations, programmatic changes, and projects to achieve sustainable water management in the San Joaquin Valley.

The Steering Committee created a subgroup and will review several prioritization tools developed by other organizations and use those examples to craft a work plan and initial set of criteria for consideration.

CAP Workgroups for 6-Month CAP Priority Actions

ILRP and CV-Salts

1. Review changes to the ILRP and CV-SALTS updates and recommend improvements to the SWRCB and the Regional Water Quality Control Boards.
2. Better coordination between GSAs and the Nitrate Program to maximize water quality testing for multiple purposes.
3. Consider a pilot area to evaluate the potential for information sharing and integration.
4. The regulations should consider identifying targets for nitrates and other COCs so progress can be evaluated.
5. CAP could look to privately solicit information on fees across different programs to look at the potential for fee harmonization.

Land Transition

1. Support CDFW implementation of Regional Conservation Investment Strategies to support mitigation projects.
2. Use the experience and results of MLRP Round 1 and 2 to provide feedback on MLRP Round 3 guidelines to the Department of Conservation to ensure effective implementation of the program, including the provision of meaningful community benefits.
3. Develop guidelines to address workforce challenges associated with land transition, especially related to rural communities.
4. Advocate for infrastructure funding and regulatory changes to accelerate large-scale solar projects, as one avenue to help support the transition of agricultural land and reduce water demand in a manner that protects communities over the long term.
5. In collaboration with the S2J2 Catalyst Project, for ecosystem restoration, create a near-term and long-term vision and set of objectives for ecosystem restoration, and advocate for funding by the state and federal governments
6. Develop best practices for data centers and water use, which could inform the approval of data centers by state and local governments

SGMA Implementation

1. Complete Kaweah economic analysis and recommend improvements for SGMA implementation to the Governor, Legislature, and Department of Water Resources



2. Complete assessment of some other subbasins in the S2J2 geographic area and revise investment recommendations to S2J2 and advocate high-impact investments for funding through Prop 4.
3. Define key attributes for the successful implementation of GSPs for DWR to support in their guidelines for Prop 4 funding.
4. Track DWR subsidence best management practices and recommend improvements for implementation to DWR.

Water Supply

1. Support funding of projects and operational changes during high flow events that meet environmental regulations in the Delta and improve Delta deliveries south of the Delta to provide benefits to the San Joaquin Valley
2. Advocate for regulatory improvements to the Legislature and state agencies (i.e., DWR, SWRCB) to accelerate groundwater recharge permitting that provides flood control and protects water quality and downstream users.
3. Support actions by DWR and other agencies to implement DWR Watershed studies to advance the CAP outcomes.

Other Six-Month Priorities

1. Prioritization Tool
2. Long-term Habitat Plan
3. Water for Wildlife Refuges
4. San Joaquin River Restoration Program
5. “Cutting Green Tape”



ATTACHMENTS



Unified Water Plan for the San Joaquin Valley

Water Blueprint Board Meeting 3/18/2026

FRESNO 
STATE

California Water
Institute

**Water
Blueprint**

for the San Joaquin Valley

Agenda

1. Report Preparation Status and Schedule
2. Chapter 6 – Overview
3. Next Steps

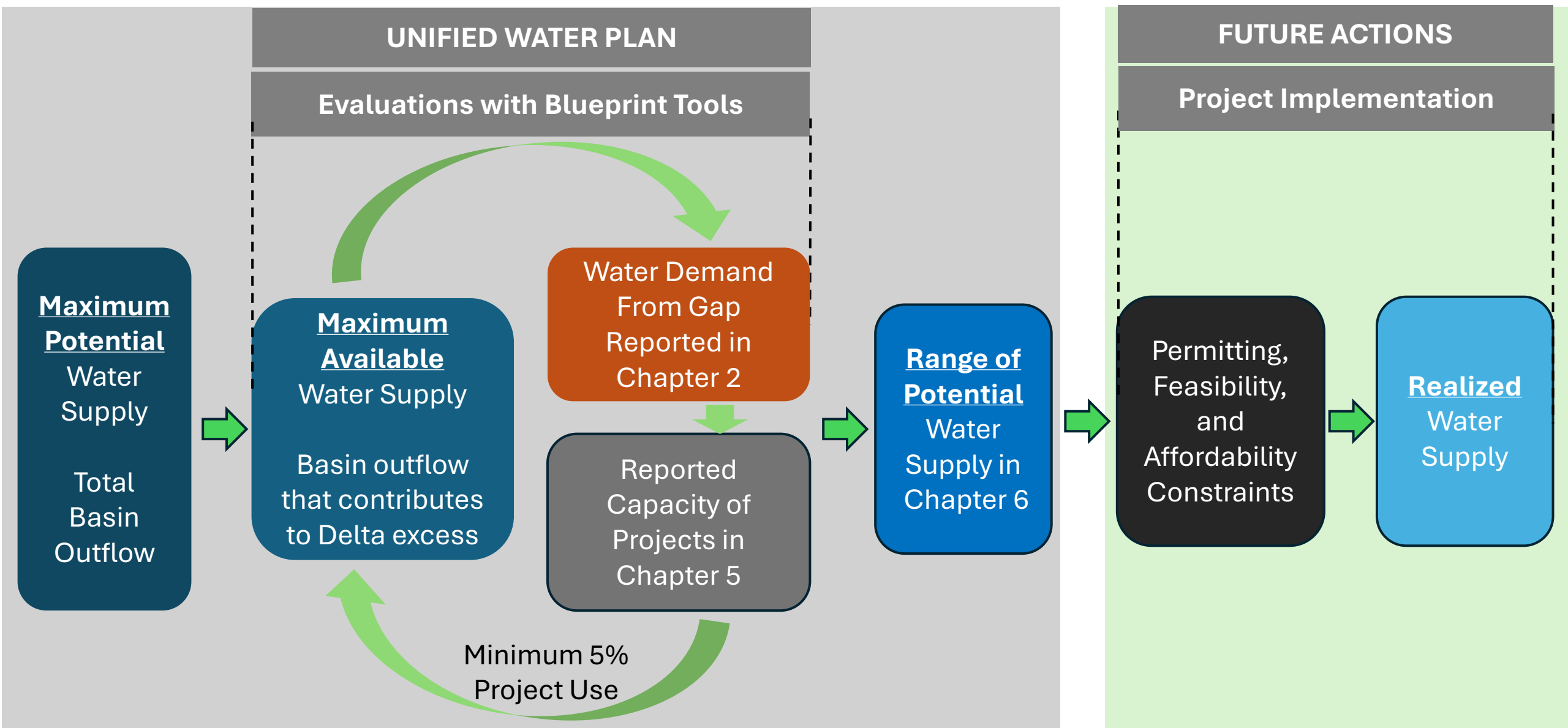
Report Development Status and Schedule

Chapter Number	Chapter Title	Status
1	Introduction	Received comments, revising.
2	Water Supply Problems, Needs, and Opportunities	Received comments, revising. Expanding description of historical water use and project development throughout the San Joaquin Valley.
3	Flood Management Problems, Needs, and Opportunities	Received minor comments, revising.
4	Environmental Enhancement	Received minor comments, revising.
5	Potential Projects and Actions	Received comments, revising.
6	Implementation Strategies	In Progress – draft will be provided in early April for review.
7	References	In Progress – included with each chapter for review.

Project Categories and Evaluation Scenarios

Project Category	Included in Scenario 1	Included in Scenario 2	Included in Scenario 3
RESTORE AUTHORIZED FACILITY CAPABILITY			
Restore authorized design capacity of existing facilities	X	X	X
IMPROVE MANAGEMENT OF IN-VALLEY SUPPLIES			
Upper watershed actions that improve timing and volume of reservoir inflow		X	X
Re-operate in-valley reservoirs (FIRO/I-FIRM)		X	X
Non-structural actions in the Delta to increase diversions with existing facilities		X	X
Local conveyance, recharge, storage, and other water supply projects		X	X
Increase east-west conveyance for recapture of SJRRP flows and transfers		X	X
INCREASE ACCESS TO DELTA WATER SUPPLIES			
Modify diversion facilities in the Delta			X
Increase north-of-Delta storage capacity			X
Increase south-of-Delta storage capacity			X
Enlarge and/or expand existing south-of-Delta conveyance capacity			X

Estimating Project Benefits for the UWP and Beyond



Preliminary Results from Blueprint Modeling Evaluations

	Scenario 1	Scenario 2	Scenario 3
	Restore Authorized Facility Capability	Scenario 1 + Local Structural Projects and Non-Structural Actions	Scenario 2 + Increased Access to Delta Supplies
Potential Water Supply Generated (MAF/yr)	Restore Baseline Capability	1.1 – 1.7	1.9 – 2.4
Water Supply (MAF/yr) from Identified Local Projects	–	0.7 – 1.2	0.8 – 1.2
Water Supply (MAF/yr) from Unspecified Additional Local Projects	–	0.4 – 0.5	1.1 – 1.2
Capital Cost (\$ Billion)	\$7	\$9 – \$12	\$13 – \$20
Unmet Demand Remaining (MAF)	2.5 – 3	0.5 – 2	0 – 1
Land Repurposing Needed (Thousand Acres)	800 – 1,100	300 – 700	0 – 500

Key Assumptions and Uncertainties

Assumptions that influence preliminary results

- Flood flows for diversion can be identified and diverted in real time.
- Projects can always operate as designed.
- GSA's implement additional unidentified projects to fully use water supplies.
- Many cost estimates based on concept-level information.

Approach to bracket uncertainties - ongoing evaluations

- Limit assumed available water supply.
- Limit assumed project performance capability.
- Cap the extent of assumed additional projects.

Preliminary Findings and Conclusions

~\$7B to restore existing project capacity

Lost capacity of existing projects limits opportunity. Restoring design capacity of existing facilities preserves baseline deliveries and enables local projects

> 4 MAF/YR capacity of identified local projects

Identified local project capability exceeds the gap. Project selection will be driven by supply, permitting, economic, and affordability constraints.

0.5 - 2.0 MAF supply-demand gap after local projects

Local projects will not be sufficient. Additional water supplies from the Delta are needed to support local projects and reduce the supply-demand gap.

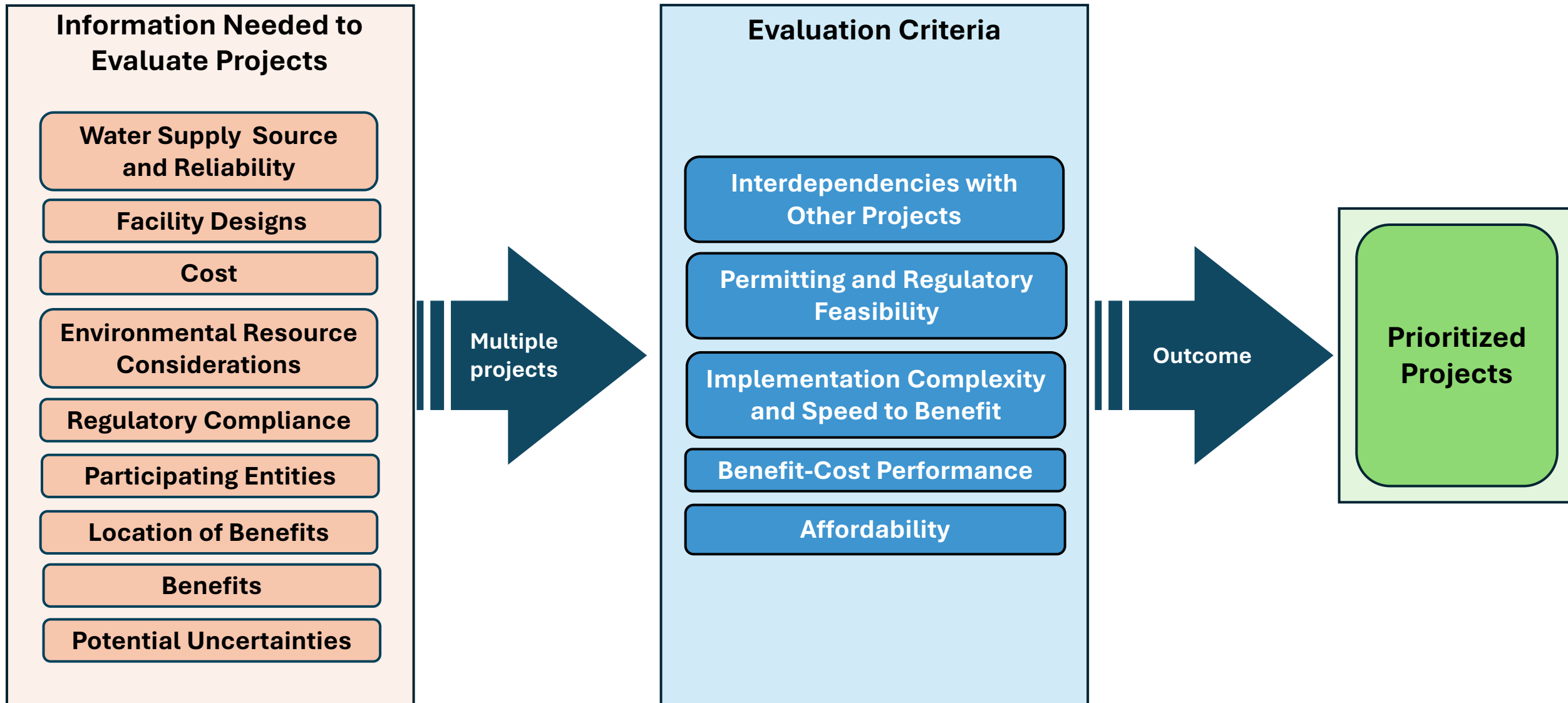
Total investments of \$13 - 20B needed

Affordability will constrain implementation. State and Federal funding, and partnerships with urban entities are needed.

With \$13 - 20B invested, up to 500 thousand acres still repurposed

Farmland conversion will be necessary. It should be strategically planned to improve environmental, community and economic conditions.

How Projects Get Selected for Implementation



Preliminary Recommendations

Local and Regional Agencies	State and Federal Agencies	Next Steps for the UWP
<ol style="list-style-type: none">1. Restore authorized project capacities.2. Implement non-structural actions to improve operations.3. Implement local projects identified in GSPs / accelerate shovel-readiness.4. Increase water use efficiency.5. Invest in regional / statewide projects.6. Leverage regional partnerships.7. Develop strategic farmland conversion plan.	<ol style="list-style-type: none">1. Restore authorized project capacities.2. Establish non-traditional funding mechanisms to support project implementation.3. Establish method to determine flood water available for diversion.4. Streamline permitting and approvals.5. Fund actions that enhance surface water deliveries and groundwater recharge.	<ol style="list-style-type: none">1. Maintain project information.2. Assist with evaluation of projects.3. Coordinate regional partnerships and advocacy.4. Prepare regular UWP updates.

Next Steps

- Draft Chapter 6 for review April 8 - Stantec/CWI
- Comments on Chapter 6 (send to CWI) - Board
- Full draft of the UWP in May for review – Stantec/CWI



Thank you