



**San Luis & Delta-Mendota Water Authority
Monday, July 10, 2023 10:00 a.m.**

**Notice of Water Resources Committee Regular Meeting and Joint Water
Resources Committee Regular Meeting-Special Board Workshop**

**SLDMWA Boardroom
842 6th Street, Los Banos**

**Public Participation Information
(List of Member/Alternate Telephonic Locations Attached)**

Join Zoom Meeting

<https://us02web.zoom.us/j/89279905627?pwd=TnFxUU1nVGsxUkxiSTVtTSthV3VIZz09>

**Meeting ID: 892 7990 5627
Passcode: 200623**

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NOTE: Any member of the public may address the Water Resources Committee/Board concerning any item on the agenda before or during consideration of that item.

Because the notice provides for a regular meeting of the Water Resources Committee ("WRC") and a joint regular WRC Meeting/Special Board workshop, Board Directors/Alternates may discuss items listed on the agenda; however, only WRC Members/Alternates may correct or add to the agenda or vote on action items.

NOTE FURTHER: Meeting materials have been made available to the public on the San Luis & Delta-Mendota Water Authority's website, <https://www.sldmwa.org>, and at the Los Banos Administrative Office, 842 6th Street, Los Banos, CA 93635.

Agenda

1. Call to Order/Roll Call
2. Water Resources Committee to Consider Additions and Corrections to the Agenda for the Water Resources Committee Meeting only, as Authorized by Government Code Section 54950 *et seq.*
3. Opportunity for Public Comment – Any member of the public may address the Water Resources Committee/Board concerning any matter not on the agenda, but within the Committee's or Board's jurisdiction. Public comment is limited to no more than three minutes per person. For good cause, the Chair

of the Water Resources Committee may waive this limitation.

ACTION ITEMS

4. Water Resources Committee to Consider Approval of the June 5, 2023 Meeting Minutes

REPORT ITEMS

5. Presentation on DWR South Delta Permanent Operable Gates Project, Arroyave/DWR
6. Executive Director's Report, Barajas
(May include reports on activities within the Water Resources Committee's jurisdiction related to 1) CVP/SWP water operations; 2) California storage projects; 3) regulation of the CVP/SWP; 4) existing or possible new State and Federal policies; 5) Water Authority activities)
7. Update on Water Policy/Resources Activities, Petersen
(May include reports on activities related to 1) Reinitiation of Consultation on Long-Term Operations of the Central Valley Project and State Water Project, including environmental compliance; 2) State Water Resources Control Board action; 3) San Joaquin River Restoration Program; 4) Delta conveyance; 5) Reclamation action; 6) Delta Stewardship Council action; 7) San Joaquin Valley Water Blueprint and San Joaquin Valley Water Collaborative Action Plan)
8. Update on Water Operations and Forecasts, Boardman
9. Committee Member Reports
10. Closed Session

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Initiation of Litigation Pursuant to paragraph (4) of Subdivision (d) of Government Code Section 54956.9 – 3 potential cases

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Significant Exposure to Litigation Pursuant to Paragraph (2) or (3) of Subdivision (d) of Government Code Section 54956.9 – 3 potential cases

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

Existing Litigation Pursuant to paragraph (1) of Subdivision (d) of Section 54956.9

- A. Natural Resources Defense Council, et al. v. Haaland, et al., U.S. District Court, E.D. Cal., Case No. 1:05-cv-01207; 9th Cir., Case No. 21-15163 (2005 DMC Contract Renewals)
- B. Pacific Coast Federation of Fishermen's Associations, et al. v. Conant, et al., U.S. District Court, E.D. Cal., Case No. 2:11-cv-02980; 9th Cir. Case No. 23-15599 (PCFFA v. Glaser or GBP Citizen Suit)
- C. City of Fresno, et al. v. United States, U.S. Court of Appeals for the Federal Cir., Case No. 22-1994; U.S. Court of Federal Claims, Case No. 1:16-cv-01276 (2014 Friant Div. Operations)
- D. North Coast Rivers Alliance v. Delta Stewardship Council, Sac. Co. Superior Court, Case No. 34-2018-80002898, Third District Court of Appeal Case No. C097948 (Delta Plan Amendment Cases)
- E. North Coast Rivers Alliance, et al. v. San Luis & Delta-Mendota Water Authority, et al., Merced Co. Superior Court, Case No. 19CV-04989; Fifth District Court of Appeal, Case No. F085972 (GBP Long-Term Storm Water Management Plan)
- F. Pacific Coast Federation of Fishermen's Associations, et al. v. Raimondo, et al., U.S. District Court, E.D. Cal., Case No. 1:20-cv-00431 (ROC on LTO BiOps)
- G. California Natural Resources Agency, et al. v. Raimondo, et al., U.S. District Court, E.D. Cal., Case No. 1:20-cv-00426 (ROC on LTO BiOps)
- H. CDWR Water Operation Cases, Sac. Co. Superior Court, Case No. JCCP 5117 (formerly Tehama-Colusa Canal Authority, et al. v. California Department of Water Resources, et al., Fresno Co. Superior Court, Case No. 20CECG01303) (SWP EIR Challenge)
- I. AquAlliance, et al. v. U.S. Bureau of Reclamation, et al., U.S. District Court, E.D. Cal., Case No. 1:20-cv-00878 (Long-Term Water Transfers EIS/EIR)
- J. AquAlliance et al. v. San Luis & Delta-Mendota Water Authority, Merced Co. Superior Court, Case No. 21CV-03487 (Long-Term Water Transfers EIS/EIR Addendum)
- K. California Sportfishing Protection Alliance, et al. v. State Water Resources Control Board, et al., Sac. Co. Superior Court, Case No. 34-2021-80003761 (2021 TUCP Order)
- L. California Sportfishing Protection Alliance, et al. v. State Water Resources Control Board, et al., Sac. Co. Superior Court, Case No. 34-2021-80003763 (2021 Temp. Mgmt. Plan)

11. Return to Open Session

12. Report from Closed Session, if any, Required by Government Code Section 54957.1

13. Reports Pursuant to Government Code Section 54954.2(a)(3)

14. ADJOURNMENT

Persons with a disability may request disability-related modification or accommodation by contacting Cheri Worthy or Sandi Ginda at the San Luis & Delta-Mendota Water Authority Office, 842 6th Street, P.O. Box 2157, Los Banos, California, via telephone at (209) 826-9696, or via email at cheri.worthy@sldmwa.org. Requests should be made as far in advance as possible before the meeting date, preferably 3 days in advance of regular meetings or 1 day in advance of special meetings/workshops.

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Section 54950 et seq. and has not been prepared with a view to informing an investment decision in any of the Authority's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of the Authority's bonds, notes or other obligations and investors and potential investors should rely only on information filed by the Authority on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures, maintained on the World Wide Web at <https://emma.msrb.org/>.

3900 Holly Drive
Tracy, Ca 95304

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
WATER RESOURCES COMMITTEE REGULAR MEETING AND JOINT
WATER RESOURCES COMMITTEE REGULAR MEETING - SPECIAL
BOARD WORKSHOP MINUTES**

June 5, 2023

The San Luis & Delta-Mendota Water Authority Water Resources Committee Regular Meeting and Joint Water Resources Committee Regular Meeting and Special Board Workshop convened at approximately 10:00 a.m. at 842 6th Street in Los Banos, California, with Chair William Bourdeau presiding.

Water Resources Committee Members Present

Ex-Officio

William Bourdeau

Division 1

Anthea Hansen, Alternate

Division 2

Bill Diedrich, Member

Division 3

Chris White, Member

Division 4

Vincent Gin, Member - Steve Wittry, Alternate

Division 5

Absent

Board of Directors Present

Division 1

Anthea Hansen, Director

Lea Emmons, Alternate

Division 2

Justin Diener, Alternate

William Bourdeau, Director

Bill Diedrich, Director

Division 3

Chris White, Alternate

Jarrett Martin, Director

Division 4

Steve Wittry, Director

Joyce Machado, Alternate

Division 5

Absent

Authority Representatives Present

Federico Barajas, Executive Director
Pablo Arroyave, Chief Operating Officer
Rebecca Akroyd, General Counsel
Rebecca Harms, Deputy General Counsel
Scott Petersen, Water Policy Director (ZOOM)
Cindy Meyer, Special Programs Manager (ZOOM)
Stewart Davis, IT Officer

Others Present

Chase Hurley, Water and Land Solutions
Wilson Orvis, Friant Water Authority (arrived during item 8)

1. Call to Order/Roll Call

Chair William Bourdeau called the meeting to order and roll was called.

2. The Water Resources Committee to Consider Additions or Corrections to the Agenda of Items, as authorized by Government Code Section 54950 et seq.

No additions or corrections.

3. Opportunity for Public Comment

No public comment.

4. Water Resources Committee to Consider Approval of the May 1, 2023 Meeting

Minutes.

On a motion of Alternate Member Anthea Hansen, seconded by Member Bill Diedrich, the Committee approved the May 1, 2023 meeting minutes. The vote on the motion was as follows:

AYES: Bourdeau, Hansen, Diedrich, White, Gin

NOES: None

ABSTENTIONS: None

5. Water Resources Committee to Consider Recommendation to Board to Adopt Staff Recommendation for Positions on Legislation.

Water Policy Director Scott Petersen provided staff recommended positions for consideration on the following legislation:

- a. H.R. 3675 (Boebert), Western Water Accelerated Revenue Repayment Act -

- Support
- b. S. 658 (Booker), EQIP Improvement Act of 2023 - Oppose
 - c. S. ___ (Feinstein), Canal Conveyance Capacity Restoration Act- Support
 - d. S. ___ (Feinstein), Support to Rehydrate the Environment, Agriculture, and Municipalities, (STREAM) Act - Support
 - e. S. ___ (Feinstein), Repair Aging Infrastructure Now (RAIN) Act – Support and Amend
 - f. AB 754 (Papan), Water management planning: automatic conservation plan - Oppose
 - g. AB 1205 (Bauer-Lahan), Water rights: sale, transfer, or lease: agricultural lands - Oppose

Member Chris White made the motion to recommend the Board of Directors adopt staff recommendation for positions on federal legislation (HR 3675, S. ___{Feinstein}, Canal Conveyance Act, S___{Feinstein}, STREAM Act – Support; S_{Feinstein}, RAIN Act – Support and Amend; S. 658 - Oppose). The motion was seconded by Member Bill Diedrich. The vote on the motion was as follows:

AYES:	Bourdeau, Hansen, Diedrich, White, Gin
NOES:	None
ABSTENTIONS:	None

Water Policy Director Scott Petersen reminded the Committee that the staff recommendation for a position on AB 754 was already made to the Board in May. Petersen reported that it is being brought back to the Board on Thursday.

Member Bill Diedrich made the motion to recommend the Board of Directors adopt staff recommendation for positions on state legislation (AB 1205 - Oppose). The motion was seconded by Member Chris White. The vote on the motion was as follows:

AYES:	Bourdeau, Hansen, Diedrich, White
NOES:	None
ABSTENTIONS:	Gin

6. Executive Director’s Report.

- a. Rick Gilmore Resolution – Executive Director Federico Barajas reported that

a resolution will be brought to the Board on Thursday recognizing Rick Gilmore's contributions to the Water Authority and to water policy in California.

- b. **Final FY 2022 Audited Financial Statements** – Executive Director Federico Barajas reported that the FY 2022 Audit will be brought to the Finance Committee today, and the Board on Thursday for acceptance.
- c. **Yuba Water Agency Tour** – Executive Director Federico Barajas reported that Water Policy Director Scott Petersen is coordinating a tour of Water Authority facilities with the Yuba Water Agency.
- d. **Strategic Plan Workshop** – Executive Director Federico Barajas reported that another workshop is scheduled later this month at the Los Banos Community Center.

7. **Update on Water Policy/Resources Activities.**

Water Policy Director Scott Petersen provided a brief summary of the report included in the packet.

- a. **Reinitiation of Consultation** - Petersen provided a brief update on the status of the current reinitiation of consultation process.
- b. **SWRCB Action** – Petersen reported that the State Water Board solicited input from public agencies, California Native American tribes, and members of the public on the range of project actions; reasonable alternatives; reasonably foreseeable methods of compliance; significant environmental issues; cumulative impacts, if any; and mitigation. measures that will reduce impacts to a less than significant level that should be considered in the potential Bay-Delta Plan update to consider incorporating the Tuolumne River Voluntary Agreement. Petersen reported that in response to the release of the NOP for the Tuolumne River VA, the Water Authority provided scoping comments
- c. **Water Blueprint for the San Joaquin Valley** - Petersen reported that Hallmark began its management/executive services March 1st and Providence will be assisting with the transition. Petersen reported that the Board placed an initial cap on expenditures until a progress report is provided and additional approval for the Tasks are voted on. Petersen reported that Hallmark has requested the Board identify 3 specific priorities to be pursued and accomplished.

- d. **SJVW CAP** – Petersen reported that the CAP Plenary Group met on February 28 and approved the formation of work groups to advance the revised Term Sheet, adopted on November 22, 2022. Phase II, Work Groups are beginning to meet and discuss priorities and drafting for their respective areas: Safe Drinking Water; Sustainable Water Supplies; Ecosystem Health; Land Use, Demand Reduction and Land Repurposing; Implementation. Petersen reported that the Steering Committee members continue to meet to discuss the proposed budget and work with Reclamation regarding the requested funding. Petersen reported that the Plenary Group met on May 23, and the meeting summary, and a presentation given to the Sustainable Water Supply Workgroup is included in the packet.

8. Update on Water Operations and Forecasts.

Westlands Water District’s Tom Boardman reported near full conditions in Shasta and Folsom and that releases have increased to manage elevated snowmelt inflow to the reservoirs.

Delta export rates were reported for both the CVP and SWP which included a brief note on the rate of San Joaquin River inflow to the Delta.

Flood flow operations into the Mendota Pool were also briefly discussed.

There was some discussion regarding scheduled maintenance work at Jones and how the work might affect the timing of a sustained drawdown in the CVP share of San Luis Reservoir.

9. Committee Member Reports.

None.

10. Closed Session

Committee Chair William Bourdeau adjourned the open session to address the items listed on the Closed Session Agenda at approximately 10:50 a.m. Upon return to open session at approximately 11:11 a.m., General Counsel Rebecca Akroyd reported that no reportable actions were taken in closed session.

11. Agenda Item 12: Reports Pursuant to Government Code Section 54954.2

None.

12. Agenda Item 13: Adjournment

DRAFT

The meeting was adjourned at approximately 11:12 a.m.

Temporary Rock Barriers to Permanent Operable Gates in the South Delta

Jacob McQuirk

O&M, Water Initiatives Planning
and Management Branch



Presentation Outline

- Mitigating Effects of Export Operations
- Existing Temporary Barriers Project (TBP)
- South Delta Permanent Operable Gates (SDPOG) Proposal
- SDPOG Benefits
 - Environmental
 - Water Supply
 - Financial
- Assistance Needed
- Q&A

Mitigating Effects of Export Operations

- SWP and CVP Delta export operations effect the south Delta
 - Lowers water surface elevation in the channels
 - Reduces water circulation, thus water quality, impacts agricultural diversions
- South Delta Water Agency (SDWA) filed lawsuit against the State of CA/DWR and US Department of Interior/USBR
 - To put litigation on hold until settlement reached, a temporary solution was developed
 - DWR without USBR implements Temporary Barrier Project annually

Temporary Barriers Project - Location



Temporary Barriers Project – Agricultural Barriers

Old River near Tracy Barrier



Grant Line Canal Barrier



Middle River Barrier



Temporary Barriers Project – History and Construction

- TBP was initiated in 1991 in response to a lawsuit filed in 1982 by the South Delta Water Agency (SDWA) against the State, DWR and US Department of Interior, USBR.
- DWR agreed to install three temporary barriers in Old River near Tracy (ORT) since 1991, Middle River (MR) since 1987, and Grant Line Canal (GLC) near the Tracy Boulevard bridge since 1996 to ensure that local agricultural diverters within the SDWA do not experience adverse water level impacts. These barriers are planned and constructed annually typically from May through November.

Temporary Barriers Project - Challenges and Limitations

- Lack of engagement and financial contribution from USBR
- Outdated design with very limited operational flexibility
- Unable to fully mitigate for SWP/CVP export operations' impacts on water levels
- Impacts listed species
- Permit renewal every 5 years
- Increasing mitigation requirements
- Challenging to develop and implement adaptive management
- Inability to address environmental issues
- Temporary solution to address export-related impacts on diverters
- Continued non-compliance with D-1641 south Delta salinity objectives

South Delta Permanent Operable Gates (Proposed)

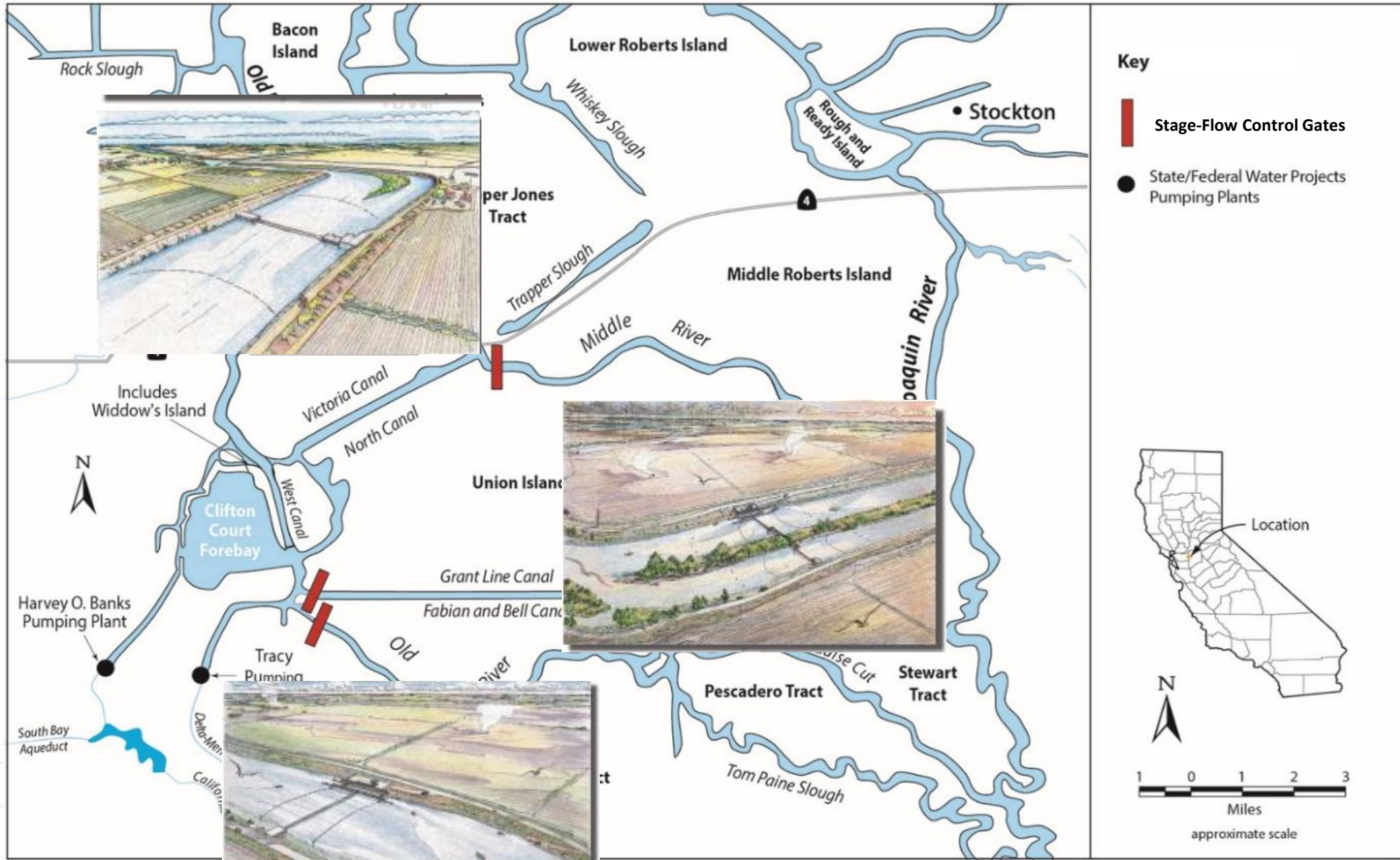
Purpose:

- Provide a long-term solution to mitigate for SWP and CVP export operations effects in the south Delta
- Settle the SDWA lawsuit in partnership with USBR (USBR to pay their fair share of the solution)
- Improve water quality and fish passage in the south Delta
- Minimize environmental impacts associated with mitigating SWP and CVP export operations effects in the south Delta

Scope:

- Construct and operate permanent operable gates in lieu of implementing TBP at the following south Delta locations:
 - Middle River
 - Grant Line Canal and Fabian Bell Canal
 - Old River

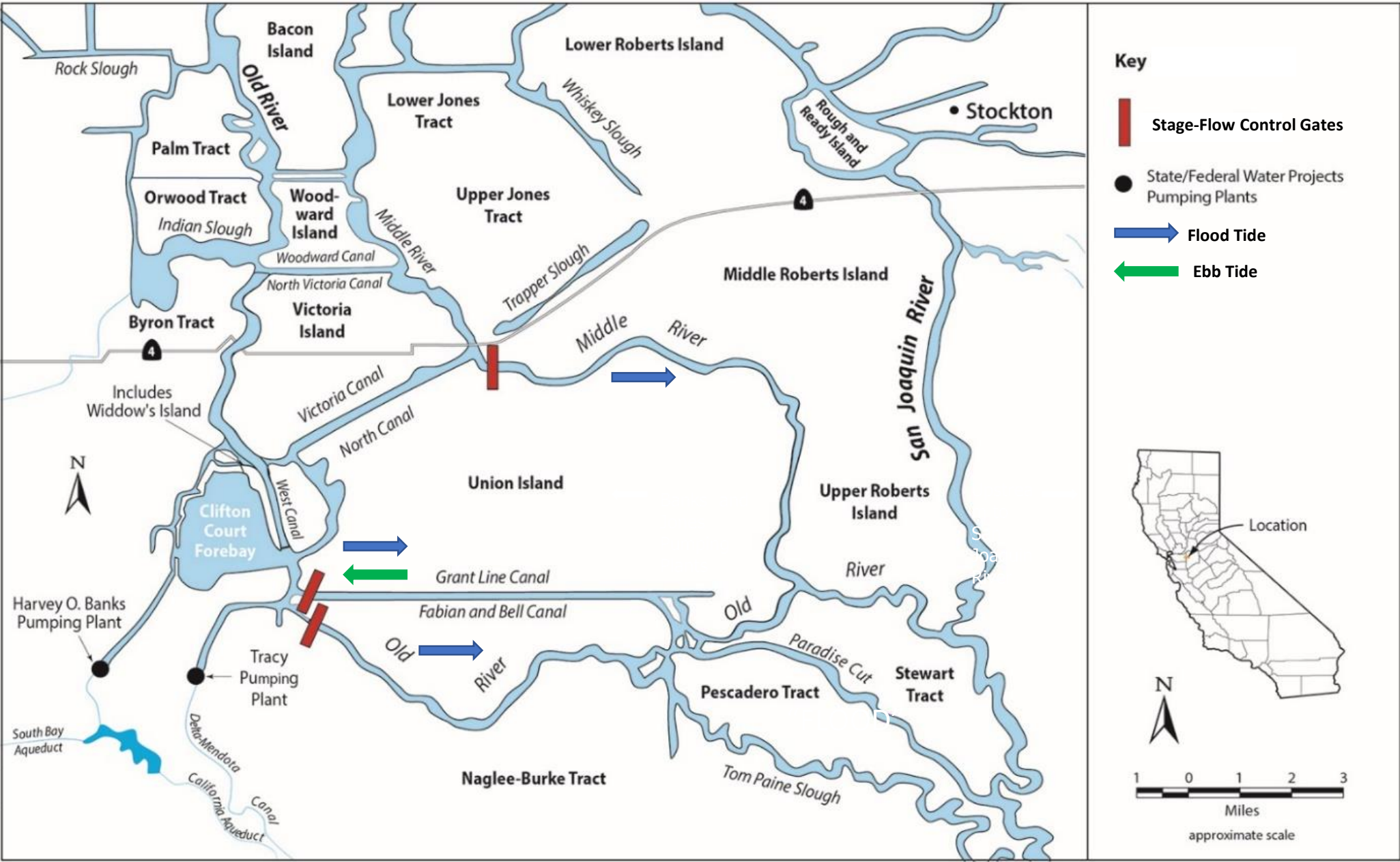
South Delta Permanent Operable Gates Locations



Environmental Benefits

- Improves water quality by inducing circulation and mixing water
- Eliminates annual TBP construction impacts
- Improves migratory conditions in the south Delta for anadromous fish
 - More adaptive management opportunities than TBP
 - Reduces migratory delays and predation

South Delta Permanent Operable Gates: Circulation Directions



Water Supply Benefits

- Improves south Delta water level protection from export operations for senior water rights holders
 - Improves water level maintenance, when needed
- Improves water circulation and water quality = **Improve water supply reliability**
- Provides operational flexibility on adaptive management (drought, water transfer, water level, etc.,)
- Potential weed management benefit
- Improves long-term climate resiliency

Financial Benefits

- Unique window of opportunity for securing Federal (BIL) and State funding from appropriations (Propositions 50 and 13)
 - \$43.7M received in current State FY 23-24 budget
- Can be funded without SWP or CVP contractor contributions
- Lowers SWP and CVP costs
- Lowers mitigation costs

Estimated Project Costs & Potential Funding Sources

- Estimated Project Costs: \$183.7M*
- Cost Sharing between State and Federal
- Potential Funding Period: FY 2023 through FY 2028
- Potential Funding Sources:
 - DWR from State appropriations (\$43.7M)**
 - USBR from Federal appropriations (\$140M)**

* November 2022 cost update

** Cost-sharing ratio yet to be determined

Project Delivery Schedule (tentative)

September 2023 – December 2027

- Planning – including environmental documents, permitting, and analysis of alternatives
- Design - surveys, final design and specifications

January 2028 – December 2030

- Construction

Assistance Needed

- DWR is seeking SLDMWA support on the potential benefits of SDPOG to the SWP and CVP while addressing long standing issues in South Delta
- **Actively engage with USBR Region and Headquarters management to support the project and pursue federal funds**
 - Identify federal funding source and schedule
 - Execute and administer partnership agreement
 - Lead federal agency for NEPA and permitting
- DWR will continue coordinating with USBR staff though SLDMWA engagement will benefit our communications with them

Q&A

Thank you!

Contact Information:

Jacob McQuirk

Water Initiatives Planning and Management Branch

Department of Water Resources

Division of Operations and Maintenance

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MEMORANDUM

TO: SLDMWA Water Resources Committee Members and Alternates

FROM: Scott Petersen, Water Policy Director

DATE: July 10, 2023

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) Reinitiation of Consultation on Long-Term Operations of the Central Valley Project and State Water Project, including environmental compliance; (2) State Water Resources Control Board action; (3) San Joaquin River Restoration Program; (4) Delta conveyance; (5) Reclamation action; (6) Delta Stewardship Council action; (7) San Joaquin Valley Water Blueprint and San Joaquin Valley Water Collaborative Action Plan.

Policy Items

Reinitiation of Consultation on Long-Term Operations of the Central Valley Project and State Water Project

In August 2016, the Bureau of Reclamation and California Department of Water Resources (DWR) requested reinitiation of consultation with NOAA Fisheries, also known as National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (FWS) due to multiple years of drought, low populations of listed species, and new information developed as a result of ongoing collaborative science efforts over the last 10 years.

On Jan. 31, 2019, Reclamation transmitted its Biological Assessment to the Services. The purpose of this action is to continue the coordinated long-term operation of the CVP and SWP to optimize water supply delivery and power generation consistent with applicable laws, contractual obligations, and agreements; and to increase operational flexibility by focusing on nonoperational measures to avoid significant adverse effects to species.

The biological opinions carefully evaluated the impact of the proposed CVP and SWP water operations on imperiled species such as salmon, steelhead and Delta smelt. FWS and NMFS documented impacts and worked closely with Reclamation to modify its proposed operations to minimize and offset those impacts, with the goals of providing water supply for project users and protecting the environment.

Both FWS and NMFS concluded that Reclamation's proposed operations will not jeopardize threatened or endangered species or adversely modify their critical habitat. These conclusions were reached for

several reasons – most notably because of significant investments by many partners in science, habitat restoration, conservation facilities including hatcheries, as well as protective measures built into Reclamation's and DWR's proposed operations.

On Oct. 21, 2019, FWS and NMFS released their biological opinions on Reclamation's and DWR's new proposed coordinated operations of the CVP and SWP.

On Dec. 19, 2019, Reclamation released the final Environmental Impact Statement analyzing potential effects associated with long-term water operations for the CVP and SWP.

On Feb. 18, 2020, Reclamation approved a Record of Decision that completes its environmental review for the long-term water operations for the CVP and SWP, which incorporates new science to optimize water deliveries and power production while protecting endangered species and their critical habitats.

On January 20, 2021, President Biden signed an Executive Order: “Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis”, with a fact sheet¹ attached that included a non-exclusive list of agency actions that heads of the relevant agencies will review in accordance with the Executive Order. Importantly, the NOAA Fisheries and U.S. Fish and Wildlife Service Biological Opinions on the Long-Term Operation of the Central Valley Project and State Water Project were both included in the list of agency actions for review.

On September 30, 2021, Reclamation Regional Director Ernest Conant sent a letter to U.S. FWS Regional Director Paul Souza and NMFS Regional Administrator Barry Thom requesting reinitiation of consultation on the Long-Term Operation of the CVP and SWP. Pursuant to 50 CFR § 402.16, Reclamation indicated that reinitiation is warranted based on anticipated modifications to the Proposed Action that may cause effects to listed species or designated critical habitats not analyzed in the U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS) Biological Opinions, dated October 21, 2019. To address the review of agency actions required by Executive Order 13990 and to voluntarily reconcile CVP operating criteria with operational requirements of the SWP under the California Endangered Species Act, Reclamation and DWR indicated that they anticipate a modified Proposed Action and associated biological effects analysis that would result in new Biological Opinions for the CVP and SWP.

Following this action, on October 20, 2021, the SLDMWA sent a letter to Reclamation Regional Director Ernest Conant requesting participation in the reinitiation of consultation pursuant to Section 4004 of the WIIN Act and in the NEPA process as either a Cooperating Agency or Participating Agency.

On February 26, 2022, the Department of the Interior released a Notice of Intent To Prepare an Environmental Impact Statement (EIS) and Hold Public Scoping Meetings on the 2021 Endangered Species Act Reinitiation of Section 7 Consultation on the Long-Term Operation of the Central Valley Project and State Water Project². In response to this, on March 30, 2022, the SLDMWA submitted a comment letter highlighting actions for Reclamation to consider during preparation of the EIS.

¹ <https://www.whitehouse.gov/briefing-room/statements-releases/2021/01/20/fact-sheet-list-of-agency-actions-for-review/>

² <https://www.govinfo.gov/content/pkg/FR-2022-02-28/pdf/2022-04160.pdf>

During May 2022, Reclamation issued draft copies of the Knowledge Base Papers for the following management topics and requested supplementary material review and comments, to which the Authority submitted comment letters in June:

1. Spring-run Juvenile Production Estimate- Spring-run Survival Knowledge Base Document, May 2022
2. Steelhead Juvenile Production Estimate-Steelhead Survival Knowledge Base Document, April 2022
3. Old and Middle River Reverse Flow Management – Smelt, Chinook Salmon, and Steelhead Migration and Survival Knowledge Base Document, May 2022
4. Central Valley Tributary Habitat Restoration Effects on Salmonid Growth and Survival Knowledge Based Paper, March 2022
5. Delta Spring Outflow Management Smelt Growth and Survival Knowledge Base Document, May 2022
6. Pulse Flow Effects on Salmonid Survival Knowledge Base Document, May 2022
7. Summer and Fall Habitat Management Actions – Smelt Growth and Survival Knowledge Base Document, May 2022
8. Shasta Cold Water Pool Management – End of September Storage Knowledge Base Document, May 2022

Subsequent to the Knowledge Base Paper review, a Scoping Meeting was held, to which Water Authority staff provided comments, resulting in the release of a Scoping Report³ by Reclamation in June 2022.

On October 14, 2022, Reclamation released an Initial Alternatives Report (IAR), which Authority staff is reviewing and coordinating with member agencies for potential engagement with Reclamation regarding the alternatives presented in the report.

On May 16, 2023, Reclamation provided an administrative draft copy of the Proposed Action, titled “State and Federal Cooperating Agency Draft LTO Alternative” to agencies that have executed an MOU with Reclamation on engagement. Authority staff is reviewing the document and has identified a few items to provide feedback to Reclamation, in coordination with member agencies and other CVP contractors.

On June 30, 2023, Reclamation released a draft Qualitative Biological Assessment for review by agencies that have executed an MOU with Reclamation on engagement, though Reclamation is not accepting formal comments. Note that this release does not initiate formal ESA consultation and is being provided to assist the fishery agencies in setting up their documents and resources for the formal consultation, which we expect to begin in late September/early October.

Current Milestones

- June 2023 – Public Draft EIS/Qualitative Biological Assessment
 - The public draft EIS will be the avenue for comments to Reclamation
 - Cooperating agencies will receive an administrative draft of the EIS
- September 2023 – Scheduled release of Quantitative Biological Assessment
- February 2024 – Record of Decision

³ <https://www.usbr.gov/mp/bdo/docs/lto-scoping-report-2022.pdf>

Exploratory Modeling

Concurrent with the development of the EIS and BA, Reclamation is conducting Exploratory Modeling to assist in the development of the Proposed Action and Quantitative Biological Assessment. As a part of this work, the Benchmark model has been updated, with further updates to come. Importantly, the CalSim modeling is transitioning from CalSim2 to CalSim3, which may have some implications that need to be analyzed for potential water supply impacts.

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.⁴ 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.

Phase 1 Status: The State Water Board adopted a resolution⁵ 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.

Most recently, on July 18, 2022, the State Water Resources Control Board issued a Notice of Preparation (NOP)⁶ 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).

The purpose of the NOP is: (1) to advise responsible and trustee agencies, Tribes, and interested organizations and persons, that the State Water Board or Board will be the lead agency and will prepare

⁴ Available at <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Blogs/Voluntary-Settlement-Agreement-Meeting-Materials-Dec-12-2018-DWR-CDFW-CNRA.pdf>.

⁵ Available at https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2018/rs2018_0059.pdf.

⁶ Available at https://www.waterboards.ca.gov/public_notices/notices/20220715-implementation-nop-and-scoping-dwr-baydelta.pdf

a draft EIR for a proposed regulation implementing the LSJR flow and southern Delta salinity components of the 2018 Bay-Delta Plan, and (2) to seek input on significant environmental issues, reasonable alternatives, and mitigation measures that should be addressed in the EIR. For responsible and trustee agencies, the State Water Board requests the views of your agency as to the scope and content of the environmental information related to your agency's area of statutory responsibility that must be included in the draft EIR.

In response to the release of the NOP, the Water Authority and member agencies provided scoping comments⁷.

Phase 2 Status: 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, with the goal that comprehensive amendments may be presented to the State Water Board for consideration as early as possible after December 1, 2019.

On March 1, 2019, the California Department of Water Resources and the Department of Fish and Wildlife submitted documents⁸ to the State Water Board that reflect progress since December to flesh-out the previously submitted framework to improve conditions for fish through targeted river flows and a suite of habitat-enhancing projects including floodplain inundation and physical improvement of spawning and rearing areas.

Since the March 1 submittal, work has taken place to develop the package into a form that is able to be analyzed by State Water Board staff for legal and technical adequacy. On June 30, 2019, a status update with additional details was submitted to the Board for review. Additionally, on February 4, 2020, the State team released a framework for the Voluntary Agreements to reach "adequacy", as defined by the State team.

Further work and analysis is needed to determine whether the agreements can meet environmental objectives required by law and identified in the State Water Board's update to the Bay-Delta Water Quality Control Plan.

Schedule

LSJR Flow/SD Salinity Implementation Next Steps Assuming Regulation Path (Phase 1)

- Summer 2023: Executive Director act on draft COP, compliance methods, and procedures for adaptive implementation
- Fall 2023
 - Scientific Basis Report for Tuolumne River VAs submitted for peer review

⁷ Request from Authority staff

⁸ Available at http://resources.ca.gov/docs/voluntary-agreements/2019/Complete_March_1_VA_Submission_to_SWRCB.pdf

- Draft Staff Report for Bay-Delta Plan amendment for Tuolumne River VA
- Draft Regulation and Draft EIR in support of a regulation implementing Lower SJR flows and South Delta Salinity
- Winter/Spring 2024
 - 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

Sac/Delta Update: Key Milestones

- Spring 2023: Scientific Basis Report Supplement for Sacramento River/Delta Voluntary Agreements submitted for peer review after addressing public comments
- Spring 2023: Draft Sacramento River/Delta Update Staff Report public review and comment
- Spring/Summer 2023: Public workshop on Draft Staff Report
- Spring/Summer 2024: Response to comments and development of proposed final changes to the Bay-Delta Plan
- Summer/Fall 2024: Board consideration of adoption

Voluntary Agreements

On March 29, 2022, members of the Newsom Administration joined federal and local water leaders in announcing the signing of a memorandum of understanding⁹ that advances integrated efforts to improve ecosystem and fisheries health within the Sacramento-San Joaquin Bay-Delta. State and federal agencies also announced an agreement¹⁰ specifically with the Sacramento River Settlement Contractors on an approach for 2022 water operations on the Sacramento River.

Both announcements represent a potential revival of progress toward what has been known as “Voluntary Agreements,” an approach the Authority believes is superior to a regulatory approach to update the Bay-Delta Water Quality Control Plan.

The broader MOU outlines terms for an eight-year program that would provide substantial new flows for the environment to help recover salmon and other native fish. The terms also support the creation of new and restored habitat for fish and wildlife, and provide significant funding for environmental improvements and water purchases, according to a joint news release from the California Natural Resources Agency and the California Environmental Protection Agency (CalEPA). Local water agency managers signing the MOU have committed to bringing the terms of the MOU to their boards of directors for their endorsement and to work to settle litigation over engaged species protections in the Delta.

On June 16, the SLDMWA, Friant Water Authority and Tehama Colusa Canal Authority signed onto the VA MOU. Additionally, since that time, in September and November, four more agencies – Contra Costa

⁹ Available at <https://resources.ca.gov/-/media/CNRA-Website/Files/NewsRoom/Voluntary-Agreement-Package-March-29-2022.pdf>

¹⁰ Available at <https://calepa.ca.gov/2022/03/29/informational-statement-state-federal-agencies-and-sacramento-river-settlement-contractors-agree-on-approach-for-2022-water-operations-on-the-sacramento-river/>

Water District, San Francisco Public Utilities Commission (SFPUC), Turlock Irrigation District (TID) and Modesto Irrigation District (MID) – have signed onto the VA MOU.

Work continues to develop the working documents associated with execution and implementation of the VA's and workgroups for participating agencies have been formed, with the formation of a VA Science Workgroup to develop the framework of the VA's proposed Science program, as well as the recent formation of Scheduling and Funding workgroups to ensure that the program remains coordinated.

Tuolumne River Voluntary Agreement

Background

On December 12, 2018, the State Water Board adopted Bay-Delta Plan amendments and a Final SED establishing updated flow objectives on the Lower San Joaquin River, including its three eastside tributaries the Stanislaus, Tuolumne, and Merced Rivers (collectively "LSJR"), revised salinity objectives for the southern Delta, and programs of implementation to achieve the revised objectives.

In November, 2022, the State Water Board received a memorandum of understanding¹¹ for a proposed Tuolumne River Voluntary Agreement. To consider the proposed voluntary agreement, the State Water Board will need to also consider modifications to the Bay-Delta Plan and prepare a staff report to support those possible changes because the Tuolumne River Voluntary Agreement does not fully conform to the current provisions of the Bay-Delta Plan.

The State Water Board has not yet determined whether to approve changes to the Bay-Delta Plan to incorporate the proposed Tuolumne River Voluntary Agreement, but is commencing preparation of the staff report to inform its consideration. In developing its environmental documentation in the staff report, the State Water Board will tier, as appropriate, from the adopted December 12, 2018, Final SED for the LSJR and southern Delta update to the Bay-Delta Plan.

Notice of Preparation of Environmental Documentation and Scoping Meeting¹²

The State Water Resources Control Board (State Water Board or Board) will be the lead agency and is planning to prepare a staff report, including a substitute environmental document (SED) and a report documenting the scientific basis for consideration of potential updates to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta Plan) to incorporate a proposed voluntary agreement for the Tuolumne River (Tuolumne River Voluntary Agreement). The State Water Board's water quality control planning program is a certified regulatory program under the California Environmental Quality Act (CEQA) meaning the program is exempt from requirements for preparing environmental impact reports, negative declarations, or initial studies because the SED is recognized under CEQA and the regulations implementing CEQA as providing the functional equivalent.

¹¹ Available at

https://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/docs/2023/revised-va-mou-swrbc-copy.pdf

¹² Available at

https://www.waterboards.ca.gov/board_info/calendar/docs/2023/notice_noptuolumneva_041123.pdf

The State Water Board solicited input from public agencies, California Native American tribes, and members of the public on the range of project actions; reasonable alternatives; reasonably foreseeable methods of compliance; significant environmental issues; cumulative impacts, if any; and mitigation measures that will reduce impacts to a less than significant level that should be considered in the potential Bay-Delta Plan update to consider incorporating the Tuolumne River Voluntary Agreement.

In response to the release of the NOP for the Tuolumne River VA, the Water Authority provided scoping comments.¹³

San Joaquin River Restoration Program

2023 Restoration Flows

The 2023 Restoration Allocation is set at 557.038 TAF as measured at Gravelly Ford. 82.731 TAF of 2023 Restoration Flows have been released to date plus 342.317 TAF of Unreleased Restoration Flows. The future schedule of Restoration Flows totals 112.423 TAF, including a return of approximately 10.167 TAF of URF Exchanges. Your schedule does not draw upon any Buffer Flows.

Reclamation will immediately release a fourth block of Unreleased Restoration Flows (URFs). With this final block to be delivered by July 29, the evacuation of Restoration Flows and URFs from Millerton Lake will keep pace with Exhibit B hydrographs in the Settlement. Therefore, a Water Supply Test is not necessary to approve this schedule.

Flood management releases to the San Joaquin River are expected to continue into late July with uncontrolled season ending on or around July 31.

Based on past operations, the proposed flow schedule is likely to be within the current seepage limitations and channel capacity limitations. A planned releases of higher Restoration Flows December 18-28 will produce approximately 385 cfs in Reach 4A. Depending on groundwater conditions and other seepage management actions circa December, this planned release may or may not require some recapture at Mendota Pool to stay below seepage limitations in Reach 4A. SJRRP will coordinate with you in the weeks prior to this planned higher flow and more closely evaluate groundwater status.

To view the Restoration Administrator Flow Recommendation, please visit https://www.restoresjr.net/?wpfb_dl=2713. For Information about Restoration Flows, please visit <http://www.restoresjr.net/restoration-goal/restoration-flows/>. For the Restoration Administrator recommendations, please visit <http://www.restoresjr.net/documentsreports/ra-recommendations/>.

U.S. Bureau of Reclamation

Reclamation Manual

Documents out for Comment

Draft Policy

- There are currently no Draft Policies out for review.

¹³ See Appendix

Draft Directives and Standards

- [FAC 06-05, Developing Additional Project Benefits in Conjunction with a Safety of Dams Modification Project](#) (comments due by 7/21/2023)
- [LND 02-01, Cultural Resource Management \(CRM\)](#) (comments due by 7/28/2023)

Draft Facilities Instructions, Standards, and Techniques (FIST)

- There are currently no 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.

Water Management Plan Reporting

On July 5, the Bureau of Reclamation announced that Central Valley Project water contractors subject to water management plans must resume annual reporting. That requirement was suspended during the COVID-19 pandemic.

The Central Valley Project Improvement Act requires water contractors using 2,000 acre-feet or more to develop and submit a plan on the efficient use of water resources. The plan must be updated and reviewed every five years and deemed adequate for fulfilling the terms of their water contract. The requirements are specified in the standard criteria developed by the California-Great Basin Region.

Once a plan is developed and deemed adequate by Reclamation, contractors must submit yearly updates on the implementation of the plan. For 2023, annual update requirements are due by Aug. 30, 2023, for the previous year only. Annual updates may be submitted either in a fiscal year or a water year format.

San Joaquin Valley Water Blueprint

The Water Blueprint for the San Joaquin Valley (Blueprint) is a non-profit group of stakeholders, working to better understand our shared goals for water solutions that support environmental stewardship with the needs of communities and industries throughout the San Joaquin Valley.

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."*

Committees

Executive/Budget/Personnel

Hallmark has reached its initial cap as established by the Board. Board is approving additional funding for Hallmark consistent with their contract. Annual invoicing along with annual summary of accomplishments and goals will be sent at month end. Board is focused on efforts to create a screening criteria for the identification of specific priorities to the San Joaquin Valley to be supported, pursued and accomplished.

Once the criteria is finalized the Blueprint will meet again with Advisor Villaraigosa to highlight alignment with the Governor's water resiliency plan.

Advocacy/Communications

The Communications committee is utilizing its operation plan for creating and disseminating Blueprint communications. Providence is preparing a scope for community outreach to be reviewed by the Board. The Advocacy committee is establishing a list of priorities and plan for future advocacy.

Activities

SJV/Delta Water Leaders' Summit

Blueprint coordinated and invited a select group of agricultural and water leaders from the San Joaquin Valley and the Delta region to meet and tour the Delta and SJ Valley. Due to the high flood risk in the Delta, the Planning Committee rescheduled the Summit meetings tentatively for November to ensure that full attention is given to protecting life and property, and after harvest.

Drinking Water Feasibility Study - CSU Fresno State, FWA, Self-Help, Sustainable Conservation

Fresno State is finalizing the scope of work and budget for subcontractors. They expect to have a project timeline ready by July. As a reminder the partners for the feasibility study have initially identified potential Fresno County districts/areas generally for recharge projects. Initial modeling for Fresno State/California Water Institute has preliminarily identified FID, Consolidated ID, Raisin City WD and North Fork Kings GSA for strong multi benefit recharge potential. The group is focused on multi-benefits for recharge with a focus on drinking water with measurable results.

Unified Water Plan for the San Joaquin Valley

The Blueprint and California Water Institute are finalizing the budget to initiate the joint development of a Unified Water Plan for the San Joaquin Valley as called for in the recently awarded Bureau of Reclamation grant. The final water plan will include measures to address San Joaquin Valley needs and potential portfolios to address needs and objectives, this report will ultimately be transmitted to Congress by Reclamation. A copy of that scope is available upon request.¹⁴

San Joaquin Valley Water Collaborative Action Program (SJVW CAP)

Background

The CAP Plenary Group met on February 28 and approved the formation of work groups to advance the revised Term Sheet¹⁵, adopted on November 22, 2022. Phase II, Work Groups are beginning to meet and discuss priorities and drafting for their respective areas: Safe Drinking Water; Sustainable Water Supplies; Ecosystem Health; Land Use, Demand Reduction and Land Repurposing; Implementation.

Steering Committee members continue to meet to discuss the proposed budget and work with Reclamation regarding the requested funding.

¹⁴ Request from Authority staff

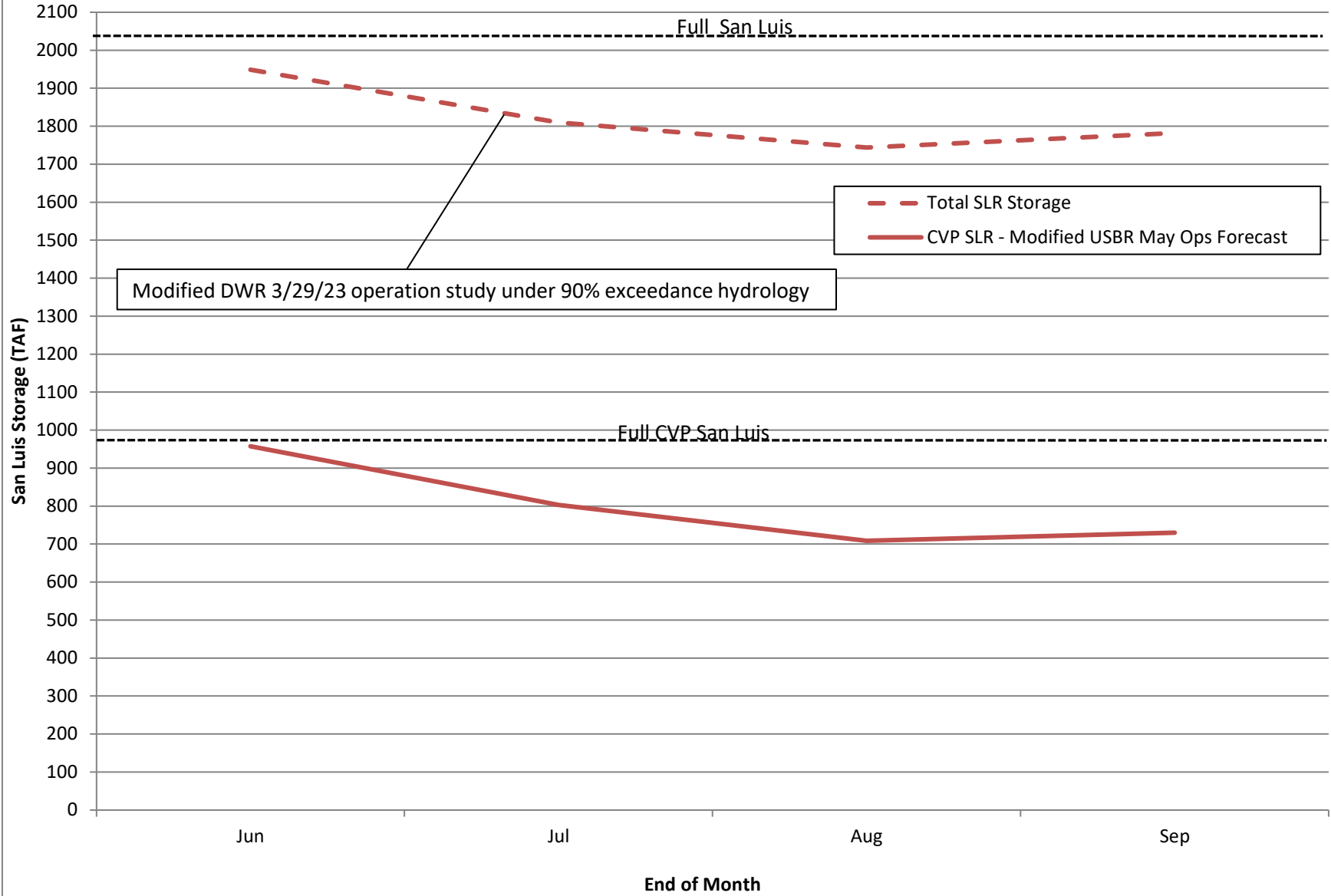
¹⁵ Request from Authority staff

The Plenary Group met on May 23, and the meeting summary is attached, as well as a presentation given to the Sustainable Water Supply Workgroup¹⁶.

¹⁶ Request from Authority staff

2023 San Luis Storage Projection

90% Exceedance Hydrology



2023 San Luis Storage Projection

50% Exceedance Hydrology

