



XII.

**Notice of San Luis & Delta-Mendota Water Authority
Board of Directors Regular Telephonic Meeting
Thursday, November 4, 2021, 9:30 a.m.**

**SLDMWA Boardroom
842 6th Street, Los Banos, CA 93635**

Join Zoom Meeting

<https://us02web.zoom.us/j/89778625699?pwd=aS9LOUhBb2JCNmcwOEJEdmFOYjFoZz09>

Meeting ID: 897 7862 5699

Passcode: 504468

One tap mobile

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Passcode: 504468

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In accordance with Government Code section 54953(e) and Resolution 2021-490 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on October 7, 2021, members of the Board of Directors and Water Authority staff will be participating in this meeting from multiple locations. This meeting will occur with an in-person option for members of the Board interested in attending at the San Luis & Delta-Mendota Water Authority Los Banos Administrative Office, 842 6th Street, Los Banos, California. There will still be an option to attend by calling in for members of the Board and the public. If members of the public have any problems using the call-in number during the meeting, please contact the Authority office at 209-826-9696.

NOTE: Any member of the public may address the Board concerning any item on the agenda before or during its consideration of that item. For each item, public comment is limited to no more than three minutes per person. For good cause, the Chair of the Board may waive this limitation.

Agenda

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

144

Consent Calendar

Note: All matters listed on the Consent Calendar are considered to be routine and non-controversial and will be acted upon by a single action of the Board of Directors, unless a Board Member requests separate consideration of the item. If such a request is made, the item may be heard as an action item at this meeting.

4. **Board of Directors to Consider Approval of September 30, 2021 Workshop/Meeting, October 7, 2021 Meeting, and October 21, 2021 Workshop/Meeting Minutes**
5. **Board of Directors to Consider Acceptance of Financial & Expenditures Reports**
6. **Board of Directors to Consider Finance & Administration Committee Recommendation to Accept the Treasurer's Report for the Quarter ending September 30, 2021**
7. **Board of Directors to Consider Acceptance of Staff Reports:**
 - a. **O&M Budget to Actual**
 - b. **Operations & Maintenance**
 - c. **Science Program**
 - d. **Activity Agreements**
 - e. **Procurement Activity**

Action Items

8. **Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Acceptance of Final Fiscal Year 2021 Audited Financial Statements, Machado/Brian Nash**
9. **Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Authorization to Execute the ACWA JPIA Commitment to Excellence Program Letter of Acceptance, Arroyave**
10. **Board of Directors to Consider Water Resources Committee Recommendation Regarding Authorization to Execute Second Amendment to Agreement for Professional Services with CDM Smith and Related Increase in Expenditure of \$300,000 for B.F. Sisk Dam Raise and Expansion Project Support within the FY22 Leg Ops Budget, Arroyave**
11. **Board of Directors to Consider Finance & Administration Committee and Water Resources Committee Recommendations Regarding Potential Cost Share Percentage for B.F. Sisk Dam Raise and Expansion Project, Barajas**
12. **Board of Directors to Consider Adopting Resolution Re-Ratifying the Proclamation of a State of Emergency by Governor Gavin Newsom (Mar. 4, 2020), Proclaiming the State of Emergency Continues to Directly Impact the Ability of Members of the Legislative Bodies of the San Luis & Delta-Mendota Water Authority to Meet Safely in Person, and Re-Authorizing Remote Teleconference Meetings for Such Legislative Bodies for the Period November 4, 2021 through December 4, 2021 Pursuant to Brown Act Provisions, Akroyd**
13. **Board of Directors to Consider Authorizing Execution of Agreement to Admit the City of Tracy to the First Amended and Restated Los Vaqueros Reservoir Expansion Project Activity Agreement, Arroyave**

Report Items

14. Report on State and Federal Affairs, Petersen/Dennis Cardoza/Kristin Olsen
15. Update on Grassland Basin Drainage Management Activities, Joe McGahan
16. Review of San Luis Transmission Project Bond Financing Options, Mizuno
17. Executive Director's Report, Barajas
May include reports on activities 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
18. Chief Operating Officer's Report, Arroyave
(May include reports on activities related to 1) OM&R; 2) Infrastructure Projects; 3) Water transfers,

165

exchanges, and release program

19. Update on Water Operations and Forecasts, Boardman

20. Committee Reports:

- a. Water Resources Committee Activities, Birmingham
- b. Finance & Administration Committee Activities, Gilmore
- c. O & M Technical Committee Activities, White

21. Outside Agency/Organization Reports:

- a. State and Federal Contractors Water Agency
- b. Family Farm Alliance
- c. Farm Water Coalition
- d. Association of California Water Agencies
- e. San Joaquin Valley Water Blueprint Effort
- f. Central Valley Project Water Association

22. Board Member Reports

23. **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 – 2 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-DAD-EPG, 9th Cir. Case No. 21-15163 (2005 DMC Contract Renewals)
- B. Pacific Coast Federation of Fishermen's Associations, et al. v. Donald R. Glaser and San Luis & Delta-Mendota Water Authority, U.S. District Court, E.D. Cal., Case No. 2:11-CV-02980-KJM-CKD (PCFFA v Glaser or GBP Citizens Suit)
- C. Delta Stewardship Council Cases, Sacramento County Superior Court, Case No. JCCP 4758 (formerly San Luis & Delta-Mendota Water Authority and Westlands Water District v. Delta Stewardship Council, et al., Sacramento County Superior Court, Case No. 34-2013-80001500) (Delta Plan Litigation)
- D. City of Fresno, et al. v. United States, U.S. Court of Federal Claims, Case No. 1:16-cv-01276-EDK (2014 Friant Breach of Contract)
- E. Monterey Coastkeeper, et al. v. Central Valley Regional Water Quality Control Board, et al., Third District Court of Appeal Case No. C093513, Sacramento County Superior Court Case No. 34-2018-80002853; Environmental Law Foundation v. State Water Resources Control Board, Third District Court of Appeal Case No. C093513, Sacramento County Superior Court Case No. 34-2018-80002851; Protectores del Agua Subterranea v. State Water Resources Control Board, Third District Court of Appeal Case No. C093513, Sacramento Superior Court Case No. 34-2018-80002852 (Waste Discharge Requirement Cases)
- F. North Coast Rivers Alliance v. Delta Stewardship Council, Sacramento County Superior Court, Case No. 34-2018-80002898; Central Delta Water Agency v. Delta Stewardship Council, Sacramento County Superior Court, Case No. 34-2018-80002900; Friends of the River v. Delta Stewardship Council, Sacramento County Superior Court, Case No. 34-2018-80002901; California Water Impact Network v. Delta Stewardship Council, Sacramento County Superior Court, Case No. 34-2018-80002904 (Delta Plan Amendment Cases)
- G. North Coast Rivers Alliance, et al. v. San Luis & Delta-Mendota Water Authority, et al., Merced County Superior Court, Case No. 19CV-04989 (GBP Long-Term Storm Water Management Plan)
- H. 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-DAD-EPG (ROC on LTO BiOps)
- I. California Natural Resources Agency, et al. v. Raimondo, et al., U.S. District Court, E.D. Cal., Case No. 1:20-cv-00426-DAD-EPG (ROC on LTO BiOps)
- J. CDWR Water Operation Cases, Sacramento County Superior Court, Case No. JCCP 5117 (formerly Tehama-Colusa Canal Authority et al. v. California Department of Water Resources et al., Fresno County Superior Court, Case No. 20CECG01303) (SWP EIR Challenge)
- K. AquAlliance et al. v. U.S. Bureau of Reclamation, et al., U.S. District Court, E.D. Cal., Case No. 1:20-cv-00878-DAD-EPG (Long-Term Water Transfers EIS/EIR)

166

- L. Winnemem Wintu Tribe et al. v. State Water Resources Control Board et al., Merced County Superior Court, Case No. 21CV-02721 (GBP Waste Discharge Requirements)
 - M. SWRCB Administrative Hearing Office: County of San Joaquin Application for Permit to Appropriate Water from the South Fork American River at the Freeport Regional Water Authority Facility on the Sacramento River, Pending Application A029657 (SJC Permit Application Protest)
 - N. AquAlliance et al. v. San Luis & Delta-Mendota Water Authority, Merced County Superior Court, Case No. 21-CV-03487 (Long-Term Water Transfers EIS/EIR Addendum)
24. Return to Open Session / Report from Closed Session, if any Required by Government Code Section 54957.1
25. Reports Pursuant to Government Code Section 54954.2(a)(3)
26. 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 via telephone (209) 826-9696 or email [cheri.worthy@sldmwa.org or sandi.ginda@sldmwa.org] at least 3 days before a regular meeting or 1 day before a special meeting/workshop.

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/>.

147

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SAN LUIS & DELTA-MENDOTA WATER AUTHORITY SPECIAL TELEPHONIC MEETING OF THE BOARD OF DIRECTORS, AND JOINT BOARD OF DIRECTORS SPECIAL TELEPHONIC MEETING – SPECIAL JOINT WATER RESOURCES COMMITTEE, AND FINANCE & ADMINISTRATION COMMITTEE SPECIAL JOINT WORKSHOP MINUTES

SEPTEMBER 30, 2021

The Special Telephonic Meeting of the Board of Directors, and Joint Board of Directors Special Telephonic Meeting – Special Joint Water Resources Committee, and Finance & Administration Committee Special Joint Workshop of the San Luis & Delta-Mendota Water Authority convened at approximately 1:30 p.m. This meeting was held via teleconference/ZOOM in accordance with the Governor’s Executive Order (N-08-21), with Vice-Chair William Bourdeau presiding.

Board of Directors Present

Division 1

Anthea Hansen, Director
Rick Gilmore, Director - Lea Emmons, Alternate

Division 2

Ceil Howe, III, Alternate for Ryan Ferguson
William Bourdeau, Director
Michael Linneman, Alternate for John Bennett

Division 3

Chris White, Director - Jarrett Martin, Alternate
Ric Ortega, Director

Division 4

Aaron Baker, Alternate for John Varela
Gary Kremen, Director
Jeff Cattaneo, Director
Sara Singleton, Alternate for Joseph Tonascia

Division 5

Tom Birmingham, Director - Jose Gutierrez, Alternate
Manny Amorelli, Director

Water Resources Committee Members Present

Ex-Officio

William Bourdeau

Division 1

Anthea Hansen, Alternate

Division 2

None

Division 3

1008

Chris White, Member

Division 4

Vincent Gin, Member - Jeff Cattaneo, Alternate

Division 5

Tom Birmingham, Member - Manny Amorelli, Alternate

Finance & Administration Committee Members Present

Ex-Officio

William Bourdeau

Division 1

Rick Gilmore, Member - Anthea Hansen, Alternate

Division 2

Bobbie Ormonde, Member

Division 3

Chris White, Member

Division 4

Sara Singleton, Member - Dana Jacobson, Alternate

Division 5

Manny Amorelli, Alternate for Bill Pucheu

Friant Water Authority

Wilson Orvis, Alternate for Jason Phillips

Authority Representatives Present

Federico Barajas, Executive Director
Pablo Arroyave, Chief Operating Officer
Scott Petersen, Water Policy Director
Rebecca Akroyd, General Counsel
Frances Mizuno, Special Projects Administrator
Joyce Machado, Director of Finance
Lauren Neves, Accountant III
Stewart Davis, IT Officer

Others Present

Robert Porr, Fieldman Rolapp & Associates
Doug Brown, Stradling Yocca Carlson & Rauth

1. **Call to Order/Roll Call**
Vice Chair William Bourdeau called the meeting to order, and roll was called.
2. **Opportunity for Public Comment**
No public comment.

169

3. Board of Directors to Consider Adopting Resolution Proclaiming a Local Emergency, Ratifying the Proclamation of a State of Emergency by Governor Gavin Newsom (Mar. 4, 2020), and Authorizing Remote Teleconference Meetings of the Legislative Bodies of the San Luis & Delta-Mendota Water Authority for the Period September 30, 2021 through October 29, 2021 Pursuant to Brown Act Provisions.

General Counsel Rebecca Akroyd reported that adopting the proposed resolution will allow the Water Authority's legislative bodies to conduct meetings via teleconference in conformity with Government Code section 54953(e), as amended by AB 361. Akroyd reported that the bodies will be able to meet via teleconference but not be required to provide notice of each teleconference location, post a notice at each location, provide access at each location, require a quorum be present within the Authority's jurisdiction, or provide an option to meet at a physical location. Akroyd reported that the resolution includes an affirmation that a state of emergency persists, and that requiring in-person attendance at meetings of the Water Authority's legislative bodies would pose an imminent risk to the health and safety of such individuals. Akroyd reported that the resolution will take effect immediately upon its adoption and will be effective for 30 days, or until such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies may continue to teleconference without compliance with Government Code section 54953(b)(3).

On a motion of Director Gary Kremen, seconded by Director Chris White, the Board Adopted Resolution Proclaiming a Local Emergency, Ratifying the Proclamation of a State of Emergency by Governor Gavin Newsom (Mar. 4, 2020), and Authorizing Remote Teleconference Meetings of the Legislative Bodies of the San Luis & Delta-Mendota Water Authority for the Period September 30, 2021 through October 29, 2021 Pursuant to Brown Act Provisions. The vote on the motion was as follows:

AYES:	Hansen, Gilmore, Howe, Bourdeau, Linneman, White, Baker, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	Birmingham
ABSTENTIONS:	None

4. Discussion Regarding San Luis Transmission Project

Executive Director Federico Barajas introduced the item. Barajas explained the need to work concurrently on elements associated with the issuance of bonds, and also the need to solidify agreements/contracts that will be required to enable this to take place within the

170

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targeted timeline. Special Projects Administrator Frances Mizuno reported that a resolution along with four separate documents, Indenture of Trust, Continuing Disclosure Certificate, Advanced Payment Project Agreement, and Good Faith Estimate of Costs are expected to come before the Board for approval in the upcoming October 7 meeting. Mizuno reviewed the San Luis Transmission Project PowerPoint presentation, which was included in the packet. Mizuno provided a brief review of five necessary agreements, 1) Transmission Service Request, 2) Project Development Agreement, 3) Transmission Service Agreement, 4) Lease Agreement w/Solar Developer, and 5) Reclamation Agreement (if necessary). Robert Porr provided a brief overview of the flow chart. Porr reported that if there are no funds in the Liquidity Reserve, funds will be received under the Advanced Payment Project Agreement. Doug Brown reviewed the OM&R obligations, existing and proposed financial covenants specific to the San Luis Transmission Project, Authority Billing and Collection for the San Luis Transmission Project (proposed), and Authority Actions in an Event of a Non-Payment. Throughout the presentation, staff and consultants answered questions from Board and Committee members.

5. **Executive Directors Report.**

Executive Director Federico Barajas reported that today marks the end of the Federal Fiscal Year, and Reclamation was able to execute the DMC Cooperative Agreement and the MOU that was approved by the Board relating to the WIIN Act funding for the planning effort associated with this project.

Barajas reported that a Continuing Resolution was signed into law through December 3, 2021 for Government funding and expenditures.

6. **Closed Session**

Vice-Chair William Bourdeau adjourned the open session to address the items listed on the Closed Session Agenda at approximately 2:31 p.m. Upon return to open session at approximately 2:44 p.m., General Counsel Rebecca Akroyd stated that no reportable actions were taken.

7. **Reports Pursuant to Government Code Section 54954.2(a)(3)**
None.

8. **Adjournment.**

The meeting was adjourned at approximately 2:44 p.m.

121

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD
OF DIRECTORS REGULAR TELEPHONIC MEETING
MINUTES FOR OCTOBER 7, 2021**

The Board of Directors of the San Luis & Delta-Mendota Water Authority convened at approximately 9:30 a.m. at 842 6th Street, Los Banos, California, and via teleconference in accordance with Government Code section 54953(e) and Resolution No. 2021-488 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on September 30, 2021, with Chair Cannon Michael presiding.

Directors and Alternate Directors in Attendance

Division 1

David Weisenberger, Director (via Teleconference)
Bobby Pierce, Director - Vince Lucchesi, Alternate (both via Teleconference)
Anthea Hansen, Director
Rick Gilmore, Director (via Teleconference)

Division 2

Ryan Ferguson, Director (via Teleconference)
William Bourdeau, Director
Bill Diedrich, Director (via Teleconference)

Division 3

Dan McCurdy, Director - Jeff Bryant, Alternate (both via Teleconference)
Chris White, Director
Cannon Michael, Director
Ellen Wehr, Alternate for Ric Ortega (via Teleconference)

Division 4

John Varela, Director (via Teleconference)
Gary Kremen, Director - (via Teleconference)
Jeff Cattaneo, Director
Sara Singleton, Alternate for Joseph Tonascia (via Teleconference)

Division 5

Bill Pucheu, Director (via Teleconference)
Tom Birmingham, Director, - Jose Gutierrez, Alternate (both via Teleconference)
Manny Amorelli, Director

Authority Representatives Present

Federico Barajas, Executive Director
Pablo Arroyave, Chief Operating Officer
Frances Mizuno, Special Projects Administrator
Rebecca Akroyd, General Counsel
Scott Petersen, Water Policy Director
Joyce Machado, Director of Finance
Lauren Neves, Accountant III
Stewart Davis, IT Officer
Gerald Robbins, Special Programs Manager

178

Others in Attendance

- Tom Boardman, Westlands Water District
- Dennis Cardoza, Foley & Lardner, LLP
- Bill Ball, Foley & Lardner, LLP
- Kristi Robinson, WaterWise
- Dana Jacobson, Valley Water
- Steve Stadler, San Luis Water District
- Vince Gin, Valley Water
- Mark Smith, Smith Policy Group
- Jason Phillips, Friant Water Authority
- Mike Wade, California Farm Water Coalition
- Doug Brown, Stradling Yocca Carlson & Rauth
- Robert Porr, Fieldman Rolapp & Associates

1. Call to Order/Roll Call

The meeting was called to order by Chair Cannon Michael and roll was called.

2. Board 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

None.

CONSENT ITEMS

4. Agenda Items 4-6: Board to Consider: a) September 23, 2021 Workshop Minutes b) Acceptance of the Financial & Expenditures Reports, c) Treasurer’s Report, d) Staff Reports.

Upon request by Director Tom Birmingham, Agenda Item 4 September 16, 2021 Minutes from consent calendar and taken separately, below.

On a motion of Director Rick Gilmore, seconded by Director William Bourdeau, the Board accepted the Meeting Minutes, Financial Expenditures Reports, Treasurer’s Report, and Staff Reports. The vote on the motion was as follows:

AYES: Weisenberger, Pierce, Hansen, Gilmore, Ferguson, Bourdeau, Diedrich, McCurdy, White, Michael, Wehr, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli

NAYS: None

ABSTENTIONS: None

5. Agenda Item 4: Board of Directors to Consider Approval of the September 16, 2021 Meeting Minutes.

Director Tom Birmingham suggested a change to language describing Agenda Item 2. Birmingham

173

suggested the second sentence read “Akroyd reported that based on information that became known to the Authority after the posting of the Agenda for the September 16, 2021 meeting there was a need for a modification to Agenda Item 9, to add a second amendment to the referenced contract”.

On a motion of Director Tom Birmingham, seconded by Director William Bourdeau, the Board adopted the September 16, 2021 meeting minutes with suggested change. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Ferguson, Bourdeau, Diedrich, McCurdy, White, Michael, Wehr, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

ACTION ITEMS

6. **Agenda Item 7: Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Adoption of Resolution Providing for the Issuance of Revenue Bonds to Finance the San Luis Transmission Project, Authorizing the Execution of Certain Documents, and Authorizing Certain Other Actions in Connection Therewith.**

Special Projects Administrator Frances Mizuno presented the item and then introduced Bond Counsel Doug Brown to walk through the PowerPoint presentation. Brown provide a brief summary of the resolution and the four documents included with the resolution, Indenture of Trust, Continuing Disclosure Certificate, Advanced Payment Project Agreement, and Good Faith Estimate of Costs. Mizuno reported that the resolution now has a not to exceed \$410 million maximum. Robert Porr discussed various aspects of the project regarding necessary agreements, O&M rate payments, and money collected by the Bureau of Reclamation from other CVP contractors. Porr also discussed the need for a liquidity reserve of \$2.2 million assuming the \$282 million project cost.

During the public comment portion of the discussion, Finance & Administration Committee Member Jason Phillips made a statement on behalf of Friant Water Authority, noting that FWA did not object to the project, but had noted concerns that required resolution.

On a motion of Director Tom Birmingham, seconded by Director Gary Kremen, the Board Adopted Resolution Providing for the Issuance of Revenue Bonds to Finance the San Luis Transmission Project, Authorizing the Execution of Certain Documents, and Authorizing Certain Other Actions in Connection Therewith. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Ferguson, Bourdeau, Diedrich, McCurdy, White, Michael, Wehr, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
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174

NAYS: None

ABSTENTIONS: None

7. **Agenda Item 8: Board of Directors to Consider Adopting Resolution Re-Ratifying the Proclamation of a State of Emergency by Governor Gavin Newsom (March 4, 2020), Proclaiming the State of Emergency Continues to Directly Impact the Ability of Members of the Legislative Bodies of the San Luis & Delta-Mendota Water Authority to Meet Safely In-Person and Re-Authorizing Remote Teleconference Meetings for such Legislative Bodies for the Period October 7, 2021 through November 6, 2021 Pursuant to Brown Act Provisions.**

General Counsel Rebecca Akroyd reported that last week the Board of Directors adopted Resolution 2021-488, which authorized remote teleconference meetings of the legislative bodies of the Authority for the period September 30, 2021 – October 29, 2021. Akroyd reported that because the Authority's Water Resources Committee and Finance & Administration Committee have meetings scheduled for November 1, 2021, and the Board of Directors is scheduled for November 4, 2021 the Authority would like to allow the opportunity to conduct business remotely in compliance with Government Code section 54953(e). Akroyd reported that staff is proposing adoption of a new resolution, and as drafted, the resolution makes all the requisite findings to continue to meet via teleconference pursuant to AB 361.

Following discussion, on a motion of Director Gary Kremen, seconded by Director Bill Pucheu, the Board Adopted Resolution Re-Ratifying the Proclamation of a State of Emergency by Governor Gavin Newsom (March 4, 2020), Proclaiming the State of Emergency Continues to Directly Impact the Ability of Members of the Legislative Bodies of the San Luis & Delta-Mendota Water Authority to Meet Safely In-Person and Re-Authorizing Remote Teleconference Meetings for such Legislative Bodies for the Period October 7, 2021 through November 6, 2021 Pursuant to Brown Act Provisions. The vote on the motion was as follows:

AYES: Weisenberger, Pierce, Hansen, Gilmore, Bourdeau, Diedrich, McCurdy, White, Michael, Wehr, Kremen, Cattaneo, Singleton, Pucheu, Amorelli

NAYS: Ferguson, Birmingham

ABSTENTIONS: Varela

REPORT ITEMS

8. **Agenda Item 9: Report on State and Federal Affairs.**

Water Policy Director Scott Petersen highlighted items in his report included in the packet. Petersen reported that last month, the Senate Energy and Natural Resources Committee held a hearing on Camille Touton's nomination to be Commissioner of the Bureau of Reclamation.

Petersen reported that another Biden appointee, Robert Anderson, was confirmed by a Senate

175

voice vote last month as the Solicitor of the Department of Interior.

Petersen reported that the Council on Environmental Quality (CEQ) is moving forward with its plans to make modifications to the NEPA regulations that were modified during the last administration. CEQ is inviting public comment on these proposed revisions. Petersen reported that two public meetings on the proposed rule will be held online on October 19, 2021 from 1:00-4:00 pm EDT and October 21 from 5:00-8:00 pm EDT. Petersen reported that staff will be engaging to comment on the updates to the NEPA regulations as they move forward and will coordinate with member agencies.

Petersen reported that a continuing resolution was passed by Congress last month, extending government funding through December 3rd. Petersen reported that the CR also included \$200 million in funds to Reclamation for western drought response and included the naming of the WIIN Act storage projects that advance the funding for the B.F. Sisk Dam Raise and Reservoir Expansion, Sites Reservoir, Los Vaqueros Phase 2 Expansion, and the Del Puerto Canyon Reservoir.

Dennis Cardoza reported that the Senate came to an agreement that would raise the debt limit to \$408 billion dollars to December 3, 2021. Bill Ball provided a brief update on the Western Drought hearing.

9. Agenda Item 10: Executive Director's Report.

a) **B.F. Sisk Dam Raise and Reservoir Expansion Project** – Executive Director Federico Barajas reported that a Special Board meeting is scheduled October 21, 2021, and Reclamation is expected to provide responses to outstanding questions regarding the BF Sisk Dam Raise and Reservoir Expansion Project.

b) **Update Regarding Communications Plan** – Water Policy Director Scott Petersen reported that the Authority is moving forward with the Media Monitor, and is seeking direction from the Board on the frequency of distribution, and any other feedback related to topics of content.

10. Agenda Item 11: Chief Operating Officer's Report.

Chief Operating Officer Pablo Arroyave provided an update on hyacinth eradication. Arroyave reported that Reclamation is committed to reimburse treatment cost in the Mendota Wildlife Area, which is more than half of the acreage that would be treated. Arroyave reported that Reclamation submitted a grant application on the behalf of the Authority and other members for Drought Emergency Grant Funding for hyacinth treatment in our area.

Arroyave reported that the Jones Pumping Plant Unit I Rewind final testing has been delayed for two months based on fabrication issues and delays at the NEC facility.

11. Agenda Item 12: Update on Water Operations and Forecasts

176

Westlands Water District's Tom Boardman reported that Shasta has dropped an additional 30 TAF from its carry over storage of 1,070 TAF. Total natural inflow to the reservoir during water year 2021 was reported to be the lowest in the 100-year record. There was brief discussion of the amount of natural inflow needed to avoid a Shasta Critical year in 2022. Low storage conditions in Folsom were explained and the details of an on-going power bypass operation were covered. Conditions in the Delta were discussed, which included a brief explanation of projected pumping rates at Jones and the status of COA accounting.

Current and near-term San Luis Reservoir operations were reported, and Boardman explained a temporary storage exchange between DWR and Reclamation. Boardman responded to various follow up questions from Directors Diedrich and Hansen by explaining: 1) the timing of pumping transfer water and how CVP SLR storage is being managed with little to no Project water available in the reservoir, and 2) The possibility of using some of the State' COA debt to remove the storage exchange obligation that the CVP has to the SWP in SLR.

Director White briefly clarified that the Friant/San Luis exchange was to meet only the demands of the Exchange Contractors and was not used to meet refuge demands.

12. Agenda Item 13: Committee Reports.

- a. **Water Resources Committee** – October meeting was cancelled.
- b. **Finance & Administration Committee** – No report.
- c. **O&M Committee** – Chair Chris White reported that the O&M Committee is scheduled to meet October 18, 2021.

13. Agenda Item 14: Outside Agency/Organization Reports.

- a. **State and Federal Contractors Water Agency (SFCWA)**
Executive Director Federico Barajas reported that a meeting will be scheduled next month.
- b. **Family Farm Alliance (FFA)**
Report included in the packet.
- c. **Farm Water Coalition.**
Mike Wade reported that efforts are being continued to provide administrative support to the Authority including working on the Media Monitor. Wade reported that they are working on briefing documents for tours, briefings, and Authority functions.

d. Association of California Water Agencies

Director Bill Diedrich reported that the Agriculture Committee meeting is today at 1:00. Director John Varela reported that ACWA's new president will be announced at the ACWA conference in Pasadena. Varela reported that the Fall ACWA Conference is both virtual and in-person.

177

DRAFT

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY SPECIAL TELEPHONIC BOARD OF DIRECTORS, AND JOINT BOARD OF DIRECTORS SPECIAL TELEPHONIC MEETING – SPECIAL JOINT WATER RESOURCES COMMITTEE, AND FINANCE & ADMINISTRATION COMMITTEE SPECIAL JOINT WORKSHOP MINUTES

OCTOBER 21, 2021

The Special Telephonic Joint Workshop of the Board of Directors, Water Resources Committee, and Finance & Administration Committee of the San Luis & Delta-Mendota Water Authority convened at approximately 1:00 p.m. This meeting was held via teleconference/ZOOM in accordance with Government Code section 54953(e) and Resolution 2021-490 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on October 7, 2021, with Chair Cannon Michael presiding.

Board of Directors Present

Division 1

- David Weisenberger, Director
- Bobby Pierce, Director - Vince Lucchesi, Alternate
- Anthea Hansen, Director

Division 2

- William Bourdeau, Director

Division 3

- Michael Linneman, Director
- Bill Diedrich, Director
- Jarrett Martin, Alternate for Chris White
- Cannon Michael, Director
- Ric Ortega, Director

Division 4

- Aaron Baker, Alternate for John Varela
- Richard Santos, Alternate for Gary Kremen
- Jeff Cattaneo, Director
- Sara Singleton, Alternate for Joseph Tonascia

Division 5

- Bill Pucheu, Director
- Tom Birmingham, Director - Jose Gutierrez, Alternate
- Manny Amorelli, Director

Water Resources Committee Members Present

Ex-Officio

- Cannon Michael
- William Bourdeau

Division 1

- Anthea Hansen, Alternate

Division 2

Bill Diedrich, Member

Division 3

Ric Ortega, Alternate

Division 4

Vincent Gin, Member - Jeff Cattaneo, Alternate

Division 5

Tom Birmingham, Member - Manny Amorelli, Alternate

Finance & Administration Committee Members Present

Ex-Officio

Cannon Michael
William Bourdeau

Division 1

Anthea Hansen, Alternate

Division 2

None

Division 3

Jarrett Martin, Alternate

Division 4

Sara Singleton, Member

Division 5

Bill Pucheu, Member - Manny Amorelli, Alternate

Friant Water Authority

Jason Phillips, Member - Wilson Orvis, Alternate

Authority Representatives Present

Federico Barajas, Executive Director
Pablo Arroyave, Chief Operating Officer
Scott Petersen, Water Policy Director
Rebecca Akroyd, General Counsel
Joyce Machado, Director of Finance
Lauren Neves, Accountant III
Stewart Davis, IT Officer

Others Present

Richard Welsh, Reclamation

1. **Call to Order/Roll Call**
Chair Cannon Michael called the meeting to order, and roll was called.

2. **Opportunity for Public Comment**

No public comment.

3. **Discussion Regarding B.F. Sisk Dam Raise and Reservoir Expansion Project.**

Executive Director Federico Barajas introduced the item, and informed the Board that Reclamation has answered questions asked by the Water Authority. Barajas introduced Richard Welsh and Casey Arthur from Reclamation.

Richard Welsh provided a brief summary of the Projects Benefits & Funding Example Diagram, and walked through the questions/answers. Both documents were provided to the Board and Committee members previously. Throughout the presentation, Richard Welsh and Water Authority staff answered questions from Board and Committee members, and the Board provided direction to staff regarding further action items to be brought to the Board relating to the project.

4. **Executive Directors Report.**

Water Policy Director Scott Petersen provide a brief update on the recent reinitiation of consultation on the 2019 biological opinions regarding long-term coordinated operation of the Central Valley Project and State Water Project and proposed interim operations plan. Petersen reported that there has been a tremendous amount of activity around operations for the coming year and in response to this activity, one statement was issued and three letters were sent over the last two weeks to express significant concerns with the approach taken by the state and federal government related to proposed interim operations for WY22. Petersen reported that on October 1, the California Republican Congressional delegation issued a statement in response to the reinitiation of consultation., Petersen reported that on October 19, the Governor issued a proclamation extending the drought emergency statewide and resetting a conservation target of 15% reduction in consumption. Petersen reported that the proclamation adds the eight counties not previously included in the drought state of emergency: Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Francisco and Ventura. Petersen reported that the drought emergency proclamation requires local water suppliers to implement water shortage contingency plans that are responsive to local conditions and prepare for the possibility of a third dry year. Petersen reported that on October 19, the State Board issued a notice indicating that all curtailments under the August 20, 2021 curtailment orders issued pursuant to the Sacramento-San Joaquin Delta Watershed Emergency Reporting and Curtailment Regulation are temporarily suspended. Petersen reported that the reporting requirements remain in place, as do other curtailment requirements pursuant to Standard

Water Right Term 91. Petersen reported that the temporary suspension of curtailments is subject to change. Petersen reported that water supply forecasts will continue to be evaluated regularly to determine if, when, and to what extent re-imposition of curtailments is appropriate, and updates will continue to be provided by email and web posting.

5. **Closed Session**

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 2:25 p.m. Upon return to open session at approximately 2:37 p.m., Chair Cannon Michael stated that no reportable actions were taken

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

None.

7. **Adjournment.**

The meeting was adjourned at approximately 2:39 p.m.



XII.

November 4, 2021

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for October 2021

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 1-2 units through October 26th. The average rate of pumping for the JPP was 1,467 cfs through 10/26.

Total pumping at the JPP through 10/26 was 75,629 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 17,690 acre-feet, and pumped 11,663 acre-feet through 10/26. No pumping or reverse flow occurred at the Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) this month.

The Federal share in the San Luis Reservoir on October 26, 2021 was 20,110 acre-feet as compared to 381,434 acre-feet on October 26, 2020.

During the month of October, releases from Friant Dam ranged from 230 to 260 cfs with no flows entering the Mendota Pool. No flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were delivered during the month of October.

Canal Operations staff performed open channel and closed-pipe flow measurements, routine patrols, bi-weekly meter readings, water samples, well soundings, and meter maintenance during the month of October.

Control Operations staff performed the following switching/clearance placements for the month of September:

- JPP Unit 1; suction elbow inspection
- JPP Unit 1; motor rewind and annual maintenance
- OPP Unit 3; unplanned outage
- DCI Unit 4; contractor conduit inspection

Civil Maintenance Department

The Civil Maintenance crews worked on the following projects this month:

- TFO settling basin repairs
- DMC ROW tree removal
- TFCF stop log seal installation and transportation
- Grading and repair of DMC, SLD, and Wasteway operating roads
- LBFO minor facility repairs
- Assisted with OPP Unit 3 repairs
- TFO compound minor maintenance

177

- Chemical and mechanical weed control on DMC and SLD
- Installation of stairs and handrails to DMC turnout gates and meters (MP19.18 & 20.43L)
- Maintenance and repairs to float lines, signs, fences, guard rails and gates
- Retrieving bait stations along DMC
- Cleaning of DMC drain inlets
- Garbage collection on DMC and Wasteways

Plant Maintenance Department

The Plant Maintenance crews worked on the following projects this month:

Electrical/C&I Staff:

- JPP flow totalizer upgrade
- JPP Unit 1 preparation for re-assembly
- JPP Unit 3 excitation control repaired
- OPP Unit 3 re-assembly
- JPP protective relay testing
- DMC check electrical PM

Mechanical Staff:

- JPP Unit 1 thrust tub and bearing assembly
- JPP cooling water line repairs
- JPP sandblast & paint
- OPP Unit 3 re-assembly on-going and near completion
- JPP Unit 5 oil leak in high pressure lube line
- JPP installation of replacement air dryer

USBR Support Services

Water Authority crews performed the following work at USBR facilities this month:

- TFCF trash conveyor preventive maintenance
- TFCF replaced control block for hyacinth debris sweep arm

Engineering Department

The Engineering staff worked on the following projects this month:

- JPP Unit 1 rewind project, and thrust bearing inspection and repairs
- JPP Unit 4 rewind project
- JPP switchgear buildings relay settings update
- DMC MP115.90 flowmeter evaluation
- Upper DMC Communication Upgrades Project scoping
- RO&M exam draft report review & provided comments & attended exit meeting
- Data management of well readings and creation of Warren Act hydrographs
- TFCF secondary channel equipment support
- OPP Oil Tanks Removal Project
- OPP electrical drawings update
- JPP Industrial Water Settling Basin repair
- TFO canal maintenance yard storm drainage design
- JPP asphalt repair design
- JPP Accusonic flowmeter panel replacement
- O&M PM setup in Netsuite
- OPP Unit 3 support for assembly, and alignment

183

- TFO breaker modifications per JPP Arc Flash 2018
- Oil analysis of TFO Main Transformer, disconnect 1821, and DCI transformer KW1A. Also included oil gage temperature repair and nitrogen gas valve installation.
- Large size scanner setup at OPP.

Land Management Activity Summary

The Engineering staff issued two (2) access permits this month:

- Access permit P2202001 was issued to Patterson Irrigation District to repair leaky underground pipeline servicing the existing turnout at Milepost 42.51-L.
- Access permit P2202025 was issued to San Luis Water District to repair the leaking pipe servicing the well discharge at Milepost 79.13-R.

The Engineering staff were involved with the following land management projects this month:

- Orestimba Creek Recharge Project
- Costco Annexation Project, Tracy, CA
- City of Patterson – Sperry Road developments & Baldwin Ranch comments
- International Parkway Bridge Replacement, PROLOGIS -Tracy, CA – Plan review and provided comments
- PGE pipeline relocation @ MP92.73 - ongoing
- PID MP42.51 plan review and approval

October 2021 Safety Department

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support for the crews.
- Conduct Weekly Safety Tailgate talks with Maintenance and Operations crews.
- Sent out Weekly Safety Tailgate Topics – 10-1 Fall Protection, 10-2 Hearing Conservation , 10-3 Personal Protective Equipment, 10-4 Confined Space Entry
- Provided Safety Message for October Monthly Newsletter – 10/2021 Situational Awareness
- Attended National Safety Council Safety 2021 Congress & Expo conference – virtual.
- Provide Permit Required Confined Space Rescue standby for OPP Unit 3 rebuild.
- Conducted in-person CPR/AED/First Aid Training to 65 SLDMWA employees

Work & Asset Management Department

The Work & Asset Management Department worked on the following items this month:

Contracts/PO Agreements/LOA's Status Update

- F22-OPP-059 - OPP Main Transformer Rehabilitation solicitation document development in progress. Estimated release date is planned for February/March 2022.
- F22-JPP-060 - JPP Unit 1 Thrust Collar and Bearing Repairs - Emergency Contract. Work in progress.
- F22-OPP-061 - OPP Cathodic Protection System Replacement - Informal bid issued and received bids. One bid received. Will be re-releasing as a formal Request for Bids.
- F22-OPP-062 - OPP Transformer Oil Tank Removal – Work in progress.

- F22-LBFO-063 - Pesticide Supply Contract – Informal Bid developed and issued. Contract Awarded (Nutrien Ag Solutions)
- F22-DMC-064 - Aerial Hyacinth Spraying in Mendota Pool – Work completed

Ongoing:

- Purchasing in support of the O&M crews, to maintain warehouse stock
- Warehouse receiving, stocking, and distribution
- Invoicing/vendor bills/vendor credits processing
- Janitorial cleaning & disinfecting per COVID-19 guidelines
- Contract Management/Administration activities, including bi-weekly contract update meetings with Engineering staff
- Developing/implementing purchasing/procurement and asset/inventory procedures/boilerplate templates
- Bi-weekly WAM staff meetings to discuss updates/issues
- Contract invoice payment reviews, invoice disputes as needed, invoice payments

Information Technology Department

The Information Technology Department worked on the following items this month:

- NetSuite
 - Online training, User and Administration
 - Weekly Implementation Team meetings
 - Selected vendor for NetSuite Support
- Assist with October OMTC, FAC, WRC and BOD meetings with Zoom
- Desktop support calls.
- Email server upgrade preparations- Vendor SOW
 - Hardware received and racked / Vendor installing Exchange Server
- Planning for Server refresh
- Planning for laptop refresh
- Planning process to evaluate upgrading/replacing copiers
- Started development of updated companywide Cybersecurity training and awareness
 - Selected 9 training videos for all staff and management to view
 - HR distributed to all to view
- Research hybrid zoom sound system upgrade for BOD, FAC, and WRC meetings
 - Upgraded mics and tested borrowed sound board for WRC, FAC & BOD meetings
- Continued upgraded of Symantec Anti-Virus Management Console, pushed new version to additional users
- Research security camera options for warehouse personnel to monitor gates
- Prepared desktop for deployment to new Civil Engineer.
- RO&M Budget development
- Assist SCADA with 3g to 4g cell migration for DMC check structures
- Prepare workstations for deployment for two new employees
- Prepare laptop(s) upgrade OS and re-deploy

185

Human Resources Department

The Human Resources Department worked on the following items this month:

General Administrative Activities:

- Recruitments:
 - Heavy Equipment Operator, Tracy (continued recruitment)
 - Hydroelectric Electrician, Tracy (continued recruitment)
 - SCADA Engineer, (continued recruitment)
 - O&M Manager (continued recruitment)
 - Plant Engineer, Tracy (interviews scheduled)
 - Maintenance Worker, Tracy (candidate selected)
 - Work Planning Technician, Los Banos (candidate selected)
- New hire orientations
- Background checks for PIV cards (continuing)
- Benefits open enrollment (October, 2021)

Trainings/ Conferences:

- Remain up to date with webinars to ensure compliance with new legislation as it pertains to COVID-19
- Cyber Security Training (all staff being scheduled for training)
- Harassment Prevention Training (staff being scheduled for bi-annual training)

Government Reporting:

- Merced County Public Health COVID reporting
- Veterans 4212 report (completed)
- EEO-4 reporting (deadline 1/2022)

Ongoing:

- COVID protocols
- FMLA notices/follow ups
- COBRA notices/follow ups
- Worker's Comp follow ups
- Monthly safety points distribution
- Health benefits eligibility/employee assistance
- Maintain OSHA logs for calendar year
- Wellness program

EXTRAORDINARY O&M & CAPITAL PROJECTS

DELTA-MENDOTA CANAL (DMC)

Bridge Abutment Repair at MP 92.73

Status: The abutment repair is on hold until PGE relocates the pipeline. The 6-inch pipe owned by PG&E that crosses under the bridge, adjacent to the abutment, is the main transmission line for the City of Dos Palos. All parties have agreed that it would be a safety hazard to conduct work with the gas line in place, and PG&E is currently planning to remove the existing pipeline from the bridge and HDD install a new pipeline under the canal. PG&E plans to perform geotechnical explorations to support their design effort and plan for the 30% design review in October. PG&E, Water Authority, and Reclamation are meeting monthly to keep the project moving forward.

DMC Subsidence Correction Project

Status: SLDMWA executed a \$817k Professional Services Agreement with Terracon on May 6th for the Phase 1 Geotechnical Exploration work after receiving board approval at the May board meeting. Exploration Services and Final Report were completed on October 3, 2021, both on time and \$900 under budget. Staff is currently working on process to submit invoices for reimbursement to Reclamation as the project is a pre-incurred cost identified in the Cooperative Agreement. Award of future phases will be depend on funding availability.

The Water Authority executed the Cooperative Agreement and Memorandum of Agreement with Reclamation on 9/24/2021 after acquiring Board approval. Staff is currently working on the first draft of the Feasibility Study RFP, including Cultural and Environmental and will coordinate closely with Legal Counsel and Reclamation in the review process. Efforts are being made to issue the RFP on November 18th and to finalize Consultant Selection in time for the January 13, 2022 Board Meeting. The DEC review, another task identified in the Cooperative Agreement, is scheduled for the end of November. Staff also reviewed and commented on the draft Feasibility Study of Alternatives prepared by TSC. The feasibility level cost estimate of alternatives is due to be completed early November.

Reclamation approved the pump submittal for the supply contract for the two additional pumps at the DMC/CA Intertie Pumping Plant (DCI). The installation of the government furnished items will be completed by Unico Services. Unico's latest schedule is to mobilize late December or early January. Project is to be completed by Spring 2022.

DMC Turnout Flowmeter Upgrade Program – Phase 2

Status: Phase 1 is complete. Phase 2 has started with the collection of current meter measurements. The SLDMWA will be pursuing a sole source purchase of the same type of McCrometer meters that were purchased in Phase 1.

187

EXTRAORDINARY O&M & CAPITAL PROJECTS

DMC O&M Road Maintenance Program, Phase 1 of 10

Status: Talley Oil Inc. submitted Guarantee Form on letterhead along with final invoice. Project is complete, and project close out activities are underway.

C.W. "BILL" JONES PUMPING PLANT (JPP)

JPP Excitation Cabinet & Control Panel Refurbishment (FY2018 Project)

Status: Site visit was completed in March by USBR Denver Office staff to evaluate the installation plans for the project. Additional funds have been requested to complete the project. A revised letter of agreement was received from the USBR, and the WA is processing the payment so that work on the design and technical specifications can continue. The 100% design is due in Feb 2022.

JPP Unit No. 5 Rewind

Status: Project is complete. The final invoice has been approved by Reclamation and partial payment was received in July. Reclamation has funds for final payment, and is beginning the paperwork process.

JPP Unit No. 1 Rewind

Status: The stator rewind is complete and has been tested. There was a delay with the rotor field poles being overhauled at the NEC factory which resulted in a 3 month contract delay. NEC has demobilized and will return to the site 11/29/2021 to install the rotor field poles and complete their work. The updated schedule has Unit 1 returning to service on 1/25/2022. The previous return to service date was 11/19/2021. Performance testing is tentatively scheduled for January 31 – Feb 4. The thrust bearings, upper guide bearing, thrust runner and pump bearing were all sent to Kingsbury Inc. in Yuba City for repair. The thrust shoes and adjustment screws are complete and have been picked up. The thrust runner has been manufactured new and the upper guide and pump bearings rebabbitted. The thrust collar should be completed and ready for pick up by November 12.

JPP Unit No. 4 Rewind

Status: Due to steel shortages and price increases in Europe, the Water Authority issued the Notice to Proceed and initial payment early for the Unit 4 Rewind in June and materials were successfully secured. The schedule for Unit 4 has been adjusted accordingly due to the Unit 1 delay. Disassembly by Authority staff is scheduled to begin February 21, 2022, previously December 9, 2021. Production of the Unit 4 laminations is starting in early October. David Roose is currently in Poland for a factory inspection of the production of laminations.

JPP/OPP/DCI Fire Protection Systems Assessment

Status: Water Authority awarded a contract to FRA to perform a systems assessment in January 2021. The site surveys and exchange of documents are complete. Final

EXTRAORDINARY O&M & CAPITAL PROJECTS

reports have been received and engineering is currently preparing an implementation plan. Engineering estimates provided by the consultant total \$500K. Anticipate EO&M construction projects for FY24, as Reclamation will likely want to review the modifications to their facilities.

JPP Wear Ring Purchase

Status: No activity this month.

O'NEILL PUMPING/GENERATING PLANT (OPP)

Main Transformers Rehabilitation/Replacement Project

Status: Completed data collection, design, and technical specifications. Latest oil test results were reviewed by TSC and confirmed that postponing the rehabilitation project a year is acceptable, and recommended to continue closely monitoring the oil condition. Currently working on finalizing the RFP and will continue to monitor the transformers' oil test results. Planned release of RFP to be in April 2022 and construction tentatively scheduled around April 2023.

Arc Flash Hazard Analysis, Facility Rating, & Protective Relays Reviews (Electrical Equipment Periodic Reviews)

Status: The personal protective grounds were upgraded per recommendations from the Facility Rating Review. Arc Flash Hazard Analysis and Protective Relays Review are still pending.

Pump Bowl Modification (Design and USBR Approval)

Status: Water Authority is pursuing obtaining the replacement pump bowl design and construction from Pentair, the original manufacturer of the pump, with the intent of receiving one bowl per year beginning in FY23. An LOA will be established with the BOR to review and approve Pentair's design.

Penstock Cathodic Protection System Replacement

Status: Specification and design completed by JDH Corrosion Consultants. Formal solicitation for the construction contract to be issued November 1.

UPS Battery Charging System Replacement

Status: No activity this month. Installation is to be timed concurrent with the outage for the transformer rehabilitation at OPP (April/May 2023). Equipment purchase for this job will occur 6 months prior to the transformer project starting.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement

Status: Water quality testing will occur in November, and drainage design is nearing completion in time for winter.

18a



MEMORANDUM

TO: SLDMWA Water Resources Committee Members and Alternates

FROM: Scott Petersen, Water Policy Director

DATE: November 1, 2021

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 ("ROC on LTO"), (2) State Water Resources Control Board Action, including the Bay-Delta Water Quality Control Plan update, (3) San Joaquin River Restoration Program, (4) Delta Conveyance, (5) Delta Stewardship Council, and (6) Water Blueprint for the San Joaquin Valley.

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. It’s unclear what this agency review will analyze, but staff will be engaged.

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.

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

191

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.

Reclamation Manual

Documents out for Comment

Draft Policy

- There are currently no Policies out for review.

Draft Directives and Standards

- [PEC 10-05 Reclamation Standard Water-Related Contract Articles, Standard Article 5: Operation and Maintenance of Transferred Works \(Federal Construction\) \(comments by 11/15/2021\)](#)
- [PEC 10-06 Reclamation Standard Water-Related Contract Articles, Standard Article 6: Operation and Maintenance of Project Works \(Federally Assisted Construction\) \(comments by 11/15/2021\)](#)
- [BGT 02-02 Reimbursability and Recharacterization of Project and Program Costs \(comments by 11/19/2021\)](#)
- [PEC 05-03 Extended Repayment of Extraordinary Maintenance Costs \(comments by 11/15/2021\)](#)
- [CMP 11-01 Title Transfer for Reclamation Project Facilities \(comments by 11/1/2021\)](#)

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)

- [RSHS 42 Collateral Duty Safety Representatives \(CDSR\) \(comments by 11/22/2021\)](#)

Draft Reclamation Design Standards

- There are currently no Design Standards out for review.

State Water Resources Control Board (State Water Board) Activity

Documents out for Comment

- There are currently no documents out for comment.

Emergency Regulation: Sacramento-San Joaquin Delta Watershed

Background

On May 10, 2021, Governor Newsom issued a Proclamation of a State of Emergency due to drought in 41 counties, including those in the Delta watershed. On July 8, 2021, the Governor issued an expanded Proclamation of a State of Emergency for 9 additional counties and called upon Californians to voluntarily reduce their water use by 15 percent compared to the same period in 2020.

To ensure protection of water needed for health, safety, and the environment, the May 10, 2021 Proclamation directs the State Water Board to consider adoption of an emergency regulation to

curtail water diversions in the Delta watershed when water is not available at water right holders' priority of right and to protect releases of previously stored water.

On June 15, 2021, the State Water Board sent Notices of Water Unavailability to all water right holders in the Delta watershed, alerting all post-1914 appropriative water right holders that the Board had determined, based on the best information available to the Board, that water was not available to serve their priorities. The June 15 notice also warned all pre-1914 appropriative and riparian water right claimants in the Delta watershed of impending water unavailability based on worsening drought conditions and the resulting likelihood of consideration of an emergency regulation to curtail water use throughout the Delta watershed.

On July 8, 2021, the San Luis & Delta-Mendota Water Authority, Friant Water Authority, Tehama Colusa Canal Authority, and the State Water Contractors sent a letter to State Water Board Chairman Joaquin Esquivel expressing a need for action to protect stored water and to reduce unauthorized diversions of water in the Delta, in order to protect authorized beneficial uses of water.

On July 29, 2021, the San Luis & Delta-Mendota Water Authority sent a letter to State Water Board Chairman Joaquin Esquivel expressing support for protecting stored water, the need to ensure due process in the protection of appropriately exercised water rights, and the need to consider a number of comments expressed by water users related to the Water Unavailability Methodology.

The draft emergency regulation was considered by the State Water Board at its August 3, 2021 meeting and adopted, then submitted to the Office of Administrative Law.

On August 20, 2021, the State Water Resources Control Board (State Water Board) mailed initial orders imposing water right curtailment and reporting requirements on all water right holders and claimants in the Delta watershed (linked below).

The August 20 order (Order) identifies the priorities of water rights and claims of right that are curtailed for the remainder of August and for the month of September. The Delta Watershed Curtailment Status List (Curtailment Status List) on the [Delta Watershed Drought webpage](#) reflects the water rights and claims that are currently curtailed, including those that are currently required to curtail for the month of September even if not required to curtail for the month of August. This list will be updated on a weekly basis or more frequently if there are precipitation events that warrant suspension of curtailments.

Over the last week, the SWRCB notified water right permit and license holders within the Sacramento San Joaquin Delta watershed and Standard Water Right Term 91 (Term 91) and other interested parties that curtailments are no longer in effect due to a lack of supplemental project

103

water (SPW) releases by the Department of Water Resources and U.S. Bureau of Reclamation (Projects) at this time. If the Projects are required to resume consistent SPW releases and the Sacramento-San Joaquin River Delta (Delta) remains in balanced conditions, the State Water Resources Control Board (State Water Board) will resume Term 91 curtailments.

Please monitor your email and the State Water Board's drought website for further updates on Term 91 or other curtailments. Term 91 and other curtailments may be re-imposed in the near future if hydrologic conditions degrade.

[Bay Delta Water Quality Control Plan Update](#)

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.² 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 resolution³ 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.

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

² Available at <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Blogs/Voluntary-Settlement-Agreement-Meeting-Materials-Dec-12-2018-DWR-CDFW-CNRA.pdf>.

³ Available at https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2018/rs2018_0059.pdf.

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. As the State Water Board further refines this update, there will be opportunity for public comment.

The effort has made progress since an initial framework was presented to the State Water Board on December 12, 2018.

On March 1, 2019, the California Department of Water Resources and the Department of Fish and Wildlife submitted documents⁴ 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.

[Water Blueprint for the San Joaquin Valley Activity](#) [Background](#)

The Water Blueprint for the San Joaquin Valley (Blueprint) is a broad and evolving group of stakeholders, working to better understand shared goals for water solutions that support environmental stewardship with the needs of communities and industries throughout the San Joaquin Valley. The Blueprint has engaged with stakeholders to try and ensure that everyone has safe, reliable, and affordable access to water for drinking, supporting their farms and communities and a thriving ecology.

The SJV faces significant impacts to its long-term economic, social, and environmental health if nothing is done to address water scarcity, as highlighted in Phase I of Dr. David Sunding’s Economic Impact Assessment (EIA) <https://www.waterblueprintca.com>.

⁴ Available at http://resources.ca.gov/docs/voluntary-agreements/2019/Complete_March_1_VA_Submission_to_SWRCB.pdf

591

The Large Group and committees continue to meet and pursue the mission of Blueprint, including outreach, technical support and working in collaboration with other stakeholders.

Governance: A nominating committee has been established to identify up to 15 directors for the 501c3 to better reflect its current participants, contributors, and its approach of a “coalition of the willing” while allowing for a streamlined review and action process. The committee is looking to fill the following categories: Local Government, Water Agency, At-Large, White Area & Agriculture.

Outreach & Engagement: The Blueprint Community Advisory Committee will be having its first meeting on October 27th. The tentative agenda is an introduction of participants, overview of the Water Blueprint for the San Joaquin Valley and drought Planning for 2022. The Blueprint’s first community newsletter is being circulated and the website is being updated. Continue working with CSBA (School Boards Association) and Tribal interests. Creating a contact list of local elected officials, including special districts and county supervisors. This contact list is the basis for a newsletter sent to community leaders throughout our region.

Technical Committee: ESA is developing a regulatory and permitting path forward for the Blueprint. This detailed plan will list all permits needed, the approvals, the reports, and documents essential to prepare and obtain from the Federal and/or State Agencies for the solution sets provided. Blueprint continues to engage with Central Valley stakeholders regarding opportunities to construct infrastructure, balanced approach to water resources, low interest loans for farmers unable to farm and focus on inter-regional conveyance and habitat restoration. A dinner has been set up with Board Members from Madera I.D. and Chowchilla W.D., participants of the Blueprint and White Area representatives to review the status of the technical work and next steps if any.

SJV Water Collaborative Action Program (SJWVWCAP): Stanford University, working in coordination with the Blueprint, Central Valley Community Foundation, Fresno State, NGOs and 60+ stakeholders from water agencies, agricultural interests, local government, drinking water advocates and environmental interests have drafted an inter-caucus Problem Statement and Solution Sets for the Plenary Group to review and adopt. A fundamental part of the solution set is a focus on a two phased approach to identify an amount of water and its sources to aid in recharging the Valley as well as a total amount of acres for potential fallowing as well as a timeframe for identifying agreeable ways of doing so.

DAC Drinking Water Feasibility Study – FKC: Participants include FWA, FSU, Self Help, Sustainable Conservation and Leadership Council are looking to study Tulare County related to

surface water supply, recharge and drinking water supplies. DWR is making available approx. \$49,500 for this study. Fresno State in coordination with the other participants will be creating a more specific scope tailored to Tulare to provide to DWR to review and fund.

XII -



STAFF MEMORANDUM

TO: Board Members and Alternates

FROM: Scott Petersen, Water Policy Director

DATE: November 4, 2021

RE: Update on Science Program

SUMMARY

The San Luis & Delta-Mendota Water Authority's ("Water Authority") current science commitments for Fiscal Year 22 (March 1, 2021 – February 28, 2022) may be considered in three categories. First, the Water Authority re-budgeted \$245,252 in the current budget to fund eight activities and/or studies previously authorized to be funded. Second, the Water Authority began the year with approximately \$4,628 in funds remaining from the State and Federal Contractors Water Agency ("SFCWA") to fund one study initially authorized by SFCWA and transferred to the Water Authority for funding and management. Third, the Water Authority has budgeted \$450,000 in the current budget for science studies. More detail regarding the various science commitments is provided below. In total, the Water Authority started the current fiscal year with approximately \$924,089 available to fund science, of which \$644,089 has been obligated.

1. Previous Commitments - \$245,252 in FY 22 Budget

Subject	Description of Work / Objective(s)	FY 22 Budget
Delta Coordination Group Summer Fall Habitat Action Structured Decision Making Facilitation Support	Funds support facilitation and assistance with Delta Coordination Group Structured Decision Making for Delta Coordination Group recommendations to Reclamation and DWR related to Summer Fall Habitat Actions in the Biological Opinions and State Incidental Take Permit	\$21,000
Joint Funding of Delta Smelt Structured Decision Making Phase 3	This funding would support management and technical analyses required to conduct Phase 3 for the CSAMP Delta Smelt Structure Decision Making (SDM) project. Technical analyses would include modeling and the application of other analytical tools to evaluate the consequences of proposed management actions for Delta Smelt as well as the evaluation of potential consequences to other resource values including water supply and	\$30,000

198

	agriculture. Phase 3 is scheduled to occur from September 2020 to September 2021.	
Joint Funding for Hanson Environmental as CAMT Technical Support	This funding would support continued CAMT participation by Dr. Charles Hanson through a contract with the State Water Contractors. Dr. Hanson assists in the development of various workplans and products, including Charters, presentations, whitepapers, and other materials to support collaborative science.	\$30,000
Development of eDNA monitoring tool for detection of Delta Smelt	Goal to develop an accepted eDNA monitoring tool for species detection in tidally mixed aquatic ecosystems in the Delta, and to advance eDNA aquatic monitoring towards a state-of-science that can be applied in the context of scientific, policy, and regulatory decision-making	\$63,000
Sacramento-San Joaquin Delta Fallowing Pilot Evapotranspiration Monitoring Program	Study between April 1, 2018 and September 30, 2018 of consumptive use on between 2,000 and 4,000 acres in the legal Delta during the 2018 irrigation season. Goal to identify a method of reliable measurement of the reduction in consumptive use associated with temporary crop idling on lands within the legal Delta.	\$7,000
Interior Delta Export Effects Study	<p>Study of specific data gaps related to export operation effects on juveniles salmonids. Goal to fill information gaps on juvenile salmonid survival in the south Delta to update salmonid loss models, optimize survival for salmonids near salvage facilities, and support water reliability through enhanced coordinated operations.</p> <p>Last year, the Study didn't receive its anticipated Proposition 1 grant to go to scale, so Authority funding provided for the study to continue and provide capacity for a grant application for the recent Proposition 1 grant funding notification, which was recently awarded.</p>	\$25,000
Delta Smelt Incidental Take Limit Research	Funds support the evaluation of differences in salvage between pre- and post-BiOp conditions and the determination of how much variance in salvage can be explained by each of the predictor variables. Support provided to ICF Jones & Stokes, Inc., through a cost share with SWC.	\$14,252
CAMT Facilitation	Funds support facilitation and assistance with CAMT and CSAMP meetings. Main contracts with Essex Partnership (Bruce DiGennaro) and Hansen Environmental (Chuck Hansen) held by SWC.	\$55,000

199

2. SFCWA-Funded Studies Being Managed by the Water Authority - \$4,628 Remaining

Subject	Description of Work / Objective(s)	SFCWA Funds Remaining
Measuring Impact of Control of yellow Starthistle in the Northern Sac. Valley and Superior California on Watershed Runoff and Groundwater Levels	Study of the water benefits of yellow Starthistle (YST) control. If there appears to be replicable water supply benefit from YST removal, will prepare plan of recommended YST removal in California that results in increased runoff and/or improved groundwater levels.	\$4,628

3. New Science - \$450,000 in FY 22 Budget

Subject	Description of Work / Objective(s)	FY 22 Budget
Science Studies/Efforts		\$450,000
None Approved to date	None approved to date	--

FUTURE SCIENCE PROGRAM DIRECTION

The recently released federal Biological Opinions require annual scientific review of the Reasonable and Prudent Measures scientific panel review in years 4 and 8 of the implementation of the Biological Opinions.

It is anticipated that increased engagement on scientific studies to prepare sufficient scientific bodies of knowledge on the adaptive management provisions of the new biological opinions will be necessary from public water agencies in order to adequately prepare for the 4- and 8-year scientific review of the implementation of the new Biological Opinions. Staff is coordinating with CSAMP/CAMT, as well as Reclamation, NOAA Fisheries and U.S. FWS to determine anticipated annual scientific investments necessary to prepare for the scientific panels.

Authority staff is planning to focus on key areas for the 2021 and future budgets, in order to assist in the development of a more coordinated science strategy between public water agencies and state and federal agencies who fund the scientific enterprise. Specifically, these recommended areas are:

- Technical Support for Authority Engagement in Regulatory Processes
- Steelhead Monitoring and Protection
- Delta Smelt Structured Decision Making Scientific Expertise
- CSAMP/CAMT Support
- Delta Coordination Group Support
- Development of Voluntary Agreement Science Plan

200

- Permit Streamlining

Technical Support for Authority Engagement in Regulatory Processes

The Authority has need of additional biological expertise to provide comments and a higher level of engagement with regulatory entities, including the State Water Resources Control Board, NOAA Fisheries, the U.S. Fish and Wildlife Service, California Department of Fish and Wildlife and others. Specifically, Authority staff is proposing to issue an RFQ for scientific and biological support services and to establish contracting authority with a number of consultants for on-demand services centered on the areas of expertise of the respective consultant and staffing availability.

Steelhead Monitoring and Protection

The status of steelhead population trends continues to pose a threat to water supply reliability for south-of-Delta Central Valley Project contractors. Significant data gaps exist in the scientific body of knowledge regarding steelhead, including a method for estimating population levels and continued support of the I/E ratio in state level regulatory proposals. Steelhead species receive less funding than other scientific research, indicating an opportunity where the Authority could add value to the scientific enterprise. Specifically, there is a need for better data analysis and synthesis for steelhead.

Delta Smelt Structured Decision Making Scientific Expertise

Compass Resources, who manages the Delta Smelt Structured Decision Making process, has identified a need for a biologist for biological resource support, including literature searches that would better inform the SDM process. The Authority and the State Water Contractors are jointly funding this expertise.

CSAMP/CAMT Support

The Authority has remained engaged in CSAMP/CAMT and has jointly funded facilitation support, technical support and scientific studies related to management actions associated with project operations.

Delta Coordination Group Support

Authority staff is a member of the Delta Coordination Group (DCG), a group formed this year pursuant to Reclamation's Proposed Action and the Incidental Take Permit for the Coordinated Operations of the Central Valley Project and State Water Project. The DCG is charged with providing recommendations to Reclamation/DWR pertaining to Summer-Fall Habitat Actions for delta smelt.

Development of Voluntary Agreement Science Plan

The Authority has previously funded facilitation of the Governance, Science and Adaptive Management Working Group and staff is proposing to continue that commitment through contributing funds for the development of the Science Plan for implementation of the Voluntary Agreements.

201



SLTP 230kV Project Schedule

REVISED: October 5, 2021

EIS/EIR Milestone	Start Date	Duration	Close Date	Notes
Environmental Contract Award	9/16/2013	--	--	Completed
Environmental Contractor Public Participation Plan	10/25/2013	10 days	11/8/2013	Completed
Publish Notice of Intent (NOI) and Notice of Preparation (NOP)	11/22/2013	--	11/22/2014	Completed
Public Review of NOI & NOP	11/21/2013	60 days	1/21/2014	Completed
Public Scoping Meetings	1/18/2014	2 days	1/9/2014	Completed
Publish Scoping Summary Report	2/7/2014	30 days	3/7/2014	Completed
Publish Alternatives Screening Report	2/7/2014	30 days	3/7/2014	Completed
Obtain Rights of Entries	11/22/2013	100+ days	5/12/2014	Completed
Obtain Rights of Entries (second round)	2/20/2015	30+ days	3/25/2015	Completed
Conduct Biological Surveys	4/9/2014	45+ days	6/2/2014	Completed
Conduct Biological Surveys (second round)	3/2/2015	65+ days	5/4/2015	Completed
Conduct Cultural Resource Surveys	4/9/2014	60 days	6/15/2014	Completed
Conduct Cultural Resource Surveys (second round)	4/2/2015	15 days	4/27/2015	Completed
Project Description Chapter 2 Draft EIS/EIR	3/21/2014	7 days	3/28/2014	Completed
Draft EIS/EIR outline and table of contents for sections, etc.	3/21/2014	7days	3/28/2014	Completed

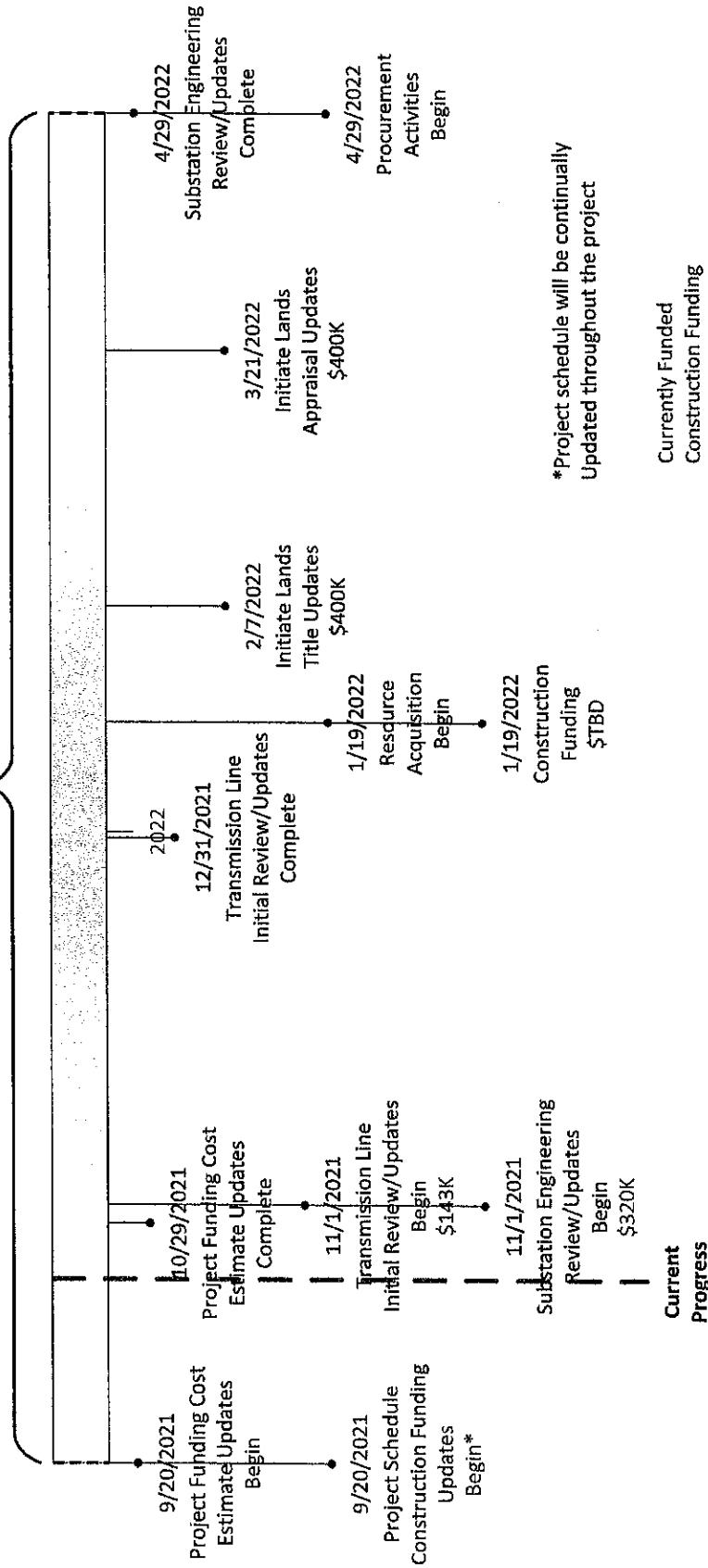
XII.

202

Prepare Draft EIS/EIR for Western and Agency Internal Review	5/1/2014	365+ days	5/22/2015	Completed
<i>Publish Notice of Availability and distribute Draft EIS/EIR</i>	7/17/2015	--	7/17/2015	Completed
<i>Draft EIS/EIR Public Review Period</i>	7/17/2015	45 days	8/31/2015	Completed
<i>Conduct Public Hearings on Draft EIS/EIR</i>	8/10/2015	2 days	8/11/2015	Completed
Review and Prepare Response to Public Comments on Draft EIS/EIR; Contractor & Agency comments	9/1/2015	90 days	12/14/2015	Completed
Send BA to USFWS (Begin ESA Consultation)	10/14/2016	--	10/14/2016	Completed
Prepare Final EIS/EIR with response to comments; changes; updates to project	12/15/2015	40 days	3/4/2016	Completed
Complete CEQA Documentation & Reporting	12/15/2015	40 days	3/4/2016	Completed
<i>Publish Notice of Availability and Distribute Final EIS/EIR</i>	3/25/2016	--	3/25/2016	Completed
BO issued from USFWS	135+ day consultation period		3/17/2017	Completed
<i>Sign and Publish ROD (NEPA) & NOD (CEQA)</i>	4/29/2016	--	4/29/2016	Completed
Engineering/Design	4/29/2016	418 days +/-	12/29/2017	Completed
Project Development Agreement	9/28/2021	83 days +/-	12/20/2021	In Progress
Construction Funding	1/19/2022	--	1/19/2022	Date pending confirmation
Procurement	5/24/2022	457 days +/-	8/24/2023	Pending project funding
Construction	8/23/2024	419 days +/-	10/16/2025	Pending project funding
Energyization	4/14/2026	--	4/14/2026	Pending project funding

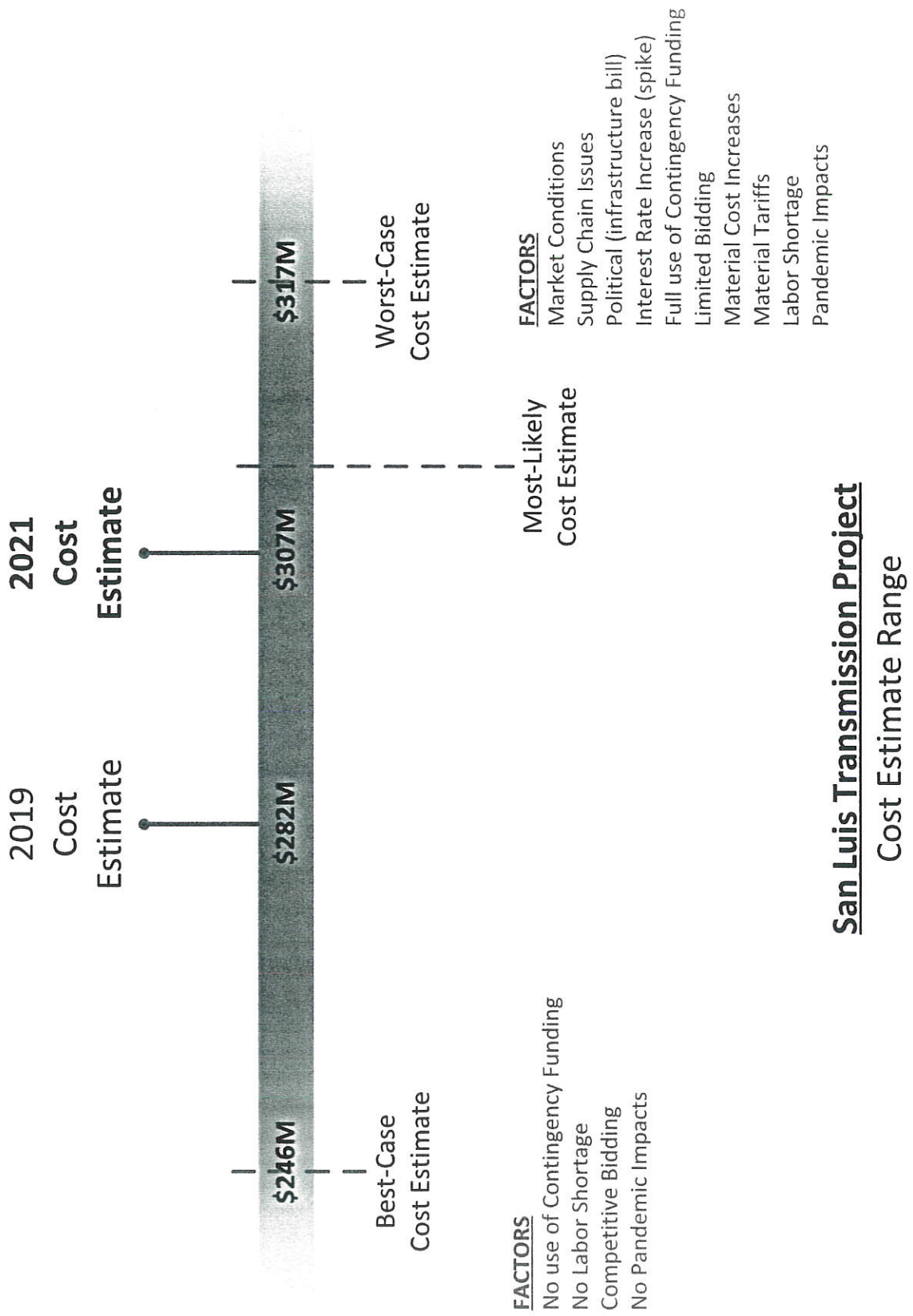
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9/20/2021 - 4/29/2022
Project Funding Timeline



San Luis Transmission Project
Funding Timeline

204



San Luis Transmission Project
 Cost Estimate Range

205

**Comparison of 30, 35 & 40 Year Scenarios*
San Luis Transmission Project**

	Level D/S 30 Year	Ascending D/S 30 Year	Level D/S 35 Year	Ascending D/S 35 Year	Level D/S 40 Year	Ascending D/S 40 Year
Par Amount	\$ 379,185,000	\$ 402,235,000	\$ 380,150,000	\$ 405,540,000	\$ 381,645,000	\$ 408,555,000
Project Fund	\$ 317,000,000	\$ 317,000,000	\$ 317,000,000	\$ 317,000,000	\$ 317,000,000	\$ 317,000,000
Total Debt Service	\$ 614,465,859	\$ 731,177,104	\$ 666,167,119	\$ 819,943,963	\$ 724,462,707	\$ 912,847,688
Net Debt Service	\$ 554,400,329	\$ 648,151,949	\$ 605,140,014	\$ 733,627,501	\$ 661,944,436	\$ 823,530,221
Total TAC 2027-Final Maturity	\$ 695,158,093	\$ 695,158,093	\$ 1,049,425,226	\$ 1,049,425,226	\$ 1,561,815,558	\$ 1,561,815,558
All-in TIC	3.24%	3.37%	3.35%	3.48%	3.47%	3.58%
Average Life (years)	19.25	24.52	22.51	29.65	25.96	34.77

Annual Net Debt Service Comparison

CAISO TAC @ 8%							
2/28/2023	\$ 7,775,252	-	-	-	-	-	-
2/28/2024	8,277,016	-	-	-	-	-	-
2/28/2025	8,815,965	-	-	-	-	-	-
2/28/2026	9,394,996	-	-	-	-	-	-
2/28/2027	10,017,240	\$ 5,864,355	\$ 6,688,271	\$ 6,104,729	\$ 6,983,230	\$ 6,361,877	\$ 7,251,851
2/28/2028	10,686,072	22,388,710	13,376,541	20,304,458	13,966,459	19,003,753	14,503,703
2/28/2029	11,405,139	22,389,774	13,376,541	20,305,796	13,966,459	19,000,665	14,503,703
2/28/2030	12,178,375	22,390,852	13,376,541	20,305,743	13,966,459	19,003,825	14,503,703
2/28/2031	13,010,027	22,387,324	13,376,541	20,307,023	13,966,459	19,002,441	14,503,703
2/28/2032	13,904,680	22,391,298	13,411,541	20,306,124	13,966,459	19,002,789	14,503,703
2/28/2033	14,867,283	22,387,084	14,340,670	20,306,506	13,966,459	19,002,473	14,503,703
2/28/2034	15,903,178	22,387,924	15,340,194	20,307,850	13,966,459	19,002,409	14,503,703
2/28/2035	17,018,133	22,388,233	16,415,668	20,308,578	13,966,459	19,005,266	14,503,703
2/28/2036	18,218,374	22,391,813	17,572,060	20,307,784	13,966,459	19,005,248	14,503,703
2/28/2037	19,510,624	22,387,259	18,818,729	20,304,517	13,966,459	19,001,661	14,503,703
2/28/2038	20,902,138	22,388,395	20,159,233	20,307,781	14,401,459	19,003,781	14,503,703
2/28/2039	22,400,752	22,391,625	21,604,818	20,306,221	15,432,800	19,000,540	14,503,703
2/28/2040	24,014,923	22,389,840	23,164,798	20,308,731	16,544,848	19,001,134	14,503,703
2/28/2041	25,753,785	22,387,710	24,838,563	20,303,826	17,746,672	19,004,395	14,503,703
2/28/2042	27,627,196	22,389,740	26,650,338	20,306,010	19,038,445	19,003,533	14,503,703
2/28/2043	29,645,803	22,390,270	28,593,358	20,305,620	20,426,730	19,000,758	14,503,703
2/28/2044	31,821,098	22,390,753	30,692,108	20,306,250	21,924,910	19,003,345	15,548,703
2/28/2045	34,165,493	22,388,145	32,955,910	20,305,515	23,541,485	19,000,623	16,696,605
2/28/2046	36,692,387	22,386,945	35,391,223	20,304,773	25,281,993	19,000,653	17,927,440
2/28/2047	39,416,247	22,391,483	38,019,000	20,308,505	27,159,878	19,002,903	19,261,770
2/28/2048	42,352,696	22,390,920	40,849,193	20,306,023	29,182,895	19,001,840	20,694,270
2/28/2049	45,518,602	22,389,755	43,906,080	20,306,980	31,363,283	19,002,110	22,239,615
2/28/2050	48,932,178	22,387,318	47,197,770	20,305,688	33,717,588	19,003,180	23,911,770
2/28/2051	52,613,091	22,387,938	50,746,700	20,306,628	36,251,495	19,004,518	25,708,990
2/28/2052	56,582,578	\$ 11,194,871	\$ 27,289,568	20,304,110	38,985,173	19,000,690	27,649,353
2/28/2053	60,863,570	-	-	20,307,618	41,937,753	19,001,043	29,740,048
2/28/2054	65,480,827	-	-	20,306,288	45,117,333	19,000,165	31,997,733
2/28/2055	70,461,089	-	-	20,304,603	48,551,320	19,002,425	34,428,178
2/28/2056	75,833,227	-	-	20,306,873	52,250,743	19,002,113	37,051,620
2/28/2057	81,628,420	-	-	\$ 10,152,870	\$ 28,122,883	19,003,695	39,887,233
2/28/2058	87,880,335	-	-	-	-	19,001,463	42,938,123
2/28/2059	94,625,327	-	-	-	-	19,004,883	46,236,865
2/28/2060	101,902,657	-	-	-	-	19,003,068	49,789,438
2/28/2061	109,754,719	-	-	-	-	19,000,485	53,626,108
2/28/2062	\$ 118,227,295	-	-	-	-	\$ 9,498,792	\$ 28,886,273
	\$ 1,596,078,787	\$ 554,400,329	\$ 648,151,949	\$ 605,140,014	\$ 733,627,501	\$ 661,944,436	\$ 823,530,221

*Preliminary and Subject to Change

*Market Rates as of October 27, 2021

*Interest is Capitalized through April 2026

*Assumed a Rate Stabilization sized at 50% of Maximum Annual Debt Service (MADS)

*Rate Stabilization is Noted against the Last Year's Debt Service

*Assumed Rating of BBB+

206

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