Notice of San Luis & Delta-Mendota Water Authority
Board of Directors Regular Telephonic Meeting
Thursday, January 13, 2022, 9:30 a.m.

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In accordance with Government Code section 54953(e) and Resolution 2021-498 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on December 14, 2021, members of the Board of Directors and Water Authority staff will be participating in this meeting from multiple locations. This meeting will occur exclusively through Zoom. 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, as appropriate. 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.

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 December 9, 2021, meeting minutes, and December 14, 2021 Special Meeting Minutes**

5. **Board of Directors to Consider Acceptance of Financial & Expenditures Reports**

6. **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

7. **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 January 13, 2022 through February 12, 2022 Pursuant to Brown Act Provisions**, Akroyd

8. **Board of Directors to Consider Adopting Resolution Making Single Source Findings and Authorizing Execution of Single Source Contract for Purchase of Flowmeters from McCrometer, Inc. and Expenditure of up to $255,000 from the FY22 EO&M Budget**, Arroyave

9. **Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Approval of Fiscal Year 2023 Operations and Maintenance (O&M) Budget**, Barajas/Arroyave

Report Items

10. Report on State and Federal Affairs, Petersen/Dennis Cardoza/Kristin Olsen

11. Review of Bond Financing and Draft Project Agreements for San Luis Transmission Project, Mizuno

12. Executive Director's Report, Barajas
    a. DMC Subsidence Correction Project
    b. 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

13. Chief Operating Officer's Report, Arroyave
    (May include reports on activities related to 1) OM&R; 2) Infrastructure Projects; 3) Water transfers, exchanges, and release program

14. Update on Water Operations and Forecasts, Boardman

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

16. 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

17. Board Member Reports

18. **CLOSED SESSION**

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Initiation of Litigation Pursuant to paragraph (4) of Subdivision (d) of Government Code Section 54956.9 – 4 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)
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)

19. Return to Open Session / Report from Closed Session, if any Required by Government Code Section 54957.1

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

21. 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/.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD OF DIRECTORS REGULAR TELEPHONIC MEETING MINUTES FOR December 9, 2021

The Board of Directors of the San Luis & Delta-Mendota Water Authority convened at approximately 9:30 a.m. via teleconference in accordance with Government Code section 54953(e) and Resolution No. 2021-492 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on November 29, 2021, with Chair Cannon Michael presiding.

Directors and Alternate Directors in Attendance

Division 1

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

Division 2

Ceil Howe, Alternate for Ryan Ferguson
William Bourdeau, Director
Michael Linneman, Director - Ara Azhderian, Alternate
Bill Diedrich, Director (arrived during Item 10)

Division 3

Chris White, Director - Jarrett Martin, Alternate
Cannon Michael, Director
Ric Ortega, Director - Ellen Wehr, Alternate

Division 4

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

Division 5

Bill Pucheu, Director
Tom Birmingham, Director
Manny Amorelli, Director

Authority Representatives Present

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

Others in Attendance

Tom Boardman, Westlands Water District
Dana Jacobson, Valley Water
Dennis Cardoza, Foley & Lardner, LLP
Mike Wade, California Farm Water Coalition
John Wiersma, Henry Miller Reclamation District
Joe McGahan, Summers Engineering
Lora Carpenter, Fieldman Rolapp & Associates
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) November 4, 2021 Meeting Minutes, and November 29, 2021 Special Meeting Minutes b) Acceptance of the Financial & Expenditures Reports, c) Staff Reports.

On a motion of Director Rick Gilmore, seconded by Director Bill Pucheu, the Board accepted the November 4, 2021 Meeting Minutes, November 29, 2021 Special Meeting Minutes, Financial Expenditures Reports, and Staff Reports. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Azhderian, White, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

ACTION ITEMS

5. Agenda Item 7: Board of Directors to Consider Resolution Adopting the 2022 Regular Meeting Calendar for the San Luis & Delta-Mendota Water Authority Board of Directors, Water Resources Committee, and Finance & Administration Committee.

Executive Director Federico Barajas reported that included in the packet is a memo regarding regular meetings of the Board of Directors, Water Resources Committee, and Finance & Administration Committee for calendar year 2022, and a Resolution for Board approval. Barajas noted the four meeting dates outside of the normal calendar dates due to holidays, and the Spring ACWA conference.

On a motion of Director Rick Gilmore, seconded by Director William Bourdeau, the Board adopted the Resolution Adopting the 2022 Regular Meeting Calendar for the San Luis & Delta-Mendota Water Authority Board of Directors, Water Resources Committee, and Finance & Administration Committee. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Azhderian, White, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

6. Agenda Item 8: Board of Directors to Consider Water Resources Committee Recommendation Regarding Adoption of Fiscal Year 2023 Objectives.

Executive Director Federico Barajas provided an overview of this item. Barajas noted changes made by Water Authority staff based on direction provided by Water Resources Committee (WRC) on Monday. Barajas provided a summary of the FY2023 proposed core objective, and three proposed sub-objectives described in the staff memo. Director Tom Birmingham noted that the changes were consistent with direction provided to staff at Monday's WRC meeting.

On a motion of Director Tom Birmingham, seconded by Director Gary Kremen, the Board Adopted Fiscal Year 2023 Objectives. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Azhderian, White, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

7. Agenda Item 9: Board of Directors to Consider Adopting Resolution Ratifying Execution of Letter Agreement (No. 22-WC-20-5911) with the U.S. Bureau of Reclamation Regarding Reimbursable Account for Assisting the San Luis & Delta-Mendota Water Authority and its Participating Members Effectuate Water Transfers in 2022.

Special Projects Administrator Frances Mizuno reported that Water Authority staff has begun to work with potential north of the Delta sellers and Reclamation on potential water transfers in 2022. Mizuno reported that the Authority is entering into Letters of Intent with potential sellers to purchase

transfer water in 2022. Mizuno reported that in order for Reclamation to work on these transfers, the Authority is required to enter into a letter agreement to establish a reimbursable account and provide an advance deposit to Reclamation, and their time will be charged to this account. Mizuno reported that on November 16, 2021, the Authority's Executive Director signed the Letter Agreement (included in the packet) requested by Reclamation, and it is the initial step required by Reclamation to initiate 2022 water transfers discussions. Mizuno reported that in this letter, the Water Authority agrees to pay the costs incurred by Reclamation during their review and approval of the water transfer proposals for 2022. Mizuno reported that in addition to the letter, Reclamation is requesting a supporting resolution. Mizuno reported that ratifying execution of the Letter Agreement will affirm the establishment of a reimbursable account that will allow Reclamation to assist the Authority in the water transfer effort.

On a motion of Director Gary Kremen, seconded by Director David Weisenberger, the Board Adopted Resolution Ratifying Execution of Letter Agreement (No. 22-WC-20-5911) with the U.S. Bureau of Reclamation Regarding Reimbursable Account for Assisting the San Luis & Delta-Mendota Water Authority and its Participating Members Effectuate Water Transfers in 2022. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Azhderian, White, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

8. Agenda Item 10: Board of Directors to Consider Grassland Basin Drainage Management Activity Agreement Steering Committee Recommendation to Adopt Resolution Adopting Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the Mud Slough Restoration Project and Authorizing Related Actions.

Agenda Item 11: Board of Directors to Consider Grassland Basin Drainage Management Activity Agreement Steering Committee Recommendation to Adopt Resolution Approving Mud Slough Restoration Project.

Joe McGahan reported that a draft Initial Study and Mitigated Negative Declaration was prepared and circulated for public review on June 30, 2021. McGahan reported that comments were received from the California Department of Fish and Wildlife (CDFW), California State Water Resources Control Board (SWRCB), and the Planning & Conservation League (PCL), which resulted in minor modifications to some of the text within the Initial Study. However, they were not significant enough to cause a recirculation of the documents. McGahan reported that a summary of the comments received is included in the packet. McGahan reported that the Mud Slough Restoration Project represents the most practical alternative to restore Mud Slough flows to the Newman Lake and to satisfy the obligation of the CDFW

MOUs, while minimizing adverse environmental impacts. McGahan reported that an Initial Study and Environmental Checklist (IS) were completed in compliance with the California Environmental Quality Act (CEQA), which identified mitigation measures that would reduce all impacts to less than significant levels, resulting in a Mitigated Negative Declaration (MND). McGahan reported that comments from CDFW, the SWRCB, and PCL resulted in some modifications to the IS and are summarized in the attached Summary of Public Comments. McGahan reported that implementation of the proposed project will require additional permits from the Army Corps of Engineers, the Regional Water Quality Control Board, and CDFW, all of which are in progress and are awaiting compliance with CEQA to proceed. McGahan reported that a Mitigation Monitoring & Reporting Plan will be required to monitor implemented mitigation measures as required by these permits and the MND. McGahan and Water Authority staff responded to questions from Directors regarding the proposed project.

On a motion of Director Tom Birmingham, seconded by Director Rick Gilmore, the Board adopted the Resolution Adopting Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the Mud Slough Restoration Project and Authorizing Related Actions, and Adopted Resolution Approving Mud Slough Restoration Project. The vote on the motion was as follows:

The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Azhderian, Diedrich, White, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

9. Agenda Item 12: Board of Directors to Consider Adopting Resolution Authorizing a Proposal for Funding from the Department of Water Resources and Designating a Representative to Execute the Agreement and Any Amendments Thereto, for the Delta-Mendota Canal Subsidence Correction Project.

Executive Director Federico Barajas reported that on November 30, 2021, the California Department of Water Resources (DWR) transmitted a letter to the Authority relating to DWR's administration of the Conveyance Subsidence Program. Barajas reported that the Conveyance Subsidence Program will provide funding for the rehabilitation of four sections of California's water conveyance systems to address the impacts of subsidence to the infrastructure that spans the San Joaquin Valley. Barajas reported that in the letter, DWR informed the Authority that the Delta-Mendota Canal Project ("Project") has been conditionally awarded State funding for eligible Project costs up to $23.8 million, depending on the DWR Director's determination that the Authority has satisfied a number of conditions, information relating to which is requested by January 5, 2022. Barajas reported that the letter indicates that DWR will coordinate with the Authority to enter into a funding agreement to receive the State funding. Barajas reported that adopting the resolution will allow Authority staff to work with DWR and

to execute the funding agreement and other documents necessary to meet the funding criteria. Barajas reported that the resolution further authorizes the Executive Director, or his designee, to prepare the necessary data, complete investigations, and take other such actions as necessary and appropriate to execute the Delta-Mendota Canal Subsidence Correction Project. Additional Board action will be required on certain future actions.

On a motion of Director John Varela, seconded by Director David Weisenberger, the Board adopted the Resolution Authorizing a Proposal for Funding from the Department of Water Resources and Designating a Representative to Execute the Agreement and Any Amendments Thereto, for the Delta-Mendota Canal Subsidence Correction Project. The vote on the motion was as follows:

The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Azhderian, Diedrich, White, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

REPORT ITEMS

11. Agenda Item 13: Report on State and Federal Affairs.

Dennis Cardoza provided a brief update on House and Senate activities. Cardoza reported that the 2nd Infrastructure Bill has stalled in the Senate and is not likely to move until next year.

Cardoza reported that the EPA and the Army Core of Engineers officially published a proposed rule revising the definition of WOTUS the rule, which would effectively restore it to the pre-2015 definition and would include updates to reflect Supreme Court decisions that have come since that time. Cardoza reported that comments are due February 7, 2022.

Bill Ball reported that the Senate passed a resolution to block the Federal vaccine mandate, and they will continue to track this.

Kristin Olsen reported on SB559 Canal Subsidence bill. Olsen reported that the Authority will take be taking on a lead role for the coalition partners around this effort, and in early January decisions on the bill or possibly bills will be moving forward to address the subsidence issues.

Cardoza suggested reserving some time during the January Board meeting to discuss changes in legislators.

12. Agenda Item 14: Discussion Regarding Estimated Cost of San Luis Transmission Project to Contractors that Take Delivery of Water from Project Works.

Special Projects Administrator Frances Mizuno described the current PUE cost allocation process. Mizuno reported that prior to the new fiscal year, Reclamation estimates total PUE expenses and estimates load for each meter for the upcoming year. Mizuno reported that with SLTP the allocation

process remains the same. Mizuno reported that the only change is that there will be no TAC charges related to transmission process for the San Luis Unit and instead TAC charges will be replaced with the annual fixed SLTP rate under the Transmission Service Agreement with WAPA. Mizuno reported that the preliminary SLTP collection and payment process is as follows: 1) SLDMWA invoices WAPA with copy to USBR for annual rate minus estimated revenue, 2) Reclamation uses the invoice amount to include in their PUE expense allocation to all meters, 3) Reclamation invoices SLDMWA its share of the PUE with SLTP as a separate line item, 4) Reclamation incorporates the remaining SLTP cost in PUE rates for CVP Contractors including direct pumpers to be paid based on deliveries for that year, 5) WAPA will invoice Reclamation equal monthly payments, 6) Reclamation pays WAPA equal monthly payments based on invoice, 7) WAPA pays SLDMWA equal monthly payments. Invoices will be sent by the first of each month and WAPA will pay within 30 days. 8)WAPA will be required to pay whether USBR makes payment to WAPA or not, 9) SLDMWA will receive WAPA payment by the end of each month and will make annual debt payment on October 15 and April 15. Mizuno also provided an illustration of the 35-year ascending debt service. Mizuno will provide copy of presentation materials to the Board members after the meeting.

13. Agenda Item 15: Executive Director's Report.

a) **B.F. Sisk Dam Raise and Reservoir Expansion Project** – Executive Director Federico Barajas reported that Chief Operating Officer Pablo Arroyave is leading coordination on a technical team meeting to be scheduled in the near future.

b) **Pacheco Reservoir** – Director Jeff Cattaneo reported that the draft EIR is out for review.

c) **Del Puerto Canyon Reservoir** – Director Anthea Hansen reported that in early 2022 Reclamation should have the draft EIS out for public review. Hansen reported that they are on the agenda for next week's California Water Commission meeting to receive determination of consistency by the required deadline of December 31, 2021.

d) **Budget Workshop** - Executive Director Federico Barajas reported that a Budget Workshop is scheduled December 14, 2021, at 12:30.

14. Agenda Item 16: Chief Operating Officer's Report.

Chief Operating Officer Pablo Arroyave reported Chauncey Lee has been selected for the O&M Manager position.

Arroyave reported that the ACWA JPIA honored the Authority, thanks to safety manager Frank Ramos, for creation of a Confined Space Technical Rescue Team that meets CAL OSHA requirements.

Arroyave reported that Reclamation has indicated that the Authority will receive the SLR balance report through October 31, 2021 in the next week.

15. **Agenda Item 17: Update on Water Operations and Forecasts**

Westlands Water District's Tom Boardman reported that Shasta storage remains low at about 1.12 MAF which is 4 TAF lower than last week. Storage conditions are expected to improve with approaching storms during the next week. Folsom storage was reported to be near the 15-year average, but snowpack is essentially zero. Boardman further reported that the incoming storms will likely improve the snowpack. It was explained the Delta outflow requirement is limiting Delta pumping to minimum levels and that Jones will increase to a 3-unit operation early next week when higher Sacramento River flows are expected to arrive in the Delta.

Reclamation has completed its payback of 100 TAF that was exchanged between the SWP and CVP during late summer. Boardman reported on current storage in San Luis while mentioning that the CVP share could refill enough under median rainfall to support allocations of 5-15% to ag and 55-65% to urban contractors.

16. **Agenda Item 18: Committee Reports.**

a. **Water Resources Committee** – Chair Tom Birmingham reported that the committee met, and addressed agenda items.

b. **Finance & Administration Committee** – Chair Rick Gilmore reported that the committee met, and addressed agenda items.

c. **O&M Committee** – No report.

17. **Agenda Item 19: Outside Agency/Organization Reports.**

a. **State and Federal Contractors Water Agency (SFCWA)**
No report.

b. **Family Farm Alliance (FFA)**
Report included in the packet.

c. **Farm Water Coalition.**
Mike Wade reported that they are continuing their work on Authority external affairs activities as directed by Water Policy Director Scott Petersen, and are working with CalStrat and the Foley team.

d. **Association of California Water Agencies**
Director Bill Diedrich provided a brief recap of the ACWA conference.
Director John Varela reported that Region 5 of ACWA hosted a special meeting on Diversity through Education, and it was very well attended. Varela thanked Executive Director Federico Barajas for attending.
Director William Bourdeau thanked Director Bill Diedrich for his great work on the Ag Committee.

e. **San Joaquin Valley Water Blueprint Effort**
No report.

f. **CVPWA**
No report.

18. **Agenda Item 20: Board Member Reports.**

No report.

19. **Agenda Items 21-22: Closed Session Report.**

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 11:48 a.m. Upon return to open session at approximately 1:14 p.m., General Counsel Rebecca Akroyd stated that no reportable actions were taken.

20. **Agenda Item 23: Reports Pursuant to Government Code Section 54954.2 (a) (3)**

No reports.

21. **Agenda Item 26: Adjournment.**

The meeting was adjourned at approximately 1:15 p.m.

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

DECEMBER 14, 2021

The Special Telephonic Meeting of the Board of Directors and Joint Special Telephonic Workshop of the Board, Water Resources Committee, and Finance & Administration Committee of the San Luis & Delta-Mendota Water Authority convened at approximately 12:30 p.m. via teleconference in accordance with Government Code section 54953(e) and Resolution No. 2021-492 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on November 29, 2021, with Chair Cannon Michael presiding.

Directors and Alternate Directors in Attendance

Division 1

Vince Lucchesi, Alternate for Bobby Pierce
Anthea Hansen, Director
Rick Gilmore, Director - Lea Emmons, Alternate

Division 2

William Bourdeau, Director
Ara Azhderian, Alternate for Michael Linneman
Bill Diedrich, Director (arrived late)

Division 3

Chris White, Director - Jarrett Martin, Alternate
Cannon Michael, Director
Ric Ortega, Director (arrived late) - Ellen Wehr, Alternate

Division 4

Jeff Cattaneo, Director
Sara Singleton, Alternate for Joseph Tonascia

Division 5

Bill Pucheu, Director
Tom Birmingham, Director
Manny Amorelli, Director (arrived late)

Water Resources Committee Members Present

Ex-Officio

Cannon Michael
William Bourdeau

Division 1

Anthea Hansen, Alternate

Division 2

Bill Diedrich, Member

Division 3

Chris White, Director - Ric Ortega, Alternate

Division 4

Jeff Cattaneo, Alternate

Division 5

Tom Birmingham, Member - Manny Amorelli, Alternate

Finance & Administration Committee Members Present

Ex-Officio

Cannon Michael
William Bourdeau

Division 1

Rick Gilmore, Member - Anthea Hansen, Alternate

Division 2

Bobbie Ormonde, Member

Division 3

Chris White, Member - Jarrett Martin, Alternate

Division 4

Sara Singleton, Member - Dana Jacobson, Alternate

Division 5

Bill Pucheu, Member - Manny Amorelli, Alternate

Friant Water Authority

Wilson Orvis, Alternate for Jason Phillips

Authority Representatives Present

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

1. **Call to Order/Roll Call**

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

2. **Opportunity for Public Comment**

None.

3. **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 December 14, 2021 through January 13, 2022 Pursuant to Brown Act Provisions.

General Counsel Rebecca Akroyd reported that because the Authority's Water Resources Committee and Finance & Administration Committee have meetings scheduled for January 10, 2022, and the Board of Directors meeting is scheduled for January 13, 2022, 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.

Director Rick Gilmore made the motion, seconded by Director William Bourdeau, for the Board to adopt the 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 December 14, 2021 through January 13, 2022 Pursuant to Brown Act Provisions. The vote on the motion was as follows:

AYES:	Lucchesi, Hansen, Gilmore, Bourdeau, Azhderian, White, Michael, Wehr, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

4. Review Proposed FY23 O&M and Activity Budgets

Executive Director Federico Barajas reviewed the process of developing the proposed FY23 O&M and Activity budgets. Barajas discussed comparisons between the FY22 and proposed FY23 budgets. Barajas reported that the O&M budget has been approved by the O&M and Finance & Administration Committees, and it will be presented to the Board next month. Barajas reported that the Activity Agreement Budget will go to Water Resources Committee in January, and the Board in February.

Chief Operating Officer Pablo Arroyave then reviewed the proposed FY23 O&M budget in detail. Arroyave reported that the proposed FY23 O&M Budget, in total, is $28,543,128. Arroyave reported that in comparison to the FY22 budget of $28,451,353, this is an overall increase of 0.32%. The total proposed self-funded portion paid by the water users is $28,470,317, which is a 0.32% increase from the FY22 budget. The Routine Operations & Maintenance portion of the budget increased by 11.82%. Arroyave reported that the Extraordinary Operations & Maintenance (EO&M) portion of the budget increased by 39.12% and the Capital Improvement Projects (CIP-USBR Funded) decreased by 48.6%. Arroyave reported that this budget includes a 3% salary adjustment placeholder, but this is not consistent with the

current salary policies. Arroyave reported that the Authority salary policy provides for salary adjustments based on salary surveys every three years and in the in-between years based on the Consumer Price Index (CPI) for Pacific Cities (West with less than 2,500,000 Population). Arroyave reported that the current CPI for August-November averages 6.7%. Pablo reported that the Authority is proposing two new additional positions, an apprentice control operator and an apprentice plant mechanic. Staff answered questions posed by Board and Committee members.

Executive Director Federico Barajas presented the draft proposed FY23 Activity Agreement Budget focusing on the General Membership and Leg Ops funds. General Counsel Rebecca Akroyd reviewed the legal components of the proposed budget. Policy Director Scott Petersen discussed the technical and legislative advocacy components of the proposed budget. Barajas presented the summary sheet included in the packet. Barajas reported that the projected actuals will be updated before it is brought to the Board. General Counsel Rebecca Akroyd provided information on the Deputy General Counsel position. Akroyd reported that if the Authority fills the Deputy General Counsel position, some of the work currently performed by outside counsel could be performed "in house". Akroyd reported that some "Internal" matters in which the Deputy General Counsel would provide support include: (1) California Public Records Act requests, (2) Ralph M. Brown Act compliance, (3) drafting Board resolutions and other documents for Board and committee meetings, (4) contract/agreement drafting and review, and (5) Activity Agreement support. Some of the "external" areas where the Deputy General Counsel would support the General Counsel include: (1) administrative/regulatory actions proposed by federal or state agencies, (2) questions posed by Board and Committee members, (3) quasi-adjudicatory proceedings before state agencies, and (4) transactions between the Water Authority and federal, state, and local agencies. Staff answered questions posed by Board and Committee members.

5. Review Preliminary Illustrative WY22 O&M Rates

Finance Director Joyce Machado reviewed the preliminary illustrative WY22 O&M rates, which are based on a 0% Ag allocation using the same estimated deliveries that were used in the approved current rates. Machado reviewed the impact to rates from 5%-3% salary increase. Staff answered questions posed by Board and Committee members.

6. Executive Director's Report.

Executive Director Federico Barajas reported that the San Luis Transmission Project package will be presented to the Board in February for action.

7. Agenda Items 7-8: Closed Session Report.

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 2:37 p.m. Upon return to open session at approximately 3:28 p.m., General Counsel Rebecca Akroyd stated that no reportable actions were taken.

8. **Agenda Item 9: Reports Pursuant to Government Code Section 54954.2 (a) (3)**

   No reports.

9. **Agenda Item 10: Adjournment.**

   The meeting was adjourned at approximately 3:29 p.m.

MEMO

TO: Board of Directors

FROM: Darlene Neves, Supervisor of Operational Accounting
Joyce Machado, Director of Finance

SUBJECT: January 2022 BOD Meeting Report - Finance
Fiscal Year - March 1, 2021 through February 28, 2022

DATE: January 13, 2022

Attached are the Financial & Expenditures Reports.

San Luis & Delta-Mendota Water Authority

Receivable Activity Report (Does Not Include Water Payment Transactions)

Month Ending November 30, 2021

	MEMBERS	OTHER	TOTAL RECEIVABLE
RECEIVABLE BALANCE October 31, 2021	**$ 1,240,136.85**	**$ 9,478,225.33**	**$ 10,718,362.18**
Billings:			
Cobra - Various Employees		4,080.92	**4,080.92**
Milepost - Various Districts		3,333.96	**3,333.96**
Membership - FY22 2nd Installment	-1,379.67		**-1,379.67**
Membership - FY22 1st Installment	-1,379.67		**-1,379.67**
Membership - FY21 1st Installment	-1,455.34		**-1,455.34**
Long-Term North to South Transfer Costs - Various Districts		66,752.04	**66,752.04**
Los Vasqueros Reservoir Expansion Project - Various Districts		241,244.21	**241,244.21**
NOD Water Transfers - Various Districts		3,089,056.37	**3,089,056.37**
San Joaquin Valley Drainage Authority		5,367.80	**5,367.80**
SGMA Grant - West Stanislaus ID		39,075.23	**39,075.23**
State Water Contractors - Delta Fallowing Pilot Program		3,850.63	**3,850.63**
Volta Wells PG&E Costs - Various Districts		47,444.95	**47,444.95**
TOTAL BILLINGS	**$ (4,214.68)**	**$ 3,500,206.11**	**$ 3,495,991.43**
Collections:			
Cobra - Various Employees		5,117.14	**5,117.14**
FWA - JPP Unit Rewinds		701,918.68	**701,918.68**
Milepost - Various Districts		4,465.50	**4,465.50**
Membership - FY22 2nd Installment	305,174.42		**305,174.42**
Long-Term North to South Transfer Costs - Various Districts		61,589.87	**61,589.87**
NOD Water Transfers - Various Districts		7,282,804.82	**7,282,804.82**
SGMA Grant - West Stanislaus ID		39,075.23	**39,075.23**
Volta Wells Groundwater - Various Districts		13,447.62	**13,447.62**
TOTAL COLLECTIONS	**$ 305,174.42**	**$ 8,108,418.86**	**$ 8,413,593.28**
RECEIVABLE BALANCE November 30, 2021	**$ 930,747.75**	**$ 4,870,012.58**	**$ 5,800,760.33**

San Luis & Delta-Mendota Water Authority
SLDMWA
A/R Aging Summary-Sorted by Category
As of November 30, 2021

ID	Customer	Current Open Balance	(30) pen Balance	(60) pen Balance	(90) Open Balance	(>90) Open Balance	Category	Total Open Balance	
FTLAND-MEMB	FTLAND-MEMB FT Lar	$0.00	$0.00	$0.00	$0.00	$522.50	MEMBERSHIF	$522.50	
OTTE	OTTE Paul Otten	$0.00	$0.00	$0.00	$0.00	$85.69	MEMBERSHIF	$85.69	
PDD-MEMB	PDD-MEMB Panoche D	$0.00	$0.00	$0.00	$380,992.66	$0.00	MEMBERSHIF	$380,992.66	
PERE M	PERE M Madeline Pere	$0.00	$0.00	$0.00	$0.00	($1.00)	MEMBERSHIF	($1.00)	
PERR AMK	PERR AMK AMK Pereii	$0.00	$0.00	$0.00	$0.00	($1.00)	MEMBERSHIF	($1.00)	
PWD-MEMB	PWD-MEMB Pacheco \	$0.00	$0.00	$0.00	$39,535.16	$0.00	MEMBERSHIF	$39,535.16	
WWD-MEMB	WWD-MEMB Westland	$0.00	$0.00	$0.00	$509,686.74	($73.00)	MEMBERSHIF	$509,613.74	$930,747.75
[redacted]		$0.00	$1,036.21	$0.00	$0.00	$0.00	MISC	$1,036.21	
		$0.00	$918.60	$0.00	$0.00	$0.00	MISC	$918.60	
DPWD-MISC	DPWD-MISC Del Puert	$23,722.48	$0.00	$0.00	$0.00	$0.00	MISC	$23,722.48	
EFWD-MISC	EFWD-MISC Eagle Fiel	$8,955.55	$0.00	$0.00	$0.00	$0.00	MISC	$8,955.55	
FWA	FWA Friant Water Auth	$0.00	$0.00	$0.00	$0.00	$1,487,685.00	MISC	$1,487,685.00	
[redacted]		$0.00	$1,087.47	$2.42	$0.00	$0.00	MISC	$1,089.89	
MSWD-MISC	MSWD-MISC Mercy Sp	$5,581.71	$0.00	$0.00	$0.00	$0.00	MISC	$5,581.71	
PANOCHE-MISC	PANOCHE-MISC Pano	$181,372.66	$0.00	$0.00	$0.00	$0.00	MISC	$181,372.66	
PWD-MISC	PWD-MISC Pacheco W	$19,451.55	$0.00	$0.00	$0.00	$0.00	MISC	$19,451.55	
SBCWD-MISC	SBCWD-MISC San Ber	$29,383.00	$0.00	$0.00	$0.00	$0.00	MISC	$29,383.00	
SJVDA	SJVDA San Joaquin Va	$5,367.80	$0.00	$0.00	$0.00	$0.00	MISC	$5,367.80	
SLWD-MISC	SLWD-MISC San Luis \	$251,610.29	$0.00	$0.00	$0.00	$0.00	MISC	$251,610.29	
SWC	SWC State Water Cont	$3,850.63	$0.00	$0.00	$0.00	$604.37	MISC	$4,455.00	
TRACY-MISC	TRACY-MISC City of Tr	$241,244.21	$0.00	$0.00	$0.00	$0.00	MISC	$241,244.21	
VALLEY-MISC	VALLEY-MISC Valley W	$83.20	$0.00	$0.00	$0.00	$0.00	MISC	$83.20	
WWD-MISC	WWD-MISC Westlands	$2,608,055.43	$0.00	$0.00	$0.00	$0.00	MISC	$2,608,055.43	$4,870,012.58
Total		**$3,378,678.51**	**$3,042.28**	**$2.42**	**$930,214.56**	**$1,488,822.56**		**$5,800,760.33**	

San Luis & Delta-Mendota Water Authority
Cash Activity Detail Report - Operational
For Month Ending November 30, 2021

	Daily Interest Rates:		0.00%	0.00%	0.20%	0.20%	ST 0.13% MT 0.36%	0.20%		
	Type of Account:	Cash	CVCB	CVCB	CVCB	CVCB	Cal Trust	LAIF	Petty	
	Account #:	on Hand	Checking 0471	Payroll 0489	Transactional 0463	Muni 4858	25-10 Short/Medium Term	4-006	Cash	Total
	Cash Balance as of 10/31/2021	0.00	(4,937,282.01)	5,000.00	20,319,277.99	1,520,328.12	27,151,907.75	12,541,809.56	1,000.00	56,602,041.41
Date	**Receipts - Remote Deposit**									
11/01/21	Deposit	0.00	0.00	0.00	760,036.58	0.00	0.00	0.00	0.00	760,036.58
11/04/21	Deposit	0.00	0.00	0.00	7,438.90	0.00	0.00	0.00	0.00	7,438.90
11/08/21	Deposit	0.00	0.00	0.00	582,341.53	0.00	0.00	0.00	0.00	582,341.53
11/09/21	Deposit	0.00	0.00	0.00	582,234.69	0.00	0.00	0.00	0.00	582,234.69
11/15/21	Deposit	0.00	0.00	0.00	241,902.16	0.00	0.00	0.00	0.00	241,902.16
11/17/21	Deposit	0.00	0.00	0.00	616,152.94	0.00	0.00	0.00	0.00	616,152.94
11/22/21	Deposit	0.00	0.00	0.00	342,578.60	0.00	0.00	0.00	0.00	342,578.60
11/24/21	Deposit	0.00	0.00	0.00	21,758.58	0.00	0.00	0.00	0.00	21,758.58
11/29/21	Deposit	0.00	0.00	0.00	21,786.18	0.00	0.00	0.00	0.00	21,786.18
		0.00	0.00	0.00	3,176,230.16	0.00	0.00	0.00	0.00	3,176,230.16
Date	**Receipts - Wires & ACH**									
11/08/21	BBID-O&M	0.00	0.00	0.00	9,516.88	0.00	0.00	0.00	0.00	9,516.88
11/10/21	Panoche DD-FY22 2nd installment	0.00	0.00	0.00	95,248.17	0.00	0.00	0.00	0.00	95,248.17
11/10/21	WWD-NOD Water Transfer	0.00	0.00	0.00	6,145,959.00	0.00	0.00	0.00	0.00	6,145,959.00
11/10/21	Panoche WD-NOD Water Transfer	0.00	0.00	0.00	427,427.81	0.00	0.00	0.00	0.00	427,427.81
11/12/21	SBCWD-NOD Water Transfer	0.00	0.00	0.00	61,321.20	0.00	0.00	0.00	0.00	61,321.20
11/15/21	WWD-O&M	0.00	0.00	0.00	394,474.33	0.00	0.00	0.00	0.00	394,474.33
11/17/21	FWA-O&M	0.00	0.00	0.00	213,228.95	0.00	0.00	0.00	0.00	213,228.95
11/23/21	Panoche WD-NOD Water Transfer	0.00	0.00	0.00	3,573.71	0.00	0.00	0.00	0.00	3,573.71
11/26/21	BBID-O&M	0.00	0.00	0.00	4,219.24	0.00	0.00	0.00	0.00	4,219.24
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	7,354,969.29	0.00	0.00	0.00	0.00	7,354,969.29
Date	**To/From Operational / DHCCP**									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Date	**To/From Grant Funds-Trans**									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Date	**Checks Written**									
11/02/21	Void check # 34505	0.00	5,039.59	0.00	0.00	0.00	0.00	0.00	0.00	5,039.59
11/03/21	Accounts Payable	0.00	(1,764,611.58)	0.00	0.00	0.00	0.00	0.00	0.00	(1,764,611.58)
11/08/21	Accounts Payable	0.00	(8,411,053.99)	0.00	0.00	0.00	0.00	0.00	0.00	(8,411,053.99)
11/17/21	Accounts Payable	0.00	(4,230,021.94)	0.00	0.00	0.00	0.00	0.00	0.00	(4,230,021.94)
11/22/21	Accounts Payable	0.00	(20,731.22)	0.00	0.00	0.00	0.00	0.00	0.00	(20,731.22)
		0.00	(14,421,379.14)	0.00	0.00	0.00	0.00	0.00	0.00	(14,421,379.14)
Date	**ACH Payments**									
11/05/21	EE Assoc 10/16-10/29/21	0.00	(425.00)	0.00	0.00	0.00	0.00	0.00	0.00	(425.00)
11/05/21	ICMA 10/16-10/29/21	0.00	(77,966.65)	0.00	0.00	0.00	0.00	0.00	0.00	(77,966.65)
11/10/21	Visa Payment	0.00	(15,097.08)	0.00	0.00	0.00	0.00	0.00	0.00	(15,097.08)
11/19/21	ICMA 10/30-11/12/21	0.00	(78,536.45)	0.00	0.00	0.00	0.00	0.00	0.00	(78,536.45)
11/19/21	EE Assoc 10/30-11/12/21	0.00	(435.00)	0.00	0.00	0.00	0.00	0.00	0.00	(435.00)
		0.00	(172,460.18)	0.00	0.00	0.00	0.00	0.00	0.00	(172,460.18)
Date	**Transfers**									
11/03/21	Funding for Ceridian wire fees	0.00	0.00	105.00	(105.00)	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	105.00	(105.00)	0.00	0.00	0.00	0.00	0.00

San Luis & Delta-Mendota Water Authority
Cash Activity Detail Report - Operational
For Month Ending November 30, 2021

	Daily Interest Rates:		0.00%	0.00%	0.20%	0.20%	ST 0.13% MT 0.36%	0.20%		
	Type of Account:	Cash	CVCB	CVCB	CVCB	CVCB	Cal Trust	LAIF	Petty	
	Account #:	on Hand	Checking 0471	Payroll 0489	Transactional 0463	Muni 4858	25-10 Short/Medium Term	4-006	Cash	Total
	Cash Balance as of 10/31/2021	0.00	(4,937,282.01)	5,000.00	20,319,277.99	1,520,328.12	27,151,907.75	12,541,809.56	1,000.00	56,602,041.41
Date	**Wire Payments**									
11/03/21	Ceridian-Funding for 11/3/21 PR, Tax	0.00	0.00	0.00	(319,985.35)	0.00	0.00	0.00	0.00	(319,985.35)
11/03/21	Ceridian Fees	0.00	0.00	(105.00)	0.00	0.00	0.00	0.00	0.00	(105.00)
11/10/21	Shepherd OU-Implementation & License	0.00	0.00	0.00	(1,803.75)	0.00	0.00	0.00	0.00	(1,803.75)
11/10/21	Stoel Rives LLP-Legal Services	0.00	0.00	0.00	(7,896.40)	0.00	0.00	0.00	0.00	(7,896.40)
11/17/21	Ceridian-Funding for 11/17/21 PR, Tax	0.00	0.00	0.00	(334,204.25)	0.00	0.00	0.00	0.00	(334,204.25)
		0.00	0.00	(105.00)	(663,889.75)	0.00	0.00	0.00	0.00	(663,994.75)
Date	**CVCB Sweep Checking/Trans Muni**									
11/01/21	Sweep from Transactional Account	0.00	51,082.49	0.00	(51,082.49)	0.00	0.00	0.00	0.00	0.00
11/02/21	Sweep from Transactional Account	0.00	4,668.88	0.00	(4,668.88)	0.00	0.00	0.00	0.00	0.00
11/03/21	Sweep from Transactional Account	0.00	115,507.63	0.00	(115,507.63)	0.00	0.00	0.00	0.00	0.00
11/04/21	Sweep from Transactional Account	0.00	20,195.88	0.00	(20,195.88)	0.00	0.00	0.00	0.00	0.00
11/05/21	Sweep from Transactional Account	0.00	159,038.00	0.00	(159,038.00)	0.00	0.00	0.00	0.00	0.00
11/08/21	Sweep from Transactional Account	0.00	23,461.46	0.00	(23,461.46)	0.00	0.00	0.00	0.00	0.00
11/09/21	Sweep from Transactional Account	0.00	703,654.88	0.00	(703,654.88)	0.00	0.00	0.00	0.00	0.00
11/10/21	Sweep from Transactional Account	0.00	11,817.64	0.00	(11,817.64)	0.00	0.00	0.00	0.00	0.00
11/12/21	Sweep from Transactional Account	0.00	72,483.22	0.00	(72,483.22)	0.00	0.00	0.00	0.00	0.00
11/15/21	Sweep from Transactional Account	0.00	6,351,530.30	0.00	(6,351,530.30)	0.00	0.00	0.00	0.00	0.00
11/16/21	Sweep from Transactional Account	0.00	2,226,095.21	0.00	(2,226,095.21)	0.00	0.00	0.00	0.00	0.00
11/17/21	Sweep from Transactional Account	0.00	4,240,344.59	0.00	(4,240,344.59)	0.00	0.00	0.00	0.00	0.00
11/18/21	Sweep from Transactional Account	0.00	232,926.94	0.00	(232,926.94)	0.00	0.00	0.00	0.00	0.00
11/19/21	Sweep from Transactional Account	0.00	943,721.63	0.00	(943,721.63)	0.00	0.00	0.00	0.00	0.00
11/22/21	Sweep from Transactional Account	0.00	118,309.08	0.00	(118,309.08)	0.00	0.00	0.00	0.00	0.00
11/23/21	Sweep from Transactional Account	0.00	1,274,622.92	0.00	(1,274,622.92)	0.00	0.00	0.00	0.00	0.00
11/24/21	Sweep from Transactional Account	0.00	5,732.69	0.00	(5,732.69)	0.00	0.00	0.00	0.00	0.00
11/26/21	Sweep from Transactional Account	0.00	23,309.07	0.00	(23,309.07)	0.00	0.00	0.00	0.00	0.00
11/29/21	Sweep from Transactional Account	0.00	40,622.77	0.00	(40,622.77)	0.00	0.00	0.00	0.00	0.00
11/30/21	Sweep from Transactional Account	0.00	8,150.22	0.00	(8,150.22)	0.00	0.00	0.00	0.00	0.00
		0.00	16,627,275.50	0.00	(16,627,275.50)	0.00	0.00	0.00	0.00	0.00
Date	**Bank Fee/Bank Error/Adjustments**									
11/04/21	Change in Share Price	0.00	0.00	0.00	0.00	0.00	13,854.24	0.00	0.00	13,854.24
11/08/21	Incoming Wire Fees	0.00	0.00	0.00	(20.00)	0.00	0.00	0.00	0.00	(20.00)
11/10/21	Incoming Wire Fees	0.00	0.00	0.00	(60.00)	0.00	0.00	0.00	0.00	(60.00)
11/12/21	Incoming Wire Fees	0.00	0.00	0.00	(20.00)	0.00	0.00	0.00	0.00	(20.00)
11/12/21	Change in Share Price	0.00	0.00	0.00	0.00	0.00	(27,708.48)	0.00	0.00	(27,708.48)
11/15/21	Service Charge	0.00	(5.54)	0.00	0.00	0.00	0.00	0.00	0.00	(5.54)
11/15/21	Incoming Wire Fees	0.00	0.00	0.00	(20.00)	0.00	0.00	0.00	0.00	(20.00)
11/17/21	Incoming Wire Fees	0.00	0.00	0.00	(20.00)	0.00	0.00	0.00	0.00	(20.00)
11/23/21	Incoming Wire Fees	0.00	0.00	0.00	(20.00)	0.00	0.00	0.00	0.00	(20.00)
11/24/21	Change in Share Price	0.00	0.00	0.00	0.00	0.00	(13,854.25)	0.00	0.00	(13,854.25)
11/26/21	Incoming Wire Fees	0.00	0.00	0.00	(20.00)	0.00	0.00	0.00	0.00	(20.00)
11/26/21	Change in Share Price	0.00	0.00	0.00	0.00	0.00	13,854.25	0.00	0.00	13,854.25
		0.00	(5.54)	0.00	(180.00)	0.00	(13,854.24)	0.00	0.00	(14,039.78)
Date	**Interest Earned**									
11/30/21	Interest Earned	0.00	0.00	0.00	3,073.79	249.91	6,106.75	0.00	0.00	9,430.45
		0.00	0.00	0.00	3,073.79	249.91	6,106.75	0.00	0.00	9,430.45
	Cash Balance as of 11/30/21	0.00	(2,903,851.37)	5,000.00	13,562,100.98	1,520,578.03	27,144,160.26	12,541,809.56	1,000.00	51,870,797.46

Note: Daily Interest Rates are through 11/30/21

Percentage in Investment Accounts	4%	66%	30%
Target Percentage in Investment Accounts	10%	75%	15%

San Luis & Delta-Mendota Water Authority
Grant and USBR Funds Cash Activity Detail Report
For Month Ending November 30, 2021

	Non-Interest Bearing Account Account #:	CVCB Checking Grants 8778	CVCB Checking USBR Rewind 8751	CVCB Checking IRWM P1R1 0659	Total
	Cash Balance as of 10/31/2021	900,019.20	0.00	7,808.05	907,827.25
Date	**Receipts - Remote Deposit**	.			
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**Receipts - Wires & ACH**				
11/12/21	WSID-SGMA Grant-Invoice 11A & 11B	19,309.73	0.00	0.00	0.00
11/23/21	WSID-SGMA Grant-Invoice Retention Set 2	19,765.50	0.00	0.00	0.00
		39,075.23	0.00	0.00	39,075.23
Date	**Checks Written**				
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**Wires In from**				
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**Transfers From**				
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**Transfers Out - To Transactional Acct**				
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**Bank Fee/Bank Error/Adjustments**				
11/12/21	Service Charge Reversal (10/29/21)	0.00	0.00	0.30	0.30
		0.00	0.00	0.00	0.00
		0.00	0.00	0.30	0.30
	Cash Balance as of 11/30/21	939,094.43	0.00	7,808.35	946,902.78

CC: DN, JM

San Luis & Delta-Mendota Water Authority
Cash Activity Detail Report - JPP Unit Rewinds Bond 2021A
For Month Ending November 30, 2021

	Account Information:	CVCB Bond 2021A	Cal Trust Bond 2021A	US Bank Bond 2021A	Total
	Cash Balance as of 10/31/2021	34.30	7,409,799.42	452,718.30	7,862,552.02
Date	**Payment Receipts**				
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**To/From CAR - Operational**				
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**Incoming / Outgoing Funds**				
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00
Date	**Interest Earned / Adjustments**				
11/01/21	Interest Earned	0.00	0.00	1.96	1.96
		0.00	0.00	0.00	0.00
		0.00	0.00	1.96	0.00
	Cash Balance as of 11/30/21	34.30	7,409,799.42	452,720.26	7,862,552.02

San Luis & Delta-Mendota Water Authority
SLDMWA
A/P Register
November 1, 2021 - November 30, 2021

Account	Type	Date	Document	Vendor	Paid
ACCOUNTS PAYABLE					
		11/2/2021	34505	VOID	($5,039.59)
	Vendor Bill Payment	11/3/2021	35012	1043 ACWA JPIA - Conference, Agency Dues	$925.00
	Vendor Bill Payment	11/3/2021	35013	25575 AFFIRMA CONSULTING LLC	$4,660.00
	Vendor Bill Payment	11/3/2021	35014	1141 AFLAC	$704.31
	Vendor Bill Payment	11/3/2021	35015	1169 ALL INDUSTRIAL ELECTRIC SUPPLY, IN	$1,216.70
	Vendor Bill Payment	11/3/2021	35016	5503 ARCTIC GLACIER INC. / LOS BANOS 961	$214.20
	Vendor Bill Payment	11/3/2021	35017	1268 AT&T 831-001-0165 694	$2,237.32
	Vendor Bill Payment	11/3/2021	35018	1267 AT&T 831-001-0165 911	$2,030.37
	Vendor Bill Payment	11/3/2021	35019	1269 AT&T 831-001-0448 912	$1,079.00
	Vendor Bill Payment	11/3/2021	35020	1224 AT&T MOBILITY 287262155504	$665.18
	Vendor Bill Payment	11/3/2021	35021	1251 AT&T MOBILITY 287287411139	$88.26
	Vendor Bill Payment	11/3/2021	35022	25535 BRAND SCAFFOLD SERVICES, INC.	$968.67
	Vendor Bill Payment	11/3/2021	35023	1677 BURLINGTON SAFETY LABORATORY IN	$853.42
	Vendor Bill Payment	11/3/2021	35024	2449 CALIFORNIA SPECIAL DISTRICTS ASSC	$1,750.00
	Vendor Bill Payment	11/3/2021	35025	25568 CALIFORNIA STRATEGIES & ADVOCAC	$15,000.00
	Vendor Bill Payment	11/3/2021	35026	2362 CALTRONICS BUSINESS SYSTEMS	$271.82
	Vendor Bill Payment	11/3/2021	35027	2407 CDM SMITH INC.	$20,670.51
	Vendor Bill Payment	11/3/2021	35028	2250 CDW GOVERNMENT	$740.00
	Vendor Bill Payment	11/3/2021	35029	2336 CURES	$3,200.00
	Vendor Bill Payment	11/3/2021	35030	3037 E&M ELECTRIC & MACHINERY, INC.	$2,690.00
	Vendor Bill Payment	11/3/2021	35031	3074 EMS SAFETY SERVICES INC./HSI, HEAL	$1,154.07
	Vendor Bill Payment	11/3/2021	35032	3085 ERIKS NORTH AMERICA INC.	$698.64
	Vendor Bill Payment	11/3/2021	35033	3610 FASTRAK	$6.00
	Vendor Bill Payment	11/3/2021	35034	3604 FIRESTONE COMPLETE AUTO CARE	$572.58
	Vendor Bill Payment	11/3/2021	35035	12019 GRAINGER INC.	$4,151.39
	Vendor Bill Payment	11/3/2021	35036	4531 HIXCO	$936.53
	Vendor Bill Payment	11/3/2021	35037	4500 HOLT OF CALIFORNIA	$188.53
	Vendor Bill Payment	11/3/2021	35038	4605 HOMEWOOD SUITES	$649.85
	Vendor Bill Payment	11/3/2021	35039	1661 JACK BABER	$42,952.50
	Vendor Bill Payment	11/3/2021	35040	EMPLOYEE	$190.09
	Vendor Bill Payment	11/3/2021	35041	25574 JG NURSERIES, LLC	$236.25
	Vendor Bill Payment	11/3/2021	35042	6049 KAHN, SOARES & CONWAY, LLP	$206.98
	Vendor Bill Payment	11/3/2021	35043	EMPLOYEE	$110.00
	Vendor Bill Payment	11/3/2021	35044	6081 KINGS RIVER WATER QUALITY COALITI	$3,657.69
	Vendor Bill Payment	11/3/2021	35045	25538 KINGSBURY, INC.	$78,735.48
	Vendor Bill Payment	11/3/2021	35046	6804 LAND IQ, LLC	$3,410.00
	Vendor Bill Payment	11/3/2021	35047	25518 LOS BANOS PROPERTY MANAGEMEN	$14,960.00
	Vendor Bill Payment	11/3/2021	35048	7008 MARFAB INC.	$73.67
	Vendor Bill Payment	11/3/2021	35049	10262 MATRIX SCIENCES INTERNATIONAL IN	$6,863.50
	Vendor Bill Payment	11/3/2021	35050	7030 MCMASTER-CARR	$1,993.61
	Vendor Bill Payment	11/3/2021	35051	7009 MERCED COUNTY REG. WASTE MGMT	$127.00
	Vendor Bill Payment	11/3/2021	35052	5555 MLJ ENVIRONMENTAL	$4,722.50
	Vendor Bill Payment	11/3/2021	35053	7556 N&S TRACTOR - DOS PALOS & MERCEI	$488.26
	Vendor Bill Payment	11/3/2021	35054	7570 NAPA AUTO PARTS-LOS BANOS / 15111	$203.60
	Vendor Bill Payment	11/3/2021	35055	7529 NEW YORK LIFE INSURANCE	$612.35
	Vendor Bill Payment	11/3/2021	35056	25547 O'REILLY / LOS BANOS 1068974	$636.69
	Vendor Bill Payment	11/3/2021	35057	8055 O'REILLY / TRACY 2347935	$362.26
	Vendor Bill Payment	11/3/2021	35058	8064 OCCU-MED, LTD.	$338.75
	Vendor Bill Payment	11/3/2021	35059	8595 PACIFIC ECO-RISK LAB. INC.	$12,034.35
	Vendor Bill Payment	11/3/2021	35060	25529 PG&E 0664015301-8	$26,895.24
	Vendor Bill Payment	11/3/2021	35061	25531 PG&E 2125628853-7	$87.47
	Vendor Bill Payment	11/3/2021	35062	25530 PG&E 8833159983-2	$691.28
	Vendor Bill Payment	11/3/2021	35063	15074 PLATT	$666.61
	Vendor Bill Payment	11/3/2021	35064	15031 PLEASANT GROVE-VERONA MWC	$10,413.00

Vendor Bill Payment	11/3/2021	35065	15015 PRINCIPAL LIFE INSURANCE COMPAN	$4,699.71
Vendor Bill Payment	11/3/2021	35066	2443 QUALITY INN SANTA NELLA	$206.80
Vendor Bill Payment	11/3/2021	35067	8612 QUINCY COMPRESSOR LLC	$3,498.22
Vendor Bill Payment	11/3/2021	35068	9579 RAMOS OIL CO. INC	$4,997.93
Vendor Bill Payment	11/3/2021	35069	9545 RECLAMATION DISTRICT #1004	$827,448.00
Vendor Bill Payment	11/3/2021	35070	6805 RELX INC. DBA LEXISNEXIS	$192.00
Vendor Bill Payment	11/3/2021	35071	9620 RESA POWER, LLC	$2,646.87
Vendor Bill Payment	11/3/2021	35072	9599 RIVER GARDEN FARMS	$583,740.00
Vendor Bill Payment	11/3/2021	35073	EMPLOYEE	$190.11
Vendor Bill Payment	11/3/2021	35074	10066 SAFE-T-LITE OF MODESTO, INC.	$53.00
Vendor Bill Payment	11/3/2021	35075	10011 SAFEGUARD BUSINESS SYSTEMS INC	$769.38
Vendor Bill Payment	11/3/2021	35076	10245 SCHWEITZER ENGINEERING LABORA	$2,550.00
Vendor Bill Payment	11/3/2021	35077	10002 SORENSEN'S ACE HARDWARE	$28.89
Vendor Bill Payment	11/3/2021	35078	10069 SUMMERS ENGINEERING, INC.	$42,493.29
Vendor Bill Payment	11/3/2021	35079	10644 TF TIRE & SERVICE	$2,211.19
Vendor Bill Payment	11/3/2021	35080	10527 TRACY CHEVROLET	$380.61
Vendor Bill Payment	11/3/2021	35081	4123 GILL MOTORS TRACY INC./TRACY CHR	$374.46
Vendor Bill Payment	11/3/2021	35082	10580 TRIANGLE ROCK PRODUCTS, LLC.	$1,627.67
Vendor Bill Payment	11/3/2021	35083	10601 TURLOCK IRRIGATION DISTRICT	$96.37
Vendor Bill Payment	11/3/2021	35084	11042 ULINE	$34.34
Vendor Bill Payment	11/3/2021	35085	11552 VERIZON WIRELESS	$555.06
Vendor Bill Payment	11/3/2021	35086	3028 W.A.E.A.	$1,500.00
Vendor Bill Payment	11/3/2021	35087	12116 WALMART	$297.88
Vendor Bill Payment	11/3/2021	35088	12111 WARDEN'S	$1,555.41
Vendor Bill Payment	11/3/2021	35089	12091 WHITE CAP, L.P.	$18.72
Vendor Bill Payment	11/3/2021	35090	12057 WINDECKER. INC.	$2,454.19
ACH	11/5/2021	40153	25536 SLDMWA EE ASSOCIATION	$425.00
ACH	11/5/2021	40154	5004 ICMA RETIREMENT TRUST	$77,966.65
Vendor Bill Payment	11/8/2021	35091	25578 ANGIOLA WATER DISTRICT	$5,746.71
Vendor Bill Payment	11/8/2021	35092	1671 BAKER MANOCK & JENSEN	$13,489.50
Vendor Bill Payment	11/8/2021	35093	1603 BANTA-CARBONA IRRIGATION	$24,842.68
Vendor Bill Payment	11/8/2021	35094	8516 BYRON-BETHANY IRRIGATION DISTRIC	$12,867.01
Vendor Bill Payment	11/8/2021	35095	2332 CALIFORNIA FARM WATER COALITION	$14,166.66
Vendor Bill Payment	11/8/2021	35096	2420 CALIFORNIA STATE DISBURSEMENT UI	$105.23
Vendor Bill Payment	11/8/2021	35097	GARNISHMENT	$529.85
Vendor Bill Payment	11/8/2021	35098	2282 CITY OF AVENAL	$3,629.49
Vendor Bill Payment	11/8/2021	35099	2355 CITY OF COALINGA	$19,097.74
Vendor Bill Payment	11/8/2021	35100	2354 CITY OF DOS PALOS	$1,260.18
Vendor Bill Payment	11/8/2021	35101	2353 CITY OF HURON	$397.72
Vendor Bill Payment	11/8/2021	35102	2352 CITY OF TRACY	$11,737.55
Vendor Bill Payment	11/8/2021	35103	2317 COELHO TRUST	$804.75
Vendor Bill Payment	11/8/2021	35104	2361 CONAWAY PRESERVATION GROUP, LL	$548,032.50
Vendor Bill Payment	11/8/2021	35105	2386 COTCHETT, PITRE & MCCARTHY, LLP	$30,970.20
Vendor Bill Payment	11/8/2021	35106	2580 DEL PUERTO WATER DISTRICT	$171,432.61
Vendor Bill Payment	11/8/2021	35107	2611 DIEPENBROCK ELKIN	$3,398.71
Vendor Bill Payment	11/8/2021	35108	3061 EAGLE FIELD WATER DISTRICT	$4,824.86
Vendor Bill Payment	11/8/2021	35109	3086 EKI ENVIRONMENT & WATER, INC.	$10,793.64
Vendor Bill Payment	11/8/2021	35110	3597 FOLEY & LARDNER LLP	$32,000.00
Vendor Bill Payment	11/8/2021	35111	4610 H.T. HARVEY & ASSOCIATES	$3,364.00
Vendor Bill Payment	11/8/2021	35112	4625 HENLE FAMILY LIMITED PARTNERSHIP	$868.60
Vendor Bill Payment	11/8/2021	35113	5041 INTRADO ENTERPRISE COLLABORATIC	$95.61
Vendor Bill Payment	11/8/2021	35114	5539 JAMES IRRIGATION DISTRICT	$33,395.40
Vendor Bill Payment	11/8/2021	35115	6049 KAHN, SOARES & CONWAY, LLP	$1,843.59
Vendor Bill Payment	11/8/2021	35116	6026 KRONICK MOSKOVITZ ET AL	$3,691.20
Vendor Bill Payment	11/8/2021	35117	10262 MATRIX SCIENCES INTERNATIONAL IN	$18,640.50
Vendor Bill Payment	11/8/2021	35118	7144 MERCY SPRINGS WATER DISTRICT	$690.69
Vendor Bill Payment	11/8/2021	35119	25544 MEYERS FARMS FAMILY TRUST	$3,109.00
Vendor Bill Payment	11/8/2021	35120	8072 OLD REPUBLIC TITLE COMPANY	$1,440,963.00
Vendor Bill Payment	11/8/2021	35121	8039 ORO LOMA WATER DISTRICT	$642.68
Vendor Bill Payment	11/8/2021	35122	8510 PACHECO WATER DISTRICT	$15,362.92
Vendor Bill Payment	11/8/2021	35123	8595 PACIFIC ECO-RISK LAB. INC.	$4,062.52
Vendor Bill Payment	11/8/2021	35124	8583 PANOCHE DRAINAGE DISTRICT	$7,122.61
Vendor Bill Payment	11/8/2021	35125	8506 PANOCHE WATER DISTRICT	$100,176.46

Vendor Bill Payment	11/8/2021	35126	8592 PATTERSON IRRIGATION DISTRICT	$3,510.30
Vendor Bill Payment	11/8/2021	35127	15054 PELGER ROAD 1700 LLC	$336,128.67
Vendor Bill Payment	11/8/2021	35128	15042 PIONEER LAW GROUP, LLP.	$59,635.00
Vendor Bill Payment	11/8/2021	35129	9580 RECLAMATION DISTRICT #1606	$683.44
Vendor Bill Payment	11/8/2021	35130	10211 SAN BENITO COUNTY WATER DISTRIC	$26,698.85
Vendor Bill Payment	11/8/2021	35131	10164 SAN JOAQUIN RIVER EXCHANGE CON	$7,437.44
Vendor Bill Payment	11/8/2021	35132	10001 SAN LUIS WATER DISTRICT	$267,640.89
Vendor Bill Payment	11/8/2021	35133	25590 STOCKTON EAST WATER DISTRICT	$3,000,000.00
Vendor Bill Payment	11/8/2021	35134	10329 SYCAMORE MUTUAL WATER COMPAN	$257,197.50
Vendor Bill Payment	11/8/2021	35135	12082 THE WEST SIDE IRRIGATION DISTRIC	$2,147.71
Vendor Bill Payment	11/8/2021	35136	10612 TRANQUILLITY IRRIGATION DISTRICT	$797.13
Vendor Bill Payment	11/8/2021	35137	10611 TRANQUILLITY PUBLIC UTILITY DISTRI	$16.08
Vendor Bill Payment	11/8/2021	35138	25585 TRIANGLE T WATER DISTRICT	$7,811.83
Vendor Bill Payment	11/8/2021	35139	10188 VALLEY WATER	$185,750.64
Vendor Bill Payment	11/8/2021	35140	12101 WEST STANISLAUS IRRIGATION DISTF	$23,217.87
Vendor Bill Payment	11/8/2021	35141	12003 WESTLANDS WATER DISTRICT	$1,680,875.86
Vendor Bill Payment	11/8/2021	35142	12096 WEX BANK	$646.68
Vendor Bill Payment	11/8/2021	35143	25575 AFFIRMA CONSULTING LLC	$4,065.00
Vendor Bill Payment	11/8/2021	35144	12019 GRAINGER INC.	$1,410.89
Vendor Bill Payment	11/8/2021	35145	5047 INDUSTRIAL SCIENTIFIC CORP.	$668.90
Vendor Bill Payment	11/8/2021	35146	15074 PLATT	$32.65
Vendor Bill Payment	11/8/2021	35147	11501 VAN'S ACE HARDWARE INC.	$62.09
Vendor Bill Payment	11/8/2021	35148	12111 WARDEN'S	$462.20
ACH	11/10/2021		VISA PAYMENT	$15,097.08
WIRE	11/10/2021	40155	10326 STOEL RIVES LLP	$7,896.40
WIRE	11/10/2021	40156	10327 SHEPHERD OU	$1,803.75
Vendor Bill Payment	11/17/2021	35149	EMPLOYEE	$275.00
Vendor Bill Payment	11/17/2021	35150	25523 ALHAMBRA / LBAO 9459657	$98.25
Vendor Bill Payment	11/17/2021	35151	25552 ALHAMBRA / SLDM PUMP 4914649	$402.84
Vendor Bill Payment	11/17/2021	35152	1169 ALL INDUSTRIAL ELECTRIC SUPPLY, IN	$1,515.32
Vendor Bill Payment	11/17/2021	35153	10196 AT&T LONG DISTANCE BAN:806492911	$195.99
Vendor Bill Payment	11/17/2021	35154	1671 BAKER MANOCK & JENSEN	$306.19
Vendor Bill Payment	11/17/2021	35155	EMPLOYEE	$200.00
Vendor Bill Payment	11/17/2021	35156	2407 CDM SMITH INC.	$60,875.65
Vendor Bill Payment	11/17/2021	35157	2250 CDW GOVERNMENT	$1,195.25
Vendor Bill Payment	11/17/2021	35158	2361 CONAWAY PRESERVATION GROUP, LL	$4,793.25
Vendor Bill Payment	11/17/2021	35159	PETTYCASH	$115.63
Vendor Bill Payment	11/17/2021	35160	2519 DELTA DISPOSAL SERVICE INC.	$712.44
Vendor Bill Payment	11/17/2021	35161	2637 DUNGAREES, LLC	$1,538.91
Vendor Bill Payment	11/17/2021	35162	3074 EMS SAFETY SERVICES INC./HSI, HEAL	$754.31
Vendor Bill Payment	11/17/2021	35163	3542 FGL ENVIRONMENTAL, INC.	$124.00
Vendor Bill Payment	11/17/2021	35164	4004 GILTON SOLID WASTE MANAGEMENT	$97.08
Vendor Bill Payment	11/17/2021	35165	4090 GLENN COLUSA IRRIGATION DISTRICT	$1,150,057.50
Vendor Bill Payment	11/17/2021	35166	12019 GRAINGER INC.	$45.16
Vendor Bill Payment	11/17/2021	35167	4633 HOIST & CRANE SERVICE, INC.	$5,039.59
Vendor Bill Payment	11/17/2021	35168	1661 JACK BABER	$1,453.00
Vendor Bill Payment	11/17/2021	35169	6049 KAHN, SOARES & CONWAY, LLP	$5,052.48
Vendor Bill Payment	11/17/2021	35170	25538 KINGSBURY, INC.	$37,697.00
Vendor Bill Payment	11/17/2021	35171	6026 KRONICK MOSKOVITZ ET AL	$92,130.33
Vendor Bill Payment	11/17/2021	35172	EMPLOYEE	$60.00
Vendor Bill Payment	11/17/2021	35173	6801 LUHDORFF & SCALMANINI	$2,320.00
Vendor Bill Payment	11/17/2021	35174	7009 MERCED COUNTY REG. WASTE MGMT	$64.98
Vendor Bill Payment	11/17/2021	35175	7027 MODESTO WELDING PRODUCTS INC.	$306.00
Vendor Bill Payment	11/17/2021	35176	7164 MOSAIC ASSOCIATES	$2,975.00
Vendor Bill Payment	11/17/2021	35177	7570 NAPA AUTO PARTS-LOS BANOS / 15111	$331.32
Vendor Bill Payment	11/17/2021	35178	7557 NAPA AUTO PARTS-TRACY / 04141	$96.87
Vendor Bill Payment	11/17/2021	35179	7520 NEWARK CORPORATION	$197.00
Vendor Bill Payment	11/17/2021	35180	25547 O'REILLY / LOS BANOS 1068974	$385.24
Vendor Bill Payment	11/17/2021	35181	8064 OCCU-MED, LTD.	$156.25
Vendor Bill Payment	11/17/2021	35182	15061 PRINCETON-CODORA-GLENN ID	$191,475.00
Vendor Bill Payment	11/17/2021	35183	15062 PROVIDENT IRRIGATION DISTRICT	$384,502.50
Vendor Bill Payment	11/17/2021	35184	15003 PROVOST & PRITCHARD CONSULTINC	$9,637.00
Vendor Bill Payment	11/17/2021	35185	15086 PYANGO LLC	$1,490.00

Vendor Bill Payment	11/17/2021	35186	9600 RECLAMATION DISTRICT #108	$2,255,265.00
Vendor Bill Payment	11/17/2021	35187	10325 SHRED-IT, C/O STERICYCLE, INC.	$890.26
Vendor Bill Payment	11/17/2021	35188	10116 STOCKTON PIPE & SUPPLY, INC.	$3,051.16
Vendor Bill Payment	11/17/2021	35189	4623 SUSAN HOOTKINS	$4,620.00
Vendor Bill Payment	11/17/2021	35190	10504 TEE-DEE-US AUTOMOTIVE LLC	$60.00
Vendor Bill Payment	11/17/2021	35191	6768 THE LITTLE FLOWER SHOP	$67.12
Vendor Bill Payment	11/17/2021	35192	11029 UNITED PARCEL SERVICE	$15.27
Vendor Bill Payment	11/17/2021	35193	12111 WARDEN'S	$1,446.92
Vendor Bill Payment	11/17/2021	35194	12057 WINDECKER. INC.	$3,939.73
Vendor Bill Payment	11/17/2021	35195	13600 ZOOM IMAGING SOLUTIONS INC.	$1,994.15
ACH	11/19/2021	40157	25536 SLDMWA EE ASSOCIATION	$435.00
ACH	11/19/2021	40158	5004 ICMA RETIREMENT TRUST	$78,536.45
Vendor Bill Payment	11/22/2021	35196	1096 A&A PORTABLES INC./UNITED SITE SE	$76.16
Vendor Bill Payment	11/22/2021	35197	1154 AIRGAS USA, LLC	$1,166.11
Vendor Bill Payment	11/22/2021	35198	10048 ALHAMBRA / LBFO 9459721	$92.76
Vendor Bill Payment	11/22/2021	35199	25551 ALHAMBRA / OPP 4945111	$40.89
Vendor Bill Payment	11/22/2021	35200	1169 ALL INDUSTRIAL ELECTRIC SUPPLY, IN	$2,880.44
Vendor Bill Payment	11/22/2021	35201	1652 BONANDER AUTO, TRUCK & TRAILER, I	$1,216.51
Vendor Bill Payment	11/22/2021	35202	15063-EMP BRUCE POWERS	$200.00
Vendor Bill Payment	11/22/2021	35203	2420 CALIFORNIA STATE DISBURSEMENT UI	$105.23
Vendor Bill Payment	11/22/2021	35204	GARNISHMENT	$529.85
Vendor Bill Payment	11/22/2021	35205	2105 COUNTY OF STANISLAUS / Fink Road La	$261.20
Vendor Bill Payment	11/22/2021	35206	2519 DELTA DISPOSAL SERVICE INC.	$2,444.20
Vendor Bill Payment	11/22/2021	35207	12019 GRAINGER INC.	$420.80
Vendor Bill Payment	11/22/2021	35208	4531 HIXCO	$1,285.84
Vendor Bill Payment	11/22/2021	35209	6775 LOS BANOS RENTAL YARD INC.	$294.60
Vendor Bill Payment	11/22/2021	35210	EMPLOYEE	$200.00
Vendor Bill Payment	11/22/2021	35211	7030 MCMASTER-CARR	$437.55
Vendor Bill Payment	11/22/2021	35212	7077 MODESTO STEEL INC.	$395.90
Vendor Bill Payment	11/22/2021	35213	7570 NAPA AUTO PARTS-LOS BANOS / 15111	$19.90
Vendor Bill Payment	11/22/2021	35214	7557 NAPA AUTO PARTS-TRACY / 04141	$163.28
Vendor Bill Payment	11/22/2021	35215	25547 O'REILLY / LOS BANOS 1068974	$72.86
Vendor Bill Payment	11/22/2021	35216	15074 PLATT	$566.65
Vendor Bill Payment	11/22/2021	35217	8612 QUINCY COMPRESSOR LLC	$1,281.87
Vendor Bill Payment	11/22/2021	35218	10129 SANTOS FORD INC.	$498.08
Vendor Bill Payment	11/22/2021	35219	10002 SORENSEN'S ACE HARDWARE	$143.06
Vendor Bill Payment	11/22/2021	35220	10184 SPRAYTEC	$266.57
Vendor Bill Payment	11/22/2021	35221	10644 TF TIRE & SERVICE	$315.22
Vendor Bill Payment	11/22/2021	35222	11060 UNWIRED BROADBAND INC. A000159	$799.97
Vendor Bill Payment	11/22/2021	35223	25521 UNWIRED BROADBAND INC. A000190	$249.98
Vendor Bill Payment	11/22/2021	35224	12111 WARDEN'S	$1,559.33
Vendor Bill Payment	11/22/2021	35225	12057 WINDECKER. INC.	$2,043.90
Vendor Bill Payment	11/22/2021	35226	13605 ZORO TOOLS, INC.	$702.51
Total - ACCOUNTS PAYABLE				**$14,603,539.47**

San Luis & Delta-Mendota Water Authority

Activity Agreements Budget to Actual

Paid/Pending Comparison Summary

March 1, 2021 through November 30, 2021

FAC 1/10/22 & BOD 1/13/22

		FY Budget 3/1/21 - 2/28/22	Actual To Date Paid/Pending	% of Budget	Amount Remaining
03	General Membership	765,146	429,990	56.20%	335,156
05	Leg/CVP Operations	4,577,106	2,168,758	47.38%	2,408,348
06	Reallocation Agreement	0	0	0.00%	0
35	Contract Renewal Coordinator	73,368	34,250	46.68%	39,118
09	Leg/CVP Operations #3	0	0	0.00%	0
28	Yuba County Water Transfers	18,000	7,511	41.73%	10,489
22	Grassland Basin Drainage #3A	2,352,898	1,702,402	72.35%	650,496
63	SGMA - Coordinated	260,696	90,656	34.77%	170,040
64	SGMA - Northern Delta-Mendota Region	649,812	167,076	25.71%	482,736
65	SGMA - Central Delta-Mendota Region	649,812	180,690	27.81%	469,122
67	Integrated Regional Water Management	223,850	59,257	26.47%	164,593
68	Los Vaqueros Reservoir Expansion	15,000	20,074	133.83%	(5,074)
44	Exchange Contractors - 5 Year Transfer	2,000	0	0.00%	2,000
56	Long-Term North to South Water Transfer	167,000	275,242	164.82%	(108,242)
16	DHCCP	5,472	0	0.00%	5,472
	TOTAL	**9,760,160**	**5,135,906**	**52.62%**	**4,624,254**
		9/ 12 X 9,760,160	**$ 7,320,120**	**75.00%**	
		Budget vs. Actual	**2,184,214**		

MEMO

TO: Pablo Arroyave, Chief Operating Officer
FROM: Joyce Machado, Director of Finance
SUBJECT: FY22 O&M Budget to Actual Report
DATES: 1.10.22 FAC and 1.13.22 BOD

2021 Water Year (FY 3/1/21-2/28/22) *attachment 1*
Self-funding actual expenses (paid and pending) for SLDMWA Routine O&M through November 30, 2021 are under budget by $1,812,223. There has been no Intertie DWR Conveyance activity, which has contributed to the large result in positive spending.

Outstanding

2020 Water Year (FY 3/1/20-2/28/21)
Staff has begun the preliminary processes necessary for the WY20 draft contractor records.

Intertie O&M Cost Recovery
WY12 to WY19 Intertie True-Up: outstanding, no cost recovery

ANNUAL R, O&M BUDGET BY COST POOLS MARCH 1, 2021 - FEBRUARY 28, 2022

						O'NEILL O&M	
	Total	UPPER	Intertie	Volta Wells	LWR/POOL	DIRECT	STORAGE	SL DRAIN
DMC	$ 8,008,670	$ 4,832,431			$ 3,176,238			
JPP	$ 4,070,870	$ 4,070,870						
WW	$ 166,659	$ 124,994			$ 41,665			
Intertie O&M / DWR Conveyance	$ 1,705,468		$ 1,705,468					
Volta Wells	$ 44,270			$ 44,270				
Mendota Pool	$ 164,374				$ 164,374			
O'Neill	$ 2,059,340					$ 1,832,812	$ 226,527	
SL Drain	$ 200,962							$ 200,962
	$ 16,420,612	$ 9,028,295	$ 1,705,468	$ 44,270	$ 3,382,277	$ 1,832,812	$ 226,527	$ 200,962

R, O&M BUDGET BY COST POOLS THROUGH November 30, 2021

75.00%

					O'NEILL O&M	
	Total	UPPER	Intertie	Volta Wells	LWR	DIRECT	STORAGE	SL DRAIN
DMC	$ 6,006,502	$ 3,624,324			$ 2,382,179			
JPP	$ 3,053,152	$ 3,053,152						
WW	$ 124,994	$ 93,746			$ 31,249			
Intertie O&M / DWR Conveyance	$ 1,279,101		$ 1,279,101					
Volta Wells	$ 33,203			$ 33,203				
Mendota Pool	$ 123,281				$ 123,281			
O'Neill	$ 1,544,505					$ 1,374,609	$ 169,896	
SL Drain	$ 150,721							$ 150,721
	$ 12,315,459	$ 6,771,221	$ 1,279,101	$ 33,203	$ 2,536,708	$ 1,374,609	$ 169,896	$ 150,721

R, O&M Actual COSTS BY COST POOLS THROUGH November 30, 2021

					O'NEILL O&M	
	Total	UPPER	Intertie	Volta Wells	LWR	DIRECT	STORAGE	SL DRAIN
DMC	$ 5,082,824	$ 3,066,976			$ 2,015,848			
JPP	$ 2,813,525	$ 2,813,525						
WW	$ 89,413	$ 67,060			$ 22,353			
Intertie O&M / DWR Conveyance	$ 145,687		$ 145,687					
Volta Wells	$ 1,693			$ 1,693				
Mendota Pool	$ 99,354				$ 99,354			
O'Neill	$ 2,156,028					$ 1,918,865	$ 237,163	
SL Drain	$ 114,712							$ 114,712
	$ 10,503,236	$ 5,947,561	$ 145,687	$ 1,693	$ 2,137,555	$ 1,918,865	$ 237,163	$ 114,712

R, O&M BUDGET vs Actual COSTS THROUGH November 30, 2021

						O'NEILL O&M		
	TOTAL	UPPER	INTERTIE & DWR Conveyance	Volta Wells	LWR/POOL	DIRECT	STORAGE	SL DRAIN
R, O&M Budget	$ 12,315,459	$ 6,771,221	$ 1,279,101	$ 33,203	$ 2,536,708	$ 1,374,609	$ 169,896	$ 150,721
R, O&M Actual	$ 10,503,236	$ 5,947,561	$ 145,687	$ 1,693	$ 2,137,555	$ 1,918,865	$ 237,163	$ 114,712
Difference	$ 1,812,223	$ 823,661	$ 1,133,414	$ 31,510	$ 399,153	$ (544,256)	$ (67,268)	$ 36,009
	UNDER	UNDER	UNDER	UNDER	UNDER	OVER	OVER	UNDER

14.715026% under budget

subject to rounding

attachment 1

San Luis & Delta-Mendota Water Authority
DMC without CIP / E O&M
Budget to Actual Paid/Pending Comparison Summary
March 1, 2021 through November 30, 2021
FAC 1/10/22 & BOD 1/13/22

			FY Budget 3/1/21 - 2/28/22		Actual To Date Paid/Pending		% of Budget	Notes	Budget Amount Remaining
Operate & Maintain DMC	S/F	02	4,949,705		3,434,921		69.40%		1,514,784
Operate & Maintain Wasteways	S/F	04	110,124		57,835		52.52%		52,289
Mendota Pool	S/F	05	113,822		91,995		80.82%		21,827
Operate & Maintain JPP	S/F	11	2,857,101		1,880,411		65.82%		976,691
Intertie Maintenance	S/F	12	177,142	A	93,018		52.51%		84,124
Volta Wells Pumping	S/F	13	30,685		1,090		3.55%		29,595
Operate & Maintain O'Neill	S/F	19	1,454,425		1,443,610		99.26%		10,815
Maintain Tracy Fish Facility	USBR	30	26,631		109,398		410.78%		(82,766)
Operate & Maintain Tracy USBR	USBR	33	-		-		0.00%		-
Operate & Maintain San Luis Drain	S/F	41	134,634		76,383		56.73%		58,251
Maintain Delta Cross Channel	USBR	44	38,000		-		0.00%		38,000
Safety Equipment Training		50	5,358		2,237		41.75%		3,121
Warehousing		52	172,016		139,674		81.20%		32,341
Tracy Field Office Expense		54	440,832		267,559		60.69%		173,273
Direct Administrative/General Expense		56	1,693,356		1,677,330		99.05%		16,026
Indirect O & M LBAO Admin.		58	2,171,311		1,456,795		67.09%		714,516
TOTAL			**14,375,140**		**10,732,256**		**74.66%**		**3,642,885**

Total from Self-Funding - page 2	14,206,256	10,503,236	73.93%	3,703,020
Total from USBR - page 3	168,884	162,783	96.39%	6,101
Total from Special Projects - page 4	-	66,236		(66,236)
Totals	14,375,140	10,732,256		3,642,885
	YTD %	**75.00%**		

A. Does NOT include DWR Wheeling

San Luis & Delta-Mendota Water Authority
Self-Funding Portion of DMC
Budget to Actual Paid/Pending Comparison Summary
March 1, 2021 through November 30, 2021
FAC 1/10/22 & BOD 1/13/22

		FY Budget 3/1/21 - 2/28/22		Actual To Date Paid/Pending		% of Budget	Budget Amount Remaining
Operate & Maintain DMC	**02**	4,949,705		3,434,921		69.40%	1,514,784
Operate & Maintain Wasteways	**04**	110,124		57,835		52.52%	52,289
Mendota Pool	**05**	113,822		91,995		80.82%	21,827
Operate & Maintain JPP	**11**	2,857,101		1,880,411		65.82%	976,691
Intertie Maintenance	**12**	177,142	A	93,018		52.51%	84,124
Volta Wells Pumping	**13**	30,685		1,090		3.55%	29,595
Operate & Maintain O'Neill	**19**	1,454,425		1,443,610		99.26%	10,815
Operate & Maintain San Luis Drain	**41**	134,634		76,383		56.73%	58,251
Total Direct O & M		**9,827,637**		**7,079,263**		**72.03%**	**2,748,374**
Safety Equipment Training	**50**	5,233		2,161		41.30%	3,072
Warehousing	**52**	168,015		134,959		80.33%	33,056
Tracy Field Office Expense	**54**	430,580		258,527		60.04%	172,053
Direct Administrative/General Expense	**56**	1,653,975		1,620,708		97.99%	33,267
Indirect O & M LBAO Admin.	**58**	2,120,815		1,407,618		66.37%	713,197
Total Indirect Allocated to O & M		**4,378,619**		**3,423,973**		**78.20%**	**954,646**
Total SLDMWA O&M		**14,206,256**		**10,503,236**		**73.93%**	**3,703,020**

A. Does NOT include DWR Wheeling

San Luis & Delta-Mendota Water Authority
USBR Service Agreement portion of DMC
Budget to Actual Paid/Pending Comparison Summary
March 1, 2021 through November 30, 2021
FAC 1/10/22 & BOD 1/13/22

		FY Budget 3/1/21 - 2/28/22	Actual To Date Paid/Pending	% of Budget	Budget Amount Remaining
Maintain Tracy Fish Facility	**30**	26,631	109,398	410.78%	(82,766)
Operate & Maintain Tracy USBR	**33**	-	-	0.00%	-
Maintain Delta Cross Channel	**44**	38,000	-	0.00%	38,000
Total Direct USBR Facilities		**64,631**	**109,398**	**169.26%**	**(44,766)**
Safety Equipment Training	**50**	125	34	27.05%	91
Warehousing	**52**	4,000	2,104	52.60%	1,896
Tracy Field Office Expense	**54**	10,252	4,031	39.32%	6,221
Direct Administrative/General Expense	**56**	39,380	25,269	64.17%	14,111
Indirect O & M LBAO Admin.	**58**	50,496	21,947	43.46%	28,549
Total Indirect Allocated USBR Facilities		**104,253**	**53,385**	**51.21%**	**50,868**
TOTAL USBR FACILITIES		**168,884**	**162,783**	**96.39%**	**6,101**

San Luis & Delta-Mendota Water Authority
DMC Indirect Cost Allocated to Special Projects
March 1, 2021 through November 30, 2021
FAC 1/10/22 & BOD 1/13/22

			Allocated To Date
Special Projects allocated			
Indirect allocated to Special Projects			
Safety Equipment Training	**50**		42
Warehousing	**52**		2,611
Tracy Field Office Expense	**54**		5,001
Direct Administrative/General Expense	**56**		31,352
Indirect O & M LBAO Admin.	**58**		27,230
Total Indirect Allocated to SPECIAL PROJECTS			**66,236**

TOTAL INDIRECT ALLOCATED TO SPECIAL PROJECTS	**66,236**

San Luis & Delta-Mendota Water Authority
DMC WITH CIP / E O & M
Budget to Actual Paid/Pending Comparison Summary
March 1, 2021 through November 30, 2021
FAC 1/10/22 & BOD 1/13/22

			FY Budget 3/1/21 - 2/28/22		Actual To Date Paid/Pending		% of Budget	Notes	Budget Amount Remaining
Capital Improvement Projects	**CIP**	**25**	7,873,871		5,485,850		69.67%		2,388,021
Extra Ordinary O&M	**EO&M**	**26**	5,472,571		2,311,216		42.23%		3,161,355
Operate & Maintain DMC	**S/F**	**02**	4,949,705		3,434,921		69.40%		1,514,784
Operate & Maintain Wasteways	**S/F**	**04**	110,124		57,835		52.52%		52,289
Mendota Pool	**S/F**	**05**	113,822		91,995		80.82%		21,827
Operate & Maintain JPP	**S/F**	**11**	2,857,101		1,880,411		65.82%		976,691
Intertie Maintenance	**S/F**	**12**	177,142	**A**	93,018		52.51%		84,124
Volta Wells Pumping	**S/F**	**13**	30,685		1,090		3.55%		29,595
Operate & Maintain O'Neill	**S/F**	**19**	1,454,425		1,443,610		99.26%		10,815
Maintain Tracy Fish Facility	**USBR**	**30**	26,631		109,398		410.78%		(82,766)
Operate & Maintain Tracy USBR	**USBR**	**33**	-		-		0.00%		-
Operate & Maintain San Luis Drain	**S/F**	**41**	134,634		76,383		56.73%		58,251
Maintain Delta Cross Channel	**USBR**	**44**	38,000		-		0.00%		38,000
Safety Equipment Training		**50**	6,230		2,376		38.13%		3,854
Warehousing		**52**	200,018		148,337		74.16%		51,681
Tracy Field Office Expense		**54**	512,595		284,152		55.43%		228,442
Direct Administrative/General Expense		**56**	1,969,018		1,781,357		90.47%		187,661
Indirect O & M LBAO Admin.		**58**	2,524,780		1,547,145		61.28%		977,635
TOTAL			**28,451,353**		**18,749,093**		**65.90%**		**9,702,259**

Total from Self-Funding - page 2	14,206,256	10,503,236	73.93%	3,703,020
Total from USBR - page 3	168,884	162,783	96.39%	6,101
Total from Special Projects - page 4	-	66,236		(66,236)
Total from EO&M	14,076,212	8,016,838	56.95%	6,059,374
Totals	28,451,353	18,749,093		9,702,259
YTD %	**75.00%**			

A Does NOT include DWR Wheeling

San Luis & Delta-Mendota Water Authority
DMC WITH CIP / E O & M With Indirect Allocated
Budget to Actual Paid/Pending Comparison Summary
March 1, 2021 through November 30, 2021
FAC 1/10/22 & BOD 1/13/22

			Actual Paid/Pending Expense	% Direct Labor to Total Labor	Allocated Indirect Based on Direct Labor %	Total Expense Direct & Indirect	
Operate & Maintain DMC	S/F	02	3,434,921	43.79%	1,647,902	5,082,824	*
Operate & Maintain Wasteways	S/F	04	57,835	0.84%	31,578	89,413	*
Mendota Pool	S/F	05	91,995	0.20%	7,359	99,354	*
Operate & Maintain Jones Pumping Pl	S/F	11	1,880,411	24.79%	933,114	2,813,525	*
Intertie Maintenance	S/F	12	93,018	1.40%	52,669	145,687	*
Intertie DWR Conveyance	S/F	12	-			-	*
Volta Wells Pumping	S/F	13	1,090	0.02%	603	1,693	*
Operate & Maintain O'Neill	S/F	19	1,443,610	18.93%	712,418	2,156,028	*
Maintain Tracy Fish Facility	USBR	30	109,398	1.42%	53,385	162,783	
Operate & Maintain Tracy USBR	USBR	33	-	0.00%	-	-	
Operate & Maintain San Luis Drain	S/F	41	76,383	1.02%	38,329	114,712	*
CIP		25	5,485,850	4.35%	163,836	5,649,686	
EO&M & Scada Project		26	2,311,216	1.49%	55,935	2,367,152	
SPECIAL PROJECTS		XX		1.76%	66,236	66,236	
Safety Equipment Training		50	2,376				
Warehousing		52	148,337		3,763,366	18,749,093	
Tracy Field Office Expense		54	284,152				
Direct Administrative/General Expense		56	1,781,357				
Indirect Administrative/General Expense		57	-			(8,016,838)	less CIP&EO&M
Indirect O & M LBAO Admin.		58	1,547,145			(162,783)	less USBR Facilities
Total Indirect to be Allocated				3,763,366		(66,236)	less Special Projects
TOTAL			**18,749,093** includes intertie DWR conveyance			10,503,236	*SLDMWA O&M Costs

January 13, 2022

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for December 2021

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 1-5 units through December. The average rate of pumping for the JPP was 1,812 cfs for the month of December.

Total pumping at the JPP for December was 111,428 acre-feet (AF). The O'Neill Pump/Generating Plant (OPP) generated 3,485 AF, and pumped 83,516 AF for the month of December. The Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) pumped 3,774 AF and zero AF was reversed from the California Aqueduct to the DMC.

The Federal share in the San Luis Reservoir at the end of December was 102,386 AF, as compared to 375,126 AF at the end of December 2020.

During the month of December, releases from Friant Dam ranged from 563 to 630 cfs with 10,396 AF entering the Mendota Pool. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 9,689 AF for the month of December.

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. Coordinated flow testing was conducted with the USBR and Fish & Wildlife in the Volta Wildlife Area, and also with the USBR at the San Joaquin River Bi-furcation structure during December.

Control Operations switching/clearance placements performed this month:

- C-21-JP-73 JU1&2, West Tube, JU1 BFV Test
- C-21-JP-74 JU5 Exciter Brush change and Inspection
- C-21-JP-75 JU5 Exciter Brush change and slip ring repair
- C-21-ON-77 Inspect OU4 motor housing for oil
- C-21-DM-81 Replace TO Gate @ MP 93.27L
- C-21-DM-82 Replace TO Gate @ MP 48.60LA
- C-21-JP-83 JPP Unwatering Sump Pit, remove fish
- C-21-JP-78 JPP Unit 1 Stator Rewind, rotor rehab and suction elbow entry
- C-21-DCI-79 DCI 4160 Volt bus de-energization for fan work
- C-21-JP-80 OU4 Oil investigation, cleanup and distributor rod repair

Civil Maintenance Department

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

- DMC Installed 24-inch turnout gates at MP 48.70 and MP 93.27 with use of divers
- DMC ROW tree removal
- Drain inlet and overchute cleaning
- Grading and repair of DMC, SLD, and Wasteway operating roads
- LBFO & TFO minor facility repairs
- Install security gates and wing fences
- Garbage collection on DMC and Wasteways
- Chemical and mechanical weed control on DMC and SLD
- Installation of stairs and handrails to DMC turnout gates and meters
- Maintenance and repairs to float lines, signs, fences, guard rails and gates

Plant Maintenance Department

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

Electrical/C&I Staff:

- OPP Cooling water pump and strainer repairs
- JPP Unit 1 preparation for re-assembly
- DMC Check support for upgrade from 3G to 4G cellular service
- DMC check 10 control system repairs
- OPP Unit 4 oil leak and cleanup
- JPP protective relay testing
- DMC check electrical PM
- LBFO well pump electrical wiring repairs
- DCI HVAC controls

Mechanical Staff:

- OPP cooling water pump and valve repairs
- OPP packing water repairs
- JPP Unit 1 Rewind support (rotor and bridge installation)
- JPP Unit 1 new bearing installation and set up
- JPP industrial water pump repairs
- JPP sandblast & paint, including deck plates, hand rails, fans, and bearings from JPP Unit 1
- OPP Unit 4 oil leak repairs ongoing, due to ring failures in the distributor valve for the vane control system
- JPP Unit 5 slip rings and carbon brush repairs
- DCI fan and louver repairs

USBR Support Services

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

- Tracy Fish Collection Facility trash rack cleaning support
- Tracy Fish Collection Facility holding tank #1 control switch repair

Engineering Department

The Engineering staff worked on the following regular O&M projects this month:

- JPP Unit 1 rewind project, including thrust bearing inspection and repairs
- JPP Unit 4 rewind project
- JPP switchgear buildings relay settings update
- Upper DMC 3G to 4G communication upgrades

- Data management of well readings and creation of Warren Act hydrographs
- TFCF secondary channel equipment support
- JPP/OPP electrical drawings update
- JPP industrial water settling basin repair
- TFO canal maintenance yard storm drainage design
- JPP Asphalt repair design
- O&M PM setup and asset management in NetSuite
- OPP Unit 3 vane control calibration
- TFO breaker modifications per JPP Arc Flash 2018
- OPP cooling water system rehabilitation
- UZ11A bushing box replacement and repairs
- OPP Concrete wall cracks monitoring.
- Replacement of 2X relay in the Jones units
- OPP Service Water Pump Rehabilitation

Land Management Activity Summary

The Engineering staff issued three (3) access permits this month:

- Access permit P2202026 was issued to Del Puerto Water District for a temporary turnout/truck water filling station located on the Delta-Mendota Canal near MP 45.78-R.
- Access permit P2202029 was issued to Turlock Irrigation District to perform corrosion maintenance on the existing utility poles located on the Westley Wasteway right-of-way.
- Access permit P2202030 was issued to Central California Irrigation District to conduct a cultural and biological survey for the Orestimba Creek Recharge/Recovery Expansion Project near MP 48.97-L, from MP 51.00-L to MP 51.65-L, MP 52.40-L, and Newman Wasteway from MP 0.00 to MP 1.44.

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

- Development of general land management standard requirements for adjacent developments
- Orestimba Creek Recharge Project
- Santa Nella WD Sewer and Water Crossing
- Costco Annexation Project, Tracy, CA
- Tracy Hills Commerce Center, Tracy, CA
- Schulte Warehouse Annexation, 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 @ MP 92.73 – ongoing
- PID MP 42.51 plan review and approval

Safety Department

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support for the crews
- Conducted Weekly Safety Tailgate talks with Maintenance and Operations crews
- Sent out Weekly Safety Tailgate Topics: 12-1 Backing Up Safety, 12-2 Emergency Preparedness, 12-3 Snakes in the Workplace, 12-4 Personal Protective Equipment

- Provided Safety Message for December Monthly Newsletter: 12/2021 Christmas Tree Safety
- Conducted Facility Safety Inspections
- Conducted Fall Protection Harness & Lanyard inspections

Work & Asset Management and Procurement 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-DMC-065- Feasibility Study RFP was released on November 19, due by January 11, 2022; internal meeting scheduled 1/5/22
- F22-ALL-066- Annual and 5 year tests Fire Sprinkler Testing—Johnson Controls was awarded the contract and inspections are being scheduled
- F22-DMC-068 O'Neill Pumping Plant Cathodic Protection System—Contract executed 12/21
- F22-DMC-069 Cellular Gateway Migration—Under contract with Volo, pending scheduling/waiting for parts
- RFP document prepared for Investment Advisory Services; sent to Pablo for review 12/30; estimated release date 2nd-3rd week of January.
- Analytical testing completed for hazardous waste; hazardous waste pickup to be completed in January (vendor McCampbell Analytical, Inc.)

Ongoing:

- Purchasing in support of the O&M crews and maintaining/replenishing 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
- Continuous testing for improvements to procedures in NetSuite, as well as ongoing issues related to NetSuite constraints
- Establishing/Developing Blanket Contracts and PO agreements
- Reviewing and closing out old/open PO's in NetSuite

Information Technology Department

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

- NetSuite
    - Online training, User and Administration
    - Bi-Weekly Implementation Team meetings
- Continuing support for our "Work at Home" users
- Assisted with monthly FAC, WRC and BOD meetings with Zoom
- Desktop support calls.
- Planning server refresh

- Planning laptop refresh
- Planning upgrading/replacing copiers
- Monitor Symantec Anti-Virus Management Console
- Assist SCADA with 3G to 4G cell migration for DMC check structures
    - Worked closely with Vendors; AT&T and VOLO
- Security updates on servers
- Update firmware on firewall
- Update additional AV security settings
- Purchased, configured and deployed new station to General Council
- Email server upgrade
    - Completed

Human Resources Department

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

General Administrative Activities:

- Recruitments:
    - Heavy Equipment Operator, Tracy (continued recruitment)
    - Hydro Electric Electrician, Tracy (continued recruitment)
    - Plant Engineer, Tracy (continued recruitment)
    - Water Operations Superintendent (interviews scheduled)
    - Maintenance Workers, Tracy
- Background checks for PIV cards (continuing)

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)
- Sexual Harassment Prevention Training (staff being scheduled for bi-annual training)

Government Reporting:

- Merced County Public Health COVID Reporting (on-going)
- State Controller's Report
- CalPERS Report
- EEO-4 report
- Affirmative Action report
- Federal Contractors Portal (OFCCP)

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 PG&E 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 has performed geotechnical explorations to support their design effort and plan for the 30% design review in January. PG&E, SLDMWA, and Reclamation are meeting monthly to keep the project moving forward.

DMC Subsidence Correction Project

Status: SLDMWA is working closely with Reclamation to complete the tasks identified in the Financial Assistance Agreement (FA Agreement) that was executed on 9/24/2021 after acquiring Board approval. Phase 1 Geotechnical work has been completed and funding will be reimbursed as a pre-incurred task identified in the FA Agreement. SLDMWA completed the Feasibility Study Request for Proposals and posted publically on November 19th. The RFP includes Cultural and Environmental efforts in addition to the Feasibility Report. All proposals are due January 11th, with the Notice of Award scheduled after the February 10, 2022 Board Meeting. The deliverable of the Feasibility Report is expected to be completed in approximately one year, with certain environmental permitting extending longer.

DWR notified SLDMWA that the DMC Subsidence Project was conditionally awarded state funding up to $23.8M. This month was spent developing the work plan, budget, and cash flow exhibits to apply for the funding.

The SLDMWA is providing support to Reclamation as they manage the construction contract with Unico Services to install the two additional pumps at the DMC/CA Intertie Pumping Plant (DCI). Mobilization is scheduled to occur on February 7th, with a project completion date of March 28.

DMC Turnout Flowmeter Upgrade Program – Phase 2

Status: Phase 2 is underway. SLDMWA is working with McCrometer on the contract creation, which will include the purchase of 62 flowmeters equipped with telemetry through the SLDMWA sole source procedure. The contract is expected to be executed after the January board meeting. Final delivery of meters is expected by Fall 2022.

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

Status: Job complete.

EXTRAORDINARY O&M & CAPITAL PROJECTS

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. The SLDMWA processed additional funds to the USBR for engineering on this project to continue in November and we are awaiting an updated schedule. USBR TSC will visit the Jones plant in January to perform a hazardous material assessment associated with this project.

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 to complete the final payment. USBR has yet to pay the complete amount of the final invoice, $584,337.95 is remaining due to the SLDMWA.

JPP Unit No. 1 Rewind

Status: NEC completed their work on 12/19/2021. Reassembly of the unit by the SLDMWA has started. 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. All components have been picked up from Kingsbury and reassembly is underway and is scheduled to be complete by the end of January.

JPP Unit No. 4 Rewind

Status: Due to steel shortages and price increases in Europe, the SLDMWA 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 SLDMWA staff is scheduled to begin February 21, 2022, previously December 9, 2021. A pre-teardown vibrational study is being scheduled to be performed by Bently Nevada January 18 and 19, to provide comparison data for the post-rewind vibration study. All of the laminations for Unit 4 were manufactured in November were shipped from Poland on December 6, 2021.

EXTRAORDINARY O&M & CAPITAL PROJECTS

JPP/OPP/DCI Fire Protection Systems Assessment

Status: The 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 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. Oil monitoring will continue and the next oil test is in January 2022. The RFP is almost ready and is planned to be released at the end of March 2022. The construction is tentatively scheduled to start March 2023, and the outage to start in April 2023.

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

Status: The Facility Rating Review has been received. The personal protective grounds were upgraded per recommendations from the Facility Rating Review. Performed an inspection of the Unit Buses. A report of the findings will be provided to TSC per recommendation. The Arc Flash Hazard Analysis draft has been received. The Protective Relays Review is still pending.

Pump Bowl Modification (Design and USBR Approval)

Status: SLDMWA 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: Construction contract awarded to Farwest. Adequate insurance is being verified before the kickoff meeting can be conducted.

EXTRAORDINARY O&M & CAPITAL PROJECTS

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 occured in November with results provided mid-December. Package Plant vendors will be solicited for updated quotes based on water quality results.

Treatment Plant Drainage: SLDMWA Engineers proposed modifications to the drainage design. These modifications are currently being implemented into contruction plans. Final drainage design is expected to be finalized by end of January 2022.

MULTIPLE FACILITIES: TFO/ LBFO/ DCI

Arc Flash Hazard Analysis

Status: No activity this month. Received the project management plan from TSC and the letter of agreement draft from Reclamation Tracy Office. Site work is tentatively scheduled for June/July 2022.

San Luis & Delta-Mendota Water Authority
OPERATIONS SUMMARY

NOTE: ALL FIGURES ARE IN ACRE FEET

	November-2021	November-2020
JONES PUMPING PLANT - PUMPED	183,896	87,058
DCI PLANT - PUMPED	8,773	0
DCI PLANT - RETURNED	0	0
O'NEILL P/G PLANT - PUMPED	113,997	24,430
O'NEILL P/G PLANT - GENERATED	859	7,139
DMC DELIVERIES	14,723	25,769
RIVER/WELL/RECYCLE WATER INTO DMC	7,336	6,888
MENDOTA POOL DELIVERIES	43,450	52,226
SHASTA RESERVOIR STORAGE	1,117,200	2,022,600
SAN LUIS RESERVOIR STORAGE	480,482	933,368
* FEDERAL SHARE	71,850	380,164

	November-2021	November-2020
*SAN LUIS UNIT DELIVERIES	11,956	12,877
SAN LUIS UNIT WELL WATER	0	0
SAN FELIPE UNIT DELIVERIES	6,575	6,044

Jones Pumping Plant monthly average = 3,085 cfs

San Luis & Delta-Mendota Water Authority
Monthly Deliveries
November 2021

Date: 12/20/21

District/Other	Total Available Water into System (INCOMING) (Acre Feet)	AG/Refuge Deliveries (Acre Feet)	M & I Deliveries (Acre Feet)	Total Deliveries (OUTGOING) (Acre Feet)
Total Pumped @ Jones Pumping Plant	**183,896**			
Total Pumped @ DCI	**(8,773)**			
Total Reversed @ DCI	**0**			
City of Tracy		0	66	66
Byron Bethany I.D.		3	0	3
West Side I.D.		0	0	0
Banta Carbona I.D.		42	0	42
West Stanislaus I.D.		2	0	2
Patterson I.D.		0	0	0
Del Puerto W.D.		187	0	187
Central California I.D. - above check #13		745	0	745
San Luis W.D.- above check #13		0	0	0
Volta Wildlife Mgmt. Area (Fish & Game)		1,109	0	1,109
Fish & Wildlife (Volta) Santa Fe - Kesterson		0	0	0
Grasslands W.D. (Volta)		1,253	0	1,253
Total Pumped @ O'Neill PP	**(113,997)**			
Total Generated @ O'Neill PP	**859**			
Central California I.D. - below check #13		270	0	270
Grasslands W.D. (76.05-L)		8,919	0	8,919
Fish & Game Los Banos Refuge (76.05-L)		499	0	499
Fish & Wildlife Kesterson (76.05-L)		504	0	504
Freitas Unit (76.05-L)		630	0	630
Salt Slough Unit (76.05-L)		0	0	0
China Island (76.05-L)		262	0	262
San Luis W.D. - below check #13		5	0	5
Panoche W.D.		0	2	2
Eagle Field W.D.		0	0	0
Oro Loma W.D.		0	0	0
Mercy Springs W.D.		0	0	0
Firebaugh Canal W.D. (D.M.C.)		225	0	225
River and Groundwater well pump-in	5,334			
North Valley Regional Recycled Water Program	2,002			
Change in Canal Storage	283			
Wasteway Flushing and Spill	0			
Total Available in Delta-Mendota Canal	69,604			
TOTAL DELIVERY FROM DELTA-MENDOTA CANAL	**(14,723)**	**14,655**	**68**	**14,723**
Theoretical DMC Delivery to Mendota Pool	54,881			
Total DMC Metered Delivery to MP	41,502			
Estimated (Loss) or Gain in DMC	(13,379)			
Estimated % Loss or Gain in DMC	-7.23%			

San Luis & Delta-Mendota Water Authority
Monthly Deliveries
November 2021

District/Other	Total Available Water into System (INCOMING) (Acre Feet)	AG/Refuge Deliveries (Acre Feet)	M & I Deliveries (Acre Feet)	Total Deliveries (OUTGOING) (Acre Feet)
Estimated DMC Inflow to MP	41,502			
Mendota Pool Groundwater Well Pump-In	2,315			
(+)SJRR Releases into Mendota Pool	0			
(+)Kings River Flood Releases into the Mendota Pool	0			
Mendota Pool Delivery Information				
Exchange Contractors:				
Central California Irrigation District (CCID)		15,784	0	15,784
Columbia Canal Company (CCC)		2,762	0	2,762
Firebaugh Canal Water District (FCWD)		1,825	0	1,825
San Luis Canal Company (SLCC)		3,229	0	3,229
Refuge:				
Conveyance Losses		2,569	0	2,569
Calif Dept of F/G-LB Unit (CCID)		407	0	407
Calif Dept of F/G-LB Unit (SLCC)		1,000	0	1,000
Calif Dept of F/G-Salt Slough Unit (CCID)		0	0	0
Calif Dept of F/G-China Island Unit (CCID)		214	0	214
US Fish & Wildlife-San Luis Refuge (SLCC)		3,690	0	3,690
US Fish & Wildlife-Freitas (CCID)		515	0	515
US Fish & Wildlife-Kesterson (CCID)		411	0	411
Grasslands WD (CCID)		5,979	0	5,979
Grasslands WD (SLCC)		987	0	987
Grasslands (Private)		1,309	0	1,309
San Luis WD Conveyance (CCID)		5	0	5
Del Puerto WD Conveyance (CCID)		0	0	0
San Joaquin River Restoration:				
SJRR		0	0	0
Other: (see MP Operations Report)		2,764	0	2,764
Total Available Water in Mendota Pool	43,817			
TOTAL DELIVERY FROM MENDOTA POOL	**(43,450)**	**43,450**	**0**	**43,450**
*Estimated (Loss) or Gain in Mendota Pool	(367)			
*Estimated % Loss or Gain in Mendota Pool	-0.84%			
Total System Delivery	(58,173)			
***Total Estimated System (Loss) or Gain**	**(13,746)**			
***Total Estimated % System Loss or Gain**	**-7.13%**			

Special Notes: Extra water sent into the Mendota Pool to raise elevation for operational needs due to hyacinth growth.

Jones Pumping Plant
November - 2021

Date	# OF UNITS	TIME ON/OFF	AVG DAILY CFS
1	4 to 5	1200	3848
2	5	CONTINOUSLY	4216
3	5	CONTINOUSLY	4252
4	5	CONTINOUSLY	4267
5	5	CONTINOUSLY	4294
6	5	CONTINOUSLY	4274
7	5	CONTINOUSLY	4274
8	5	CONTINOUSLY	4271
9	5	CONTINOUSLY	4255
10	5 to 2, 2 to 1, 1 to 3	0224, 0548, 1412	2122
11	3	CONTINOUSLY	2778
12	3 to 4	1000	3225
13	4	CONTINOUSLY	3570
14	4	CONTINOUSLY	3567
15	4 to 5, 5 to 3	1201, 1454	3282
16	3 to 5	0708	3776
17	5 to 3	0001	2612
18	3	CONTINOUSLY	2704
19	3	CONTINOUSLY	2742
20	3	CONTINOUSLY	2739
21	3	CONTINOUSLY	2740
22	3	CONTINOUSLY	2734
23	3	CONTINOUSLY	2741
24	3	CONTINOUSLY	2735
25	3 to 2	0001	1772
26	2	CONTINOUSLY	1768
27	2	CONTINOUSLY	1767
28	2	CONTINOUSLY	1766
29	2	CONTINOUSLY	1734
30	2	CONTINOUSLY	1711
31			
		AVG CFS for the month	**3085**

NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)
November 2021 WA Credits

Date: 12/20/21

CREDITS UNDER WARREN ACT CONTRACTS

Turnout	Start Meter Reading	End Meter Reading	Factor	Adjust	District	Total	Less 5%	Month	Year
3.32-R1	0	0	1	0	BBID	0	0	0	0
3.32-R2	0	0	1	0	BBID	0	0	0	0
3.32-R3	7,812	7,812	1	0	BBID	0	0	0	5,243
13.31-L	4,804	4,804	1	0	BBID	0	0	0	0
14.26-R	5,217	5,217	1	0	BBID	0	0	0	0
15.11-R	2,547	2,619	1	0	BBID	72	(4)	68	598
20.42-L	33,010,576	33,058,893	1	0	BCID	148	(7)	141	14,374
20.42-L	33,010,576	33,058,893	1	0	USBR/FWA	0	0	0	0
21.12-L	990	990	1.01	0	DPWD	0	0	0	0
21.86-L	770	770	1	0	DPWD	0	0	0	0
24.38-L	2,349	2,380	1.04	0	DPWD	32	(2)	30	204
29.95-R	1,325	1,325	0.87	0	DPWD	0	0	0	31
30.43-L	7,424	7,424	1	0	DPWD	0	0	0	0
30.43-R	2,123	2,123	0.92	0	DPWD	0	0	0	0
30.95-L	1,920	1,920	1.03	0	DPWD	0	0	0	0
31.31-L1	61,105	63,448	1	0	WSTAN	1,427	(71)	1,356	7,533
31.31-L2	61,105	63,448	1	0	DPWD	916	(46)	870	2,068
31.31-L3	61,105	63,448	1	0	PID	0	0	0	0
31.60-L	8,183	8,183	0.93	0	DPWD	0	0	0	0
32.35-L	1,794	1,794	0.86	0	DPWD	0	0	0	0
33.71-L	749	749	0.94	0	DPWD	0	0	0	0
36.45-R	4,477	4,477	1	141	DPWD	141	(7)	134	134
36.80-L	1,844	1,844	1	0	DPWD	0	0	0	0
37.10-L	3,357	3,357	0.94	0	DPWD	0	0	0	54
37.32-L	2,653	2,653	0.91	0	DPWD	0	0	0	0
42.50-R	1,034	1,034	0.96	0	DPWD	0	0	0	0
42.53-L	6,128,932	6,197,501	1	574	PID	2,148	(107)	2,041	8,750
42.53-L	6,128,932	6,197,501	1	0	DPWD	0	0	0	0
42.53-L	6,128,932	6,197,501	1	0	USBR/FWA	0	0	0	0
43.22-L	55	55	1	0	DPWD	0	0	0	0
48.97-L	1,961	2,155	0.95	0	SLWD	184	(9)	175	929
50.46-L	4,675	4,799	1.07	0	DPWD	133	(7)	126	699
51.00-R	296	296	0.89	0	DPWD	0	0	0	0
51.66-L	520	572	0.98	0	DPWD	51	(3)	48	218
52.40-L	1,331	1,331	0.94	0	DPWD	0	0	0	0
58.28-L	2,773	2,773	1.02	0	SLWD	0	0	0	585
58.60-L	917	917	0.96	0	DPWD	0	0	0	0
58.73-R	433	433	1	0	DPWD	0	0	0	26
64.85-L	1,662	1,662	0.72	0	DPWD	0	0	0	0
						UPPER DMC SUB TOTAL		***4,989***	***41,446***

NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)

November 2021 WA Credits

CREDITS UNDER WARREN ACT CONTRACTS									
Turnout	Start Meter Reading	End Meter Reading	Factor	Adjust	District	Total	Less 5%	Month	Year
78.31-L	4,469	4,469	1.08	0	SLWD	0	0	0	0
79.12-R	5,364	5,477	0.91	0	SLWD	103	(5)	98	461
79.13-L	349	368	1	0	SLWD	19	(1)	18	419
79.13-R	4,780	4,789	1.08	0	SLWD	10	(1)	9	206
79.60-L	3,232	3,508	0.84	0	SLWD	232	(12)	220	1,965
80.03-L	673	673	0.94	0	SLWD	0	0	0	214
80.03-R	717	717	1.05	0	SLWD	0	0	0	56
98.60-R	10,897	10,898	1	(1)	PANOCHE/MS	0	0	0	0
98.74-L	5,695	5,695	1.14	0	PANOCHE/MS	0	0	0	0
99.24-L	10,493	10,493	0.92	0	PANOCHE/MS	0	0	0	0
100.70-L	6,211	6,211	1	0	PANOCHE/MS	0	0	0	0
102.04-R	2,607	2,607	1	0	WIDREN WD	0	0	0	961
					LOWER DMC SUB TOTAL			***345***	***4,282***
					WARREN ACT CONTRACT CREDIT TOTAL			***5,334***	***45,728***

	TOTAL GROSS PUMP-IN		***CREDIT***	
TOTAL (BYRON BETHANY IRRIGATION DISTRICT)	***72***		***68***	***598***
TOTAL (BANTA CARBONA IRRIGATION DISTRICT)	***0***		***0***	***0***
TOTAL (DEL PUERTO WATER DISTRICT)	***357***		***338***	***1,366***
TOTAL (WEST STANISLAUS IRRIGATION DISTRICT)	***1,427***		***1,356***	***7,421***
TOTAL (PATTERSON IRRIGATION DISTRICT)	***2,148***		***2,041***	***8,750***
TOTAL (SAN LUIS WATER DISTRICT)	***548***		***520***	***4,835***
TOTAL (PANOCHE WATER DISTRICT)	***0***		***0***	***0***
TOTAL (MERCY SPRINGS WATER DISTRICT)	***0***		***0***	***0***
TOTAL (WIDREN WATER DISTRICT)	***0***		***0***	***961***
Other Warren Act Conveyance Credit Totals				
Del Puerto Water District:	***916***		***870***	***2,068***
Banta Carbona Irrigation District:	***148***		***141***	***14,374***
West Stanislaus Irrigation District:	***0***		***0***	***982***
Byron Bethany Irrigation District:	***0***		***0***	***5,243***
Patterson Irrigation District:	***0***		***0***	***0***
San Joaquin River Restoration Pump Back BCID:	***0***		***0***	***0***
San Joaquin River Restoration Pump Back PID:	***0***		***0***	***0***

Notes: 3.32-R, 20.42-L, 31.31-L and 42.53-L are River water

**** The meter at MP 36.45-R was inoperable and the adjustment was based on well owner supplied readings.***

MENDOTA POOL OPERATIONS
2021
ALL FIGURES IN ACRE-FEET

Date: 12/20/21

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FRESNO SLOUGH	0	37	32	58	98	192	152	68	55	0	0		692
TPUD	0	0	0	20	9	26	13	0	0	20	0		88
JAMES I.D.	0	0	0	0	554	5,246	1,400	1,755	0	0	0		8,955
MEYERS	11	127	52	88	92	193	198	162	142	64	3		1,132
M.L. DUDLEY & INDART [1]	87	10	110	239	376	443	530	468	264	87	57		2,671
MID VALLEY* (Kings River)	0	0	0	0	0	0	0	0	0	0	0		0
REC. DIST. 1606	0	0	0	91	47	72	**56**	63	13	0	0		342
STATE FISH & WILDLIFE	1,838	1,212	474	314	224	854	841	1,176	2,432	2,857	1,560		13,782
TRACTION	786	424	173	131	297	403	488	195	824	652	569		4,942
UNMETERED	80	100	30	10	15	220	150	180	350	150	0		1,285
Total	**2,704**	**1,736**	**677**	**455**	**536**	**1,477**	**1,479**	**1,551**	**3,606**	**3,659**	**2,129**		**20,009**
COELHO FAMILY TRUST [2]	198	195	211	796	877	1,028	666	388	306	167	46		4,878
TRANQUILITY I.D.	0	1,214	1,281	2,107	3,376	4,753	5,656	1,974	1,003	850	398		22,612
WESTLANDS LATERAL-6	0	0	0	0	9	61	91	73	44	19	0		297
WESTLANDS LATERAL-7	0	36	0	110	107	132	216	213	70	415	121		1,420
CARVALHO TRUST	0	4	36	71	97	99	110	56	52	53	10		588
TOTAL	3,000	3,359	2,399	4,035	6,178	13,722	10,567	6,771	5,555	5,334	2,764	0	63,684

NUMBERS SHOWN IN **BOLD** WERE REVISED AFTER DISTRIBUTION OF REPORT

1 aka COELHO-GARDNER-HANSEN 2 aka TERRA LINDA FARMS

Article 215 Water	**Kings River Water**

Duck Clubs (Percent Full)	BECK	120	PATOS	COLE	TRANQUILITY	1 ACRE
	0%	0%	0%	0%	0%	0%

Jan, 2021
DMC Inflow 15,988 AF
James Bypass Flows 0 AF

Feb, 2021
DMC Inflow 31,224 AF
James Bypass Flows 0 AF

Mar, 2021
DMC Inflow 33,042 AF
James Bypass Flows 0 AF

Apr, 2021
DMC Inflow 43,005 AF
James Bypass Flows 0 AF

May, 2021
DMC Inflow 73,092 AF
James Bypass Flows 0 AF

June, 2021
DMC Inflow 93,717 A.F
James Bypass Flows 0 AF

July, 2021
DMC Inflow 101,270 AF
James Bypass Flows 0 AF

Aug, 2021
DMC Inflow 78,175 AF
James Bypass Flows 0 AF

Sept, 2021
DMC Inflow 55,914 AF
James Bypass Flows 0 AF

Oct, 2021
DMC Inflow 66,567 AF
James Bypass Flows 0 AF

Nov, 2021
DMC Inflow 41,502 AF
James Bypass Flows 0 AF

Dec, 2021
DMC Inflow AF
James Bypass Flows 0 AF

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
METER READINGS-MENDOTA POOL
NON PROJECT WELLS
Nov-21

Prepared by: Chauncey Lee, Water Operations Superintendent, 530-228-4504 (cell)

Date: 12/20/21

TURNOUT	START METER READING	END METER READING	FACTOR	ADJUST	COMMENTS	TOTAL	LESS 5%	MONTH	YEAR
TL-1	476	530	1.1			59	(3)	56	601
TL-2	1,838	1,891	0.95			50	(3)	47	406
TL-3	377	416	1			39	(2)	37	379
TL-4	790	819	0.85			25	(1)	24	190
TL-5	220	220	0.93			0	0	0	187
TL-6	119	119	0.95			0	0	0	161
TL-7	0	0	1			0	0	0	0
TL-8	2,596	2,652	1			56	(3)	53	628
TL-9	1,739	1,790	1			51	(3)	48	583
TL-10	0	0	0.94			0	0	0	0
TL-11	0	0	1			0	0	0	0
TL-12	0	0	1			0	0	0	0
TL-13	802	840	0.88			33	(2)	31	356
TL-14	980	980	0.88			0	0	0	381
TL-15	619	641	0.89			20	(1)	19	366
TL-16	506	573	1.13			76	(4)	72	841
TL-17	749	771	0.71			16	(1)	15	234
TL-18	399	399	0.92			0	0	0	78
TL-19	707	791	1			84	(4)	80	809
TL-20	1,777	1,808	1			31	(2)	29	364
TL-21	1,896	1,928	1			32	(2)	30	440
TL-22	3,741	3,790	1			49	(2)	47	527
TL-23	405	460	1			55	(3)	52	285
TL-24	207	282	1			75	(4)	71	262
TL-25	149	193	1			44	(2)	42	184
TL-26	210	287	1			77	(4)	73	272
					SUB TOTAL (TERRA LINDA)			826	8,649
CGH-1	885	885	1			0	0	0	0
CGH-2	260	260	1			0	0	0	0
CGH-3	125	125	1			0	0	0	0
CGH-4	0	0	1			0	0	0	0
CGH-5	0	0	1			0	0	0	0
CGH-6	3,789	3,802	1.91			25	(1)	24	600
CGH-7	1,968	1,980	0.71			9	0	9	410
CGH-8	0	0	1			0	0	0	0
CGH-9	56	56	1.18			0	0	0	0
CGH-10	1,096	1,107	1.09			12	(1)	11	203
CGH-11	507	507	1			0	0	0	0
					SUB TOTAL (COELHO-GARDNER-HANSEN)			44	1,213
BF-1	2,699	2,782	1			83	(4)	79	626
BF-2	169	282	1			113	(6)	107	718
BF-3	0	0	1			0	0	0	333
BF-4	122	188	1			66	(3)	63	267
BF-5	139	219	1			80	(4)	76	647
					SUB TOTAL (BAKER FARMING)			325	2,591
FWD-1	9,705	9,846	1			141	(7)	134	1,020
FWD-2	9,503	9,663	1			160	(8)	152	1,038
FWD-3	2,477	2,692	1			215	(11)	204	1,178
FWD-4	2,650	2,866	1			216	(11)	205	1,435
FWD-5	432	705	1			273	(14)	259	1,927
					SUB TOTAL (FARMERS WATER DISTRICT)			954	6,598

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
METER READINGS-MENDOTA POOL
NON PROJECT WELLS
Nov-21

MEYERS-6	0	0	1		No Meter	0	0	0	0
MEYERS-7	0	0	1		No Meter	0	0	0	0
MEYERS-EW1A	163	163	1			0	0	0	296
MEYERS-EW1B	387	387	1			0	0	0	367
MEYERS-EW2A	744	744	1			0	0	0	444
MEYERS-EW2B	431	431	1			0	0	0	360
MEYERS-EW3A	1,059	1,059	1			0	0	0	90
MEYERS-EW3B	257	257	1			0	0	0	200
MEYERS-EW5	249	249	1			0	0	0	507
MEYERS-EW6	390	390	1			0	0	0	575
MEYERS-EW7	770	770	1			0	0	0	617
MEYERS-EW8	4	4	1			0	0	0	863
MEYERS-EW9	823	823	1			0	0	0	683
MEYERS-EW10	802	802	1			0	0	0	288
MEYERS-EW11	398	398	1			0	0	0	514
MEYERS-EW12	824	824	1			0	0	0	431
MEYERS-EW13	1,443	1,443	1			0	0	0	1,042
MEYERS-EW14	1,289	1,289	1			0	0	0	915
MEYERS-M1	564	564	1			0	0	0	328
MEYERS-DW1	476	476	1			0	0	0	620
MEYERS-DW1A	386	386	1		No Meter	0	0	0	0
					SUB TOTAL (MEYERS FARMING)			0	9,140
SILVER CREEK-3B	1,269	1,269	1			0	0	0	289
SILVER CREEK-4B	792	792	0.97			0	0	0	176
SILVER CREEK-5B	741	741	1		No Meter	0	0	0	0
SILVER CREEK-6B	149	149	1		No Meter	0	0	0	0
					SUB TOTAL (SILVER CREEK)			0	465
FRESNO SLOUGH-1	0	0	1			0	0	0	0
FRESNO SLOUGH-2	15,731	15,731	1			0	0	0	0
FRESNO SLOUGH-3	3,204	3,204	1			0	0	0	2,174
FRESNO SLOUGH-4	2,721	2,721	1			0	0	0	288
					SUB TOTAL (FRESNO SLOUGH)			0	2,462
FCC - FCWD2	0	0	1			0	0	0	0
FCC - FC 40	3,893	3,893	1			0	0	0	0
FCC - CITY WELL	362,061	394,151	1			98	0	98	880
FCWD 7	4,102	4,102	1			0	0	0	1,166
					SUB TOTAL (FCWD)			98	2,046
FORDEL	5,780	5,780	1			0	0	0	2,669
COELHO WEST	138	138	0.86			0	0	0	870
CASACA VINYARDS	3,675	3,675	1			0	0	0	690
DPF	338	338	1			0	0	0	418
SOLO MIO	1,264	1,264	1			0	0	0	269
TRANQUILITY-1	5,631	5,638	1			7	0	7	2,192
TRANQUILITY-2	7,144	7,144	1		No Meter	0	0	0	1,494
TRANQUILITY-3	746	746	1			0	0	0	336
TRANQUILITY-4	179	179	1			0	0	0	351
TRANQUILITY-5	1,294	1,294	1			0	0	0	0
TRANQUILITY-6	1,920	1,920	1			0	0	0	339
TRANQUILITY-7	1,775	1,775	1			0	0	0	0
					SUB TOTAL (TID)			7	4,712
Carvalho-1	837	837	1			0	0	0	2
Carvalho-2	2,184	2,184	1			0	0	0	0
Carvalho-3	467	467	1			0	0	0	181
					SUB TOTAL (CARVALHO TRUST)			0	183
Etchegoinberry	0309	0373	1			64	(3)	61	1,676
Yribarren Farms	706	706	1			0	0	0	741
LSK-1	4,254	4,254	1			0	0	0	1,879
								MONTH	TOTAL
							TOTAL (ALL)	2,315	47,271

TABLE 19: GOVERNOR EDMUND G. BROWN CALIFORNIA AQUEDUCT
SAN LUIS FIELD DIVISION MONTHLY DELIVERIES

REVISED 12/14/2021

NOVEMBER 2021

REACH TOTALS	POOL	INFLOW INTO AQUEDUCT	CUSTOMERS	AMOUNT IN AF
R3A			Parks & Rec. @ San Luis Reservoir	0
6575			Santa Clara Valley Water District	6527
			Casa de Fruta (Santa Clara Valley Water District)	0
			San Benito Water District	48
R3	13		DFG @ O'Neill Forebay	52
	13		Parks & Rec. @ O'Neill Forebay	0
117	13		DWR Water Truck at O'Neill 0 AF for Cattle Program @ O'Neill Forebay	0
	13		San Luis Water District	65
R4	14		City of Dos Palos	47
	14		Pacheco Water District	284
	14		San Luis Water District	954
2546	14		Panoche Water District	7
	15		San Luis Water District	458
	15		Panoche Water District	243
	15		Westlands Water District	553
R5	16		DFG @ Lat. 4L (Pilibos)	0
	16		DFG @ Lat. 4L	0
	16		DFG @ Lat. 6L	0
	16		DFG @ Lat. 7L	0
1454	16		Westlands Water District	430
	17		Westlands Water District	45
	18		City of Coalinga	242
	18		Pleasant Valley Pumping Plant	434
	18		Westlands Water District	303
R6	19		Alta Gas	1
	19		City of Huron (P&R-Area 11) @ Lat. 22R	2
	19		DWR Water Truck @ 22R/F&G @ Lat.22R	0
921	19		Lemoore N.A.S. thru WWD 29L & 30L	106
	19		Kings County thru WWD 30L	0
	19		Westlands Water District	812
	20		City of Huron @ Lat. 23R	66
	20		DWR Water Truck @ 23R	7
	20		Westlands Water District	69
343	21		City of Avenal	174
	21		Kings County thru WWD 37L,38L	0
	21		Westlands Water District	27
11956	0		<---TOTALS--->	11956

TOTALS BY CUSTOMERS

Pacheco Water District	284
San Luis Water District	1477
Panoche Water District	250
Westlands Water District	2673
AltaGas	1
City of Huron @ LAT. 23R	66
City of Huron (P&R/Area 11 @ 22R)	2
Lemoore N.A.S. thru WWD @ 29L & 30L	106
DWR Water Truck @ 23R - Pool 20	7
City of Avenal	174
City of Dos Palos	47
City of Coalinga	242
DFG @ O'Neill Forebay	52
Pacheco Tunnel	6575
DFG @ Lateral 4L & 6L & 7L	0
DWR Water Truck @ 22R/F&G @ Lat.22R	0
Parks & Recreation	0
0 AF for DWR Water Truck at O'Neill, 1 AF for Cattle Program @ O'Neill Reservoir	0
Customers Total:	**11956**

Pool 12 - Reach 2B
VA Turnout Use AF = 6

DWR 3137(Rev.9/15)

11962

Monthly Availability Report

CW "Bill" Jones Pumping Plant

November - 2021

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts Pump	Comments
Unit-1	721	721.0	100.00%	0.0	0.00%	0.00%	0	1) Unit Rewind and Rotor Rehab
Unit-2	721	51.3	7.12%	0.0	0.00%	92.88%	3	1) Bushing Box Investigation
Unit-3	721	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-4	721	11.3	1.57%	0.0	0.00%	98.43%	3	1) Bushing Box Investigation
Unit-5	721	0.0	0.00%	0.0	0.00%	100.00%	1	
Unit-6	721	11.9	1.65%	0.0	0.00%	98.35%	3	1) Bushing Box Investigation
Total	4326	795.5	18%	0.0	0.00%	82.00%	10	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice

Monthly Availability Report

O'Neill Pump/Generating Plant

November - 2021

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts		Comments
							Pump	Gen	
Unit-1	721	6.2	0.86%	63.0	8.74%	90.40%	0	0	1) XFMR Yard Outage
Unit-2	721	6.2	0.86%	0.0	0.00%	99.14%	3	0	1) XFMR Yard Outage
Unit-3	721	13.6	1.89%	516.0	71.57%	26.54%	2	2	1) XFMR Yard Outage 2) Speed Head Repair
Unit-4	721	6.2	0.86%	0.0	0.00%	99.14%	3	0	1) XFMR Yard Outage
Unit-5	721	6.2	0.86%	25.8	3.58%	95.56%	2	1	1) XFMR Yard Outage 2) CW strainer plugged
Unit-6	721	6.2	0.86%	0.0	0.00%	99.14%	1	0	1) XFMR Yard Outage
Total	4326	44.6	1%	604.8	13.98%	85.02%	11	3	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice

Monthly Availability Report

DCI Pumping Plant

November - 2021

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts Pump	Comments
Unit-1	721	0.0	0.00%	0.0	0.00%	100.00%	4	
Unit-2	721	0.0	0.00%	0.0	0.00%	100.00%	4	
Unit-5	721	0.0	0.00%	0.0	0.00%	100.00%	2	
Unit-6	721	0.0	0.00%	0.0	0.00%	100.00%	4	
Total	2884	0.0	0%	0.0	0.00%	100.00%	14	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice

STAFF MEMORANDUM

TO: Board Members and Alternates

FROM: Scott Petersen, Water Policy Director

DATE: January 13, 2022

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
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 agriculture. Phase 3 was scheduled to occur from September 2020 to September 2021, but has been delayed.	$75,000
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	$30,000

	workplans and products, including Charters, presentations, whitepapers, and other materials to support collaborative science.	
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	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. 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.	$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

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
CSAMP 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 agriculture. Phase 3 was scheduled to occur from September 2020 to September 2021, but has experienced delays.	$65,000
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	$25,000
Water Blueprint for the San Joaquin Valley Education Fund	Facilitation support for the Water Blueprint for the San Joaquin Valley Education Fund	$10,000

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
- 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. Authority staff has executed master service agreements with 9 consultants for scientific and biological support services for on-demand services centered on the areas of expertise of the respective consultant and staffing availability. Specifically, staff anticipates need for additional technical and science expertise related to engagement in the reconsultation of the long-term biological opinions for the operations of the Central Valley Project and State Water Project, the anticipated listing determination for longfin smelt by the US FWS, the anticipated listing determination and rulemaking process for the foothill yellow legged frog, and others.

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.

MEMORANDUM

TO: SLDMWA Board of Directors, Alternates

FROM: John Brodie, Water Resource Programs Manager
Joe McGahan, Regional Drainage/Westside Watershed Coalition Coordinator

DATE: January 13, 2022

RE: Activity Agreements – Staff Report for December 2021

This memorandum serves as the Staff Report for December 2021 regarding specified[1] Water Authority activities not separately addressed on the Board meeting agenda.

1. Integrated Regional Water Management (IRWM) Activity Summary

San Joaquin River Funding Area (SJRFA)

Approximately $955,000 will be available to the Westside-San Joaquin (WSJ) IRWM Region within the SJRFA for the Proposition 1 Round 2 (P1R2) IRWM funding by prior agreement among the IRWM regions in the SJRFA. The Department of Water Resources (DWR) is accepting comments on the draft P1R2 Guidelines and Proposal Solicitation Package until February 8, 2022. Work continues on three projects in SJRFA from the Proposition 1 Round 1 funding, administered through SLDMWA.

Tulare-Kern Funding Area (TKFA)

The WSJ IRWM Region will also prepare an application for the P1R2 funding within the TKFA. There was no prior agreement between the IRWM regions in the TKFA on a funding split. Criteria are being developed for determining which projects in the TKFA will be submitted to DWR. A total of $34 Million will be available across the TKFA in Round 2.

Draft documents released by DWR say the original March 31, 2022 application deadline will be updated after the comment period closes next month.

General Westside-San Joaquin Integrated Regional Water Management Plan (IRWMP)

The WSJ IRWM Region's Project Proponents and SLDMWA staff are updating the Opti database of projects. The Technical Advisory Committee will rank the projects once DWR establishes a list

[1] For the sake of completeness, this includes those Activity Agreements that have been approved by the Board of Directors, but not yet signed by all interested members and/or participants (i.e., the Los Vaqueros Expansion Project Activity Agreement, the Exchange Contractors 2019-2023 Transfer Program Activity Agreement, and the Westside-San Joaquin Integrated Regional Water Management Activity Agreement).

of priorities, eligible projects and expenses, and completion deadlines for the P1R2 funding opportunity.

Staff is working on an annual report for the WSJ IRWM Region. The report will highlight activities during the 2021 water year across the region. The targeted release date for the report is February 1, 2022.

2. Sustainable Groundwater Management Activity (SGMA) Activity Summary

Northern and Central Delta-Mendota Regions

The Northern and Central Management Committees held their regular joint meeting in mid-December. The Committees approved a strategy for cooperating with other GSP Groups in the Subbasin to apply for an anticipated $7.6 million of SGMA Round 1 Implementation funding. Round 1 funding is targeted for critically over-drafted subbasins, including the Delta-Mendota Subbasin.

Northern and Central Representatives met with representatives from the Tracy Subbasin for an informal interbasin coordination session in early January. In addition to the draft Tracy Subbasin GSP, discussion items included goals and desired outcomes for long-term interbasin coordination and identifying a process for data and information sharing.

General SGMA Activities

DWR issued an initial "assessment" letter for its evaluation of the approach used by the six GSP Groups in the Delta-Mendota Subbasin. Unlike other similar letters issued previously by DWR's SGMA unit, this letter provided no detailed comments for local GSP Groups to use in developing strategies to bring the plans into compliance. Each Group is analyzing its own GSP to identify possible areas where DWR might deem them insufficient, based on letters previously issued by DWR to other subbasins.

DWR did say the Delta-Mendota Subbasin's GSPs will be deemed "inadequate" when the the official evaluation is released later this month. The Subbasin will have six months from the official evaluation release date to submit satisfactory plans or risk implementation intervention from the State Water Resources Control Board.

The Subbasin's GSP Group representatives are working on project activities to submit for the upcoming SGMA Round 1 Implementation funding opportunity. The funds are from SB 170 and will be administered by DWR. Funding applications are due to DWR by 12 noon on February 18, 2022. Allowable activities include projects and preparing responses to DWR comments on the Subbasin's GSPs. Per the adopted guidelines, one GSA must submit a single application on behalf of the entire Subbasin.

Work is in the final stages for the Subbasin's Proposition 68 Sustainable Groundwater Management (SGM) grant. Both a well census and inventory project and a Subbasin-wide subsidence characterization and project feasibility study will be completed by the end of the fiscal year. The consultant conducting the Delta-Mendota Subbasin Subsidence Characterization and Project Feasibility Study will hold the second of a possible three presentations to a special

Technical Working Group meeting in late January. Information from each GSP Group's well census and inventory project will be used in the Subsidence Study.

All GSAs and member agencies worked with staff to upload Fall water level monitoring results to DWR's SGMA Portal prior to the January 1, 2022 deadline. Staff is also working with GSAs to complete volumetric reporting information as part of the Subbasin's Annual Report information. The SGMA Annual Report is due April 1, 2022.

3. Drainage Activity Summary

Grassland Basin Drainage Management Steering Committee Activity Summary

Mud Slough Restoration Project: The project is to restore Mud Slough (north) flows to the Newman Lake north of Highway 140 and to remove structures within the state's China Island Refuge. The CEQA Initial Study was circulated for public comment on June, 30, 2021 and comments were due on July 30, 2021. Comments were received from the State Water Resources Control Board Division of Water Rights, the California Department of Fish and Wildlife and a group of 18 parties comprised of the Planning and Conservation League and others. Consultants have reviewed the comments. The Grassland Basin Drainers Steering Committee reviewed the comments and responses on November 19, 2021 and, recommended adoption of the Final Mitigated Negative Declaration and Project Approval by the Authority at the December 9, 2021 meeting, which was adopted.

Threat to Fish Report: The GBD were required to submit a report on July 31, 2021 under Section 13267 of the California Water Code that would include all data available on fish tissue sampling since the beginning of the Grassland Bypass Project since 1996. Comments were received by the Regional Board and responses are being prepared.

Other ongoing activities: Continue to review GBD invoices, prepare annual monitoring reports, support for ongoing litigation and data management and management of the Third Party Group for the Grassland Drainage Area Coalition to implement the Irrigated Lands Regulatory Program. Work includes participation in activities for groundwater protection values. Additionally, the program updated the Regional Board on the status of the GBP at the December 9, 2021 Board workshop and is working with the subcommittee overseeing expenditure of the supplemental mitigation fund. Coordinate response to rainfall events regarding possible discharges to the GBP. No discharges were required.

San Joaquin Valley Drainage Authority Activity Summary

Continue management of the Westside San Joaquin River Watershed Coalition to comply with the Irrigated Lands Regulatory Program. Follow up calls and emails were answered to assist farmers in completing their paperwork requirements. Manage field monitoring program and provide update of the management plan to the Regional Board. Review invoices from consultants and prepare letters to admin staff. Continue to update membership database. Organize and make presentation to outreach meetings for surface and groundwater management plan. Assist grower members in completing the required reporting forms and self-certification requirements. Enter farmer evaluation and nitrogen summary reports into coalition database.

Participate in group conference calls regarding surface and groundwater management plans, groundwater protection formulas and the CVSalts prioritization and optimization studies. Participate in Central Valley Groundwater Monitoring Collaborative conference calls. Participate in Regional Board quarterly conference calls.

Begin planning for development of Management Zone implementation. Manage ongoing monitoring. Revise the QAPP for the monitoring program.

Management continued for the Prop 84 Real Time Management Program Grant for compliance with the San Joaquin River Salt and Boron TMDL. Follow up and direct field work in northerly stations. Organize and lead September SJVDA Board meeting.

San Luis & Delta-Mendota Water Authority
Procurement Activity Report
From December 2, 2021 to January 4, 2022

Date Executed	Contract Title	Vendor or Service Provider	Contract Amount	Contract Solicitation Type	Contract Type	Funding Source	Notes
12/21/2021	O'Neill Pumping Plant Cathodic Protection System	Farwest Corrosion Control Co.	$ 138,250.00	Invitation For Bid	Construction	EO&M (Fund Code - J4)	Specification No. F22-OPP-068

CONTRACT CHANGE ORDER NOTIFICATIONS:

Date Executed	Contract Title	Vendor or Service Provider	Change Order Amount	Original Contract Amount	% Change	Justification
NOTE: NO CONTRACT CHANGE ORDERS WERE ISSUED DURING THIS REPORT PERIOD						

This Procurement Activity Report is intended to satisfy the requirements in the San Luis & Delta-Mendota Water Authority's Consolidated Procurement Policy that the Board be notified of all contracts awarded under informal and formal bidding procedures and single-source procedures, as well as certain change orders, promptly following award.

MEMORANDUM

TO: SLDMWA Board of Directors, Alternates

FROM: Rebecca Akroyd, General Counsel

DATE: January 13, 2021

RE: 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 January 13, 2022 – February 12, 2022 Pursuant To Brown Act Provisions

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BACKGROUND

On March 4, 2020, Governor Gavin Newsom proclaimed a state of emergency to exist in California as a result of the threat of COVID-19. Subsequently, the Governor issued a number of Executive Orders that suspended certain provisions of the Brown Act, and allowed local legislative bodies to hold public meetings via teleconferencing and to make public meetings accessible telephonically or otherwise electronically to all members of the public seeking to observe and to address the local legislative body, without requiring the physical presence of members, staff, or the public as a condition to participation for a meeting (Executive Order N-25-20 (Mar. 12, 2020); Executive Order N-29-20 (Mar. 17, 2020); Executive Order N-08-21 (June 11, 2021)). The last of these Executive Orders, N-08-21, rescinded the aforementioned modifications made to the Brown Act, effective September 30, 2021.

On September 16, 2021, the Governor signed AB 361, which immediately amended the Brown Act to permit teleconference meetings when the Governor has declared a state of emergency and certain other conditions are met. In such a situation, regular Brown Act teleconference provisions are suspended, the legislative body must make specific findings, and specific procedural mandates must be followed.

On September 30, 2021, the Water Authority Board of Directors adopted Resolution 2021-488, which proclaimed a local emergency, ratified the Governor's March 4, 2020 State of Emergency, and authorized remote teleconference meetings of the legislative bodies of the Water Authority for the period September 30, 2021 – October 29, 2021. Subsequently, the Board adopted Resolution 2021-490, Resolution 2021-491, Resolution 2021-492, and Resolution 2021-498 which together re-ratified the state of emergency and re-authorized remote teleconference meetings for the period October 7, 2021 – January 13, 2022.

Adoption of the resolution will allow the Water Authority's Board and standing committees to conduct business remotely in compliance with Government Code section 54953(e), through February 12, 2022.

ISSUE FOR DECISION

Whether to adopt the proposed 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 January 13, 2022 – February 12, 2022 Pursuant to Brown Act Provisions.

RECOMMENDATION

Staff recommends adoption of the proposed resolution.

ANALYSIS

Adopting the proposed resolution will allow the Water Authority's legislative bodies[1] to continue to conduct meetings via teleconference in conformity with Government Code section 54953(e), as amended by AB 361. Specifically, 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.

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 for all attendees would pose an imminent risk to the health and safety of the attendees. 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). If conditions improve, the Board can also take action to rescind the Resolution prior to its expiration.

If the Board does not adopt the resolution the Board's prior resolution will expire as a matter of law and pursuant to its own terms on January 13, 2022, and in-person attendance will be required, or for those calling in, compliance with the notice and posting, in-person participation, and quorum requirements in Government Code section 54953(b)(3).

[1] Board of Directors, Water Resources Committee, Finance & Administration Committee, O&M Technical Committee, GBD Steering Committee, DHCCP Steering Committee, SGMA Northern Delta-Mendota Region Management Committee, and SGMA Central Delta-Mendota Region Management Committee.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

RESOLUTION NO. 2022-___

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 JANUARY 13, 2022 – FEBRUARY 12, 2022 PURSUANT TO BROWN ACT PROVISIONS

WHEREAS, the San Luis & Delta-Mendota Water Authority ("Water Authority") is committed to preserving and nurturing public access and participation in meetings of its Board of Directors ("Board") and other legislative bodies; and

WHEREAS, all meetings of the Water Authority's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code §§ 54950 – 54963), so that any member of the public may attend, participate, and watch the Water Authority's legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provision for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, Government Code section 54953(e)(1) provides a legislative body may meet via teleconference if the Governor has proclaimed a state of emergency pursuant to Government Code section 8625 proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558 and either (i) state or local officials have imposed or recommended measures to promote social distancing, (ii) the legislative body meets to determine by majority vote that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees, or (iii) the legislative body has voted as such and is meeting pursuant to that vote; and

WHEREAS, a legislative body's decision to meet pursuant to Section 54953(e) must be reevaluated and renewed at least every thirty (30) days and, in that time, the body must reconsider the circumstances of the state of emergency and find either (i) a state of emergency remains active and continues to directly impact the ability of the members to meet safely in person or (ii) state or local officials continue to impose or recommend measures to promote social distancing; and

WHEREAS, on March 4, 2020, Governor Gavin Newsom proclaimed a state of emergency pertaining to the threat to human health and safety posed by the COVID-19 virus pandemic and that proclamation remains in effect to this day in Merced County and statewide; and

WHEREAS, the virus has short- and long-term effects – fever and chills, cough, shortness of breath and difficulty breathing, fatigue, headache, nausea, vomiting, gastrointestinal issues, loss of taste and smell, death – and its prolific spread is severely impacting the health care system, inhibiting access to care for COVID-19 symptoms and other ailments; and

WHEREAS, while being vaccinated significantly decreases the likelihood of contracting or dying from the virus, vaccinated and unvaccinated people alike can carry, transmit, and be affected by the virus; and

WHEREAS, the COVID-19 virus, and its variants, is spread through the air when a person who is carrying the virus, whether he or she is showing symptoms or not, is in close proximity to another person; and

WHEREAS, while the COVID-19 virus remains present in the community, allowing members of the Water Authority's legislative bodies and members of the public to meet in person continues to present an imminent risk to attendee health and safety beyond the control of Water Authority services, personnel, equipment, and facilities; and

WHEREAS, pursuant to Government Code section 8635 et seq., the Board has the authority during a state of emergency to take all actions necessary to perform its functions in the preservation of law and order, preservation of the furnishing of local services, and protection of life and property, which includes the authority to direct meetings of all Water Authority legislative bodies to be held via teleconference pursuant to this Resolution; and

WHEREAS, the Board adopted Resolution No. 2021-488 on September 30, 2021, Resolution No. 2021-490 on October 7, 2021, Resolution No. 2021-491 on November 4, 2021, Resolution No. 2021-492 on November 29, 2021, and Resolution No. 2021-498 on December 14, 2021 finding that the requisite conditions exist for the legislative bodies of the Water Authority to hold meetings via teleconference pursuant to Government Code section 54953(e) and without compliance with Section 54953(b)(3); and

WHEREAS, the Board has reconsidered the circumstances of the state of emergency issued by the Governor, does hereby find emergency conditions persist in the Water Authority's service area that directly impact the ability of all meeting attendees to meet safely in person, and desires for Water Authority legislative bodies to continue to meet pursuant to Government Code section 54953(e); and

WHEREAS, the Board has reconsidered the circumstances of the state of emergency issued by the Governor, does hereby find emergency conditions persist in the Water Authority's service area that directly impact the ability of all meeting attendees to meet safely in person, and desires for Water Authority legislative bodies to continue to meet pursuant to Government Code section 54953(e); and

WHEREAS, the Board does hereby find that the legislative bodies of the Water Authority shall conduct their meetings pursuant to Government Code section 54953(e) by offering all meeting attendees access and an opportunity to comment via a teleconference option; and

WHEREAS, the Water Authority has taken and is taking measures to ensure public access and opportunity to offer public comment, including by providing teleconference and/or video conferencing access to members of the public for all meetings of Water Authority legislative bodies.

NOW, THEREFORE, BE IT RESOLVED, AS FOLLOWS, THAT:

Section 1. The facts stated in the recitals above are true and correct, and the Board so finds and determines.

Section 2. The Board hereby considers the conditions of the state of emergency related to the COVID-19 virus pandemic in the Water Authority's service area and finds the state of emergency continues to directly impact the ability of Water Authority legislative body members and attendees to meet safely in person given the spread of the Delta variant of the COVID-19 virus throughout the state, the "high" level of community transmission in Merced County noted on the Centers for Disease Control and Prevention COVID-19 Integrated County View website as of January 7, 2022, and the current number of infections in Merced County and other counties where the Water Authority's member agencies are located.

Section 3. The Board hereby re-ratifies the Governor of the State of California's Proclamation of State of Emergency related to the COVID-19 virus pandemic, effective as of its issuance date of March 4, 2020.

Section 4. The staff and legislative bodies of the Water Authority are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (1) February 12, 2022, (2) such time the Board adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the Water Authority may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953, or (3) the Board acts to rescind this Resolution.

PASSED, APPROVED AND ADOPTED this 13th day of January, 2022, by the Board of Directors of the San Luis & Delta-Mendota Water Authority.

_____

Cannon Michael, Chairman
San Luis & Delta-Mendota Water Authority

Attest:

_____

Federico Barajas, Secretary

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I hereby certify that the foregoing Resolution No. 2022-___ was duly and regularly adopted by the Board of Directors of the San Luis & Delta-Mendota Water Authority at the meeting thereof held on the 13th day of January, 2022.

_____

Federico Barajas, Secretary

MEMORANDUM

TO: SLDMWA Board of Directors, Alternates

FROM: Pablo Arroyave, Chief Operating Officer
Jaime McNeil, Engineering Manager

DATE: January 13, 2022

RE: Adoption of Resolution Making Single Source Findings and Authorizing Execution of Single Source Contract for Purchase of Flowmeters from McCrometer, Inc. and Expenditure of up to $254,000 from the FY22 EO&M Budget

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BACKGROUND

The DMC Turnout Flowmeter Upgrade is a three phase project. Phase I was funded in FY20 and completed in FY21 and consisted of the purchase and installation of fifty-seven (57) Water Specialties flowmeters manufactured and sold by McCrometer, Inc. The flowmeters were purchased with a single-source contract authorized by the SLDMWA Board of Directors on October 8, 2020 through Resolution No. 2020-472 (see attached).

The Authority is again pursuing a single-source contract with McCrometer, Inc. for the purchase of sixty-two (62) Water Specialties flowmeters to complete Phase II of the project. The purchase of Water Specialties flowmeters is required to interface with the newly replaced flowmeters from Phase I, and the newly implemented water accounting software (STORM).

The Authority has partially implemented an automated meter reading and reporting process through standardized flowmeters and STORM in a three phase process. The same flowmeters purchased during Phase I need to be purchased in Phase II (and ultimately in Phase III) in order to accomplish the final goal of a system of equipment that functions seamlessly together.

ISSUE FOR DECISION

Whether the Board should adopt the resolution making single source findings and authorizing the execution of a single source contract for the purchase of flowmeters from McCrometer, Inc. and related expenditure of up to Two Hundred Fifty-Four Thousand Dollars ($254,000) from the FY22 EO&M Budget.

RECOMMENDATION

Staff recommends adoption of the proposed resolution.

ANALYSIS

The Water Authority routinely maintains DMC turnout flowmeters and takes volumetric meter readings on a monthly basis for the 200 plus flowmeters installed within the DMC. Fifty-Seven (57) of those flowmeters have already been replaced during Phase I.

Under current water flowmeter operations, excluding Phase 1 flowmeters, it could take upwards of a month to discover a potential problem with the flowmeter and an additional two weeks for repair, if needed. An automated system has been developed with Phase 1, but cannot be fully functional until all flowmeters have been upgraded. Once fully implemented, the automated database will allow Water Operations to match water orders with flowmeter data to better manage water deliveries, and be alerted in case of turnout malfunctions. This single-source authorization of Phase II of III will accelerate the full replacement and modernization of the flowmeters over the next two (2) Fiscal Years.

Purchase of the flowmeters from McCrometer will:

1. Interface with the existing water accounting database;
2. Interface and maintain consistency among new turnout meters;
3. Allow for automated meter reading of all new turnout meters;

The Water Specialties Open Channel Flowmeter has been chosen as a single-source product for the primary reason:

-Water Specialties Open Channel Flowmeters are required to interface both with the newly replaced meters from Phase I, and the recently implemented water accounting software, STORM.

The only meter which meets the requirements of interfacing with products currently in use by the Authority is the Water Specialties Open Channel Flowmeter. In addition, McCrometer is the only manufacturer of Water Specialties meters and is selling them to the Authority at verified dealer prices. No authorized dealers are able to compete with the manufacturer themselves.

BUDGET IMPLICATIONS

The FY22 EO&M Budget includes $250,000 for this purchase; the proposed expenditure is slightly over this amount, but the overage is covered within the broader EO&M budget.

ATTACHMENTS

1. Proposed Resolution
2. Single Source Justification
3. Draft Equipment Purchase Agreement
4. Phase I Resolution, 2020-472

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

RESOLUTION NO. 2022-___

RESOLUTION MAKING SINGLE SOURCE FINDINGS AND AUTHORIZING EXECUTION OF SINGLE SOURCE CONTRACT FOR PURCHASE OF FLOWMETERS FROM McCROMETER, INC. AND EXPENDITURE OF UP TO $254,000 FROM THE FY22 EO&M BUDGET

WHEREAS, the San Luis & Delta-Mendota Water Authority ("Water Authority") routinely maintains Delta-Mendota Canal ("DMC") turnout flowmeters and takes volumetric meter readings on a monthly basis for more than 200 flowmeters; and

WHEREAS, the San Luis & Delta-Mendota Water Authority ("Water Authority") purchased fifty-seven (57) flowmeters from McCrometer, Inc. through a single-source justification authorized by the Water Authority Board of Directors in October 2020 through Resolution No. 2020-472; and

WHEREAS, the Water Authority partially integrated the fifty-seven (57) flowmeters purchased during Phase I, but full implementation of the new water accounting system will not occur until all flowmeters have been replaced with McCrometer flowmeters that automatically transmit flowmeter readings through telemetry on a daily basis at midnight.

WHEREAS, after evaluation, Water Authority staff has determined, based on the facts summarized in Attachment 1, that only the products offered by McCrometer, Inc. match or interface with other products in use by the Water Authority and meet the Water Authority's needs; and

WHEREAS, Water Authority staff has determined through market research that Water Specialties meters are only available from McCrometer, Inc.; and

WHEREAS, operation of the approximately 150 flowmeters that have not been replaced, which require in-person inspection, involve delays in discovering potential problems with individual meters and making repairs, if needed; and

WHEREAS, the approximately 150 flowmeters have exhausted their useful life and are in need of replacement, and an automated system will allow Water Authority staff to more quickly and effectively investigate and resolve problems with individual meters; and

WHEREAS, Section 1.1. of the Authority's Consolidated Procurement Policy, adopted by Resolution on April 10, 2020, requires the Board to specifically authorize contracts greater than $200,000, and Section 2.3 requires the Authority to make specific findings prior to making a single source purchase; and

WHEREAS, funds for the replacement of the Delta-Mendota Canal (DMC) Turnout Flowmeters are included in the approved Fiscal Year 2022 Extraordinary Operation and Maintenance Budget; and

WHEREAS, Water Authority staff recommends that the McCrometer, Inc. flowmeters ("Water Specialties Flow Meters") be selected as a single source goods solution for the Water Authority and that a contract with McCrometer, Inc. be authorized.

NOW, THEREFORE, BE IT RESOLVED, AS FOLLOWS, THAT:

Section 1. The facts stated in the recitals above are true and correct, and the Board so finds and determines.

Section 2. Based on the above Recitals and the facts as stated in Attachment 1, the Board hereby finds as follows:

(a) Only the McCrometer Water Specialties Flow Meters match with other products in use by the Authority, and;

(b) McCrometer Water Specialties Flow Meters are only available from one source.

Section 3. Based on the facts as stated in Attachment 1, including cost comparisons performed by Water Authority staff in researching software solutions, the price proposed for the McCrometer flowmeters is within the approved budget for the current year and fair and reasonable for flowmeters performing the required functions.

Section 4. The Executive Director, for and on behalf of the Water Authority, is hereby authorized and directed to execute an Equipment Purchase Agreement with McCrometer, Inc. for goods on substantially the terms discussed with the Board, as well as to take such actions as may be required or authorized by this Board to effectuate those agreements.

PASSED, APPROVED AND ADOPTED this 13th day of January, 2022, by the Board of Directors of the San Luis & Delta-Mendota Water Authority.

_____

Cannon Michael, Chairman
SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

Attest:

_____

Federico Barajas, Secretary

*****

I hereby certify that the foregoing Resolution No. 2022-___ was duly and regularly adopted by the Board of Directors of the San Luis & Delta-Mendota Water Authority at the meeting thereof held on the 13th day of January, 2022.

_____

Federico Barajas, Secretary

BRAND NAME / SINGLE SOURCE PROCUREMENT JUSTIFICATION

Item for brand name procurement:	Water Specialties Open Channel Flow meters
If only one source/supplier available, name of single supplier/source:	McCrometer, Inc.
Total Amount of Procurement including taxes:	Not to exceed $254,000
Specification Number:	F22-DMC-067

For any brand name procurement, the Project Manager must complete this form and return it to the Contract Specialist for review and procurement authorization. Attach additional pages of explanation if necessary. **A BRAND NAME OR SINGLE SOURCE PROCUREMENT MAY NOT PROCEED UNTIL THE REQUIRED SIGNATORIES SIGN THIS FORM.** (**Brand Name** is procurement in which there is only one specific product that can reasonably meet your need, for one of the reasons stated in the Authority's Consolidated Procurement Policy. **Single Source** is procurement in which only *one* vendor/supplier is capable of supplying this specific brand/product.) Identify the reason for specifying a single product (mark which one or more is applicable):

_X_ Specified product is necessary to match or interface with other products in use

___ Authority needs to purchase the specified product to field test or experiment to determine the product's suitability for future use

___ Only the specified product will meet the Authority's needs

1) BACKGROUND STATEMENT – Provide information that would assist the reader in understanding the history (e.g., funding source, constraints, contractor's business, development of the product or service, ownership of product or service, existing or planned use by the Authority) of this purchase.

The DMC Turnout Flowmeter Upgrade is a three phase project. Phase I was funded in FY20 and completed in FY21 and consisted of the purchase and installation of fifty-seven (57) Water Specialties meters manufactured and sold by McCrometer, Inc. The meters were purchased with a single-source contract authorized by the board on October 8, 2020 through Resolution No. 2020-472 (see attached).

The Authority is again pursuing a single-source contract with McCrometer, Inc. for the purchase of sixty-two (62) Water Specialties meters to complete phase II of the project. While the previous justification is still applicable and attached for reference, it is more relevant to make the finding that Water Specialties flowmeters are required to interface with the newly replaced meters from Phase I, and the newly implemented water accounting software (STORM).

The Authority has partially implemented an automated meter reading and reporting process through standardized meters and STORM through a three phase process. The same meters purchased during Phase I need to be purchased in Phase II to accomplish the final goal of a final system of equipment that functions seamlessly together.

BRAND NAME / SINGLE SOURCE PROCUREMENT JUSTIFICATION

Item for brand name procurement:	Water Specialties Open Channel Flow meters
If only one source/supplier available, name of single supplier/source:	McCrometer, Inc.
Total Amount of Procurement including taxes:	Not to exceed $254,000
Specification Number:	F22-DMC-067

2) FEATURES REQUIREMENTS – What design or performance features are essential to your requirements? Please provide a brief, yet technical explanation as to why these features are essential. Is this item truly the *minimum* need or requirement? How was this determined? Can you modify the specifications so that more than one Brand/Vendor is qualified, or is there an acceptable substitute (i.e.: comparable or identical) for the item for which competition does exist? If no, explain. Provide the manufacturer and model of your existing equipment. List the major features/capabilities of the product/service that are required:

The Authority has begun implementing a complete replacement of the existing outdated Sparling brand meters that have historically been installed in the Delta-Mendota Canal turnouts through a three phase process. The meters that will be purchased in Phase II are required to operate the same as the Water Specialties meters purchased in Phase I that are currently in use. The new meters will come with the same built in telemetry system already in use, and interface with the existing water accounting database, STORM. No other meters on the market could function in the same integrated, seamless fashion as Water Specialties.

3) COMPETING BRANDS INVESTIGATED – What suppliers did you contact? (Please include names of all sales representatives contacted and their telephone numbers.) How was vendor availability determined? Did you consider other products or services with similar capabilities? Indicate the specific brands/models of competitors' products that were investigated and describe why, specifically, they do not meet some, or all, of the FEATURES REQUIREMENTS listed in Item #3. For the selected product, is this simply the best source/brand, or really the only source that meets minimum requirements? Did the process involve checking prior procurements for the same or similar items? Requestor needs to state that to the best of his/her knowledge, these are the only companies that make this type of equipment or provide this service.

During Phase 1, Water Operations invited several vendors to meet and discuss flow metering options. TechnoFlo and McCrometer Water Specialties open channel propeller flow meters were looked at.

TechnoFlo's proposal did not offer a telemetry option. Collection of data through TechnoFlo's technology requires staff to drive by the site, therefore not meeting SLDMWA needs.

McCrometer Water Specialties meters were the only meters that offered both remote collection and transmitting capabilities (telemetry) of data. The telemetry portion of the Water Specialties meters provide the necessary electronics built-in that allow automated meter readings. (Note: Water Specialties was acquired by McCrometer and manufactures both Water Specialties meters, and McCrometer meters. However, the delineation between "Water Specialties" meters and "McCrometer" meters remains in place and were evaluated separately by the Water Authority.) With the completion of Phase I, Water Specialties meters are required to interface with Existing Storm Database and to further the goal of completing turnout meter replacement utilizing one-meter style

BRAND NAME / SINGLE SOURCE PROCUREMENT JUSTIFICATION

Item for brand name procurement:	Water Specialties Open Channel Flow meters
If only one source/supplier available, name of single supplier/source:	McCrometer, Inc.
Total Amount of Procurement including taxes:	Not to exceed $254,000
Specification Number:	F22-DMC-067

and implementing a fully automated system to free up Water Operations staff to shift focut so maintenance versus meter reading.

4) SINGLE SOURCE: Is the specific brand/model of product being recommended for procurement available from more than one source (i.e., dealers, distributors)? Please indicate yes or no. If "Yes," this will be processed as a brand name only procurement. If only one source is available for this specific product/brand, this will be processed as a *single source procurement.* Please provide the company name(s) of known sources below.

Only one manufacturer exists for the Water Specialties Open Channel Flow meters, with a limited number of dealers that are based by region. Distributers do not stock the items because each meter has a stem length that is custom to the turnout it will be installed in. This fact was confirmed during Phase I by a distributer found through independent research. The manufacturer (McCrometer) doesn't typically sell direct to customers but has made an exception in this case. This exception was due to the large number of custom orders, and in order to provide direct technical support with the telemetry portion of the meters. The manufacturer informed the Authority they are selling the meters to the Authority at their dealer rate. This fact was confirmed by acquiring a quote from the local dealer. The dealer was not able to beat, or match the manufacturer's pricing. The Authority's research has confirmed that McCrometer is providing the meters at a fair market price.

5) CONFLICT OF INTEREST STATEMENT – The Requestor agrees that there is no real or potential conflict of interest in recommending this product and/or service as a brand name or sole source procurement. (NOTE: If you do have a real or potential conflict of interest, please contact the appropriate Purchasing Agent.)

No conflict of interest is present.

BRAND NAME / SINGLE SOURCE PROCUREMENT JUSTIFICATION

Item for brand name procurement: Water Specialties Open Channel Flow meters

If only one source/supplier available, name of single supplier/source: McCrometer, Inc.

Total Amount of Procurement including taxes: Not to exceed $254,000

Specification Number: F22-DMC-067

COMPLETED AND REQUESTED BY:

By:_____

Jaime McNeil, Engineering Manager

Date: 12/15/2021

AUTHORIZATION: Check Box

By:_____ ☒ Reviewed

Lisa Freitas, Contract Specialist

Date: _____

By:_____ ☐ Approved ☐ Denied

Pablo Arroyave, Chief Operating Officer

Date: _____

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

EQUIPMENT PURCHASE AGREEMENT

This Equipment Purchase Agreement ("Agreement") is made and entered into effective _____, 2022 in the State of California, by and between the San Luis & Delta-Mendota Water Authority ('SLDMWA") and McCrometer, Inc., a California Corporation ("Contractor"), and subject to the terms and conditions set forth herein.

SLDMWA and Contractor agree as follows:

1. SCOPE OF WORK

Contractor shall furnish the equipment and/or materials described in Scope of Work/ Specifications (also referenced as McCrometer Quote) and/or Purchase Order set forth in Exhibit A at the price or prices set forth opposite each item within the times stated and in accordance with the General Conditions set forth in Exhibit B, each exhibit attached hereto and incorporated herein.

Any change in the Scope of the Work or schedule set forth herein, or to any other matter materially affecting the performance of or nature of the Scope of Work will not be paid for or accepted unless such change, addition or deletion is approved in advance, in writing, by SLDMWA.

2. PARTY REPRESENTATIVES AND NOTICES

Each party's designated representative for administration of this Agreement and receipt of notices is designated below. All notices or other communications provided for by the Agreement shall be in writing and shall be sent by 1) personal delivery, 2) nationally-recognized overnight delivery service (such as Federal Express) which provides evidence of delivery, 3) first class United States mail (postage prepaid), registered or certified, return receipt requested, or 4) e-mail with a copy by first class U.S. mail. Notice shall be deemed received on the date actually delivered if delivered by personal delivery, overnight delivery, or U.S. Mail with return receipt requested and delivered during normal business hours on a business day. Notice by e-mail shall be deemed delivered on the date of transmission, unless the same is after 5:00 p.m. or on a weekend or holiday, in which event delivery shall be on the next business day. A party may change its address for notices under the Agreement by giving notice as provided herein. Notices shall be sent to the following party representatives at the following addresses:

Contractor	SLDMWA
McCrometer, Inc. 3255 West Stetson Ave. Hemet, CA 92545 Pamela Fuller pamf@mccrometer.com 951-757-6416	Rehman Khan San Luis & Delta-Mendota Water Authority 15990 Kelso Road Byron, CA 94514-9614 Rehman.khan@sldmwa.org 209-832-6211

IN WITNESS WHEREOF, this Agreement has been executed by and on behalf of the parties hereto, the day, month and year so indicated above. If Contractor is a corporation, partnership or limited liability company, documentation must be provided that the person signing below for Contractor has the authority to do so and to so bind Contractor to the terms of this Agreement.

Contractor	San Luis & Delta-Mendota Water Authority
By: _____ (Signature) _____ (Print Name & Title) _____ (Company Name)	By: _____ Pablo R. Arroyave Chief Operating Officer San Luis & Delta-Mendota Water Authority

EXHIBIT A – PURCHASE ORDER

Purchase Order follows on next page.

EXHIBIT A
TECHNICAL SPECIFICATIONS

McCROMETER

Codes: 001 / 032 / 066

Shipping Terms: FCA SELLER'S PREMISES (FCA)

Est. Lead Time: (4) Weeks Per Batch

*Actual lead time will be confirmed upon order acceptance.

Project Name: Phase Two - Open Flow / FlowConnect

Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
1.000	.	FlowConnect Specification AT&T Cellular, battery powered, digital display with data collected & delivered once a day.	1	EA				
2.000	OF12D-16	16" Open Flow Meter, 133" Drop Pipe Meter Tag: MP 47.37 RAB, (Pipe ID 15", AF/CFS 133" Drop pipe, 142" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
3.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 2.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
4.000	OF12D-30	30" Open Flow Meter, 144" Drop Pipe Meter Tag: MP 47.37 LT, (Pipe ID 30", AF/CFS 144" Drop pipe, 153" OAL from center of prop to top of cellular antenna.	1	EA	$4,434.00	23.5%	$3,392.01	$3,392.01
5.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 4.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
6.000	OF12D-18	18" Open Flow Meter, 157" Drop Pipe Meter Tag: MP 47.87 LT, (Pipe ID 18", AF/CFS) 157" Drop pipe, 166" OAL from center of prop to top of cellular antenna.	1	EA	$4,155.00	23.5%	$3,178.58	$3,178.58
7.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 6.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
8.000	FC501-D000F-A08B00A00	FlowConnect, Water Specialties Kit Meter Tag: MP 47.89 RA, (For meter SN 20062085-14)	1	EA	$1,640.00	23.5%	$1,254.60	$1,254.60
9.000	CN02D-36	Register Extension, Digital, 36" To be installed on Line Item 8.000 45" OAL from top of saddle to top of cellular antenna.	1	EA	$576.00	23.5%	$440.64	$440.64
10.000	OF12D-24	24" Open Flow Meter, 200" Drop Pipe Meter Tag: MP 48.14 LT, (Pipe ID 24", AF/CFS 200" Drop pipe, 209" OAL from center of prop to top of cellular antenna.	1	EA	$4,779.00	23.5%	$3,655.94	$3,655.94
11.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 10.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
12.000	OF12D-24	24" Open Flow Meter, 140" Drop Pipe Meter Tag: MP 48.6 LA, (Pipe ID 24", AF/CFS 140" Drop pipe, 149" OAL from center of prop to top of cellular antenna.	1	EA	$4,434.00	23.5%	$3,392.01	$3,392.01
13.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 12.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
14.000	OF12D-16	16" Open Flow Meter, 148" Drop Pipe Meter Tag: MP 48.6 LB, (Pipe ID 15", AF/CFS 148" Drop pipe, 157" OAL from center of prop to top of cellular antenna.	1	EA	$4,155.00	23.5%	$3,178.58	$3,178.58
15.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 14.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
16.000	OF12D-16	16" Open Flow Meter, 139" Drop Pipe Meter Tag: MP 48.96 RT, (Pipe ID 15", AF/CFS 139" Drop pipe, 148" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79
17.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 16.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
20.000	OF12D-18	18" Open Flow Meter, 144" Drop Pipe Meter Tag: MP 49.56 RT, (Pipe ID 18", AF/CFS) 144" Drop pipe, 153" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79
21.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 20.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
22.000	OF12D-24	24" Open Flow Meter, 125" Drop Pipe Meter Tag: MP 49.84 LT, (Pipe ID 24", AF/CFS) 125" Drop pipe, 134" OAL from center of prop to top of cellular antenna.	1	EA	$4,365.00	23.5%	$3,339.23	$3,339.23
23.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 22.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
24.000	OF12D-24	24" Open Flow Meter, 133" Drop Pipe Meter Tag: MP 50.66 LT, (Pipe ID 24", AF/CFS) 133" Drop pipe, 142" OAL from center of prop to top of cellular antenna.	1	EA	$4,365.00	23.5%	$3,339.23	$3,339.23
25.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 24.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
26.000	FC501-D000F-A08B00A00	FlowConnect, Water Specialties Kit Meter Tag: MP 50.7 RT, (For meter SN 20081824-10, LP31-10)	1	EA	$1,640.00	23.5%	$1,254.60	$1,254.60
27.000	OF12D-24	24" Open Flow Meter, 130" Drop Pipe Meter Tag: MP 51.41 LT, (Pipe ID 24", AF/CFS) 130" Drop pipe, 139" OAL from center of prop to top of cellular antenna.	1	EA	$4,365.00	23.5%	$3,339.23	$3,339.23
28.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 27.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
29.000	OF12D-24	24" Open Flow Meter, 133" Drop Pipe Meter Tag: MP 51.65 LT, (Pipe ID 24", AF/CFS) 133" Drop pipe, 142" OAL from center of prop to top of cellular antenna.	1	EA	$4,365.00	23.5%	$3,339.23	$3,339.23

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
30.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 29.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
31.000	OF12D-16	16" Open Flow Meter, 124" Drop Pipe Meter Tag: MP 452.02 RAB, (Pipe ID 16", AF/CFS) 124" Drop pipe, 133" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
32.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 31.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
33.000	OF12D-18	18" Open Flow Meter, 133" Drop Pipe Meter Tag: MP 52.4 LT, (Pipe ID 18", AF/CFS) 133" Drop pipe, 142" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
34.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 33.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
35.000	OF12D-16	16" Open Flow Meter, 130" Drop Pipe Meter Tag: MP 53.41 LT, (Pipe ID 15", AF/CFS) 130" Drop pipe, 139" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
36.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 35.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
37.000	OF12D-18	18" Open Flow Meter, 128.25" Drop P Meter Tag: MP 53.64 RT, (Pipe ID 18", AF/CFS) 128.25" Drop pipe, 137.25" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
38.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 37.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
39.000	OF12D-18	18" Open Flow Meter, 120" Drop Pipe Meter Tag: MP 54.01 LT, (Pipe ID 18", AF/CFS) 120" Drop pipe, 129" OAL from center of prop to top of cellular antenna.	1	EA	$3,948.00	23.5%	$3,020.22	$3,020.22

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
40.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 39.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
41.000	OF12D-18	18" Open Flow Meter, 122" Drop Pipe Meter Tag: MP 54.7 LT, (Pipe ID 18", AF/CFS) 122" Drop pipe, 131" OAL from center of prop to top of cellular antenna.	1	EA	$3,948.00	23.5%	$3,020.22	$3,020.22
42.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 41.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
43.000	OF12D-18	18" Open Flow Meter, 112" Drop Pipe Meter Tag: MP 55.19 LT, (Pipe ID 18", AF/CFS) 112" Drop pipe, 121" OAL from center of prop to top of cellular antenna.	1	EA	$3,948.00	23.5%	$3,020.22	$3,020.22
44.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 43.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
45.000	OF12D-16	16" Open Flow Meter, 72" Drop Pipe Meter Tag: MP 55.85 LT, (Pipe ID 16", AF/CFS) 72" Drop pipe, 81" OAL from center of prop to top of cellular antenna.	1	EA	$3,672.00	23.5%	$2,809.08	$2,809.08
46.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 45.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
47.000	OF12D-18	18" Open Flow Meter, 72" Drop Pipe Meter Tag: MP 56.8 RAB, (Pipe ID 18", AF/CFS) 72" Drop pipe, 81" OAL from center of prop to top of cellular antenna.	1	EA	$3,672.00	23.5%	$2,809.08	$2,809.08
48.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 47.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
49.000	OF12D-16	16" Open Flow Meter, 121" Drop Pipe Meter Tag: MP 56.82 LT, (Pipe ID 15", AF/CFS) 121" Drop pipe, 130" OAL from center of prop to top of cellular antenna.	1	EA	$3,948.00	23.5%	$3,020.22	$3,020.22

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
50.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 49.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
51.000	OF12D-18	18" Open Flow Meter, 140" Drop Pipe Meter Tag: MP 56.85 LAB, (Pipe ID 18", AF/CFS) 140" Drop pipe, 149" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79
52.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 51.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
53.000	OF12D-16	16" Open Flow Meter, 102.5" Drop P Meter Tag: MP 57.46 LT, (Pipe ID 15", AF/CFS) 102.5" Drop pipe, 111.5" OAL from center of prop to top of cellular antenna.	1	EA	$3,879.00	23.5%	$2,967.44	$2,967.44
54.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 53.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
55.000	OF12D-18	18" Open Flow Meter, 126" Drop Pipe Meter Tag: MP 58.26 LT, (Pipe ID 18", AF/CFS) 126" Drop pipe, 135" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
56.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 55.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
57.000	OF12D-24	24" Open Flow Meter, 126" Drop Pipe Meter Tag: MP 58.73 RAB, (Pipe ID 24", AF/CFS) 126" Drop pipe, 135" OAL from center of prop to top of cellular antenna.	1	EA	$4,365.00	23.5%	$3,339.23	$3,339.23
58.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 57.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
59.000	OF12D-16	16" Open Flow Meter, 138" Drop Pipe Meter Tag: MP 58.9 LT, (Pipe ID 15", AF/CFS) 138" Drop pipe, 147" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
60.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 59.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
61.000	OF12D-18	18" Open Flow Meter, 146" Drop Pipe Meter Tag: MP 59.5 RA, (Pipe ID 18", AF/CFS) 146" Drop pipe, 155" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79
62.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 61.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
63.000	FC501-D000F-A08B00A00	FlowConnect, Water Specialties Kit Meter Tag: MP 59.5 RB, (For meter SN 20041689-14, LP32-14)	1	EA	$1,640.00	23.5%	$1,254.60	$1,254.60
64.000	CN02D-36	36" Register Extension, Digital To be installed on Line Item 63.000 45" OAL from top of saddle to top of cellular antenna.	1	EA	$576.00	23.5%	$440.64	$440.64
65.000	OF12D-24	24" Open Flow Meter, 135" Drop Pipe Meter Tag: MP 59.53 LT, (Pipe ID 24", AF/CFS) 135" Drop pipe, 144" OAL from center of prop to top of cellular antenna.	1	EA	$4,434.00	23.5%	$3,392.01	$3,392.01
66.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 65.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
67.000	OF12D-18	18" Open Flow Meter, 125" Drop Pipe Meter Tag: MP 60.54 RAB, (Pipe ID 18", AF/CFS) 125" Drop pipe, 134" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
68.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 67.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
69.000	OF12D-36	36" Open Flow Meter, 138" Drop Pipe Meter Tag: MP 60.65 LT, (Pipe ID 36", AF/CFS) 138" Drop pipe, 147" OAL from center of prop to top of cellular antenna.	1	EA	$4,434.00	23.5%	$3,392.01	$3,392.01

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
70.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 69.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
71.000	OF12D-16	16" Open Flow Meter, 145" Drop Pipe Meter Tag: MP 61.05 LT, (Pipe ID 15", AF/CFS) 145" Drop pipe, 154" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79
72.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 71.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
73.000	OF12D-18	18" Open Flow Meter, 124" Drop Pipe Meter Tag: MP 61.37 RT, (Pipe ID 18", AF/CFS) 124" Drop pipe, 133" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
74.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 73.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
75.000	OF12D-16	16" Open Flow Meter, 124" Drop Pipe Meter Tag: MP 61.84 LT, (Pipe ID 15", AF/CFS) 124" Drop pipe, 133" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
76.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 75.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
77.000	OF12D-18	18" Open Flow Meter, 120" Drop Pipe Meter Tag: MP 62.08 RAB, (Pipe ID 18", AF/CFS) 120" Drop pipe, 129" OAL from center of prop to top of cellular antenna.	1	EA	$3,948.00	23.5%	$3,020.22	$3,020.22
78.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 77.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
79.000	OF12D-16	16" Open Flow Meter, 118" Drop Pipe Meter Tag: MP 62.67 LT, (Pipe ID 15", AF/CFS) 118" Drop pipe, 127" OAL from center of prop to top of cellular antenna.	1	EA	$3,948.00	23.5%	$3,020.22	$3,020.22

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
80.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 79.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
81.000	OF12D-16	16" Open Flow Meter, 145.5" Drop P Meter Tag: MP 63.96 LT, (Pipe ID 15", AF/CFS) 145.5" Drop pipe, 154.5" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79
82.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 81.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
83.000	FC501-D000F-A08B00A00	FlowConnect, Water Specialties Kit Meter Tag: MP 64.32 LAB, (For meter SN 20050369, LP32D-08)	1	EA	$1,640.00	23.5%	$1,254.60	$1,254.60
86.000	OF12D-18	18" Open Flow Meter, 169" Drop Pipe Meter Tag: MP 65.35 LT, (Pipe ID 18", AF/CFS) 169" Drop pipe, 178" OAL from center of prop to top of cellular antenna.	1	EA	$4,224.00	23.5%	$3,231.36	$3,231.36
87.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 86.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
88.000	OF12D-24	24" Open Flow Meter, 120" Drop Pipe Meter Tag: MP 65.37 RAB, (Pipe ID 24", AF/CFS) 120" Drop pipe, 129" OAL from center of prop to top of cellular antenna.	1	EA	$4,296.00	23.5%	$3,286.44	$3,286.44
89.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 88.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
90.000	OF12D-16	16" Open Flow Meter, 134" Drop Pipe Meter Tag: MP 66.06 LT, (Pipe ID 15", AF/CFS) 134" Drop pipe, 143" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
91.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 90.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
92.000	OF12D-18	18" Open Flow Meter, 127" Drop Pipe Meter Tag: MP 66.68 LPG, (Pipe ID 18", AF/CFS) 127" Drop pipe, 136" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
93.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 92.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
94.000	OF12D-24	24" Open Flow Meter, 139.5" Drop P Meter Tag: MP 66.73 LT, (Pipe ID 24", AF/CFS) 139.5" Drop pipe, 148.5" OAL from center of prop to top of cellular antenna.	1	EA	$4,434.00	23.5%	$3,392.01	$3,392.01
95.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 94.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
96.000	OF12D-18	18" Open Flow Meter, 120" Drop Pipe Meter Tag: MP 67.55 LT, (Pipe ID 18", AF/CFS) 120" Drop pipe, 129" OAL from center of prop to top of cellular antenna.	1	EA	$3,948.00	23.5%	$3,020.22	$3,020.22
97.000	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 96.000	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
98.000	DM08-1SMB1041-S	8" DuraMag, Seametric Lay Length Meter Tag: MP 68.03 LA, AF/CFS) Includes 25' 7-Pin telemetry cable and grounding rings Replacing an AG3000-800-FI-BX-01-0000	1	EA	$2,278.00	23.5%	$1,742.67	$1,742.67
99.000	MAG-CONNECT-ATT	Connect Telemetry Kit To be configured for Line Item 98.000 Includes: A760 Cellular RTU, AT&T Sim Card, 540mA Solar Panel, and 11' Reinforced Three Section Poleset	1	EA	$2,320.00	20%	$1,856.00	$1,856.00
100.00	DM08-1SMB1041-S	8" DuraMag, Seametric Lay Length Meter Tag: MP 68.03 LB, AF/CFS) Includes 25' 7-Pin telemetry cable and grounding rings Replacing an AG3000-800-FI-BX-01-0000	1	EA	$2,278.00	23.5%	$1,742.67	$1,742.67

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
101.00	MAG-CONNECT-ATT	Connect Telemetry Kit To be configured for Line Item 100.00 Includes: A760 Cellular RTU, AT&T Sim Card, 540mA Solar Panel, and 11' Reinforced Three Section Poleset	1	EA	$2,320.00	20%	$1,856.00	$1,856.00
102.00	OF12D-18	18" Open Flow Meter, 127" Drop Pipe Meter Tag: MP 68.03 RT, (Pipe ID 18", AF/CFS) 127" Drop pipe, 136" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
103.00	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 102.00	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
104.00	OF12D-16	16" Open Flow Meter, 133" Drop Pipe Meter Tag: MP 74.35 LT, (Pipe ID 15", AF/CFS) 133" Drop pipe, 142" OAL from center of prop to top of cellular antenna.	1	EA	$4,017.00	23.5%	$3,073.01	$3,073.01
105.00	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 104.00	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
106.00	OF12D-16	16" Open Flow Meter, 142" Drop Pipe Meter Tag: MP 75.43 LT, (Pipe ID 15", AF/CFS) 142" Drop pipe, 151" OAL from center of prop to top of cellular antenna.	1	EA	$4,086.00	23.5%	$3,125.79	$3,125.79
107.00	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 106.00	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
108.00	FC501-D000F-A08B00A00	FlowConnect, Water Specialties Kit Meter Tag: MP 93.25, (For meter SN 790363-36, ML20-36)	1	EA	$1,640.00	23.5%	$1,254.60	$1,254.60
109.00	FC501-D000F-A08B00A00	FlowConnect, Water Specialties Kit Meter Tag: MP 93.25 RB, (For meter SN 801524-24, ML20-24)	1	EA	$1,640.00	23.5%	$1,254.60	$1,254.60
110.00	FC501-D000F-A08B00A00	FlowConnect, Water Specialties Kit Meter Tag: MP 93.25 RC, (For meter SN 790362-36, ML20-36)	1	EA	$1,640.00	23.5%	$1,254.60	$1,254.60

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Line #:	Item Number:	Description:	Qty:	UM:	List Price:	Disc:	Net Price:	Ext. Price:
111.00	ML20D-18	18" Weld On Saddle Meter Meter Tag: MP 96.7 RA, (AF/CFS, Pipe ID & OD needed at time of ordering) Installation will need (10) pipe diameters of straight pipe upstream and (2) downstream.	1	EA	$4,139.00	23.5%	$3,166.34	$3,166.34
112.00	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 111.00	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
113.00	ML20D-24	24" Weld On Saddle Meter Meter Tag: MP 96.7 RB, (AF/CFS, Pipe ID & OD needed at time of ordering) Installation will need (10) pipe diameters of straight pipe upstream and (2) downstream.	1	EA	$5,051.00	23.5%	$3,864.02	$3,864.02
114.00	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 113.00	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
115.00	ML20D-30	30" Weld On Saddle Meter Meter Tag: MP 96.7 RC, (AF/CFS, Pipe ID & OD needed at time of ordering) Installation will need (10) pipe diameters of straight pipe upstream and (2) downstream.	1	EA	$5,713.00	23.5%	$4,370.45	$4,370.45
116.00	FC501-D000A-A08B00A00	FlowConnect, Water Specialties To be installed on Line Item 115.00	1	EA	$1,390.00	23.5%	$1,063.35	$1,063.35
117.00	DATA-ATT-001	Cellular Data Plan, ATT, Annual Non-taxable	60	EA	$48.00			$2,880.00
118.00	900.000.590	Antenna GSM Quad Replacement	12	EA	$53.00	20%	$42.40	$508.80
119.00	FREIGHT	Freight Charges - Dedicated Truck Six batches of meters, $1,170 freight for each batch.	1	EA	$7,020.00			$7,020.00
120.00	TAX	Tax for Los Banos, CA 7.75%	1	EA	$18,039.22			$18,039.22

All Prices are in US Dollars (USD) Total List Quoted: **$322,788.22** Total Net Quoted: **$253,683.37**

Exhibit A
Flow Meter Replacement List- Phase 2

MP	Side	WS Meter Model	Drop Pipe Lenght (in)	Dia Size	Project Phase	Batch	District	Comments
47.37	RAB	OF12D-16 w/ 133"drop pipe	133"	15"	2		DPWD	
47.37	LT	OF12D-30 w/ 144" drop pipe	144"	30"	2		DPWD	
47.87	LT	OF12D-18 w/ 157" drop pipe	157"	18"	2		DPWD	
47.89	RA	20062085-14		14"	2		DPWD	36" extensions
47.89	RB				2		DPWD	48" extensions
48.14	LT	OF12D-24 w/ 200" drop pipe	200"	24"	2		DPWD	
48.6	LA	OF12D-24 w/ 140" drop pipe	140"	24	2		DPWD	
48.6	LB	OF12D-16 w/ 148" drop pipe	148"	15"	2		DPWD	W/ DIVISION BOX
48.96	RT	OF12D-16 w/ 139" drop pipe	139"	15"	2		DPWD	
~~49.43~~	~~LT~~	~~OF12D-15 w/ 130" drop pipe~~	~~130"~~	~~15"~~	~~2~~		~~DPWD~~	REMOVED
49.56	RT	OF12D-18 w/ 144" drop pipe	144"	18"	2		DPWD	W/ TURNOUT GATE
49.84	LT	OF12D-24 w/ 125" drop pipe	125"	24"	2		DPWD	
50.66	LT	OF12D-24 w/ 133" drop pipe	133"	24"	2		DPWD	
50.7	RT	20081824-10		10"	2		DPWD	
51.41	LT	OF12D-24 w/130" drop pipe	130"	24"	2		DPWD	
51.65	LT	OF12D-24 w/ 133" drop pipe	133"	24"	2		DPWD	
52.02	RAB	OF12D-16 w/ 124" drop pipe	124"	15"	2		DPWD	
52.4	LT	OF12D-18 w/ 133" drop pipe	133"	18"	2		DPWD	
53.41	LT	OF12D-16 w/ 130" drop pipe	130"	15"	2		DPWD	
53.64	RT	OF12D-18 w/ 128.25" drop pipe	128.25"	18"	2		DPWD	
54.01	LT	OF12D-18 w/ 120" drop pipe	120"	18"	2		DPWD	
54.7	LT	OF12D-18 w/ 122" drop pipe	122"	18"	2		DPWD	
55.19	LT	OF12D-18 w/112" drop pipe	112"	18"	2		DPWD	
55.85	LT	OF12D-16 w/ 6' drop pipe					DPWD	NEW
56.8	RAB	OF12D-18 w/ 6' drop pipe			2		DPWD	
56.82	LT	OF12D-16 w/ 121" drop pipe	121"	15"	2		DPWD	
56.85	LAB	OF12D-18 w/ 140" drop pipe	140"	18"	2		DPWD	
57.46	LT	OF12D-16 w/ 102.5" drop pipe	102.5"	15"	2		DPWD	
58.26	LT	OF12D-18 w/ 126"drop pipe	126"	18"	2		DPWD	
58.73	RAB	OF12D-24 w/ 126" drop pipe	125"	24"	2		DPWD	
58.9	LT	OF12D-16 w/ 138" drop pipe	138"	15"	2		DPWD	
59.5	RA	OF12D-18 w/ 146" drop pipe	146"	18	2			
59.5	RB	20041689		14	2		DPWD	36" EXTENTIONS
59.53	LT	OF12D-24 w/ 135"drop pipe	135"	24"	2		DPWD	
60.54	RAB	OF12D-18 w/125" drop pipe	125"	18"	2		DPWD	
60.65	LT	OF12D-36 w/ 138" drop pipe	138"	36"	2		CCID	
61.05	LT	OF12D-16 w/ 145" drop pipe	145"	15"	2		DPWD	
61.37	RT	OF12D-18 w/ 124" drop pipe	124"	18	2		DPWD	
61.84	LT	OF12D-16 w/ 124" drop pipe	124"	15"	2		DPWD	
62.08	RAB	OF12D-18 w/ 120" drop pipe	120"	18"	2		DPWD	
62.67	LT	OF12D-16 w/ 118" drop pipe	118"	15"	2		DPWD	

Delta-Mendota Turnout Inventory

MP	Side	WS Meter Model	Drop Pipe Lenght (in)	Dia Size	Project Phase	Batch	District	Comments
63.96	LT	OF12D-16 w/ 145.5" drop pipe	145.5"	15"	2		DPWD	
64.32	LAB	20050369		8"	2		DPWD	
~~64.85~~	~~LT~~	~~OF12D-24 w/ 120" drop pipe~~	~~120"~~	~~24"~~	~~2~~		~~DPWD~~	REMOVED
65.35	LT	OF12D-18 w/169" drop pipe	169"	18"	2		DPWD	
65.37	RAB	OF12D-24 w/ 120" drop pipe	120"	24"	2		DPWD	
66.06	LT	OF12D-16 w/ 134" drop pipe	134"	15"	2		DPWD	
66.68	LPG	OF12D-18 w/127" drop pipe	127"	18"	2		DPWD	
66.73	LT	OF12D-24 w/ 139.5" drop pipe	139.5"	24"	2		DPWD	
67.55	LT	OF12D-18 w/ 120" drop pipe	120"	18"	2		DPWD	
68.03	LA	AG3000-0800-FI-BX-01-0000			2		DPWD	SEAMETRICS
68.03	LB	AG3000-0800-FI-BX-01-0000			2		DPWD	SEAMETRICS
68.03	RT	OF12D-18 w/ 127" drop pipe	127"	18"	2		DPWD	
74.35	LT	OF12D-16 w/ 133" drop pipe	133"	15"	2			
75.43	LT	OF12D-16 w/ 142" drop pipe	142"	15"	2			
84.39	LT	AG2000-800-178			2			SEAMETRICS
93.25	RA	#790362			2			INTERNAL DIAMETER: 2.93'
93.25	RB	#801524			2			INTERNAL DIAMETER :1.95'
93.25	RC	#790362			2			INTERNAL DIAMETER :2.94'
96.7	RA				2			INTERNAL DIAMETER :1.62'
96.7	RB				2			INTERNAL DIAMETER :1.95'
96.7	RC				2			INTERNAL DIAMETER :2.45'

EXHIBIT B – GENERAL CONDITIONS

ARTICLE 1. ENTIRE AGREEMENT

The Agreement, including all exhibits, represents the entire and integrated agreement between SLDMWA and Contractor and supersedes all prior proposals, negotiations, representations, understandings and/or agreements, either written or oral. No changes, amendments, alterations or modifications to this Agreement will be effective unless in writing and executed in the same manner as the Agreement. No claim for any additional compensation or time shall be valid unless authorized by a written amendment executed by SLDMWA and Contractor.

ARTICLE 2. CONFLICTS OF INTEREST

Contractor shall not have a familial, financial, or investment interest in any of the persons, contractors or companies with responsibilities related to the subject of this Agreement. A familial interest exists if any of Contractor's officers, directors, employee(s) providing professional services on the Project, or owners of 10% or more of the business is the spouse, sibling, parent, child, grandparent, grandchild, aunt/uncle or niece/nephew of any of the officers, directors, project managers, or owners of 10% or more of the business of any of the persons, contractors or companies with responsibilities related to the Project. Contractor affirms that, to the best of its knowledge, there exists no actual or potential conflict between family, business, or financial interests of Contractor and SLDMWA. Contractor agrees to advise SLDMWA of any actual or potential conflicts of interest that may develop subsequent to the date of execution of the Agreement.

ARTICLE 3. CHANGES OR TERMINATION

Changes will be binding on SLDMWA only if in writing and signed by the SLDMWA. SLDMWA, for its convenience, may by written change order make any change, including, without limitation, additions or deductions in quantities ordered, changes in the specifications or drawings, changes in the time of delivery, or termination. SLDMWA may terminate or suspend at its convenience all or any portion of this order not shipped as of the date of termination or suspension of the order. In the event of any change or termination, there shall be an equitable price adjustment by SLDMWA. If Contractor maintains that SLDMWA's adjustment is not equitable, the price change shall be negotiated. In the event the parties cannot agree, the final determination shall be made in accordance with the dispute resolution provision of this Agreement. No change or termination shall relieve SLDMWA or Contractor of any of their obligations as to any material shipped prior to Contractor's receipt of the change, termination or suspension order. Any claim for adjustment by Contractor hereunder must be asserted in writing within ten (10) days from the date the change or termination is ordered.

In the event of a termination for default, SLDMWA may, in addition to all other rights and remedies, purchase substitute items or services elsewhere and hold Contractor liable for any and all excess costs incurred, including attorneys' fees and experts' and Contractors' fees actually incurred.

ARTICLE 4. PAYMENT; TAXES

The price herein specified shall, unless otherwise expressly stated within the terms of this Agreement, include all taxes and duties of any kind levied by federal, state, municipal, or other governmental authorities, which either party is required to pay with respect to the production, sale, use or shipment of the materials covered by this Agreement, and all charges for packing, loading, unloading and shipping. Any and all taxes imposed or assessed on Contractor's income by reason of this agreement or its performance, including but not limited to sales or use taxes, shall be paid by Contractor. Contractor shall be responsible for any taxes or penalties assessed by reason of any claims that Contractor is an employee of SLDMWA. If transportation

costs are designated as part of the cost to SLDMWA, only actual transportation costs shall be included. Damage to equipment or goods not packed to insure proper protection shall be charged to Contractor. Contractor's invoice shall set forth the items delivered to the project site, the date of delivery, the unit cost and total costs of the items invoiced.

Invoices received and subsequently approved by SLDMWA shall be paid not more than thirty (30) days after delivery of an approved invoice. Invoices must match lines on the quote and the PO or they will be rejected and returned as disputed. Disputed invoices shall be returned to Contractor within ten (10) working days of receipt. Upon notice of a disputed invoice, SLDMWA shall issue payment no later than thirty (30) days after approval of revised invoice.

ARTICLE 5. RISK OF LOSS

Notwithstanding the terms of shipment, the risk of loss shall pass to SLDMWA only after delivery to the job site or other place designated in writing by SLDMWA.

ARTICLE 6. DELIVERY

Time is of the essence of this Agreement. If no delivery date is specified on the face of this Agreement, all deliveries of materials shall conform to the date or dates specified in writing from time to time by SLDMWA's representative. Should delivery for any reason fail to be timely, Contractor shall be liable for all damages suffered by SLDMWA as a result of such failure.

ARTICLE 7. INSPECTION

SLDMWA shall have the right to inspect and test the materials at Contractor's plant any time prior to shipment and to conduct additional inspections at any time after arrival at the job site. The making or failure to make any inspection of, or payment for or acceptance of, the materials shall not impair SLDMWA's right to later reject nonconforming materials, or to avail itself of any other remedy to which SLDMWA may be entitled, notwithstanding SLDMWA's knowledge of the nonconformity, its substantiality, or the ease of its discovery. Contractor shall be liable for all inspection, reshipment and return costs on nonconforming materials. Contractor shall not replace returned materials unless so directed by SLDMWA in writing.

ARTICLE 8. WARRANTIES

Contractor warrants to SLDMWA that all of the materials provided under this Agreement shall be free from all defects, shall be of the quality specified, and shall be fit and appropriate for the purpose intended. Contractor further warrants that the materials will be complete in all respects necessary to make the materials fully functional if installed in accordance with the contract documents. All warranties implied by law or usage of trade are incorporated into this Agreement and shall apply to services and materials ordered. Contractor guarantees SLDMWA that the materials rendered shall be free of any and all defects in workmanship and materials which may develop for a minimum period of eighteen (18) months following acceptance of the materials by SLDMWA, and twelve (12) months from the date equipment is installed. Repairs will be warranted for twelve (12) months, or if the repair is performed under this warranty, for the remainder of the original warranty period. The materials are ordered by SLDMWA in reliance on each and all of the warranties and guarantees specified herein. SLDMWA's remedies pursuant to this paragraph are in addition to, and not a limitation on, all other remedies allowed by law. SLDMWA will report any claimed defend in writing to Contractor immediately upon discovery and will make every effort to discover within the warranty period.

Contractor shall, at its sole option, repair the equipment or furnish replacement equipment or parts thereof, at the original delivery point. If Buyer or others repair, replace, or adjust equipment or parts without Contractor prior written approval, Contractor is relieved of any further obligation to Buyer under

this Article with respect to such equipment. No equipment furnished by Contractor shall be deemed to be defective by reason of normal wear and tear, failure to resist erosive or corrosive action of any fluid or gas (unless otherwise specified in Quotations/ Purchase Order Specifications), Buyer's direct or indirect failure (or the failure of its agents or contractors) to properly store, install, operate, or maintain the equipment in accordance with good industry practices or specific recommendations of Contractor, or Buyer's failure to provide complete and accurate information to Contractor concerning the operational application of the equipment.

ARTICLE 9. INFRINGEMENT

Contractor shall pay all royalties and licensing fees arising in connection with the sale or use of materials hereunder. Contractor further undertakes and agrees to defend, at Contractor's expense, all suits, actions or proceedings in which SLDMWA, its successors, assigns, customers or users of its customer's products are made defendants for actual or alleged infringement of any U.S. or foreign letters patent, copyrights or trademarks or any intellectual property rights of any kind resulting from the use or purchase of any materials furnished under this Agreement, and Contractor agrees to pay or discharge any and all judgments or decrees which may be rendered in any such suit, action or proceeding against such defendants therein.

ARTICLE 10. COMPLIANCE

Contractor's performance shall in all ways strictly conform with all applicable laws, regulations, safety orders, labor agreements, prevailing wage requirements and working conditions to which it is subject, including, but not limited to, all state, federal and local non-discrimination in employment provisions, and all local regulations and building codes. Contractor shall execute and deliver all documents as may be required to effect or evidence compliance.

ARTICLE 11. ASSIGNMENTS; SETOFF

Any delegation, subletting or assignment by operation of law or otherwise, of all or any portion of the obligations to be performed by Contractor without the prior written consent of SLDMWA shall be void. In the event of any transfer, hypothecation or assignment by Contractor, without SLDMWA's consent, of the right to receive all or any part of any payments due or to become due hereunder, SLDMWA may, at any time thereafter withhold any or all monies or payments due or to become due hereunder until final payment is due and all conditions precedent to such payment are satisfied. SLDMWA may, at its option, setoff any amounts otherwise due from SLDMWA to Contractor under this Agreement against any delinquent amounts or liabilities which are due to SLDMWA or from Contractor.

ARTICLE 12. LICENSES

Contractors are required by law to be licensed and regulated by the appropriate State and/or City Licensing Board (e.g. Contractors State Licensing Board, City Business License, Franchise Tax Board registrations, etc.). Contractor shall comply with all required licensing laws applicable to its services under this Agreement.

ARTICLE 13. NON-DISCRIMINATION

Contractor shall not discriminate against any employee or potential employee on the basis of prohibited criteria, as defined in Government Code section 12940. Without limiting the foregoing in any way, during the performance of this Agreement, Contractor shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, and denial of family care leave. Contractor shall insure

that the evaluation and treatment of its employees and applicants for employment are free from such discrimination and harassment. Contractor shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Contractor shall give written notice of its obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement. Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

ARTICLE 14. INSURANCE

A. Required Policies: Contractor shall furnish to SLDMWA certificates of insurance and policy endorsements satisfactory to SLDMWA evidencing insurance, with reliable insurance companies approved by the State of California Department of Insurance and with a Bests' rating of no less than (A) Level VII, for the following minimum insurance coverages, which may be increased or expanded by the Agreement:

1. Workers' Compensation insurance and occupational disease insurance, as required by law, with limit of no less than $1,000,000 per accident for bodily injury or disease;

2. Employer's liability insurance, with minimum limits of $1,000,000, covering all workplaces involved in the Agreement.

3. Commercial General Liability Insurance in an amount not less than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, property damage, personal injury, advertising liability, blanket contractual liability, Contractor's obligations under this Agreement, products and completed operations, and coverage for independent contractors.

4. Commercial Automobile Insurance for all owned, non-owned and hired vehicles used by Contractor in the performance of its services under this Agreement with a limit of not less than $1,000,000 combined single limit per occurrence for bodily injury and property damage.

B. Additional Terms:

1. All general liability policies shall name SLDMWA, its elected or appointed officers, officials, agents, authorized volunteers and employees as additional insureds ("Additional Insureds"), include a severability of interest provision, and shall provide that such policy is primary and not contributory with any insurance carried by SLDMWA or its Members.

2. The insurance to be provided by Contractor under this Agreement shall not include any of the following: any claims-made insurance policies; any self-insured retention or deductible amount greater than two hundred fifty thousand dollars ($250,000) unless approved in writing by SLDMWA; any endorsement limiting coverage available to SLDMWA that is otherwise required by this Article 14; and any policy or endorsement language that (i) negates coverage to SLDMWA for SLDMWA's own negligence; (ii) limits the duty to defend SLDMWA under the

policy; (iii) provides coverage to SLDMWA only if Contractor is negligent, or (iv) permits the recovery of defense costs from any additional insured. The insurance provided under this Agreement shall not contain any restrictions or limitations which are inconsistent with SLDMWA's rights under this Agreement.

3. Contractor shall provide Certificates of Insurance, or other evidence of insurance as requested by SLDMWA, to SLDMWA within ten (10) days after receipt by Contractor of the executed Agreement. The certificates shall provide that there will be no cancellation, suspension, voiding or change of coverage without thirty (30) days' prior written notice to SLDMWA. There shall be no reduction or modification of coverage of insurance required by the Agreement without the written consent of SLDMWA. Contractor shall provide SLDMWA with a new or renewed certificate of insurance upon any changes or modifications to coverage, including any extension or renewal of required insurance coverage; provided that any changes or modifications to coverage shall be consistent with this Agreement.

4. The insurer(s) issuing the required policies shall, by separate endorsement, agree to waive all rights of subrogation against the "Additional Insureds" for losses arising in any manner from the products or work provided or performed by or on behalf of Contractor for SLDMWA, but this provision applies regardless of whether or not SLDMWA has received the waiver of subrogation.

ARTICLE 15. INDEMNITY; NO LIABILITY FOR CONSEQUENTIAL DAMAGES

A. Contractor shall, with respect to all work which is covered by or incidental to the Agreement, defend, indemnify, and hold harmless SLDMWA, its officers, directors, agents, representatives and employees (collectively "SLDMWA"), from and against any and all liens and claims asserted by firms or individuals claiming through Contractor, and claims, liability, loss, damage, civil fines, penalties, costs, or expenses, including reasonable attorneys' fees, expert's fees, awards, fines, or judgments, relating to the death or bodily injury to persons, injury to property, other loss, damage, or expense to the extent that any of the above arise out of, pertain to, or relate to the negligence, recklessness, willful misconduct or breach of this Agreement by Contractor or anyone acting under its direction or control or on its behalf in the course of its performance under this Agreement. Contractor's duty shall include the duty to defend the indemnitees as required by Civil Code section 2778, which duty shall arise from the need for defense and is not contingent upon a finding of liability for indemnification, and Contractor shall employ counsel reasonably acceptable to SLDMWA for this defense obligation. Contractor shall not be obligated under the Agreement to indemnify SLDMWA to the extent that the damage is caused by the active or sole negligence or willful misconduct of SLDMWA or its agents or servants other than Contractor.

B. The acceptance by SLDMWA or its representatives of any certificate of insurance providing for coverage of any kind shall in no event be deemed a waiver of any of the provisions of this Article. None of the foregoing provisions shall deprive SLDMWA of any action, right or remedy otherwise available by law.

C. Neither Contractor nor SLDMWA shall be responsible to the other for any form of consequential damages, including, but not limited to losses of use, sale, profits, financing, business and reputation, and attorney fees thereon. Nothing in these provisions or in this Agreement shall waive, release or compromise any insurance requirements or coverages required in Article 14.

ARTICLE 16. LIMITATION OF LIABILITY

Except as otherwise set forth in Article 10 of this Agreement, in no event will Contractor be liable to SLDMWA for any incidental, indirect, special, consequential or punitive damages or lost profits of SLDMWA. The aggregate total liability of Contractor arising from or related to SLDMWA's engagement of Contractor shall not exceed the recoveries from insurance provided or, if none, an amount equivalent to the fee paid by SLDMWA to Contractor for its services under this Agreement.

ARTICLE 17. DEFAULTS

If Contractor fails to perform any of its obligations hereunder, SLDMWA shall be entitled to all remedies provided by law, and, except as otherwise set forth herein, SLDMWA shall be entitled to recover any and all damages incurred, including without limitation, direct and compensatory damages, attributable to Contractor's breach of this Agreement. If Contractor becomes insolvent or makes an assignment for the benefit of creditors, or files or becomes subject to receivership or reorganization or bankruptcy proceedings, or becomes involved in labor difficulties, which in SLDMWA's opinion threaten Contractor's ability to perform in a timely manner, SLDMWA may, in addition to any other rights or remedies it may have hereunder or at law, terminate the purchase order upon written notice to Contractor; such termination shall be deemed a termination for default. SLDMWA's failure to notify Contractor of a rejection of nonconforming equipment or materials or to specify with particularity any defect in nonconforming materials after rejection or acceptance thereof will not bar SLDMWA from pursuing any remedies for breach which it may otherwise have.

ARTICLE 18. TERMINATION OF AGREEMENT

This Agreement may be terminated by either party upon 30 days' written notice, with or without cause, upon written notification to the other party. Following such termination, SLDMWA shall pay Contractor all unpaid sums due for materials provided under this Agreement and accepted by SLDMWA. No termination of the Agreement shall excuse or otherwise relieve Contractor of its responsibilities under the Agreement, including, without limitation, Contractor's warranty obligations for materials provided and accepted by SLDMWA and Contractor's indemnity obligations.

ARTICLE 19. DISPUTE RESOLUTION

Contractor and SLDMWA shall attempt to resolve conflicts or disputes that arise under this Agreement or that relate in any way to this Agreement or the subject matter of this Agreement in a fair and reasonable manner. The parties agree to attempt to mediate through a professional mediator any conflicts or disputes not otherwise resolved by the parties, with the costs of mediation shared equally by the parties. If the mediation does not settle the conflict or dispute, the parties may agree in writing to binding arbitration, or the matter may proceed in litigation before a court of competent jurisdiction. Neither party shall commence or pursue arbitration or litigation prior to (1) the completion of mediation proceedings, and (2) prior to completion of Contractor's services under this Agreement.

The existence of a dispute between SLDMWA and Contractor, not involving a material default by SLDMWA in performance of a condition precedent to Contractor's performance, shall not relieve Contractor of its obligation to perform under this Agreement.

ARTICLE 20. ADDITIONAL PROVISIONS

A. Successors and Assigns: SLDMWA and Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party hereto and to the partners, successors, assigns and legal representatives of such other party in respect to all covenants, agreements and obligations contained in the Agreement. Contractor shall not assign the Agreement or sublet it in whole or part without the written consent of SLDMWA, nor shall Contractor assign any moneys due or to become due to it hereunder without the prior written consent of SLDMWA.

B. Unenforceability of any Clause: If any clause or provision of the Agreement is held to be unenforceable or invalid, then that provision of the Agreement shall be stricken and all other provisions of this Agreement shall remain in full force and effect and shall not be effected thereby.

C. Waiver of Breach: Failure by one party to notify the other of a breach of any provision of this Agreement shall not constitute a waiver of any continuing breach. Failure by one party to enforce any of its rights under this Agreement shall not constitute a waiver of those rights. The waiver by either Party of a breach or violation of any provision of this Agreement shall not operate as, or be construed to be, a waiver of any subsequent breach of the same or any other provision hereof.

D. Interpretation: The Agreement shall be construed and interpreted in accordance with the laws of the State of California.

E. Headings: The titles of sections of these General Conditions are for convenience only and no presumption or implication of the intent of the parties as to the construction of this Agreement shall be drawn therefrom.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

RESOLUTION NO. 2020-472

RESOLUTION MAKING SINGLE SOURCE FINDINGS AND AUTHORIZING EXECUTION OF SINGLE SOURCE CONTRACT FOR PURCHASE OF FLOWMETERS FROM McCROMETER, INC.

WHEREAS, the San Luis & Delta-Mendota Water Authority ("Water Authority") routinely maintains Delta-Mendota Canal ("DMC") turnout flowmeters and takes volumetric meter readings on a monthly basis for more than 200 flowmeters; and

WHEREAS, current flowmeter operations, which require in-person inspection, involve delays in discovering potential problems with individual meters and making repairs, if needed; and

WHEREAS, existing flowmeters have exhausted their useful life and are in need of replacement, and an automated system will allow Water Authority staff to more quickly and effectively investigate and resolve problems with individual meters; and

WHEREAS, Water Authority staff researched alternative flowmeters with the intent of modernizing the meter data collection to reduce the labor associated with flowmeter readings and integrate with Water Operations water accounting software; and

WHEREAS, Section 1.1. of the Authority's Consolidated Procurement Policy, adopted by Resolution on April 10, 2020, requires the Board to specifically authorize contracts greater than $200,000, and Section 2.3 requires the Authority to make specific findings prior to making a single source purchase; and

WHEREAS, after evaluation, Water Authority staff has determined, based on the facts summarized in Attachment 1, that only the products offered by McCrometer, Inc. match or interface with other products in use by the Authority and meet the Authority's needs; and

WHEREAS, funds for the replacement of the Delta-Mendota Canal (DMC) Turnout Flowmeters are included in the approved Fiscal Year 2021 Extraordinary Operation and Maintenance Budget; and

WHEREAS, Water Authority staff recommends that the McCrometer, Inc. flowmeters ("Water Specialties Flow Meters") be selected as a single source goods solution for the Water Authority and that a contract with McCrometer, Inc. be authorized.

NOW, THEREFORE, BE IT RESOLVED, AS FOLLOWS, THAT:

Section 1. The facts stated in the recitals above are true and correct, and the Board so finds and determines.

Section 2. Based on the above Recitals and the facts as stated in Attachment 1, the Board hereby finds as follows:

(a) Only the McCrometer Water Specialties Flow Meters match with other products in use by the Authority, and;

(b) Only the McCrometer Water Specialties Flow Meters will meet the Authority's needs.

Section 3. Based on the facts as stated in Attachment 1, including cost comparisons performed by Water Authority staff in researching software solutions, the price proposed for the McCrometer flowmeters is within the approved budget for the current year and fair and reasonable for flowmeters performing the required functions.

Section 4. The Executive Director, for and on behalf of the Water Authority, is hereby authorized and directed to execute an Equipment Purchase Agreement with McCrometer, Inc. for goods on substantially the terms discussed with the Board, as well as to take such actions as may be required or authorized by this Board to effectuate those agreements.

PASSED, APPROVED AND ADOPTED this 8th day of October, 2020, by the Board of Directors of the San Luis & Delta-Mendota Water Authority.

Cannon Michael, Chairman
SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

Attest:

Federico Barajas, Secretary

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I hereby certify that the foregoing Resolution No. 2020-472 was duly and regularly adopted by the Board of Directors of the San Luis & Delta-Mendota Water Authority at the meeting thereof held on the 8th day of October, 2020.

Federico Barajas, Secretary

San Luis & Delta-Mendota Water Authority

Regular Operation & Maintenance And Extraordinary O&M & Capital Improvement

Proposed Budgets

Fiscal Year 2023

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2022 APPROVED, PROPOSED FY2023 TOTAL BUDGET SUMMARY

O&M Budget Summary	Approved FY22 Budget A	Proposed FY23 Budget 11.1.21 FAC Recommended B	Proposed FY23 Budget FAC 1.10.22 C	Proposed FY23 Budget BOD 1.13.22 D	% Change FY22 - FY23 (D-A)/A
Routine O&M (Water Users)	$ 15,031,622	$ 16,809,017	$ 17,047,944	$ 17,040,952	13.37%
USBR Funded O&M (Service Contract)	$ 72,781	$ 72,811	$ 73,210	$ 73,202	0.58%
TOTAL (Water Users & USBR)	**$ 15,104,403**	**$ 16,881,828**	**$ 17,121,154**	**$ 17,114,154**	**13.31%**
Extraordinary O&M (Water Users)	$ 5,472,950	$ 7,614,100	$ 7,368,800	$ 7,368,800	34.64%
Capital Improvements Projects	$ 7,874,000	$ 4,047,200	$ 4,047,200	$ 4,047,200	-48.60%
TOTAL (EO&M/CIP)	**$ 13,346,950**	**$ 11,661,300**	**$ 11,416,000**	**$ 11,416,000**	**-14.47%**
TOTAL (includes Service Contract)	**$ 28,451,353**	**$ 28,543,128**	**$ 28,537,154**	**$ 28,530,154**	**0.28%**
Total Self Funded Budget (Water Users, excludes Service Contract)	**$ 28,378,572**	**$ 28,470,317**	**$ 28,463,944**	**$ 28,456,952**	**0.28%**

Note: D-Reduced legal as a result of intent to fill DGC

Proposed Final - BOD 01.13.22 Revised: 1/11/2022 **(5% Salary Increase)**

	COLUMN	B	C	C vs B	C - B	
	SLDMWA ANNUAL BUDGET ROUTINE O&M BUDGET FY23 SELF-FUNDED & USBR - FUNDED O&M ONLY SUMMARY (no EO&M & CIP) *Proposed Budget*	**2022 APPROVED BUDGET FY22**	**2023 PROPOSED BUDGET FY23**			**COMMENTS - 2023 A comment is necessary for any variance greater than 5%, except all**
5101	Salaries	7,684,581	8,554,574	11.32%	869,994	
5102	Overtime	297,450	318,400	7.04%	20,950	
5103	Salary Adjustments	1,425,750	1,710,915	20.00%	285,165	
5108	Sick Cash Out Expense	20,000	20,000	0.00%	0	
5141	Health Insurance - SLDMWA Contr	1,894,737	2,386,617	25.96%	491,879	
	Subtotal Salaries & Employee Benefits	**11,322,518**	**12,990,506**	14.73%	1,667,988	
5210	Office Services & Supplies	64,050	64,650	0.94%	600	
5211	Mailing Costs	6,700	6,800	1.49%	100	
5216	Small Tools	37,300	50,100	34.32%	12,800	Increase due to Replacement of AED devices, CPR/First Aid Kits & cost of replacement tools
5221	Clothing, Personal Equip/Laundry Srvcs	36,100	48,350	33.93%	12,250	Increase due to PPE replacement clothing and boots
5226	Janitorial Supplies & Services	13,650	13,900	1.83%	250	
5227	Engineering Consultant	155,000	154,500	-0.32%	-500	
5228	Auditing	41,000	42,000	2.44%	1,000	
5229	Legal	192,000	132,000	-31.25%	-60,000	Decreased to better match actual expenses
5231	Other Professional Services	231,900	243,800	5.13%	11,900	Increased to better match actual expenses (GP Support, NS Consultant & Comp tech support cost increases)
5236	Security Services/Systems	0	0	0.00%	0	
5237	Fees & Licenses	19,335	19,870	2.77%	535	
5241	Other Services & Expenses	307,880	445,840	44.81%	137,960	Increase due to NetSuite & telephone tech support & Recruitment services
5243	Computer Software	41,700	47,400	13.67%	5,700	Increase due to additional AutoCAD & PLC application licenses
5245	Contract Labor	0	0	0.00%	0	
5246	Rents/Leases - Ofc. Machinery & Equipment	2,940	2,940	0.00%	0	
5247	Organizational Membership Dues	25,000	25,000	0.00%	0	
5251	Professional Organization Dues	6,030	5,330	-11.61%	-700	Decreased to better match actual expenses
5256	Conference & Training Costs	106,450	145,115	36.32%	38,665	Increase due to OSHA Req'd training and craft technical training due to reduced knowledge base associated with recent retirements
5261	Travel	96,600	95,600	-1.04%	-1,000	
5271	Employee & Group Meetings	24,940	26,850	7.66%	1,910	Increased to better match actual expenses
5286	Parts/Materials - Vehicle/Constrct Equip	80,000	80,000	0.00%	0	
5288	Petroleum, Oil & Lubricants	237,450	253,950	6.95%	16,500	Budget based on $3.50/gal unleaded & $3.50/gal diesel
5291	Outside Services - Vehicle/Constrct Equip	66,550	72,050	8.26%	5,500	Increased to better match actual expenses
5296	Rents/Leases - Vehicle/Constrct Equip	50,000	53,500	7.00%	3,500	Increased to better match actual expenses
5301	Parts & Materials - Bldg/Grnds/Mach/Equip	607,200	548,700	-9.63%	-58,500	Decrease related to Special Projects (See justifications in packet)
5311	Outside Services - Bldg/Grnds/Mach/Equip	218,600	399,200	82.62%	180,600	Increase related to Special Projects (See justifications in packet)
5316	Rents/Leases - Land & Buildings	135,000	137,160	1.60%	2,160	
5331	Pipe, Metal & Treatments	35,800	48,800	36.31%	13,000	Increase due to cost of materials
5341	Sand, Backfill & Rock	13,500	15,000	11.11%	1,500	Increase due to cost of materials
5351	Concrete & Paving Material	25,000	30,000	20.00%	5,000	Increase due to cost of materials
5361	Chemicals	133,800	143,313	7.11%	9,513	Anticpated price increase
5372	Telephone Expenses	109,470	113,910	4.06%	4,440	
5373	Energy	76,600	76,600	0.00%	0	
5374	Radio Communications	0	0	0.00%	0	
5375	Network Communications	85,000	78,000	-8.24%	-7,000	Decreased to better match actual expenses (78K Wide Area Network & 3K OPP SCADA)
5376	Hazardous Waste Disposal	24,800	28,300	14.11%	3,500	Increased to better match actual expenses
5377	Disposal Expense	37,400	37,380	-0.05%	-20	
	Subtotal Services & Supplies	**3,344,745**	**3,685,908**	**10.20%**	341,163	
5401	Insurance Premiums & Fees	239,600	253,550	5.82%	13,950	Anitcipated cost increase
	Subtotal Other Charges	**239,600**	**253,550**	**5.82%**	13,950	
5521	New/Replacement Equipment & Furniture	159,540	155,190	-2.73%	-4,350	
5523	Computer Hardware	20,000	19,000	-5.00%	-1,000	Decreased to better match actual expenses
5526	Water Meters	18,000	10,000	-44.44%	-8,000	Reduced expenses due to EO&M Flowmeter Upgrade project
5541	Automotive & Light Trucks	0	0	0.00%	0	
5544	Heavy Equipment	0	0	0.00%	0	
5561	Construction Equipment/Payment	0	0	0.00%	0	
	Subtotal Capital Assets	**197,540**	**184,190**	**-6.76%**	-13,350	
	TOTAL ROUTINE O&M BUDGET	**15,104,403**	**17,114,154**	**13.31%**	2,009,751	

O&M BUDGET FY 2023 LINE ITEM DETAIL

		100.00%																		
Revised: 01.11.22	12,049,989.29	7.60%														4.56%	27.59%	0.82%	0.72%	16.89%
SLDMWA ANNUAL BUDGET SUMMARY DETAIL OF ALL DEPTS Proposed Final - BOD 01.13.22	Total including EO&M PAT GRANTS, & USBR	FUND 26 EO&M Total	Fund 26 EO&M Project DO Computers	Fund 26 EO&M Project D1 Vehicles	Fund 26 EO&M Project D2 H/Equip	Fund 26 EO&M Project D3 Facilities Infra	Fund 26 EO&M Project E6 Road Maint	Fund 26 EO&M Project G3 Main Trnsf Rehab	Fund 26 EO&M Project I3 Subsidence Corr	Fund 26 EO&M Project I6 Trnt Flwmtr Upgrd	Fund 26 EO&M Project J2 Pmp Bwl Repl	Fund 26 EO&M Project K0 St Srvc Bckp Batt	Fund 26 EO&M Project K1 Cncrt Slab	Fund 26 EO&M Project K2 HVAC Sys Rehab	Fund 26 EO&M Project K5 SCADA Sys Eval	Fund 26 EO&M Project K6 Accu Flwmtr Upgrd	FUND 25 USBR/CIP F4 Unit Rewind	02 Maint DMC	04 O&M W/W	05 O&M Mendota Pool	11 JPP
5101 - Salaries	10,020,674.41	916,100.00	0.00	0.00	0.00	0.00	0.00	0.00	721,100.00	6,200.00	40,500.00	19,700.00	38,600.00	51,000.00	20,800.00	18,200.00	550,000.00	2,691,175.19	79,576.54	69,930.25	1,617,951.82
5102 - Overtime	318,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95,189.90	3,140.00	2,400.00	93,137.10
5103 - Salary Related Benefits	1,710,914.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	538,235.04	15,915.31	13,986.05	323,590.36
5108 - Sick Cash Out Expense	20,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5141 - Health Insurance	2,386,616.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	881,040.31	26,031.32	23,165.59	443,066.43
Total Salary Related	**14,456,605.81**	**916,100.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**721,100.00**	**6,200.00**	**40,500.00**	**19,700.00**	**38,600.00**	**51,000.00**	**20,800.00**	**18,200.00**	**550,000.00**	**4,205,640.43**	**124,663.17**	**109,481.89**	**2,477,745.71**
5210 - Office Srvcs & Supp.	64,650.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,900.00	0.00	0.00	2,100.00
5211 - Mailing Costs	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00	0.00	0.00	0.00
5216 - Small Tools	50,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,800.00	0.00	200.00	14,400.00
5221 - Clothing, Pers Equip.	48,350.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,550.00	0.00	500.00	23,300.00
5226 - Janitorial Svcs & Supplies	13,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,200.00	0.00	0.00	400.00
5227 - Engineering Consult.	554,500.00	400,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250,000.00	0.00	0.00	0.00	150,000.00	0.00	0.00	20,000.00	0.00	0.00	40,000.00
5228 - Auditing	42,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5229 - Legal	137,000.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,000.00	0.00	0.00	0.00
5231 - Other Professional Svcs.	3,678,800.00	2,937,800.00	0.00	0.00	0.00	0.00	0.00	2,100,000.00	837,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	497,200.00	66,000.00	1,000.00	0.00	0.00
5237 - Fees & Licenses	19,870.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	0.00	600.00
5241 - Other Services & Expenses	450,840.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,200.00	0.00	0.00	9,300.00
5243 - Computer Software & Parts < $1000. Each	47,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5245 - Contract Labor	450,000.00	450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5246 - Rents/Leases - Office Machines & Equipment	2,940.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5247 - Organizational Membership	25,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5251 - Dues - Prof. & Org.	5,330.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700.00	0.00	0.00	300.00
5256 - Conference/ Training	145,115.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,500.00	0.00	0.00	33,500.00
5261 - Travel	101,100.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	16,000.00	0.00	0.00	38,000.00
5271 - Employee & Group Mtgs.	26,850.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,900.00	0.00	0.00	2,700.00
5286 - Vehicle Parts & Materials	80,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80,000.00	0.00	0.00	0.00
5288 - Petroleum, Oil & Lubricants	253,950.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246,150.00	0.00	0.00	0.00
5291 - Outside Services - Vehicles & Constr. Equip	72,050.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67,000.00	0.00	0.00	0.00
5296 - Rents/Leases - Vehicle & Construction Equipment	59,100.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	2,500.00	0.00	0.00	0.00	50,000.00	0.00	0.00	2,500.00
5301 - Parts/Material-Bldg, Grounds, Mach. & Equip.	732,100.00	183,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24,400.00	0.00	159,000.00	0.00	168,100.00	7,850.00	2,200.00	139,200.00
5311 - Outside Serv.-Bldg, Grounds, Mach. & Equip.	5,332,700.00	1,933,500.00	0.00	0.00	0.00	47,000.00	0.00	0.00	0.00	255,000.00	1,500,000.00	110,000.00	0.00	21,500.00	0.00	0.00	3,000,000.00	80,900.00	0.00	1,000.00	112,600.00
5316 - Rents/Leases - Land & Bldg.	137,160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5331 - Pipe, Metal & Treatments	48,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22,500.00	1,000.00	0.00	12,500.00
5341 - Sand, Backfill and Rock	15,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	0.00	0.00
5351 - Concrete & Paving Mat.	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30,000.00	0.00	0.00	0.00
5361 - Chemicals	143,313.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121,213.00	1,200.00	0.00	3,900.00
5372 - Telephone Expenses	113,910.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,500.00	0.00	0.00	7,500.00
5373 - Energy	76,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66,000.00	0.00	0.00	0.00
5374 - Radio Communication	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5375 - Computer Comm.	78,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5376 - Hazardous Waste Disposal	28,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,500.00	0.00	0.00	6,800.00
5377 - Disposal Expenses	37,380.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,700.00	500.00	0.00	17,800.00
5401 - Insurance Premiums and Fees	253,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5521 - New/Replacement Equip. & Furniture	155,190.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,500.00	0.00	0.00	57,600.00
5523 - Computer Hardware	168,200.00	149,200.00	149,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5526 - Water Meters	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0.00	8,000.00	0.00
5541 - Vehicles & Constr. Equip	128,400.00	128,400.00	0.00	128,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5544 - Heavy Equipment	249,300.00	249,300.00	0.00	0.00	249,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total All Other Expenses	**14,073,548.00**	**6,452,700.00**	**149,200.00**	**128,400.00**	**249,300.00**	**47,000.00**	**0.00**	**2,100,000.00**	**850,900.00**	**255,000.00**	**1,755,500.00**	**110,000.00**	**450,000.00**	**48,400.00**	**150,000.00**	**159,000.00**	**3,497,200.00**	**1,270,413.00**	**11,550.00**	**11,900.00**	**525,000.00**
Grand Total	**28,530,153.81**	**7,368,800.00**	**149,200.00**	**128,400.00**	**249,300.00**	**47,000.00**	**0.00**	**2,100,000.00**	**1,572,000.00**	**261,200.00**	**1,796,000.00**	**129,700.00**	**488,600.00**	**99,400.00**	**170,800.00**	**177,200.00**	**4,047,200.00**	**5,476,053.43**	**136,213.17**	**121,381.89**	**3,002,745.71**

O&M BUDGET FY 2023 LINE ITEM DETAIL

	100.00%													A	B	
Revised: 01.11.22	12,049,989.29	0.86%	0.31%	12.42%	0.08%	0.92%	0.00%	1.19%	1.19%	1.02%	2.95%	8.42%	12.47%	87.83%		
SLDMWA ANNUAL BUDGET SUMMARY DETAIL OF ALL DEPTS Proposed Final - BOD 01.13.22	**Total including EO&M PAT GRANTS, & USBR**	**12 DCI**	**13 Volta Wells Pumping**	**19 ONP**	**30 Maint TFF**	**41 SLD**	**44 O&M Delta X-Chnl**	**50 Safety**	**51 IT**	**52 Ware-housing**	**54 TFO Exp.**	**56 Direct O&M**	**58 O&M LBAO Admin**	**FY23 TOTAL DMC**	**FY22 TOTAL DMC**	**% Change FY23 vs FY22 DMC (A - B)/B**
5101 - Salaries	10,020,674.41	83,145.09	29,645.74	1,185,427.80	7,350.10	90,601.60	0.00	119,526.98	119,331.59	100,859.61	285,490.92	839,925.55	1,234,635.63	8,554,574.41	7,684,580.90	11.32%
5102 - Overtime	318,400.00	4,360.00	1,598.00	73,675.30	1,388.00	2,730.00	0.00	0.00	0.00	1,334.30	12,387.00	6,294.70	20,765.70	318,400.00	297,450.00	7.04%
5103 - Salary Related Benefits	1,710,914.88	16,629.02	5,929.15	237,085.56	1,470.02	18,120.32	0.00	23,905.40	23,866.32	20,171.92	57,098.18	167,985.11	246,927.13	1,710,914.88	1,425,749.78	20.00%
5108 - Sick Cash Out Expense	20,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20,000.00	20,000.00	20,000.00	0.00%
5141 - Health Insurance	2,386,616.52	23,768.70	8,766.82	308,922.38	2,372.62	29,837.39	0.00	0.00	0.00	33,766.30	78,121.19	194,224.21	333,533.26	2,386,616.52	1,894,737.32	25.96%
Total Salary Related	**14,456,605.81**	**127,902.81**	**45,939.70**	**1,805,111.05**	**12,580.74**	**141,289.32**	**0.00**	**143,432.38**	**143,197.90**	**156,132.13**	**433,097.30**	**1,208,429.57**	**1,855,861.72**	**12,990,505.81**	**11,322,518.00**	**14.73%**
5210 - Office Srvcs & Supp.	64,650.00	0.00	0.00	750.00	0.00	0.00	0.00	2,000.00	200.00	2,800.00	0.00	14,100.00	35,800.00	64,650.00	64,050.00	0.94%
5211 - Mailing Costs	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00	5,600.00	6,800.00	6,700.00	1.49%
5216 - Small Tools	50,100.00	0.00	0.00	11,300.00	0.00	0.00	0.00	11,000.00	500.00	600.00	0.00	300.00	0.00	50,100.00	37,300.00	34.32%
5221 - Clothing, Pers Equip.	48,350.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	100.00	1,000.00	0.00	1,000.00	300.00	48,350.00	36,100.00	33.93%
5226 - Janitorial Svcs & Supplies	13,900.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	200.00	7,100.00	0.00	2,000.00	13,900.00	13,650.00	1.83%
5227 - Engineering Consult.	554,500.00	1,500.00	0.00	83,000.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	0.00	154,500.00	155,000.00	-0.32%
5228 - Auditing	42,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42,000.00	42,000.00	41,000.00	2.44%
5229 - Legal	137,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56,000.00	8,000.00	132,000.00	192,000.00	-31.25%
5231 - Other Professional Svcs.	3,678,800.00	0.00	0.00	0.00	0.00	1,000.00	0.00	7,500.00	111,800.00	0.00	1,000.00	20,000.00	35,500.00	243,800.00	231,900.00	5.13%
5237 - Fees & Licenses	19,870.00	0.00	0.00	1,000.00	0.00	0.00	0.00	600.00	0.00	0.00	1,000.00	1,220.00	450.00	19,870.00	19,335.00	2.77%
5241 - Other Services & Expenses	450,840.00	4,000.00	0.00	19,400.00	0.00	0.00	0.00	0.00	245,200.00	1,950.00	18,400.00	10,000.00	121,390.00	445,840.00	307,880.00	44.81%
5243 - Computer Software & Parts < $1000. Each	47,400.00	0.00	0.00	0.00	0.00	0.00	0.00	750.00	46,650.00	0.00	0.00	0.00	0.00	47,400.00	41,700.00	13.67%
5245 - Contract Labor	450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
5246 - Rents/Leases - Office Machines & Equipment	2,940.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,940.00	2,940.00	2,940.00	0.00%
5247 - Organizational Membership	25,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25,000.00	25,000.00	25,000.00	0.00%
5251 - Dues - Prof. & Org.	5,330.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	3,830.00	5,330.00	6,030.00	-11.61%
5256 - Conference/ Training	145,115.00	0.00	0.00	9,500.00	0.00	0.00	0.00	37,400.00	3,700.00	300.00	1,500.00	16,215.00	23,500.00	145,115.00	106,450.00	36.32%
5261 - Travel	101,100.00	0.00	0.00	14,000.00	0.00	0.00	0.00	2,000.00	1,500.00	400.00	500.00	7,200.00	16,000.00	95,600.00	96,600.00	-1.04%
5271 - Employee & Group Mtgs.	26,850.00	0.00	0.00	850.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	2,900.00	18,400.00	26,850.00	24,940.00	7.66%
5286 - Vehicle Parts & Materials	80,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80,000.00	80,000.00	0.00%
5288 - Petroleum, Oil & Lubricants	253,950.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	2,500.00	253,950.00	237,450.00	6.95%
5291 - Outside Services - Vehicles & Constr. Equip	72,050.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	4,050.00	72,050.00	66,550.00	8.26%
5296 - Rents/Leases - Vehicle & Construction Equipment	59,100.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,500.00	50,000.00	7.00%
5301 - Parts/Material-Bldg, Grounds, Mach. & Equip.	732,100.00	37,600.00	6,000.00	122,650.00	9,500.00	2,000.00	0.00	4,000.00	0.00	1,000.00	47,000.00	0.00	1,600.00	548,700.00	607,200.00	-9.63%
5311 - Outside Serv.-Bldg, Grounds, Mach. & Equip.	5,332,700.00	55,000.00	0.00	82,200.00	6,500.00	0.00	38,000.00	0.00	0.00	12,000.00	11,000.00	0.00	0.00	399,200.00	218,600.00	82.62%
5316 - Rents/Leases - Land & Bldg.	137,160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137,160.00	137,160.00	135,000.00	1.60%
5331 - Pipe, Metal & Treatments	48,800.00	1,800.00	0.00	9,000.00	0.00	1,000.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	48,800.00	35,800.00	36.31%
5341 - Sand, Backfill and Rock	15,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	13,500.00	11.11%
5351 - Concrete & Paving Mat.	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30,000.00	25,000.00	20.00%
5361 - Chemicals	143,313.00	1,900.00	0.00	2,100.00	0.00	12,000.00	0.00	0.00	0.00	0.00	1,000.00	0.00	0.00	143,313.00	133,800.00	7.11%
5372 - Telephone Expenses	113,910.00	0.00	0.00	3,000.00	0.00	0.00	0.00	2,480.00	45,380.00	0.00	800.00	10,560.00	17,690.00	113,910.00	109,470.00	4.06%
5373 - Energy	76,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,600.00	76,600.00	76,600.00	0.00%
5374 - Radio Communication	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
5375 - Computer Comm.	78,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78,000.00	0.00	0.00	0.00	0.00	78,000.00	85,000.00	-8.24%
5376 - Hazardous Waste Disposal	28,300.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00	0.00	28,300.00	24,800.00	14.11%
5377 - Disposal Expenses	37,380.00	0.00	0.00	2,500.00	0.00	500.00	0.00	0.00	0.00	3,200.00	0.00	0.00	2,180.00	37,380.00	37,400.00	-0.05%
5401 - Insurance Premiums and Fees	253,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,600.00	247,950.00	253,550.00	239,600.00	5.82%
5521 - New/Replacement Equip. & Furniture	155,190.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	2,000.00	7,000.00	8,500.00	67,090.00	155,190.00	159,540.00	-2.73%
5523 - Computer Hardware	168,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,000.00	0.00	0.00	0.00	0.00	19,000.00	20,000.00	-5.00%
5526 - Water Meters	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00	18,000.00	-44.44%
5541 - Vehicles & Constr. Equip	128,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
5544 - Heavy Equipment	249,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
Total All Other Expenses	**14,073,548.00**	**101,800.00**	**6,000.00**	**378,650.00**	**16,000.00**	**16,500.00**	**38,000.00**	**68,730.00**	**552,030.00**	**28,550.00**	**106,300.00**	**160,695.00**	**831,530.00**	**4,123,648.00**	**3,781,885.00**	**9.04%**
Grand Total	**28,530,153.81**	**229,702.81**	**51,939.70**	**2,183,761.05**	**28,580.74**	**157,789.32**	**38,000.00**	**212,162.38**	**695,227.90**	**184,682.13**	**539,397.30**	**1,369,124.57**	**2,687,391.72**	**17,114,153.81**	**15,104,403.00**	**13.31%**

November 1, 2021

To: Finance & Administration Committee Members

From: Pablo Arroyave, Chief Operating Officer

Subject: Proposed FY 2023 O&M Budget

In preparation for the Finance & Administration Committee (FAC) meeting scheduled on November 1, 2021 at 12:00 pm, the proposed FY23 budget packet is included for your review.

The Operations & Maintenance Technical Committee (OMTC) met on October 18, 2021 and reviewed the proposed budget in detail and recommended approval of the FY23 O&M budget to the Finance and Administration Committee.

The proposed FY23 O&M Budget, in total, is $28,543,128. In comparison to the FY22 budget of $28,451,353, this is an overall increase of 0.32%. The total proposed self-funded portion paid by the water users is $28,470,317, which is a 0.32% increase from the FY22 budget. The Routine Operation & Maintenance (RO&M) portion of the budget increased by 11.82%. (Note: This percentage does not include the USBR Funded O&M Service Contract budget) The Extraordinary Operations & Maintenance (EO&M) portion of the budget increased by 39.12% and the Capital Improvement Projects (CIP-USBR Funded) decreased by 48.6%. (See Table on page FAC 16 for the FY2022 Approved, Proposed FY23 Total Budget Summary information)

This budget includes a 3% salary adjustment placeholder. The Water Authority salary policy adopted, in 2004, provides for salary adjustments based on salary surveys every three years and in the in-between years on the Consumer Price Index (CPI) for Pacific Cities (West with less than 2,500,000 Population). In 2006, relative to salary placeholders, the Water Authority established a policy (Pages FAC 10-11) of basing salary adjustments on the four-month average CPI of August-November for any given year the index is used. This policy directs that the average of August and September's CPIs to be used as a placeholder in the initial proposed budget. The August/September CPI average is 6.2 based on the August 2021CPI of 6.2 and the September 2021 CPI of 6.2. That being said, given the significant increase in CPI compared to last year and the expectation that the large monthly increases may be temporary, Staff has included a preliminary 3% increase placeholder, Staff noted this salary placeholder at the OMTC meeting.

Two new positions are proposed for FY23. These positions are needed to support both the Control Operations and O'Neill Plant Maintenance Departments. The OMTC agreed with the proposed positions and recommended revisions to the justifications provided to better define the need for the positions. The new positions and their updated justifications are identified below:

1) Apprentice Control Operator – see attached justification (Pages FAC 5-6)
2) Apprentice Plant Mechanic (OPP) – see attached justification (Pages FAC 7-8)

Summary of Changes Between FY22 and FY23 Proposed O&M Budget

Routine O&M (RO&M) Budget increase of 11.82% or $1,777K.

Parts, Materials and Services ($348.1K increase)

- Small Tools increased $12.8K (34.33%)
  - Replacement defibrillators and CPR training equipment

- Clothing, Personal Protective Equipment (PPE) increased $12.2K (33.93%)
  - Requirement for arc-flash rated clothing
  - Safety boot allowance raised to $200 annually

- Legal decreased $53K (-27.60%)
  - Adjusted to match current projects

- Other Professional Services increased $11.9K (5.13%)
  - Adjusted to match current projects

- Other Services & Expenses increased $138K (44.81%)
  - NetSuite CMMS Program

- Computer Software increased $5.7K (13.67%)
  - Additional AutoCAD license
  - Software for PLC (programmable Logic Controller)

- Dues – Professional & Organizational decreased $0.7K (-11.61%)
  - more closely match actual

- Conference & Training Costs increased $38.7K (36.32%)
  - Training for electrical safety and Arc Flash
  - OSHA crane operator, testing and inspection training
  - Technical training for protective relays

- Employee and Group Meetings increased $1.9K (7.66%)
  - Match actual expenditures

- Petroleum, Oil and Lubricants increased $16.5K (6.95%)
  - Estimating cost to be $3.50 per gallon for both diesel and unleaded

- Outside Services – Vehicles/Construction Equipment increased $5.5K (8.26%)
  - Match actual expenditures. DEF issues with diesel engines

- Rents/Leases – Vehicles/Construction Equipment increased $3.5K (7.0%)
  - Water truck rental during earth work; increased requirements due to Air Resources Board requirements

- Parts and Materials decreased by $58.5K (-9.63%)
    - There was a net reduction in Special Projects of $107.6K from FY22
    - Routine parts and materials were increased by $49.1K to account for inflation and increased shipping costs
    - See Special Projects/Purchases

- Outside Services – Facilities and plant equipment increased by $180.6K (82.6%)
    - There was a net increase in Special Projects of $165K from FY22
    - The remaining increase is due to HVAC services at O'Neill
    - See Special Projects/Purchases

- Pipe, Metal and Treatments increased $13K (36.31%)
    - Anticipated price increases, based on current pricing of ferrous and non-ferrous metals

- Sand, Backfill & Rock increased $1.5K (11.11%)
    - Match actual expenditures

- Concrete and Paving Materials increased $5K (20.0%)
    - Match actual expenditures

- Chemicals increased $9.5K (7.11%)
    - Expected price increase

- Network Communications decreased $7K (-8.24%)
    - Match actual expenditures

- Hazardous Waste Disposal increased $23.5K (14.1%)
    - Match actual expenditures; tires

- Special Project overview, net increase of $57.4K over FY22
    - OPP replacement of cooling water strainers, vacuum pump, sand filter control valves and servo-motor piston rings
    - JPP replacement shaft sleeves and circuit breaker upgrades
    - DCI replacement of protective relay and anode bed
    - Electrical test equipment; borescope, infra-red scope, oscilloscope, power quality meter
    - Replacement machine shop equipment; vertical mill and hydraulic iron worker
    - Engineering test equipment: Ultra-sonic thickness tester

Insurance Premiums and Fees

- Increase of $14K (5.82%)

Equipment/Capital Asset Purchases

- Net decrease of $13.35K from FY22 (6.76%)

Indirect Charges

- Overall increase of $123K in Indirect Charged to EO&M reserve

Extraordinary O&M (EO&M)

EO&M projects budget increased by 39.12%, approximately $2,141K. The in-house labor/benefits associated with the EO&M Projects increased by $173.7K.

The increase in EO&M labor causes an offsetting, direct decrease to the RO&M labor.

Capital Improvement Projects (CIP)

CIP Project budget decreased by 48.6%, approximately $3,827K. The CIP in-house labor for FY23 will have a direct impact to the RO&M labor budget.

STAFFING JUSTIFICATION FORM
FY 2023

REQUEST DATE: 10/18/21 ***EXPENSE CODE:*** 5101
PRIORITY CODE: - - ***DEPARTMENT:*** 41

Type of Purchase

	Materials
	Services
X	Other: Request for New Positions

PROJECT DESCRIPTION:	New Position: Apprentice Control Operator
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST		***CURRENT O&M COST INFORMATION***
Salary Cost:	$ 85,349.31	***:***
Benefits, etc.:	$ 25,604.79	***:***
Estimated Cost:	***$ 110,954.10***	***:***

Description of current circumstances that drive this request:

The current staffing of the Jones Pumping Plant Control Operations Department is four Control Operators, one Relief Control Operator, one Apprentice Control Operator and the Operation's Supervisor. This staffing level provides 24-7 coverage. This coverage includes two operators per shift during normal working hours and one operator per shift for the night shift and all shifts on the weekends. There is one relief operator that normally is on day shift, but covers for employees for leave or training. There is also one Apprentice Operator that will complete his training in 2022. Of this staff, two are nearing retirement. This new position will eventually result in two operators per shift at all times.

Having one person for the overnight shift has been the practice for more than 20 years. However, responsibilities of the operators have changed within the last 20 years and an additional Operator is needed to reduce the risk of damage to the facility. During this time, the Water Authority has added the remote operations of the Intertie Pumping Plant (DCI) and the Delta-Mendota Canal (DMC). Operations of the DMC includes additional daily record keeping and report submittals. In addition, the Jones Pumping Plant (JPP) pumping operations have changed significantly over the years due to environmental regulations and drought related pumping restrictions. This has resulted in more unit stops and starts and increased coordination and communication with the Central Valley Operations Office (CVO). Operators continue to remain responsible for writing and issuing all clearances. Operators are critical to the safe operations of the facility, and stretching them too thin introduces multiple risks to both personnel and equipment.

Outside of normal working hours, the operator is required to tour the JPP at least twice per shift and the operator visits the DCI once per day during the work week when two operators are on duty. During the weekends, the DCI is not visited. If an issue was to occur while the operator was away from the control desk, there is a delay addressing the issue. The current SOP requires two operators to write and issue a clearance. As a result, if a unit trips or other issues occur after normal hours or on a weekend, and a clearance is required to troubleshoot the event, a second operator is called out on overtime to assist with the clearance protocol. Due to the addition of more facilities and responsibilities, the risk of a failure occurring unnoticed by the operator has increased.

Another circumstance that drives this request is the O'Neill Plant has been using the maintenance staff to operate the equipment, which, in turn, pulls them away from the routine maintenance of the plant. With two operators on shift, the OPP maintenance staff would not need to assist with operating the equipment.

Lastly, in 2015, Reclamation's Comprehensive Security Review team documented concerns because the Operators are away from the control center for extended periods while performing security and system

checks. Alarms and warnings for the system are not audible. Recommendation No. TRA-CSR14-03 was issued to create and implement a reporting/monitoring system for these employees/operators. Having two Control Operator's on shift will satisfactorily address this recommendation.

Description of how this request would change current circumstances:

This position would be a step towards adjusting the control operator staffing to two people per shift. This will likely take 1-2 years to implement because apprentices cannot work by themselves until they have successfully completed the program.

The Authority has experienced difficulty recruiting journeyman level Control Operators, but has had excellent experience selecting existing employees and sending them to DWR apprentice training program to develop well qualified Operators specific to our facilities. Hiring an Apprentice Control Operator in FY 2023 will allow that Apprentice sufficient time to complete the apprenticeship program (three years) and gain valuable knowledge from the current Control Operations staff. After this apprentice completes the 3-year program and becomes a Journeyman Control Operator, there will be a significant reduction in the amount of overtime hours needed for the Control Operators.

STAFFING JUSTIFICATION FORM
FY2023

REQUEST DATE: 10/18/2021 ***EXPENSE CODE:*** 5101
PRIORITY CODE: - - ***DEPARTMENT:*** 45

Type of Purchase

[ ] Materials
[ ] Services
[X] Other: Request for New Position

PROJECT DESCRIPTION: ***GENERAL SPECIFICATIONS:*** ***(See attached information)***	New Position(s): Plant Mechanic Apprentice at OPP

ESTIMATED COST		***CURRENT O&M COST INFORMATION***
Salary Cost:	$ 71,564.47	***:***
Benefits, etc.:	$ 21,469.34	***:***
Estimated Cost:	***$ 93,033.81***	***:***

Description of current circumstances that drive this request:

Currently, there are six mechanics staffed at Jones Pumping Plant (JPP), and two mechanics at the O'Neill Pumping Plant (OPP). One additional mechanic is needed at OPP to support the ongoing preventive maintenance (PM) activities and upcoming EO&M projects. This new position is also timed to allow the apprentice the opportunity to work alongside the current senior mechanic, to gain knowledge from his 20+ years of experience at the plant, prior to his retirement. The Authority proposes to fill the position by promoting within and enrollment in the Department of Water Resources Apprenticeship Program.

The Labor Analysis, performed in 2018, evaluated both the routine/PM work necessary at the OPP, as well as the support needed for the EO&M projects proposed on the SLDMWA 10-Year Plan. This analysis indicated that the crew was sufficiently staffed for routine repairs and PM work, but did not have the required staff needed to support additional EO&M projects, unless significant support was provided by both the Canal Maintenance (CM) & JPP Machine Shop crews. This analysis was supported with the completion of the mechanical rehabilitation for three of the six pumps at OPP over the last five years. In order to complete the work on these three pumps, significant mechanical support was provided by both maintenance workers from the CM Department and plant mechanics from the JPP Machine Shop.

Due to the amount of in-house labor that was required for this multi-year EO&M project, as well as the amount of support needed from the other departments, the backlog of preventive maintenance (PM) work increased at each of the impacted facilities (OPP, JPP & DMC). Filling this position will allow the OPP to be self-sufficient with their O&M activities and foster a greater sense of responsibility to the plant by mechanics dedicated to a plant. The need to pull resources for mechanical support from other departments will be greatly reduced, or no longer necessary.

Based on the upcoming projects, there is an immediate need for an additional Plant Mechanic.

Description of how this request would change current circumstances:

Staffing of Mechanics at OPP will increase from 2 to 3. Hiring an Apprentice Plant Mechanic in FY 2023 will afford the apprentice almost two years of educational experience before the first rehabilitation occurs. This will ensure the crew can support the project with as minimal impact to normal operations as possible.

San Luis & Delta-Mendota Water Authority
Illustrative SLDMWA O&M Only - WY22 O&M Rates
(Excludes PUE, SLJU, & Intertie DWR Conveyance)
FAC 11.1.21

	WY 2022 Rate 3/1/22-2/28/23 Illustrative WY2022	WY 2021 Rate 3/1/21-2/28/22 Current WY2021	Variance
WATER SUPPLY			
Irrigation	0%	0%	0%
M&I	50%	50%	0%
Refuge	75%	75%	0%
Exchange/Water Rights	75%	75%	0%
RATES			
Upper DMC	$15.16	$12.65	$2.51
Upper DMC - Exhange/Wtr Rts	$14.03	$11.59	$2.44
Lower DMC/Pool	$19.02	$16.72	$2.30
Lower DMC/Pool - Exchange/Wtr Rts	$17.89	$15.66	$2.23
San Felipe	$22.09	$17.25	$4.84
SLC Above Dos Amigos	$22.08	$17.24	$4.84
SLC Below Dos Amigos	$22.07	$17.23	$4.84
San Luis Drain	$0.90	$0.80	$0.10

January 5, 2006

To: Board of Directors

From: Frances Mizuno

Subject: Index for Annual Salary Adjustments

Background

In 2004, the Board of Directors changed the Authority's Salary Policy such that salary surveys would only be conducted every three years and in the in-between years salary adjustments would be based on the Consumer Price Index (CPI) for Pacific Cities (West of less than 1,500,000 Population). In addition, for consistency the use of September CPI of any given year is to be used as the basis for salary adjustments. September CPI was selected because that is the latest CPI data available when the budget goes through Finance Committee review in October.

Staff used the September, 2005 CPI of 4.1% as a placeholder in the proposed FY 2007 budget. The 4.1% CPI for September was a manifestation of the Katrina disaster and therefore was much higher then the previous months index and higher then the October and November indexes that followed. During the Finance Committee review of the proposed budget, the issue was raised regarding the volatility of using one month as the index and the committee members expressed the desire to use an index closer to the fiscal year in which the salary adjustment was to be applied. Staff expressed the desire for consistency from one year to the next. The Finance Committee directed staff to review this issue and make a recommendation to the Board prior to the approval of the FY 2007 budget.

Recommendation

In making a recommendation, staff took into consideration the following key factors to determine the appropriate index for salary adjustments:

1. Finance Committee's desire to use the latest possible index as close to the applicable fiscal year.
2. Consistency. Need to have the same policy every year.
3. Volatility. A single month may not be reflective of the time frame.
4. Administratively/logistically practical.
5. Data used will allow for approval of budget in January. Member agencies need to have Authority's rates to prepare for individual district budgets.

Based on these factors, it is recommended that the Authority establish a policy that will use a four month average index of August-November of any given year as the index used as the basis for salary adjustments. December data is not available until mid-January. In using the four months of August-November data, it takes out the volatility, uses the latest

four months of available data closest to the applicable fiscal year and allows for approval of the budget in January. In addition, using the latest four months also provides for a better indicator as to what may happen in the next year. Given that this policy is established and applied, then the factor of consistency is also met.

As far as meeting the administrative/logistically practical factor, it is recommended that during the budget review process during the months of October and until the budget is approved in January, the average of the August and September CPI is to be used as a placeholder in the proposed budget. This placeholder will be in place for the Finance Committee review, the initial Board submittal in December and the 30-day review by water users. Then when the proposed budget that is presented to the Board for approval in January the budget will be adjusted to reflect the four month August-November index as the proposed salary adjustment.

San Luis & Delta-Mendota Water Authority

Regular Operation & Maintenance And Extraordinary O&M & Capital Improvement

Proposed Budgets

Fiscal Year 2023

TO: **OPERATIONS & MAINTENANCE TECHNICAL COMMITTEE**

Chris White, Chairman
Bobby Pierce
Jeff Bryant
Juan Cadena
Nader Noori
Gary Nagaoka
Bill Pierce
Chris Hickernell
Danny Wade
Designated Alternates

FROM: **Steve Larsen, Operations & Maintenance Manager**

DATE: **October 18, 2021**

SUBJECT: Approval of Proposed Fiscal Year 2023 Operations & Maintenance Budget

This memo provides a summary of the major changes between the proposed FY23 and the FY22 Total O&M Budgets.

The proposed FY23 total O&M Budget is $28,543,128 compared to the FY22 budget of $28,451,353 for an overall increase of 0.32%. The total proposed self-funded portion paid by the water users is $28,470,317 which is an increase of 0.32% from the FY22 budget. The RO&M portion of the budget increased by 11.77%. The EO&M portion of the budget increased by 39.12% and the Capital Improvement Projects (CIP-USBR Funded) decreased by 48.6%.

Relative to salary placeholders, in 2006 the Authority established a policy (attached) of using a four-month average CPI of August-November of any given year as the index used as the basis for salary adjustments. Given the October review by the O&M Technical Committee, the same policy directs that the average of August and September CPI be used as a placeholder in the initial proposed budget. The CPI for September 2021 will be released October 14, 2021, but the average of the August 2021 CPI (6.2) and July 2021 CPI (6.7) is 6.45. That said, staff has included a preliminary 3% increase placeholder, given the significant increase in CPI compared to last year and expectation that the large monthly increases may be temporary. Staff expects to discuss the salary placeholder with the O&M Technical Committee in the upcoming meeting, and notes that the salary placeholder is subject to change.

New positions proposed for FY23 are added to address impending retirements.

1) Apprentice Operator – see justification (page 18)
2) Apprentice Plant Mechanic – see justification (page 19)

Adjusted Routine O&M (RO&M) Budget increase of 12.72% or $1,796.1K

Parts, Materials and Services ($348.1K increase)

- Small tools increased $12.8K (34.33%)
  - Replacement defibrillators and CPR training equipment
- Clothing, Personal Protective Equipment (PPE) increased $12.2K (33.93%)
  - Requirement for arc-flash rated clothing
  - Safety boot allowance raised to $200/year
- Legal decreased $53K (-27.60%)
  - Adjusted to match current projects
- Other Professional Services increased $11.9K (5.13%)
  - Adjusted to match current projects
- Other Services & Expenses increased $138K (44.81%)
  - NetSuite CMMS Program
- Computer Software increased $5.7K (13.67%)
  - Additional AutoCAD license
  - software for PLC (Programmable Logic controller)
- Professional organization dues decreased 0.7K (-11.61%)
  - More closely match actual
- Conference & Training Costs increased $38.7K (36.32%)
  - Training for Electrical Safety, Arc Flash
  - OSHA Crane operator, inspections, testing
  - Technical training for protective relays
- Employee and Group meetings $1.9K (7.66%)
  - More closely match actual.
- Petroleum, oil and lubricants increased $16.5K (6.95%)
  - Estimating fuel costs to be $3.50 per gallon for both unleased gas and diesel.
- Outside Services – Vehicles/Construction Equipment increased $5.5K (8.26%)
  - Match actual expenditures.
- Rents/Leases – Vehicles/Construction Equipment increased $3.5K (7.0%)
  - Water truck rental during earth work; increased requirements due to Air Resources Board

- Parts and Materials decreased by a total of $58.5K (-9.63%)
  - There was a net reduction in Special Projects of $107.6K
  - The routine parts and materials were increased by $49.1K to account for inflation and shipping cost increases

- Outside Services – Facilities and plant equipment increased $180.6K (82.62%)
  - There was a net increase in Special Projects of $165K
  - The remaining increase is based on adding HVAC services at OPP

- Pipe, metal, and Treatments – increased $13K (36.31%)
  - Anticipated price increases, based on current pricing for ferrous and non-ferrous metals

- Sand, Backfill & Rock increased $1.5K (11.11%)
  - Match actual expenditures

- Concrete and Paving Materials increased $5K (20.0%)
  - Match actual expenditures

- Chemicals increased $9.5K (7.11%)
  - Based on same usage as prior year with a 7% estimated price increase

- Network Communications decreased $7K (-8.24%)
  - Match actual expenditures

- Hazardous Waste Disposal increased $3.5K (14.1%)
  - Match actual expenditures; tires

- Special Projects, Equipment and Services (see justifications) increased $57.4K
  - OPP replacement plant equipment (Vacuum pump, cooling water strainers, sand filter control valves, and servo motor piston rings)
  - JPP replacement plant equipment (shaft sleeve and breaker upgrades)
  - DCI replacement plant equipment (relay replacement and anode replacement)
  - Electrical Test equipment (see justification) necessary to maintenance and testing; boroscope, Infra-Red scope, Oscilloscope, Power meter)
  - Replacement machine shop equipment (see justification); vertical mill (Bridgeport) and Iron Worker, 50-ton hydraulic type
  - Engineering test equipment replacement (see justification); Ultrasonic thickness tester

Insurance Premiums and Fees

- Increase of $14K (5.82%)

Equipment/Capital Asset Purchases

- Net decrease from FY22 of $13.35K, see justifications (-6.76%)

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2022 APPROVED, PROPOSED FY2023 TOTAL BUDGET SUMMARY

O&M Budget Summary	Approved FY22 Budget	Proposed FY23 Budget 10.18.21 OMTC	% Change FY22 - FY23
Routine O&M (Water Users)	$ 15,031,622	$ 16,809,017	11.82%
USBR Funded O&M (Service Contract)	$ 72,781	$ 72,811	0.04%
TOTAL (Water Users & USBR)	**$ 15,104,403**	**$ 16,881,828**	**11.77%**
Extraordinary O&M (Water Users)	$ 5,472,950	$ 7,614,100	39.12%
Capital Improvements Projects	$ 7,874,000	$ 4,047,200	-48.60%
TOTAL (EO&M/CIP)	**$ 13,346,950**	**$ 11,661,300**	**-12.63%**
TOTAL (includes Service Contract)	**$ 28,451,353**	**$ 28,543,128**	**0.32%**
Total Self Funded Budget (Water Users, excludes Service Contract)	**$ 28,378,572**	**$ 28,470,317**	**0.32%**

Routine O&M Budget

Staffing Levels

Materials Evaluation

Vehicle and Equipment

Acquisition

1. Staffing

Summary of Assumptions and Considerations

A. Proposed O&M positions budgeted fully or partially for FY23:

Position	Number in FY23
Accountant II	2
Accountant III	1
Accounting Technician I	2
Accounting Technician III	1
Chief Operating Officer	1
Buyer	1
C&I Technician	3
Canal Operator	2
Canal Operator, Relief/Rodent Control	1
Civil Engineer, Associate	1
Civil Maintenance Foreman	2
Civil Maintenance Planner	1
Civil Maintenance Superintendent	1
Civil Maintenance Worker	11
Contract Specialist	1
Control Operator (includes 2 apprentices)	6*
Control Operator, Relief	1
Custodian	2
Director of Finance	1
Director of HR & Administration	1
Electrical Engineer, Assistant	1
Electrical Project Specialist	1
Electric Shop Foreman	1
Electrician (includes 2 apprentices)	7
Engineering & Planning Manager	1
Sr Engineering Technician	1
Equipment Mechanic	2
Executive Director	1
Executive Secretary	1
Facilities O&M Director	1
General Council	1
General Council, Deputy (Vacant)	1
HR Analyst II	1
HR Coordinator	1
Heavy Equipment Operator	4
Hydro-Electric Maintenance Planner	1
Hydro-Tech I	3
Hydro-Tech II	2
Hydro-Tech III	1
Inventory Control Clerk	1
IT Officer	1
Mechanical Engineer	1
Office Assistant	1
Operations & Maintenance Manager	1
Operational Accounting Supervisor	1

Position (cont.)	Number in FY23
Operations Supervisor	1
Painter	1
Plant Engineer	1
Plant Foreman, O'Neill	1
Plant Foreman, Machine Shop	1
Plant Mechanic II (includes 2 apprentices)	9*
Project Coordinator	1
Safety Officer	1
SCADA Engineer	1
SCADA Technician	1
Secretary	1
Special Programs Administrator	1
Special Programs Manager	1
Water Accounting Supervisor	1
Water Operations Superintendent	1
Weed Control Specialist	1
Work and Asset Manager	1
Work Planning Technician	1
Total Positions	105

New positions denoted with an asterisk (*), see justifications on pages (18 and 19)

B. Routine O&M salaries will vary each year depending on the amount of staff labor dedicated to EO&M and Capital projects.

C. Costs associated with USBR activities (Tracy Fish Collection Facility & Fish Release sites, and Delta Cross Channel) are paid directly by the USBR through a service contract.

2. Materials

The Authority staff evaluates the materials and services costs annually and adjusts those costs depending on planned projects and pricing trends for given materials and services.

3. Vehicles, Equipment and Computer Acquisition

New equipment purchases in excess of $10,000 are supported with a Cost Justification.

January 5, 2006

To: Board of Directors

From: Frances Mizuno

Subject: Index for Annual Salary Adjustments

Background

In 2004, the Board of Directors changed the Authority's Salary Policy such that salary surveys would only be conducted every three years and in the in-between years salary adjustments would be based on the Consumer Price Index (CPI) for Pacific Cities (West of less than 1,500,000 Population). In addition, for consistency the use of September CPI of any given year is to be used as the basis for salary adjustments. September CPI was selected because that is the latest CPI data available when the budget goes through Finance Committee review in October.

Staff used the September, 2005 CPI of 4.1% as a placeholder in the proposed FY 2007 budget. The 4.1% CPI for September was a manifestation of the Katrina disaster and therefore was much higher then the previous months index and higher then the October and November indexes that followed. During the Finance Committee review of the proposed budget, the issue was raised regarding the volatility of using one month as the index and the committee members expressed the desire to use an index closer to the fiscal year in which the salary adjustment was to be applied. Staff expressed the desire for consistency from one year to the next. The Finance Committee directed staff to review this issue and make a recommendation to the Board prior to the approval of the FY 2007 budget.

Recommendation

In making a recommendation, staff took into consideration the following key factors to determine the appropriate index for salary adjustments:

1. Finance Committee's desire to use the latest possible index as close to the applicable fiscal year.
2. Consistency. Need to have the same policy every year.
3. Volatility. A single month may not be reflective of the time frame.
4. Administratively/logistically practical.
5. Data used will allow for approval of budget in January. Member agencies need to have Authority's rates to prepare for individual district budgets.

Based on these factors, it is recommended that the Authority establish a policy that will use a four month average index of August-November of any given year as the index used as the basis for salary adjustments. December data is not available until mid-January. In using the four months of August-November data, it takes out the volatility, uses the latest

four months of available data closest to the applicable fiscal year and allows for approval of the budget in January. In addition, using the latest four months also provides for a better indicator as to what may happen in the next year. Given that this policy is established and applied, then the factor of consistency is also met.

As far as meeting the administrative/logistically practical factor, it is recommended that during the budget review process during the months of October and until the budget is approved in January, the average of the August and September CPI is to be used as a placeholder in the proposed budget. This placeholder will be in place for the Finance Committee review, the initial Board submittal in December and the 30-day review by water users. Then when the proposed budget that is presented to the Board for approval in January the budget will be adjusted to reflect the four month August-November index as the proposed salary adjustment.

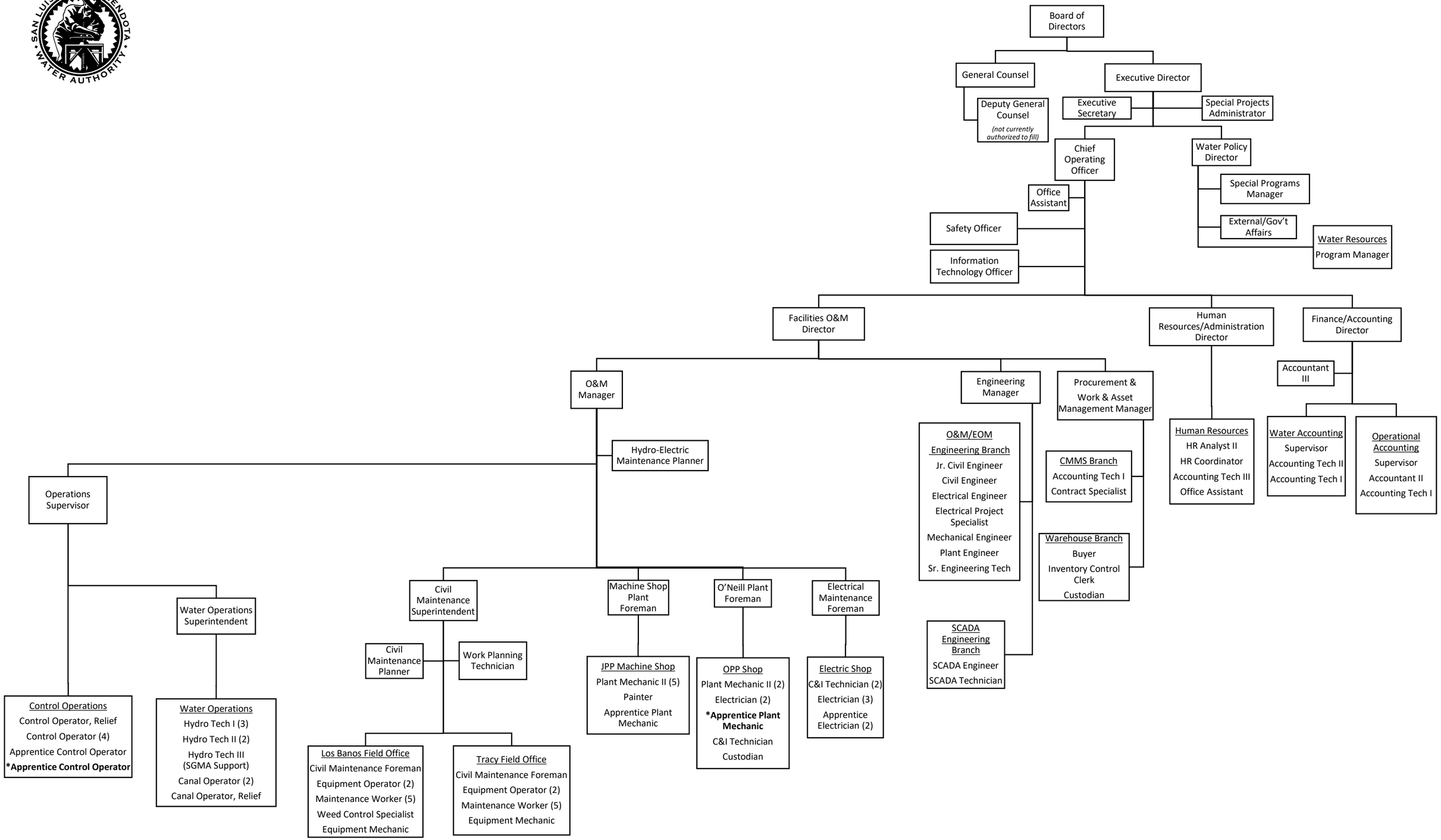
Routine O&M Budget

Staffing Levels

Materials Evaluation

Vehicle and Equipment

Acquisition



*New Proposed positions

Rev. 10/11/2021

Routine O&M Budget

FY23 Proposed Budget

Summary &

Line Item Details

Final - BOD approved xx.xx.xx Revised: 10/11/2021

	COLUMN	B	C	C vs B	
	SLDMWA ANNUAL BUDGET ROUTINE O&M BUDGET FY23 SELF-FUNDED & USBR - FUNDED O&M ONLY SUMMARY (no EO&M & CIP) *Proposed Budget*	**2022 APPROVED BUDGET FY22**	**2023 PROPOSED BUDGET FY23**		**COMMENTS - 2023 A comment is necessary for any variance greater than 5%, except all payroll related changes.**
5101	Salaries	7,684,581	8,355,136	8.73%	
5102	Overtime	297,450	318,400	7.04%	
5103	Salary Adjustments	1,425,750	1,671,027	17.20%	
5108	Sick Cash Out Expense	20,000	20,000	0.00%	
5141	Health Insurance - SLDMWA Contr	1,894,737	2,386,617	25.96%	
	Subtotal Salaries & Employee Benefits	**11,322,518**	**12,751,180**	12.62%	
5210	Office Services & Supplies	64,050	64,650	0.94%	
5211	Mailing Costs	6,700	6,800	1.49%	
5216	Small Tools	37,300	50,100	34.32%	Increase due to Replacement of AED devices, CPR/First Aid Kits & cost of replacement tools
5221	Clothing, Personal Equip/Laundry Srvcs	36,100	48,350	33.93%	Increase due to PPE replacement clothing and boots
5226	Janitorial Supplies & Services	13,650	13,900	1.83%	
5227	Engineering Consultant	155,000	154,500	-0.32%	
5228	Auditing	41,000	42,000	2.44%	
5229	Legal	192,000	139,000	-27.60%	Decreased to better match actual expenses
5231	Other Professional Services	231,900	243,800	5.13%	Increased to better match actual expenses (GP Support, Netw Consultant & Comp tech support cost increases)
5236	Security Services/Systems	0	0	0.00%	
5237	Fees & Licenses	19,335	19,870	2.77%	
5241	Other Services & Expenses	307,880	445,840	44.81%	Increase due to NetSuite & telephone tech support & Recruitment services
5243	Computer Software	41,700	47,400	13.67%	Increase due to additional AutoCAD & PLC application licenses
5245	Contract Labor	0	0	0.00%	
5246	Rents/Leases - Ofc. Machinery & Equipment	2,940	2,940	0.00%	
5247	Organizational Membership Dues	25,000	25,000	0.00%	
5251	Professional Organization Dues	6,030	5,330	-11.61%	Decreased to better match actual expenses
5256	Conference & Training Costs	106,450	145,115	36.32%	Increase due to OSHA Req'd training and craft technical training due to reduced knowledge base associated with recent retirements
5261	Travel	96,600	95,600	-1.04%	
5271	Employee & Group Meetings	24,940	26,850	7.66%	Increased to better match actual expenses
5286	Parts/Materials - Vehicle/Constrct Equip	80,000	80,000	0.00%	
5288	Petroleum, Oil & Lubricants	237,450	253,950	6.95%	Budget based on $3.50/gal unleaded & $3.50/gal diesel
5291	Outside Services - Vehicle/Constrct Equip	66,550	72,050	8.26%	Increased to better match actual expenses
5296	Rents/Leases - Vehicle/Constrct Equip	50,000	53,500	7.00%	Increased to better match actual expenses
5301	Parts & Materials - Bldg/Grnds/Mach/Equip	607,200	548,700	-9.63%	Decrease related to Special Projects (See justifications in packet)
5311	Outside Services - Bldg/Grnds/Mach/Equip	218,600	399,200	82.62%	Increase related to Special Projects (See justifications in packet)
5316	Rents/Leases - Land & Buildings	135,000	137,160	1.60%	
5331	Pipe, Metal & Treatments	35,800	48,800	36.31%	Increase due to cost of materials
5341	Sand, Backfill & Rock	13,500	15,000	11.11%	Increase due to cost of materials
5351	Concrete & Paving Material	25,000	30,000	20.00%	Increase due to cost of materials
5361	Chemicals	133,800	143,313	7.11%	Anticpated price increase
5372	Telephone Expenses	109,470	113,910	4.06%	
5373	Energy	76,600	76,600	0.00%	
5374	Radio Communications	0	0	0.00%	
5375	Network Communications	85,000	78,000	-8.24%	Decreased to better match actual expenses (78K Wide Area Network & 3K OPP SCADA)
5376	Hazardous Waste Disposal	24,800	28,300	14.11%	Increased to better match actual expenses
5377	Disposal Expense	37,400	37,380	-0.05%	
	Subtotal Services & Supplies	**3,344,745**	**3,692,908**	**10.41%**	
5401	Insurance Premiums & Fees	239,600	253,550	5.82%	Anitcipated cost increase
	Subtotal Other Charges	**239,600**	**253,550**	**5.82%**	
5521	New/Replacement Equipment & Furniture	159,540	155,190	-2.73%	
5523	Computer Hardware	20,000	19,000	-5.00%	Decreased to better match actual expenses
5526	Water Meters	18,000	10,000	-44.44%	Reduced expenses due to EO&M Flowmeter Upgrade project
5541	Automotive & Light Trucks	0	0	0.00%	
5544	Heavy Equipment	0	0	0.00%	
5561	Construction Equipment/Payment	0	0	0.00%	
	Subtotal Capital Assets	**197,540**	**184,190**	**-6.76%**	
	TOTAL ROUTINE O&M BUDGET	**15,104,403**	**16,881,828**	**11.77%**	

RO&M BUDGET FY 2023 LINE ITEM DETAIL

	100.00%																			
Revised: 10.8.21	11,823,963.46	7.86%														4.65%	27.46%	0.82%	0.72%	16.80%
SLDMWA ANNUAL BUDGET SUMMARY DETAIL OF ALL DEPTS Proposed Final - BOD xx.xx.xx ***R, O & M***	**Total including EO&M PAT GRANTS, & USBR**	**FUND 26 EO&M Total**	**Fund 26 EO&M Project DO Computers**	**Fund 26 EO&M Project D1 Vehicles**	**Fund 26 EO&M Project D2 H/Equip**	**Fund 26 EO&M Project D3 Facilities Infra**	**Fund 26 EO&M Project E6 Road Maint**	**Fund 26 EO&M Project G3 Main Trnsf Rehab**	**Fund 26 EO&M Project I3 Subsidence Corr**	**Fund 26 EO&M Project I6 Trnt Flwmtr Upgrd**	**Fund 26 EO&M Project J2 Pmp Bwl Repl**	**Fund 26 EO&M Project K0 St Srvc Bckp Batt**	**Fund 26 EO&M Project K1 Cncrt Slab**	**Fund 26 EO&M Project K2 HVAC Sys Rehab**	**Fund 26 EO&M Project K5 SCADA Sys Eval**	**Fund 26 EO&M Project K6 Accu Flwmtr Upgrd**	**FUND 25 USBR/CIP F4 Unit Rewind**	**02 Maint DMC**	**04 O&M W/W**	**05 O&M Mendota Pool**	**11 JPP**
5101 - Salaries	9,834,536.21	929,400.00	0.00	0.00	0.00	0.00	13,300.00	0.00	721,100.00	6,200.00	40,500.00	19,700.00	38,600.00	51,000.00	20,800.00	18,200.00	550,000.00	2,626,083.07	77,695.17	68,598.25	1,577,570.31
5102 - Overtime	318,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95,189.90	3,140.00	2,400.00	93,137.10
5103 - Salary Related Benefits	1,671,027.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	525,216.61	15,539.03	13,719.65	315,514.06
5108 - Sick Cash Out Expense	20,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5141 - Health Insurance	2,386,616.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	881,040.31	26,031.32	23,165.59	443,066.43
Total Salary Related	**14,230,579.97**	**929,400.00**	**0.00**	**0.00**	**0.00**	**0.00**	**13,300.00**	**0.00**	**721,100.00**	**6,200.00**	**40,500.00**	**19,700.00**	**38,600.00**	**51,000.00**	**20,800.00**	**18,200.00**	**550,000.00**	**4,127,529.89**	**122,405.53**	**107,883.49**	**2,429,287.91**
5210 - Office Srvcs & Supp.	64,650.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,900.00	0.00	0.00	2,100.00
5211 - Mailing Costs	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00	0.00	0.00	0.00
5216 - Small Tools	50,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,800.00	0.00	200.00	14,400.00
5221 - Clothing, Pers Equip.	48,350.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,550.00	0.00	500.00	23,300.00
5226 - Janitorial Svcs & Supplies	13,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,200.00	0.00	0.00	400.00
5227 - Engineering Consult.	554,500.00	400,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250,000.00	0.00	0.00	0.00	150,000.00	0.00	0.00	20,000.00	0.00	0.00	40,000.00
5228 - Auditing	42,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5229 - Legal	144,000.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,000.00	0.00	0.00	0.00
5231 - Other Professional Svcs.	3,678,800.00	2,937,800.00	0.00	0.00	0.00	0.00	0.00	2,100,000.00	837,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	497,200.00	66,000.00	1,000.00	0.00	0.00
5237 - Fees & Licenses	19,870.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	0.00	600.00
5241 - Other Services & Expenses	450,840.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,200.00	0.00	0.00	9,300.00
5243 - Computer Software & Parts < $1000. Each	47,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5245 - Contract Labor	450,000.00	450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5246 - Rents/Leases - Office Machines & Equipment	2,940.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5247 - Organizational Membership	25,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5251 - Dues - Prof. & Org.	5,330.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700.00	0.00	0.00	300.00
5256 - Conference/ Training	145,115.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,500.00	0.00	0.00	33,500.00
5261 - Travel	101,100.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	16,000.00	0.00	0.00	38,000.00
5271 - Employee & Group Mtgs.	26,850.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,900.00	0.00	0.00	2,700.00
5286 - Vehicle Parts & Materials	80,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80,000.00	0.00	0.00	0.00
5288 - Petroleum, Oil & Lubricants	253,950.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246,150.00	0.00	0.00	0.00
5291 - Outside Services - Vehicles & Constr. Equip	72,050.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67,000.00	0.00	0.00	0.00
5296 - Rents/Leases - Vehicle & Construction Equipment	59,100.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	2,500.00	0.00	0.00	0.00	50,000.00	0.00	0.00	2,500.00
5301 - Parts/Material-Bldg, Grounds, Mach. & Equip.	732,100.00	183,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24,400.00	0.00	159,000.00	0.00	168,100.00	7,850.00	2,200.00	139,200.00
5311 - Outside Serv.-Bldg, Grounds, Mach. & Equip.	5,564,700.00	2,165,500.00	0.00	0.00	0.00	47,000.00	232,000.00	0.00	0.00	255,000.00	1,500,000.00	110,000.00	0.00	21,500.00	0.00	0.00	3,000,000.00	80,900.00	0.00	1,000.00	112,600.00
5316 - Rents/Leases - Land & Bldg.	137,160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5331 - Pipe, Metal & Treatments	48,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22,500.00	1,000.00	0.00	12,500.00
5341 - Sand, Backfill and Rock	15,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	0.00	0.00
5351 - Concrete & Paving Mat.	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30,000.00	0.00	0.00	0.00
5361 - Chemicals	143,313.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121,213.00	1,200.00	0.00	3,900.00
5372 - Telephone Expenses	113,910.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,500.00	0.00	0.00	7,500.00
5373 - Energy	76,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66,000.00	0.00	0.00	0.00
5374 - Radio Communication	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5375 - Computer Comm.	78,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5376 - Hazardous Waste Disposal	28,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,500.00	0.00	0.00	6,800.00
5377 - Disposal Expenses	37,380.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,700.00	500.00	0.00	17,800.00
5401 - Insurance Premiums and Fees	253,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5521 - New/Replacement Equip. & Furniture	155,190.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,500.00	0.00	0.00	57,600.00
5523 - Computer Hardware	168,200.00	149,200.00	149,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5526 - Water Meters	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0.00	8,000.00	0.00
5541 - Vehicles & Constr. Equip	128,400.00	128,400.00	0.00	128,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5544 - Heavy Equipment	249,300.00	249,300.00	0.00	0.00	249,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total All Other Expenses	**14,312,548.00**	**6,684,700.00**	**149,200.00**	**128,400.00**	**249,300.00**	**47,000.00**	**232,000.00**	**2,100,000.00**	**850,900.00**	**255,000.00**	**1,755,500.00**	**110,000.00**	**450,000.00**	**48,400.00**	**150,000.00**	**159,000.00**	**3,497,200.00**	**1,270,413.00**	**11,550.00**	**11,900.00**	**525,000.00**
Grand Total	**28,543,127.97**	**7,614,100.00**	**149,200.00**	**128,400.00**	**249,300.00**	**47,000.00**	**245,300.00**	**2,100,000.00**	**1,572,000.00**	**261,200.00**	**1,796,000.00**	**129,700.00**	**488,600.00**	**99,400.00**	**170,800.00**	**177,200.00**	**4,047,200.00**	**5,397,942.89**	**133,955.53**	**119,783.49**	**2,954,287.91**

RO&M BUDGET FY 2023 LINE ITEM DETAIL

	100.00%													A	B	
Revised: 10.8.21	11,823,963.46	0.86%	0.31%	12.40%	0.08%	0.92%	0.00%	1.19%	1.19%	0.99%	2.93%	8.37%	12.47%	87.49%		
SLDMWA ANNUAL BUDGET SUMMARY DETAIL OF ALL DEPTS Proposed Final - BOD xx.xx.xx *R, O & M*	**Total including EO&M PAT GRANTS, & USBR**	12 DCI	13 Volta Wells Pumping	19 ONP	30 Maint TFF	41 SLD	44 O&M Delta X-Chnl	50 Safety	51 IT	52 Ware-housing	54 TFO Exp.	56 Direct O&M	58 O&M LBAO Admin	**FY23 TOTAL DMC**	**FY22 TOTAL DMC**	**% Change FY23 vs FY22 DMC (A - B)/B**
5101 - Salaries	9,834,536.21	80,935.75	28,983.46	1,159,948.72	7,132.65	88,772.38	0.00	117,250.28	117,058.60	96,202.11	278,321.28	819,560.03	1,211,024.16	8,355,136.21	7,684,580.90	8.73%
5102 - Overtime	318,400.00	4,360.00	1,598.00	73,675.30	1,388.00	2,730.00	0.00	0.00	0.00	1,334.30	12,387.00	6,294.70	20,765.70	318,400.00	297,450.00	7.04%
5103 - Salary Related Benefits	1,671,027.24	16,187.15	5,796.69	231,989.74	1,426.53	17,754.48	0.00	23,450.06	23,411.72	19,240.42	55,664.26	163,912.01	242,204.83	1,671,027.24	1,425,749.78	17.20%
5108 - Sick Cash Out Expense	20,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20,000.00	20,000.00	20,000.00	0.00%
5141 - Health Insurance	2,386,616.52	23,768.70	8,766.82	308,922.38	2,372.62	29,837.39	0.00	0.00	0.00	33,766.30	78,121.19	194,224.21	333,533.26	2,386,616.52	1,894,737.32	25.96%
Total Salary Related	**14,230,579.97**	**125,251.61**	**45,144.96**	**1,774,536.15**	**12,319.80**	**139,094.25**	**0.00**	**140,700.33**	**140,470.32**	**150,543.12**	**424,493.72**	**1,183,990.95**	**1,827,527.95**	**12,751,179.97**	**11,322,518.00**	**12.62%**
5210 - Office Srvcs & Supp.	64,650.00	0.00	0.00	750.00	0.00	0.00	0.00	2,000.00	200.00	2,800.00	0.00	14,100.00	35,800.00	64,650.00	64,050.00	0.94%
5211 - Mailing Costs	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00	5,600.00	6,800.00	6,700.00	1.49%
5216 - Small Tools	50,100.00	0.00	0.00	11,300.00	0.00	0.00	0.00	11,000.00	500.00	600.00	0.00	300.00	0.00	50,100.00	37,300.00	34.32%
5221 - Clothing, Pers Equip.	48,350.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	100.00	1,000.00	0.00	1,000.00	300.00	48,350.00	36,100.00	33.93%
5226 - Janitorial Svcs & Supplies	13,900.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	200.00	7,100.00	0.00	2,000.00	13,900.00	13,650.00	1.83%
5227 - Engineering Consult.	554,500.00	1,500.00	0.00	83,000.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	0.00	154,500.00	155,000.00	-0.32%
5228 - Auditing	42,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42,000.00	42,000.00	41,000.00	2.44%
5229 - Legal	144,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63,000.00	8,000.00	139,000.00	192,000.00	-27.60%
5231 - Other Professional Svcs.	3,678,800.00	0.00	0.00	0.00	0.00	1,000.00	0.00	7,500.00	111,800.00	0.00	1,000.00	20,000.00	35,500.00	243,800.00	231,900.00	5.13%
5237 - Fees & Licenses	19,870.00	0.00	0.00	1,000.00	0.00	0.00	0.00	600.00	0.00	0.00	1,000.00	1,220.00	450.00	19,870.00	19,335.00	2.77%
5241 - Other Services & Expenses	450,840.00	4,000.00	0.00	19,400.00	0.00	0.00	0.00	0.00	245,200.00	1,950.00	18,400.00	10,000.00	121,390.00	445,840.00	307,880.00	44.81%
5243 - Computer Software & Parts < $1000. Each	47,400.00	0.00	0.00	0.00	0.00	0.00	0.00	750.00	46,650.00	0.00	0.00	0.00	0.00	47,400.00	41,700.00	13.67%
5245 - Contract Labor	450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
5246 - Rents/Leases - Office Machines & Equipment	2,940.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,940.00	2,940.00	2,940.00	0.00%
5247 - Organizational Membership	25,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25,000.00	25,000.00	25,000.00	0.00%
5251 - Dues - Prof. & Org.	5,330.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	3,830.00	5,330.00	6,030.00	-11.61%
5256 - Conference/ Training	145,115.00	0.00	0.00	9,500.00	0.00	0.00	0.00	37,400.00	3,700.00	300.00	1,500.00	16,215.00	23,500.00	145,115.00	106,450.00	36.32%
5261 - Travel	101,100.00	0.00	0.00	14,000.00	0.00	0.00	0.00	2,000.00	1,500.00	400.00	500.00	7,200.00	16,000.00	95,600.00	96,600.00	-1.04%
5271 - Employee & Group Mtgs.	26,850.00	0.00	0.00	850.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	2,900.00	18,400.00	26,850.00	24,940.00	7.66%
5286 - Vehicle Parts & Materials	80,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80,000.00	80,000.00	0.00%
5288 - Petroleum, Oil & Lubricants	253,950.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	2,500.00	253,950.00	237,450.00	6.95%
5291 - Outside Services - Vehicles & Constr. Equip	72,050.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	4,050.00	72,050.00	66,550.00	8.26%
5296 - Rents/Leases - Vehicle & Construction Equipment	59,100.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,500.00	50,000.00	7.00%
5301 - Parts/Material-Bldg, Grounds, Mach. & Equip.	732,100.00	37,600.00	6,000.00	122,650.00	9,500.00	2,000.00	0.00	4,000.00	0.00	1,000.00	47,000.00	0.00	1,600.00	548,700.00	607,200.00	-9.63%
5311 - Outside Serv.-Bldg, Grounds, Mach. & Equip.	5,564,700.00	55,000.00	0.00	82,200.00	6,500.00	0.00	38,000.00	0.00	0.00	12,000.00	11,000.00	0.00	0.00	399,200.00	218,600.00	82.62%
5316 - Rents/Leases - Land & Bldg.	137,160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137,160.00	137,160.00	135,000.00	1.60%
5331 - Pipe, Metal & Treatments	48,800.00	1,800.00	0.00	9,000.00	0.00	1,000.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	48,800.00	35,800.00	36.31%
5341 - Sand, Backfill and Rock	15,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	13,500.00	11.11%
5351 - Concrete & Paving Mat.	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30,000.00	25,000.00	20.00%
5361 - Chemicals	143,313.00	1,900.00	0.00	2,100.00	0.00	12,000.00	0.00	0.00	0.00	0.00	1,000.00	0.00	0.00	143,313.00	133,800.00	7.11%
5372 - Telephone Expenses	113,910.00	0.00	0.00	3,000.00	0.00	0.00	0.00	2,480.00	45,380.00	0.00	800.00	10,560.00	17,690.00	113,910.00	109,470.00	4.06%
5373 - Energy	76,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,600.00	76,600.00	76,600.00	0.00%
5374 - Radio Communication	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
5375 - Computer Comm.	78,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78,000.00	0.00	0.00	0.00	0.00	78,000.00	85,000.00	-8.24%
5376 - Hazardous Waste Disposal	28,300.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00	0.00	28,300.00	24,800.00	14.11%
5377 - Disposal Expenses	37,380.00	0.00	0.00	2,500.00	0.00	500.00	0.00	0.00	0.00	3,200.00	0.00	0.00	2,180.00	37,380.00	37,400.00	-0.05%
5401 - Insurance Premiums and Fees	253,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,600.00	247,950.00	253,550.00	239,600.00	5.82%
5521 - New/Replacement Equip. & Furniture	155,190.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	2,000.00	7,000.00	8,500.00	67,090.00	155,190.00	159,540.00	-2.73%
5523 - Computer Hardware	168,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,000.00	0.00	0.00	0.00	0.00	19,000.00	20,000.00	-5.00%
5526 - Water Meters	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00	18,000.00	-44.44%
5541 - Vehicles & Constr. Equip	128,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
5544 - Heavy Equipment	249,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
Total All Other Expenses	**14,312,548.00**	**101,800.00**	**6,000.00**	**378,650.00**	**16,000.00**	**16,500.00**	**38,000.00**	**68,730.00**	**552,030.00**	**28,550.00**	**106,300.00**	**167,695.00**	**831,530.00**	**4,130,648.00**	**3,781,885.00**	**9.22%**
Grand Total	**28,543,127.97**	**227,051.61**	**51,144.96**	**2,153,186.15**	**28,319.80**	**155,594.25**	**38,000.00**	**209,430.33**	**692,500.32**	**179,093.12**	**530,793.72**	**1,351,685.95**	**2,659,057.95**	**16,881,827.97**	**15,104,403.00**	**11.77%**

Routine O&M Budget

FY23 Proposed

Staffing Justifications

STAFFING JUSTIFICATION FORM
FY 2023

REQUEST DATE: 10/11/21 ***EXPENSE CODE:*** 5101
PRIORITY CODE: - - ***DEPARTMENT:*** 41

Type of Purchase

	Materials
	Services
X	Other: Request for New Positions

PROJECT DESCRIPTION:	New Position: Apprentice Control Operator
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST		***CURRENT O&M COST INFORMATION***
Salary Cost:	$ 85,349.31	***:***
Benefits, etc.:	$ 25,604.79	***:***
Estimated Cost:	***$ 110,954.10***	***:***

Description of current circumstances that drive this request:

There are currently three (3) Control Operators that are within 5 years of retirement. Each of these Operators has at least 15-years of experience in the position.

Description of how this request would change current circumstances:

The Authority has experienced difficulty recruiting for journeyman level Operators but have had excellent experience with hiring entry level employees and providing the apprentice training program to develop well qualified Operators specific to our facilities. Hiring an Apprentice Control Operator in FY 2023 will allow that Apprentice sufficient time to complete the apprenticeship program (three years) and gain the valuable knowledge from the current Control Operations staff in time for the impending retirement.

STAFFING JUSTIFICATION FORM
FY2023

EXPENSE CODE: 5101
PRIORITY CODE: - - ***BUDGET UNIT:*** 45

Type of Purchase

	Materials
	Services
X	Other: Request for New Position

PROJECT DESCRIPTION: ***GENERAL SPECIFICATIONS:*** ***(See attached information)***	New Position(s): Plant Mechanic Apprentice

ESTIMATED COST		***CURRENT O&M COST INFORMATION***
Salary Cost:	$ 71,564.47	***:***
Benefits, etc.:	$ 21,469.34	***:***
Estimated Cost:	***$ 93,033.81***	***:***

Description of current circumstances that drive this request:

The O'Neill crew currently has two (2) Plant Mechanics. One of the plant mechanics has over 25 years with the company and is nearing retirement. This along with the planned pump bowl replacement and pump rehabilitation projects starting in about 2 years, will result in a substantial increase in plant mechanic labor hours to complete.

Description of how this request would change current circumstances:

Hiring an Apprentice Plant Mechanic in FY 2023 will allow that Apprentice sufficient time to complete the apprenticeship program (four years) and gain the valuable knowledge from the staff in time for the impending retirement.

Routine O&M Budget

FY23 Proposed

Special Projects &

Equipment

Justifications

SPECIAL PROJECT JUSTIFICATION FORM

FY2023

REQUEST DATE: 8/30/2021 ***EXPENSE CODE:*** 5241

PRIORITY CODE: - - ***BUDGET UNIT:*** 60

Type of Purchase

x	Materials
	Services
	Other:

PROJECT DESCRIPTION:	Electrical Testing
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	$5,000
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$5,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
OPP Unit Condition Assessment 2018 has recommended to perform ramp test for all the units every 3 years to monitor the units until the planned rewind in the future. This funding allows to do 2 units per year.

Description of how this request would change current circumstances:
Per FIST 4-1B Section 21.0 Generators and Large Motors, ramp tests were to be performed every 6 years. The recommendation for ramp tests for OPP Units have increased the frequency to every 3 years. The request for Electrical Testing budget would accommodate the required increased testing frequency.

Other options considered during evaluation:

No other options were considered.

Conclusion/Recommendation:
This budget request is in compliance with the recommendation of the increased testing frequency until the units have been rewound and TSC has advised to revert the testing frequency.
Note: Ramp testing of the JPP Units is required and will begin in FY25, with one unit tested per year.

Proposed Testing Schedule (ongoing)

Fiscal Year	JPP Unit	OPP Unit	Estimated Total Cost*
23	N/A	1,2	$5,000
24	N/A	5,6	$5,000
25	6	3,4	$10,000
26	2	1,2	$10,000
27	5	5,6	$10,000
28	1	3,4	$10,000
29	4	1,2	$10,000
30	3	5,6	$10,000

*Cost will be evaluated at each budget cycle and adjusted accordingly.

SPECIAL PROJECT JUSTIFICATION FORM

FY2023

REQUEST DATE: 8/30/2021 ***EXPENSE CODE:*** 5301

PRIORITY CODE: - - ***BUDGET UNIT:*** 60

Type of Purchase

x	Materials
	Services
	Other:

PROJECT DESCRIPTION:	DCI SEL-551, SEL-387A Relays
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	$20,000
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$20,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
SEL-551 and SEL-387A relays are overdue for calibration and maintenance. Since there are no test switches installed for the relays, it will require a plant outage at DCI for 2 days to perform calibration and maintenance on the relays. There are also currently no spare relays for DCI, and this purchase would allow the WA to quickly replace a faulty relay preventing an extended outage of DCI.

Description of how this request would change current circumstances:
Per FIST 4-1B Section 26.0 Relays and Protection Circuits, functional maintenance for microprocessor relays were to be performed every 4 years. In order to perform maintenance on these relays, spare relays will be calibrated and maintained in the shop and swap the relays on a minimal plant outage.

Other options considered during evaluation:

No other options were considered.

Conclusion/Recommendation:
The purchase of these relays will minimize the outage requests for DCI pumping plant while the calibration and maintenance are performed on the relays.

SPECIAL PROJECT JUSTIFICATION FORM

FY2023

REQUEST DATE: 8/30/2021 ***EXPENSE CODE:*** 5301

PRIORITY CODE: - - ***BUDGET UNIT:*** 60

Type of Purchase

x	Materials
	Services
	Other:

PROJECT DESCRIPTION:	JPP Breaker Upgrades
GENERAL SPECIFICATIONS: (See attached information)	

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	$60,000
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$60,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
According to the Arc Flash Hazard Analysis 2018 performed by Reclamation TSC, molded case circuit breakers are required to be upgraded at Jones Pumping Plant.

Description of how this request would change current circumstances:
Upgrading the breakers will be in compliance with the recommendations from the Arc Flash Hazard Analysis 2018. These will provide improvement in safety and equipment by minimizing the incident energy during a fault and provide guidelines of appropriate personal protective equipment for various equipments' arc flash boundaries.

Other options considered during evaluation:

No other options were considered.

Conclusion/Recommendation:
Upgrading the breakers will improve safety, damage mitigation, and updates equipment that are soon to be obsolete.

SPECIAL PROJECT JUSTIFICATION FORM
FY2023

REQUEST DATE: Sept 28, 2021 ***EXPENSE CODE:*** 5301
PRIORITY CODE: - - ***BUDGET UNIT:*** 45

Type of Purchase

X	Materials
	Services
	Other:

PROJECT DESCRIPTION:	OPP - Cooling Water Strainer (2 replace/yr)
GENERAL SPECIFICATIONS: (See attached information)	Basket water strainer, self-cleaning, 3 Inch, Kinney Mfr

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$22,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
The cooling water for the OPP motors coolers is provided via a pump and strainer assembly. The strainers have been serviced regularly over the past 50 plus years of operation and are in need of replacement. This project plans on replacing two of the six strainers a year for the next three years.

The WA plans on replacing with the same manufacturer as the units are very reliable and parts are readily available.

Description of how this request would change current circumstances:
The existing units have been rebuilt with new shafts and replacement inserts. The baskets and the sealing surfaces have worn beyond repair and need to be replaced.

Other options considered during evaluation:

None at this time, as the current strainers have a proven life

Conclusion/Recommendation:
Replace the strainers with the same manufacturer (Kinney) with a plan of two per year.

SPECIAL PROJECT JUSTIFICATION FORM
FY2023

REQUEST DATE: ***EXPENSE CODE:***
PRIORITY CODE: - - ***BUDGET UNIT:***

Type of Purchase

X	Materials
	Services
	Other:

PROJECT DESCRIPTION:	OPP - Sand Filter Valve Set
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$12,500***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
The five (5) sand filters at OPP provide the filtered water necessary for plant operations. The unit packing water and bearing flushing water is provided via these filters. There are a set of 5 valves per unit that allow for the filter to be back flushed and returned to service fairly quickly. The valves are original and are at the end of their service life. They are hard to operate and servicing has not improved that condition.
The WA plans on replacing one set and evaluating if this set can be converted to a semi-automatic operation that would allow the Control Operators from JPP to backflush the sand filters at night or on the weekend.

Description of how this request would change current circumstances:
The replacement valves should allow for semi-automatic operation of the sand filters. This will also replace valves that are over 50 years old.

Other options considered during evaluation:

Replace like in kind and continue with manual operation. This is acceptable, but seem appropriate to automate the system

Conclusion/Recommendation:
Purchase one set of valves and develop a plan for semi-automatic operation and then install that system on the remaining four (4) sand filters.

SPECIAL PROJECT JUSTIFICATION FORM
FY2023

REQUEST DATE: Sept 28, 2021 ***EXPENSE CODE:*** 5301
PRIORITY CODE: - - ***BUDGET UNIT:*** 45

Type of Purchase

X	Materials
	Services
	Other:

PROJECT DESCRIPTION:	OPP - Spare Vacuum Pump w/ motor
GENERAL SPECIFICATIONS: (See attached information)	Rougher Vacuum Pump (Generation)

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	
Inflation Adjustment (4%/YR)	18,500
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$ 18,500***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	Significant
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
The O'Neill plant pumps DMC water into the forebay for SLR, and it also allows for water to be released from the forebay into the DMC. As the OPP penstocks do not penetrate the dam, large vacuum pumps are necessary to evacuate tube and start the water flowing from the forebay and into the DMC. Vacuum pumps are original to the plant and have been serviced regularly. The pumps are beyond the normal 30-year service life of the pump and motor unit of this size.

The reliability of these vacuum pumps is critical when generation is necessary. All three rougher pumps must be in operation to start the flow of water into the units.

Description of how this request would change current circumstances:
There are three of the large rougher pumps at OPP. This will replace one of the three units. The WA staff will evaluate the unit and determine if the other two should be of this type/mfr or an alternate.

Other options considered during evaluation:

None at this time

Conclusion/Recommendation:
Purchase replacement pump motor assembly and evaluate its operation to determine applicable replacement for the remaining two rougher vacuum pumps

SPECIAL PROJECT JUSTIFICATION FORM

FY2023

REQUEST DATE: 8/30/2021 ***EXPENSE CODE:*** 5311

PRIORITY CODE: - - ***BUDGET UNIT:*** 45

Type of Purchase

	Materials
x	Services
	Other:

PROJECT DESCRIPTION:	OPP Servo Spare Piston Rings Acquisition
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	$55,000
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$55,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*

The servo motor that controls vane position of the propeller utilizes two sets of three unique piston rings on each servo. These rings maintain the pressure differential across the piston, and are critical to the unit's operation. They get damaged from time to time and all of the spares have been used. New replacements will be needed.

Description of how this request would change current circumstances:

Having spare piston rings on hand will reduce the impact of a forced outage resulting from a failed ring and will reduce the duration of planned outages that result in the identification of piston ring replacements, such as during the rehabs of the units which will continue next year.

Other options considered during evaluation:

There are not any reasonable alternatives to replacing the piston rings. If they are left out, the vane control will not operate and the unit will not be able to pump water.

Conclusion/Recommendation:

Have more piston rings produced so that a few are on hand. The more that are produced at once, the lower the cost of each sleeve is. Their need is imminent, so buying in bulk will save money in the long run.

SPECIAL PROJECT JUSTIFICATION FORM

FY2023

REQUEST DATE: 8/30/2021 ***EXPENSE CODE:*** 5311

PRIORITY CODE: - - ***BUDGET UNIT:*** 44

Type of Purchase

	Materials
x	Services
	Other:

PROJECT DESCRIPTION:	JPP Shaft Sleeve Fabrication
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	$60,000
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$60,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*

Shaft sleeves are a consumable part. They provide a barrier between the pump shaft and the packing. Under operation the friction between the rotating shaft and stagnant packing wears away at the shaft sleeve instead of the pump shaft itself. The last shaft sleeve on the shelf was installed on Unit 1 during the rewind project.

Description of how this request would change current circumstances:

Manufacturing new shaft sleeve's will ensure that they are available when they are needed. As they are consumable their need is imminent, and pumping operations will be protected if shaft sleeves are on the shelf, as opposed to having to wait to manufacture them while a unit is out.

Other options considered during evaluation:

There are not any reasonable alternatives to replacing the shaft sleeves. If they are left out, damage will occur on the pump shaft which would lead to a more critical and expensive repair.

Conclusion/Recommendation:

Have more sleeves produced so that a few are on hand. The more that are produced at once, the lower the cost of each sleeve is. Their need is imminent so buying in bulk will save money in the long run.

SPECIAL PROJECT JUSTIFICATION FORM

FY2023

REQUEST DATE: 9/1/2021 ***EXPENSE CODE:*** 5311

PRIORITY CODE: - - ***BUDGET UNIT:*** 60

Type of Purchase

x	Materials
	Services
	Other:

PROJECT DESCRIPTION:	DCI Anode Replacement
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST(incl taxes,freight)		**Current O&M Cost Information**	**Cost**
Purchase Cost:	$45,000	**Current cost of annual repairs:**	
Inflation Adjustment (4%/YR)		**Potential For lost conveyance (if appl)**	
Estimated Cost:		**Other O&M Cost:**	
		ANNUAL O&M COST:	
Rounded up to 100's			
Total Estimated Cost:	***$45,000***		

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
Annual Cathodic Protection System Survey has found that 2 anodes have failed to pass NACE SP0169-2013, Section 6.2. The anodes are considered inadequate in protecting the penstocks from corrosion.

Description of how this request would change current circumstances:
This request includes performing replacing the failed anodes and commissioning tests. The cathodic protection system will be repaired and the penstocks will be protected from corrosion.

Other options considered during evaluation:

No other options were considered.

Conclusion/Recommendation:
The anode replacement is a cost-effective way to protect the penstocks from corrosion.

SPECIAL PROJECT JUSTIFICATION FORM

FY2023

REQUEST DATE: 8/30/2021 ***EXPENSE CODE:*** 5521

PRIORITY CODE: - - ***BUDGET UNIT:*** 60

Type of Purchase

x	Materials
	Services
x	Other: Equipment

PROJECT DESCRIPTION:	Ultrasonic Testing Device
GENERAL SPECIFICATIONS: ***(See attached information)***	

ESTIMATED COST(incl taxes,freight)	
Purchase Cost:	$6,000
Inflation Adjustment (4%/YR)	
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$6,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Potential For lost conveyance (if appl)	
Other O&M Cost:	
ANNUAL O&M COST:	

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*

The Water Authority currently owns a twenty-year-old ultrasonic device. It is capable of detecting material thicknesses on nearly flat surfaces. Additionally, the battery does not hold a charge and the device must be plugged in at all times to operate.

Description of how this request would change current circumstances:

Technology has come a long way in twenty years for ultrasonic devices. We are currently interested in analyzing the wall thickness of cooling water pipes in our system. Modern ultrasonic devices can measure wall thickness of thin-walled pipe. They are also capable of giving a clearer picture of unbond between metal surfaces, like the Babbitt to steel bond on the thrust shoes.

Other options considered during evaluation:

The model currently owned by the Water Authority still functions, and a new battery could be purchased, but the device would only be useful for the pressure vessel certifications we have used it for in the past. It cannot be made capable of serving the needs that a new device can.

Conclusion/Recommendation:

Purchase a new ultrasonic device that can perform the tasks we have historically used a UT device for as well as meet the more recent needs of the company, like small diameter piping wall thickness measurements and delamination.

EQUIPMENT PURCHASE JUSTIFICATION FORM
FY2023

REQUEST DATE: Sept 28, 2021 ***EXPENSE CODE:*** 5521
PRIORITY CODE: - - ***BUDGET UNIT:*** 43

Type of Purchase

- [X] New Equipment/Furniture > $10,000
- [ ] Replacement Equipment/Furniture
- [ ] Other:

EQUIPMENT DESCRIPTION:	Electrical test equipment (list below)
GENERAL SPECIFICATIONS: (See attached information)	Boroscope, Laptops (3), IR scope (2), Oscilloscope, and Power Quality Meter

ESTIMATED COST (incl taxes, freight)	
Purchase Cost:	
Inflation Adjustment (4%/YR)	$25,600
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***$25,600***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Annual lease/rental cost:	
Other O&M Cost:	
ANNUAL O&M COST:	

CURRENT/PROJECTED COST W/O EQUIPMENT: ***N/A*** ***PAYBACK*** ***N/A*** ***YRS***

(Payback is determined by dividing Total Estimated Cost by Annual O&M Cost)

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
The electrical and C&I crew members use some very specialized test equipment. With more equipment being controlled digitally, different types of test equipment are necessary. There are also new Reclamation standards for inspecting for potential fire hazards (infrared inspections of cable trays).

Description	Cost	Notes
Boroscope	3,000	Equipment allows for viewing internal components without major dis-assembly. This level of scope allows for better focusing and adjusting camera perspective, versus the $100 versions.
Laptops for technicians	8,100 (3 total)	The C&I technicians and plant electricians have a significant number of equipment that requires a laptop to communicate with the controls
IR Scope	7,000 (2 total)	These Infra-Red(IR) scopes are needed to inspect the plant cable trays for cable heating. this is a new requirement from Reclamation as a result of the DWR Thermolito fire
Oscilloscope	4,000	The C&I technicians test a lot of instruments and the oscilloscope will allow them to better monitor and evaluate the signals from this equipment.

Power Quality Meter	3,500	This meter is necessary to test and accurately document the accuracy of the sensing devices used to monitor the efficiency of the motors

Other options considered during evaluation:

Renting the equipment is a potential option, but it does not seem practical to rent and return. We would also have to hope that the varying equipment rented has the same capabilities and properly calibrated to ensure accuracy

Conclusion/Recommendation:

All this equipment is necessary for the electrical and C&I staff to perform their work.

EQUIPMENT PURCHASE JUSTIFICATION FORM
FY2023

REQUEST DATE: Sept 28, 2021 ***EXPENSE CODE:*** 5521
PRIORITY CODE: - - ***BUDGET UNIT:*** 44

Type of Purchase

	New Equipment/Furniture > $10,000
X	Replacement Equipment/Furniture
	Other:

EQUIPMENT DESCRIPTION:	Mechanical equipment replacement (see list below)
GENERAL SPECIFICATIONS: (See attached information)	Iron Worker, 50 Ton Hydraulic (replacement) and Vertical Milling machine, Bridgeport, rebuilt unit (replacement)

ESTIMATED COST (incl taxes, freight)	
Purchase Cost:	
Inflation Adjustment (4%/YR)	$24,000
Estimated Cost:	
Rounded up to 100's	
Total Estimated Cost:	***24,000***

Current O&M Cost Information	**Cost**
Current cost of annual repairs:	
Annual lease/rental cost:	
Other O&M Cost:	
ANNUAL O&M COST:	

CURRENT/PROJECTED COST W/O EQUIPMENT: ***N/A*** ***PAYBACK*** ***N/A*** ***YRS***

(Payback is determined by dividing Total Estimated Cost by Annual O&M Cost)

Description of current circumstances that drive this request: *(include age and condition of existing equipment)*
The existing iron worker was obtained using the government surplus program over 15 years ago. It has been a workhorse in the Tracy Machine Shop, as it saves considerable time punching holes versus drilling. Also punch/die sets can last for years when used properly.

The existing small vertical mill at the Tracy Machine Shop was government equipment turned over in 1993. Although it still operates well, the tooling for the odd manufacturer is hard to find and expensive. While Bridgeport mills are the industry standard and rebuilt machines are readily available. This price should also allow for the unit to be powered making it more efficient and repeatable.

Description of how this request would change current circumstances:
The replacement equipment will allow the crew to continue to fabricate the necessary parts, etc. Having the Bridgeport Mill will allow the crew to spend less on tooling and having a power feed will make them much more efficient when required to fabricate multiples of a part.

The iron worker has been rebuilt by the crew once, but the seals can no longer hold at the higher pressures. The unit punched all of the 1-1/2" holes thru ½" bar stock to fabricate all of the trash racks for JPP, approximately 6,500 holes in total.

Other options considered during evaluation:

None considered as rental does not seem appropriate.

Conclusion/Recommendation:

Replace the equipment

San Luis & Delta-Mendota Water Authority

Extraordinary Operations & Maintenance Budget

FY2023

FY 2023 PROJECTS FUNDING SUMMARY

Project Type: EXTRAORDINARY O&M (Fund 26)

Project #	Fac	Project Title	Segment Code	Priority	Labor	Parts/Mat'ls	Equip.	Contract	Total
M2022001	ONP	OPP Pump Bowl Replacement - Phase 1 of 6	26-J2	A-1-b	$40,500	$0	$0	$1,755,500	$1,796,000
E2019028	ONP	Station Service Backup Battery System Replacement	26-K0	B-2-c	$19,700	$0	$0	$110,000	$129,700
C2021004	DMC	DMC Subsidence Correction Project (CA & MOA Mgmt)(I3)	26-I3	B-3-c	$721,100	$0	$3,100	$847,800	$1,572,000
E1995005	ONP	Main Transformer Rehabilitation - Phase 3 of 3	26-G3	B-3-c	$0	$0	$0	$2,100,000	$2,100,000
C1997002	DMC	O&M Road Maintenance Program - Phase 2 of 10	26-E6	B-4-b	$13,300	$0	$0	$232,000	$245,300
C2023001	JPP	Concrete Slab by Trashrake Dumpster	26-K1	B-4-b	$38,600	$0	$0	$450,000	$488,600
M2019005	DCI	HVAC System Rehabilitation/Replacement	26-K2	B-4-c	$51,000	$24,400	$0	$24,000	$99,400
C2021003	DMC	DMC Turnout Flowmeter Upgrade - Phase 3 of 3	26-I6	B-4-c	$6,200	$0	$0	$255,000	$261,200
S2023001	ALL	SCADA System Evaluation	26-K5	B-5-b	$20,800	$0	$0	$150,000	$170,800
E2023001	ONP	ONP Accusonic Flowmeter Console Upgrades	26-K6	B-5-c	$18,200	$0	$0	$159,000	$177,200
		EXTRAORDINARY O&M (Fund 26) PROJECT TOTALS			***$929,400***	***$24,400***	***$3,100***	***$6,083,300***	***$7,040,200***

Project Type: RESERVE (Fund 26)

Project #	Fac	Project Title	Segment Code	Priority	Labor	Parts/Mat'ls	Equip.	Contract	Total
V1999001	ALL	Heavy Equipment Replacement Program (Reserve Fund)	26-D2	B-5-b	$0	$0	$0	$249,300	$249,300
V1999002	ALL	Vehicle Replacement (Reserve Fund)	26-D1	B-6-c	$0	$0	$0	$128,400	$128,400
C2011001	ALL	Facility Infrastructure Replacement/Rehabilitation Program	26-D3	B-7-c	$0	$0	$0	$47,000	$47,000
E2000004	ALL	Replace Computer/Network Communication Equip (Reserve Fund)	26-D0	C-6-b	$0	$149,200	$0	$0	$149,200
		RESERVE (Fund 26) PROJECT TOTALS			***$0***	***$149,200***	***$0***	***$424,700***	***$573,900***
		FUND 26 PROJECT TOTALS:			***$929,400***	***$173,600***	***$3,100***	***$6,508,000***	***$7,614,100***

Project Type: CAPITAL IMPROVEMENT (Fund 25)

Project #	Fac	Project Title	Segment Code	Priority	Labor	Parts/Mat'ls	Equip.	Contract	Total
E1999001	JPP	Unit Rewind - Phase 6 (U4 & U3)	25-F4	B-3-a	$550,000	$0	$0	$3,497,200	$4,047,200
		CAPITAL IMPROVEMENT (Fund 25) PROJECT TOTALS			***$550,000***	***$0***	***$0***	***$3,497,200***	***$4,047,200***
		FUND 25 PROJECT TOTALS:			***$550,000***	***$0***	***$0***	***$3,497,200***	***$4,047,200***

FISCAL YEAR 2023 GRAND TOTAL (Funds 25 & 26):	***$1,479,400***	***$173,600***	***$3,100***	***$10,005,200***	***$11,661,300***

EO&M #	Project Title	Facility	Priority	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Yr Plan Total
Fund:	**26**													
EXTRAORDINARY O&M PROJECTS								*Estimated Project Cost (x $1,000)*						
M2022001	Pump Bowl Replacement Project - Phase 1 of 6	ONP	A-1-b	1,796.0	1,450.0	1,450.0	1,450.0	1,450.0	1,450.0					**9,046**
E2019028	Station Service Backup Battery System Replacement	ONP	B-2-c	129.7										**130**
C2021004	DMC Subsidence Correction Project (CA & MOA Mgmt)(I	DMC	B-3-c	1,572.0										**1,572**
E1995005	Main Transformer Rehabilitation	ONP	B-3-c	2,100.0										**2,100**
C1997002	O&M Road Maintenance Program	DMC	B-4-b	245.3	221.6	226.0	230.6	235.2	239.9	244.7	249.6	254.6	259.6	**2,407**
C2023001	Replace Failed Asphalt by Trashrake Dumpster	JPP	B-4-b	488.6										**489**
C2021003	Flowmeter Upgrade Program	DMC	B-4-c	261.2										**261**
M2019005	HVAC System Rehabilitation/Replacement	DCI	B-4-c	99.4										**99**
S2023001	SCADA System Evaluation	ALL	B-5-b	170.8										**171**
E2023001	ONP Accusonic Flowmeter Console Upgrades	ONP	B-5-c	177.2										**177**
E2015003	Arc Flash Study - JPP	JPP	A-1-b		105.0					116.0				**221**
E2009003	SCADA, Controls and Protection System Modernization	ONP	B-2-b		227.0	234.0								**461**
M1994022	ONP Cooling Water System Rehabilitation	ONP	B-2-b		250.0									**250**
M2022002	Pump Assembly and Penstock Rehabilitation Program	ONP	B-3-b		2,623.6	2,702.0	2,783.4	1,200.0	1,000.0	1,500.0				**11,809**
E2022002	Lower DMC Communication System Replacement	DMC	B-4-c		215.0									**215**
C1996012	Intake Channel Embankment Stabilization	DMC	B-3-b			300.0								**300**
C2015004	DMC 5 Yr Subsidence Survey	DMC	B-3-c			83.0					91.0			**174**
E2019003	Check Electrical Equipment Rehabilitation	DMC	B-4-c			84.0								**84**
M2019002	Sandfilter System Rehabilitation	JPP	B-4-c			100.0								**100**
M2019028	Plant Flowmetering System Rehabilitation	JPP	B-4-c			250.0								**250**
M2019037	Plant Water Storage Tank Rehabilitation	ONP	B-4-c			150.0								**150**
M2019045	Stub Shaft Crane Rehabilitation	JPP	B-4-c			60.0								**60**
M2019001	O'Neill PP Bridge Crane Rehabilitation	ONP	B-5-c			113.0								**113**
M2019044	Machine Shop Crane Rehabilitation	JPP	B-5-c			75.0								**75**
M2019049	Lakeside & Canalside Trashrack Replacement	ONP	B-5-c			175.7								**176**
M2019022	HVAC System Rehabilitation/Replacement	JPP	B-4-b				400.0							**400**
C2009001	Retaining Wall Rehabilitation	JPP	B-5-b				125.0							**125**
C2022001	Retaining Wall Rehabilitation	JPP	B-5-b				125.0							**125**
E2015001	TFO/LBFO/DCI Arc Flash Study	ALL	A-1-b					225.0					248.0	**473**
E2019024	Station Service Backup Battery System Replacement	JPP	B-2-c					115.0						**115**
E2022001	Plant Protective Replay Replacement	DCI	B-3-b					100.0						**100**
E2009004	UPS Battery Replacement	JPP	B-4-b					88.0						**88**
E2019002	SCADA & Communication System Improvements	DCI	B-4-c					88.0						**88**
M2019016	Siphon Breaker Valve Control System Rehabilitation	JPP	B-4-c					100.0						**100**
C2019005	Penstock/Manifold Interior Coating Rehabilitation	DCI	B-5-b					150.0						**150**
E2019004	Penstock Cathodic Protection System Replacement	DCI	B-5-b					88.0						**88**
M2019014	Stoplog Rehabilitation	JPP	B-5-b					250.0						**250**
M2019009	Flowmetering Upgrade	DCI	B-5-c					100.0						**100**
M2019026	Stoplog Rehabilitation (Lakeside)	ONP	B-5-c					75.0						**75**
M2015003	Rehabilitate Coating on Pump Casings & Bifurcation	JPP	B-3-c						100.0	102.0	104.0			**306**
C2019004	TFO O&M Complex Pavement Rehabilitation	TFO	B-4-b						250.0					**250**
M2017001	OPP Shaft Sleeve Manufacturing	ONP	B-4-c						102.0					**102**
E2019025	Plant Security System Upgrades	JPP	B-5-c						75.0					**75**

SL&DMWA 10 Year Plan (EO&M, Reserves & CIP Projects)

WORKING DRAFT

EO&M #	Project Title	Facility	Priority	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Yr Plan Total
M2019032	Trashrack Cleaner & Stoplog Crane Rehabilitation	ONP	B-5-c						200.0					**200**
E2022005	Plant Protective Equipment Replacement	ONP	B-2-b							150.0				**150**
C2016001	DMC Road Rehabilitation	DMC	B-4-b							391.0				**391**
M2019025	100 Ton Gantry Crane Rehabilitation	JPP	B-4-c							300.0				**300**
M2019043	HVAC System Rehabilitation/Replacement	ONP	B-4-c							100.0				**100**
E2019010	Plant Flowmeter System Rehabilitation	ONP	B-5-c							244.0				**244**
M2019033	Plant Roof Surface Replacement	ONP	B-7-c							100.0				**100**
C2019001	Radial Gate Rehabilitation Program	DMC	B-3-c								400.0	408.0	416.0	**1,224**
M2019038	Water System Sand Filter System Rehabilitation/Replac	ONP	B-4-b								250.0			**250**
M2023001	ONP Recoat Unit Exteriors (All Units)	ONP	B-4-b								1,000.0			**1,000**
C2023003	Recoat Exterior of All Penstocks	ONP	B-4-c								100.0			**100**
M2019015	Trashrack Cleaner Rehabilitation	JPP	B-4-c								300.0			**300**
M2022003	Automated Trashrack Cleaner	ONP	B-4-c								750.0			**750**
M2022004	Check Structure Gearbox Replacement Program	DMC	B-4-c								200.0			**200**
E2019019	Plant Security System Improvements	DCI	B-5-b								50.0			**50**
M2019048	Plant Hydraulic System Rehabilitation/Replacement	JPP	B-5-c								125.0			**125**
E2019008	Protection Relay Modernization	JPP	B-2-b									250.0		**250**
E2022003	Plant Protective Relay Replacement	JPP	B-2-b									150.0		**150**
M2019011	Check Structure Mechanical Equipment Rehabilitation	DMC	B-4-c									400.0		**400**
M2010001	TFO Domestic/Potable Waterline Replacement	JPP	B-5-c									250.0		**250**
E2014006	SCADA System Modernization	JPP	C-4-c									187.2	192.8	**380**
E2019023	Unit Protection System Modernization	DCI	B-2-b										100.0	**100**
E2019001	Pump & Motor Rehabilitation	DCI	B-3-c										259.0	**259**
E2019015	Plant Motor Control Center Upgrades	DCI	B-3-c										150.0	**150**
C2019002	Canal Embankment Erosion Protection	DMC	B-4-b										350.0	**350**
E2019018	Telephone & Communication System Modernization	ALL	B-4-c										100.0	**100**
M2019008	Pump Intake Diffuser Panel Rehabilitation/Replacement	DCI	B-4-c										75.0	**75**
M2019035	TFO Industrial Water Storage Tank Rehabilitation	TFO	B-4-c										125.0	**125**
M2019041	CA Turnout Slide Gate Rehabilitation/Replacement	DCI	B-4-c										150.0	**150**
E2019022	Plant Annunciator Modernization	DCI	B-5-b										150.0	**150**
E2019017	SCADA & Communication System Modernization	DMC	C-7-d										75.0	**75**
	FY TOTALS (x $1,000):			**$7,040.2**	**$5,092.2**	**$6,002.7**	**$5,114.0**	**$4,264.2**	**$3,416.9**	**$3,247.7**	**$3,619.6**	**$1,899.8**	**$2,650.4**	

RESERVE PROJECTS *Estimated Project Cost (x $1,000)*

V1999001	Heavy Equipment Replacement Program (Reserve Fund	ALL	B-5-b	249.3	337.2	212.0		185.5	306.9	166.0		232.9		**1,690**
V1999002	Vehicle Replacement Program (Reserve Fund)	ALL	B-6-c	128.4	190.0	190.2	224.6	319.4	246.0	304.4	215.4	103.0		**1,921**
C2011001	Facility Infrastructure Replacement/Rehabilitation Progra	ALL	B-7-c	47.0	136.0	84.0	90.0	30.0	104.0	61.0	32.0	117.0	28.0	**729**
E2000004	Replace Computer/Network Comm Equip (Reserve Fund	ALL	C-6-b	149.2	75.2	115.2	92.6	78.4	155.1	57.6	76.6	123.0	189.0	**1,112**
	FY TOTALS (x $1,000):			**$573.9**	**$738.4**	**$601.4**	**$407.2**	**$613.3**	**$812.0**	**$589.0**	**$324.0**	**$575.9**	**$217.0**	

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
FUND 26 PROJECTS FY TOTALS (x $1,000):	**$7,614.1**	**$5,830.6**	**$6,604.1**	**$5,521.2**	**$4,877.5**	**$4,228.9**	**$3,836.7**	**$3,943.6**	**$2,475.7**	**$2,867.4**

Fund: 25

CAPITAL IMPROVEMENT PROJECTS *Estimated Project Cost (x $1,000)*

EO&M #	Project Title	Facility	Priority	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Yr Plan Total
E1999001	Unit Rewinds (Rotor & Stator) All Units	JPP	B-3-a	4,047.2										**4,047**
C2015003	DMC Subsidence Correction Project	DMC	B-3-c		100,000.0	100,000.0	100,000.0	100,000.0	100,000.0	100,000.0				**600,000**
E2009005	Excitation System & Control Modernization	JPP	B-3-c		1,424.3	991.8	1,033.0	1,051.0	1,070.0	1,090.0				**6,660**
E2015004	Station Service & Distribution Equip Replacement	JPP	B-3-b			1,500.0								**1,500**
C1994005	Design & Construct Warehouse & Machine Shop Buildin	ONP	B-4-c			400.0								**400**
E2019005	Station Service SWBD & Breaker Replacement	JPP	B-2-b				450.0		2,600.0	2,675.0				**5,725**
E2022004	Switchgear Paralleling	JPP	B-3-c				2,000.0							**2,000**
C2015006	Replace DMC Althea Ave Bridge	DMC	B-4-c						1,500.0	1,545.0				**3,045**
C2015002	Check Structure Bypass Pumping Plants	DMC	B-3-c								100.0	500.0	500.0	**1,100**
E2004002	Unit Rotor & Stator Rewind (All Units)	ONP	B-3-c								2,250.0	2,295.0	2,341.0	**6,886**
C2015005	Replace DMC Russell Ave Bridge	DMC	B-4-c								1,500.0	1,545.0		**3,045**
	FY TOTALS (x $1,000):			**$4,047.2**	**$101,424.3**	**$102,891.8**	**$103,483.0**	**$101,051.0**	**$105,170.0**	**$105,310.0**	**$3,850.0**	**$4,340.0**	**$2,841.0**	

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
FUND 25 PROJECTS FY TOTALS (x $1,000):	**$4,047.2**	**$101,424.3**	**$102,891.8**	**$103,483.0**	**$101,051.0**	**$105,170.0**	**$105,310.0**	**$3,850.0**	**$4,340.0**	**$2,841.0**

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
FISCAL YEAR GRAND TOTALS:	***$11,661.3***	***$107,254.9***	***$109,495.9***	***$109,004.2***	***$105,928.5***	***$109,398.9***	***$109,146.7***	***$7,793.6***	***$6,815.7***	***$5,708.4***

10 Year Plan EO&M and CIP Grand Total (x$1,000): ***$682,207.9***

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **M2022001** ***Segment Code:*** **J2-2023** ***Priority:*** **A-1-b**

Facility: ONP ***Project Lead:*** MENG

Project Title: OPP Pump Bowl Replacement - Phase 1 of 6

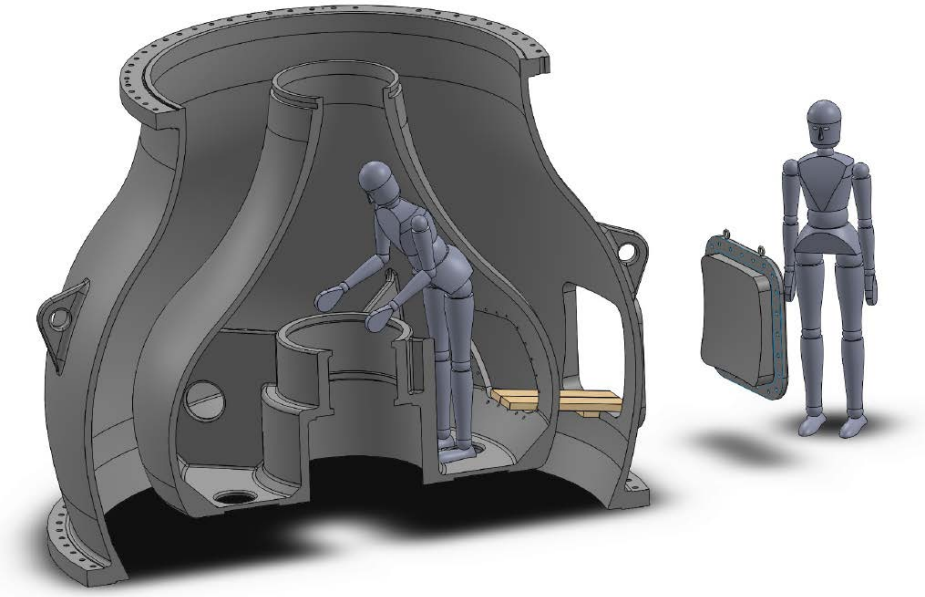
Estimated Total Cost: $1,796,000.00

Labor: $40,500 ***Materials:*** $0 ***Equipment:*** $0 ***Contract Costs:*** $1,755,500

Project Description and Scope:

The project will procure and install one (1) pump bowl from the original manufacturer Fairbanks Morse/Pentair using Reclamation approved design and fabrication specifications obtained through the previously funded FY22 EO&M project. The new pump bowls will incorporate an access opening which will allow easier and safer access to the inner cavity for inspection and maintenance activities. The remaining 5 pumps bowls will be procured one per year through five (5) additional phases.

Labor costs include time associated with the Authority's engineering staff working with Reclamation and Fairbanks Morse/Pentair. Installation of the pump bowl will be completed during the OPP Pump Assembly and Penstock Rehabilitation Program planned for FY24.



Project Purpose and Background

The original pump bowl had been modified by Reclamation in the early 1970's to allow for personnel to enter the area and maintain the pump bearings. This led to a confined space that was very difficult to enter and nearly impossible to leave if injured. The Authority worked with Reclamation and ultimately determined that the original manufacturer should design and fabricate a replacement pump bowl with an access opening that allows safer access to the pump bearings. Reclamation also stated in a 2019 Technical memorandum that the OPP pumps have reached the end of their useful life. The Authority will be working with Fairbanks Morse/Pentair and Reclamation on the design specifications the bowls through the FY2022 EO&M funding in order to begin the procurement process in FY23.

Once the new pump bowl is installed, it will allow the work to be completed in a much safer manner with a significant reduction in labor hours as staff will be able to easily enter and exit the space.

Project Status:

Phase 1 (FY23 Project) - Awaiting Funding

Project No.: **E2019028** ***Segment Code:*** **K0-2023** ***Priority:*** **B-2-c**

Facility: ONP ***Project Lead:*** EENG

Project Title: Station Service Backup Battery System Replacement

Estimated Total Cost: $129,700.00

Labor:	$19,700	***Materials:***	$0	***Equipment:***	$0	***Contract Costs:***	$110,000

Project Description and Scope:

The station service battery bank consists of 60 - lead-calcium battery cells, rated 125 volts and 240 ampere-hours at an 8-hour discharge rate. The batteries are charged by a battery charger that keep the 125VDC control power within 1% at full load with a maximum of 10% variation in the alternative power supply.

The batteries were installed in 2003 and typically have a 15-year life. The project will involve replacement and disposal of the battery bank by the contractor.

Project Purpose and Background

These batteries provide power for the controls of the OPP Units, they are critical for the operation of the plant. The USBR recommended life span of the batteries is 15 years, these will be 20 years old when they are replaced.

Project Status:

FY2023 Project - Awaiting approval/funding

Project No.: **C2021004** ***Segment Code:*** **I3-2023** ***Priority:*** **B-3-c**

Facility: DMC ***Project Lead:*** CIVIL

Project Title: DMC Subsidence Correction Project (CA & MOA Mgmt)(I3)

Estimated Total Cost: $1,572,000.00

Labor:	$721,100	***Materials:***	$0	***Equipment:***	$3,100	***Contract Costs:***	$847,800

Project Description and Scope:

The Scope of the Project is manage the tasks outlined in the Cooperative Agreement that was executed in September, 2021 between the SLDMWA and the USBR. The SLDMWA and USBR also entered into a 50/50 cost share funding agreement. This phase provides the remaining funds to fully fund the SLDMWA portion of the cost share agreement. The tasks of the Cooperative Agreement will complete all the pre-design activities associated with DMC Subsidence Correction Project.

The SLDMWA will develop and manage the consulting agreements to perform the following Cooperative Agreement tasks: Cultural Resources Records Search (Section 106 Compliance), Project Feasibility Report; and Environmental (NEPA/CEQA) Compliance. In addition, the SLDMWA will participate on the USBR DEC Review.

Project Purpose and Background

USBR and the Water Authority have been working together in completing various preliminary tasks in support of the Subsidence Correction Project. The Water Authority has contracted Geotechnical Services to-date and will develop and issue future contract(s) for the preparation of a Feasibility Study, cultural resource review of the project and prepare a Joint NEPA/CEQA document for environmental compliance. The USBR has completed an appraisal level study and cost estimate. The USBR is currently preparing the preliminary design estimates and criteria, which will supply much of the data required for the Feasibility Anaysis Report. The Feasibility Analysis will rank and make the recommendation to determine which project alternative should move forward to Final Design. Once the design is complete, USBR will advance the project to Appropriations to seek federal funding.

Project Status:

FY2023 Project - Awaiting Funding/Approval

FY2023
C2021004
DMC Subsidence Correction Project (CA & MOA Mgmt)
26-I3

Total Fully Burdened Labor Cost	***$***	***721,100.00***
Total Materials	***$***	***-***
Total Vehicles & Equipment	***$***	***3,100.00***
Total Contracts	***$***	***847,800.00***
Project Grand Total	***$***	***1,572,000.00***

Date Proposal Completed: 9/27/2021_BM

NOTE: All costs are rounded up to the nearest $100.

	Overall Project Estimate	Total Fully Burdened Labor Cost (EO&M Only)	Total Materials	Total Vehicles & Equipment	Total Contracts	Project Grand Total
	FY21	$ 40,100.00			$ 500,000.00	$ 540,100.00
	FY22	$ -			$ 500,000.00	$ 500,000.00
	FY22 RO&M Labor:	$ 222,570.75			$ 3,965.00	$ 226,535.75
					Total Funding-to-Date:	**$1,266,635.75**
Total Project Cost Estimate (SLDMWA Cost):		$ 983,680.00	$ -	$ 3,100.00	$3,389,300.00	$4,376,080.00
					Total USBR Cost Estimate:	$1,301,000.00
						$5,677,080.00
	Total SLDMWA 50/50 Cost Share:					$2,838,540.00
	Total Funding-to-Date:					$1,266,635.75
	Total SLDMWA Funding Remaining:					**$1,571,904.25**
	Total Remaining Breakdown:	**$ 721,009.25**	**$ -**	**$ 3,100.00**	**$ 847,795.00**	**$1,571,904.25**

Project No.: **E1995005** ***Segment Code:*** **G3-2023** ***Priority:*** **B-3-c**

Facility: ONP ***Project Lead:*** EENG

Project Title: Main Transformer Rehabilitation - Phase 3

Estimated Total Cost: $2,100,000.00

Labor:	$0	***Materials:***	$0	***Equipment:***	$0	***Contract Costs:***	$2,100,000

Project Description and Scope:

This project is for the full rehabilitation of the O'Neill PG Plant (ONP) transformers by contractor. The ONP is fed via PG&E 70 kV line, through a WAPA circuit breaker to (3) Single-Phase Transformers. There are (4) transformers, where (1) is a spare, each one is 10 MVA, 72.5/4.16 kV. They are the original transformers from 1968, and the spare transformer has never been placed into service. All transformers will be included in this rehabilitation.

The SLDMWA will let a formal construction contract for the rehabilitation of all transformers per TSC prepared Design Specifications. During construction, TSC will provide engineering support, conduct field tests, and finalize drawings. Rehabilitation by the chosen contractor will consist of new gaskets, low side and neutral bushings, valves, liquid level gauges, thermowells and temperature gauges, paint, oil preservation system (conservator), fans and temperature controls, protective relay upgrade, and hazardous waste disposal.

The TSC estimate for the contract to rehabilitate the transformers is $3.9M. $1,808,525.98 is the remaining balance from previous FY funding. $2.1M of additional funding is required to supplement the approved FY22 funds in order to complete the project.

Project Purpose and Background

Reclamation performed a condition assessment on the transformers in May 2019 and it identified that the 4 transformers are at the end of their service life. Phase 1 of this project was to perform a Value Planning/Engineering Study and develop plans and specifications for the rehabilitation project. The Value Planning Study (VP Study) findings were that since sludging is beginning to occur, the transformers need to be replaced as soon as possible. The rate of deterioration increases as sludging continues, and could result in a failure if not addressed promptly.
Quarterly Dissolved Gas Analysis (DGA) was performed in 2019 and 2020 to trend the condition of the transformers. DGA results were poor for the (3) transformers in use, and one continued to very poor condition and needed hot oil reconditioning. Phase 2 of this project consisted of developing the Contract Documents and performing hot oil reconditioning. In October 2020, hot oil reconditioning was performed on A-, B-, and C-Phase transformers to ensure the transformers would remain eligible for rehabilitation. The oil conditions were monitored frequently after the reconditioning and showed stable good conditions.
The SLDMWA contracted with Reclamation TSC to provide the Technical Design Specifications and Engineers Cost Estimate. The SLDMWA and TSC has worked closely over the last year to develop a solid set of plans and specification to ensure a successful project. TSC completed the final Design Specifications and Cost Estimates in 6/2021, and Construction is scheduled for FY2023. Phase 3 of this project is for the additional required to complete the project. TSC provided an Engineer's estimate for the construction by contractor with TSC providing construction support. SLDMWA will manage the construction contract.

Project Status:

Phase 1: Initial planning & data gathering
Phase 2: Hot oil reconditioning & Contract Document preparation
Phase 3: Awaiting approval/funding.

OPP Main Transformer - Phase 3
Budget Breakdown

	Row Labels	Sum of TRANSACTION_AMOUNT
Salaries	**5101**	**14481.29**
	26-G3-40-21	281.21
	26-G3-53-21	3285.68
	26-G3-60-18	1831.02
	26-G3-60-21	9083.38
Overtime	**5102**	**5603.74**
	26-G3-40-21	748.21
	26-G3-53-21	3955.72
	26-G3-60-21	899.81
Other Professional Svcs	**5231**	**463194**
	26-G3-60-18	45000
	26-G3-60-20	20000
	26-G3-60-21	398194
Rents/Leases	**5296**	**15509.05**
	26-G3-60-21	15509.05
Parts & Materials	**5301**	**22899.79**
	26-G3-60-18	16520.07
	26-G3-60-21	6379.72
Outside Services	**5311**	**152753.31**
	26-G3-60-18	57673.31
	26-G3-60-21	95080
	5599	**8672.02**
	26-G3-40-21	212.82
	26-G3-53-21	2372.04
	26-G3-60-18	978.71
	26-G3-60-21	5108.45
	Grand Total	**683113.2**

Expenditures To Date		
	ORACLE	NetSuite
FY18-21	$ 683,113.20	$ 112,418.23
FY22	$ -	$ 50,042.59
	$ 683,113.20	**$ 162,460.82**
Total Expenditures:	**$ 845,574.02**	

FY23 Funding Request Calculations	
Total Funded-to-Date:	$ 2,654,100.00
Total Expenditures-to-Date:	$ 845,574.02
Remaining Balance:	$ 1,808,525.98
TSC Cost Estimate:	$ 3,900,000.00
Additional Funding Required:	$ 2,091,474.02
Use:	**$ 2,100,000**

Funding Summary			
FY	**Phase**	**Description**	**Funded**
21	1	Data Gathering	$ 108,300.00
22	2	Plans/Specs	$ 2,545,800.00
23	3	Construction	$ 2,100,000.00
		Total:	**$ 4,754,100.00**

Project No.: **C1997002** ***Segment Code:*** **E6-2023** ***Priority:*** **B-4-b**

Facility: DMC ***Project Lead:*** CIVIL

Project Title: O&M Road Maintenance Program - Phase 2 of 10

Estimated Total Cost: $245,300.00

Labor: $13,300 ***Materials:*** $0 ***Equipment:*** $0 ***Contract Costs:*** $232,000

Project Description and Scope:
This phase will install 11.41 miles of a chipseal coat to the 12' wide O&M Road between MP 14.80 and 26.21. Work will be completed by a contractor.

Project Purpose and Background
The entire length of the O&M road of the Delta-Mendota Canal is traveled daily by operations and maintenance personnel and, in some areas the general public. To extend the life of the O&M road and reduce overall maintenance and/or repair costs, the O&M Technical Committee approved the O&M Road Maintenance Program in 1998. The objective of the O&M Road Maintenance Program is to apply a wearing surface (or chipseal) on approximately one tenth of the DMC roadway annually. The actual lengths and locations will be determined annually based on roadway use and condition.

Project Status:
FY2023 Project - Awaiting approval/funding

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **C2023001** ***Segment Code:*** **K1-2023** ***Priority:*** **B-4-b**

Facility: JPP ***Project Lead:*** CIVIL

Project Title: Concrete Slab by Trashrake Dumpster

Estimated Total Cost: $488,600.00

Labor:	$38,600	***Materials:***	$0	***Equipment:***	$0	***Contract Costs:***	$450,000

Project Description and Scope:

The asphalt area (approximately 2,000 SY) around the automated JPP Trashrack Cleaner has failed due to heavy use and needs to be removed and replaced with concrete. The scope of the repair shall include complete removal of the existing asphalt and base material, compact subbase, install and compact new base material, install new reinforced concrete slab to design grades. In addition, the flow line of the existing concrete drainage ditch needs to be restored to eliminate the ponding and a new turnaround area shall be designed to allow efficient maneuvering of the dumpsters in all weather conditions.

Project Purpose and Background

The automated JPP Trashrack Cleaner continuously cleans the intake trash racks and disposes removed debris into a dumpster that is positioned at the east end of the plant. When the dumpster is full, it is relocated via forklift to a staging location about 50 to 75 yards north from the trash racks, for easy access and removal by a disposal company. The asphalt pavement has failed in several areas where the forklift and disposal trucks travel when accessing the dumpster locations. Manuevering the fully loaded bins over the uneven pavement presents a safety hazard and is need of repair. In addition, it appears there is uneven settlement in the concrete drainage ditch that has caused water to pond and is most likely contributing to the failure of the asphalt pavement.

Project Status:

FY2023 Project - Awaiting approval/funding

Project No.: **M2019005** ***Segment Code:*** **K2-2023** ***Priority:*** **B-4-c**

Facility: DCI ***Project Lead:*** MENG

Project Title: HVAC System Rehabilitation/Replacement

Estimated Total Cost: $99,400.00

Labor: $51,000 ***Materials:*** $24,400 ***Equipment:*** $0 ***Contract Costs:*** $24,000

Project Description and Scope:

The HVAC equipment at the Delta-Mendota Canal/California Aqueduct Intertie (DCI) Plant consists of six (6) ventilation fans rated at 45,000 cfm on the inlet side of the plant and 6 sets of louvers on the outlet side of the plant. These fans and louvers work together to provide cooling for the motors, and are necessary to keep the temperature in the plant within operational limits. There are also two (2) circulating fan units behind the electrical distribution panels that keep the air circulating around that equipment. The control room has three (3) heat pump units for temperature control.

This project will involve inspecting and testing all equipment and then replacing or repairing equipment, as necessary. There is approximately 720 square feet of filter pads that should be replaced along with all belts, and bearings.

Project Purpose and Background

The ventilation system has been problematic from the start. Now various louver control modules are broken or have broken the linkages. The ventilation system must be fully operational to support the additional two pumps at DCI, and this project will accomplish that.

Project Status:

FY2023 Project - Awaiting approval/funding

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **C2021003** ***Segment Code:*** **I6-2023** ***Priority:*** **B-4-c**

Facility: DMC ***Project Lead:*** CIVIL

Project Title: DMC Turnout Flowmeter Upgrade - Phase 3 of 3

Estimated Total Cost: $261,200.00

Labor:	$6,200	***Materials:***	$0	***Equipment:***	$0	***Contract Costs:***	$255,000

Project Description and Scope:

The DMC Turnout Flow Meter Upgrade - Phase 3 will be the final phase of the project for the complete replacement of the mechanical open flow meters used along the DMC with McCrometer electronic flow meters (smart meters) that electronically transmit flow and use data from the field to a storage device located at the Tracy Field Office.

This project would be to remove the existing flow meters, adjust the brackets on the new flow meters to set the propeller to the centerline of the pipe for installation. Once the new meter is in-place and the battery to the telemetry device is installed, the unit will begin transmitting data to the collection center. This information will then be used in conjunction with the water accounting software to generate water use reports.

Project Purpose and Background

This project purpose is to accomplish the strategic plan goals, specifically 4.5.2-Develop a plan to convert flow meters for digital readouts on the DMC, to reduce labor associated with the manual reading of flow meters and use report production, as well as, replace aging flow meters that require more periodic maintenance and have harder to find parts.

This project will reduce the amount of man-hours required to read flow meter totalizers and transposing that information from hand written form to excel spreadsheets that make up the district use reports. The man-hour reduction for the Water Operations staff is estimated to be approximately 1,025 hours. The proposed project would allow for the flow-use data to be automatically inputted into the water accounting software to generate monthly delivery reports for water users, Reclamation and the Water Authority for O&M payments. This will not only eliminate the human errors that occur during manual meter readings and report preparation, it is also expected to reduce the time needed for the water accounting process.

Project Status:

FY2023 Project - Awaiting Funding/Approval

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **S2023001** ***Segment Code:*** **K5-2023** ***Priority:*** **B-5-b**

Facility: ALL ***Project Lead:*** SCADA

Project Title: SCADA System Evaluation

Estimated Total Cost: $170,800.00

Labor: $20,800 ***Materials:*** $0 ***Equipment:*** $0 ***Contract Costs:*** $150,000

Project Description and Scope:
This scope of this project will be to have a consultant perform a full evaluation of our current SCADA system. The deliverables from the evaluation will be to provide architectural as-builts of our system, recommendations for improvements, and a 10-year equipment replacement plan.

Project Purpose and Background
The current SCADA system in place is functioning properly, but as the system ages it's critical to do a comprehensive evaluation to help with continued maintenance and to plan for the necessary upgrades. Developing architectural as-builts are a critical component to document the current system, and will aid in determining the necessary improvements. Once a plan for improvements is developed, a 10-year plan will be developed to assist with budgeting purposes. Our current system is a mixture of devices, and the ultimate goal will be to streamline the system as much as possible, to allow for easier maintenance and troubleshooting and to ensure communication remains reliable.

Project Status:
FY2023 Project - Awaiting approval/funding

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **E2023001** ***Segment Code:*** **K6-2023** ***Priority:*** **B-5-c**

Facility: ONP ***Project Lead:*** EENG

Project Title: ONP Accusonic Flowmeter Console Upgrades

Estimated Total Cost: $177,200.00

Labor: $18,200 ***Materials:*** $0 ***Equipment:*** $0 ***Contract Costs:*** $159,000

Project Description and Scope:
The project will consist of purchasing and installing new panels to upgrade the existing penstock flowmeters at O'Neill Pumping/Generating Plant.

Project Purpose and Background
The existing Accusonic flowmeters (Model 7510+) were installed in the OPP penstocks in 2012 and have consistently provided accurate flowmetering data. Accusonics recently informed us that they are no longer supporting the 7510+ consoles, and their spare parts are running very low. Upgrades to the new Model 8510+ flowmeter console is critical to keep the sensors operational. This upgrade is for the panel only, and the existing sensors located within the penstocks will remain in place.

Project Status:
FY2023 Project - Awaiting approval/funding

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **V1999001** ***Segment Code:*** **D2-2023** ***Priority:*** **B-5-b**

Facility: ALL ***Project Lead:*** CSUPT

Project Title: Heavy Equipment Replacement Program (Reserve Fund)

Estimated Total Cost: $249,300.00

Labor:	$0	***Materials:***	$0	***Equipment:***	$0	***Contract Costs:***	$249,300

Project Description and Scope:
The San Luis & Delta-Mendota Water Authority equipment will be replaced or considered for replacement when the equipment is no longer economical to operate and/or maintain. The purpose of this Reserve Project is to set-aside funding annually for replacement of the Authority critical heavy equipment. The Equipment Replacement Plan will be presented for approval each year.

Project Purpose and Background
The San Luis & Delta-Mendota Water Authority Equipment Replacement Plan objective is to provide safe and efficient equipment in a manner which maximizes the equipment utilization for the Authority.

Project Status:
See attached Heavy Equipment Replacement 10 Year Plan.

Heavy Truck/Equipment Replacement
for Specific Reserve Account Nos. 5544 & 5547

Equip #	Equipment	Category	RESP OFC	YEAR	ARB Regulated	Authority Service Life	Forecasted Replacement Year	EQUIPMENT REPLACEMENT COST(FY19$)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
2627	Bottom Belly Dump Trailer	1	LBFO	1996		25	2021	$62,000	**$ 62,000**									
2630	Dump Truck	1	LBFO	2000	√	20	2022	$180,000	**$ 180,000**									
New	Water Truck	1	LBFO				2024	$165,000		**$ 165,000**								
2648	Front End Loader	1	LBFO	1993	√	30	2024	$152,800		**$ 152,800**								
666	Forklift (4K lb Capacity) Pigeon Roost (LPG)	1	ONP	1989	√	30	2022	$29,000			**$ 29,000**							
662	Forklift (5K lb Capacity) ONP SHOP (DSL)	1	ONP	1988	√	30	2023	$35,000			**$ 35,000**							
8057	JLG Man Lift	1	TFO	2008		20	2023	$130,000			**$ 130,000**							
8050	Lowboy Trailer	1	LBFO	2007		20	2027	$115,000					**$ 115,000**					
8052	Flatbed Tilt Trailer	1	TFO	2007		20	2027	$45,000					**$ 45,000**					
8068	Boom Truck (26 Ton Capacity)	1	TFO	2009	√	20	2028	$257,000						**$ 257,000**				
8082	Dump Truck	1	TFO	2011	√	20	2031	$178,500									**$ 178,500**	
8078	Flatbed Tilt Trailer	1	LBFO	2011		20	2031	$45,000										
8083	Truck/Tractor	1	ALL	2012	√	20	2032	$145,000										
8094	Boom Truck	1	LBFO	2012	√	20	2032	$257,000										
8090	Compact Tracked Loader	1	TFO	2013	√	20	2033	$70,000										
8099	Water Truck	1	TFO	2013	√	20	2033	$152,000										
8100	Dump Truck	1	LBFO	2013	√	20	2033	$178,500										
8112	Backhoe	1	LBFO	2016	√	20	2036	$128,700										
8113	Backhoe	1	TFO	2016	√	20	2036	$128,700										
8126	Water Truck	1	LBFO	2017	√	20	2037	$152,000										
8125	Excavator	1	TFO	2017	√	20	2037	$320,000										
8065	Forklift (2.5 Ton Capacity) (LPG)	1	TFO	2009	√	30	2039	$28,500										
8136	Case Magnum 180 Tractor	1	LBFO	2018	√	20	2039	$156,000										
8072	12' Heavy Duty Disc	1	TFO	2011		30	2041	$23,000										
8079	Forklift (4000 Lb Capacity) LBFO SHOP (LPG)	1	LBFO	2011	√	30	2041	$31,500										
8095	Forklift (4K lb Capacity) WH (Electric)	1	TFO	2013	√	30	2043	$33,000										
8096	Forklift (7.5 Ton Capacity) TFO YARD (LPG)	1	TFO	2013	√	30	2043	$89,500										
8097	Forklift (10K lb Capacity) LBFO YARD (LPG)	1	LBFO	2013	√	30	2043	$62,500										
8109	12' Heavy Duty Disc	1	LBFO	2016		30	2046	$23,000										
8132	Forklift (4K lb Capacity) JPP (Electric)	1	TFO	2018	√	30	2048	$38,000										
8133	Forklift (4K lb Capacity) SB&Pnt (LPG)	1	TFO	2018	√	30	2048	$29,500										
8135	Spray Truck (1 Ton)	1	LBFO	2018		10	2029	$135,000							**$ 135,000**			
8134	1.5 Ton Service Truck with 2 Ton Hoist	1	JPP	2018		15	2019	$70,000										
8138	Lowboy Trailer	1	TFO	2018		20	2039	$115,000										
2642	Dozer (w/rippers)	1	LBFO	1976	√	40	2020	$300,000										
8152	200 kW Emergency Generator - Trailer Mounted	1	LBFO	2019	√	40	2020	$130,000										
8151	Long Reach Excavator	1	LBFO	2019	√	20	2039	$350,000										
8145	Grader (John Deere)	1	LBFO	2019	√	25	2039	$345,000										
8148	Bobcat	1	LBFO	2019	√	20	2040	$75,000										
8001	20-Ton P&H Omega RT Crane	1	LBFO	1988	√	30	2023	$300,000										
8155	Genie Man Lift (Electric)	1	TFO	2020		20	2040	$60,000										
8160	Forklift (4K lb Capacity) JPP (LPG)	1	TFO	2020	√	20	2040	$35,000										
8150	Grader (John Deere)	1	TFO	2019	√	20	2040	$345,000										
8162	Case Magnum 180 Tractor	1	TFO	2020	√	20	2040	$160,000										
8157	Mower	1	LBFO	2020		20	2040	$25,000										
	Truck/Tractor	1	LBFO	2021	√	20	2024	$158,000										
	Spray Truck (2.5 Ton)	1	LBFO	2021	√	20	2022	$180,000										
2607	Dump Truck-OPP Trash Racks (convert 2609)	1	OPP	1981		40	2022	$40,000										
								Total	**$ 242,000**	**$ 317,800**	**$ 194,000**	**$ -**	**$ 160,000**	**$ 257,000**	**$ 135,000**	**$ -**	**$ 178,500**	**$ -**
√ - Emissions regulated by California Air Resources Board (Off Road has bold font)							*# of Equipment Replaced*		2	2	3	0	2	1	0	0	1	0
	- Currently CARB Compliant						*3% Inflation Factor per Year*		$ 7,260	$ 19,354	$ 17,989	$ -	$ 25,484	$ 49,871	$ 31,033	$ -	$ 54,402	$ -
								Yearly Total	**$ 249,300**	**$ 337,200**	**$ 212,000**	**$ -**	**$ 185,500**	**$ 306,900**	**$ 166,000**	**$ -**	**$ 232,900**	**$ -**

Grand Total $ 1,689,800

NOTE: Equipment cost rounded to the nearest $100.

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **V1999002** ***Segment Code:*** **D1-2023** ***Priority:*** **B-6-c**

Facility: ALL ***Project Lead:*** CSUPT

Project Title: Vehicle Replacement (Reserve Fund)

Estimated Total Cost: $128,400.00

Labor:	$0	***Materials:***	$0	***Equipment:***	$0	***Contract Costs:***	$128,400

Project Description and Scope:
The San Luis & Delta-Mendota Water Authority vehicles will be replaced or considered for replacement when the criteria for the Authority Vehicle Replacement Policy has been met. The purpose of this Reserve Project is to set-aside funding annually for replacement of the Authority vehicles. The Authority Vehicle Replacement Plan will be presented for approval each year.

Project Purpose and Background
The San Luis & Delta-Mendota Water Authority Vehicle Replacement Policy objective is to provide safe and efficient operating vehicles in a manner which maximizes the vehicles utilization for the Authority.

Project Status:
See attached Vehicle Replacement 10 Year Plan.

San Luis & Delta-Mendota Water Authority
Vehicle Replacement 10 Year Plan
FY2023 Frontline Vehicles

				A		B	C	D			E										
Veh No.	FRONT LINE VEHICLE DESCRIPTION	2022	*Vehicle User*	Model Year	Assigned To:	Est. MILEAGE ON 3/1/2022	Average Miles Per Year	Calculated Years to Replacement (150K or 15 yrs)[1,2]	Calculated FY for Replacement (Mileage or Age)	Est. Mileage at Replacement	Proposed FY for Replacement	Estimated Replacement Cost (FY2019$)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
					Current Calendar Year (CCY) =	2022	B ÷ (CCY - A)	(150K-B) ÷ C or 15 yrs	Current FY+D or *A + 15 yrs*	B + (E-Current FY) x C	To be reviewed each year	To be updated each year										
8129	1/2 Ton Ext Cab 4X4[2]		P. Nacci	2017	LBFO Canal Operations	145,000	36,250	0	2022	145,000	2023	$33,000	$33,000					$33,000				
8122	1/2 Ton Pickup[2]		K. Silva	2017	TFO Canal Operations	122,000	30,500	0	2022	122,000	2023	$27,500	$27,500					$27,500				
8123	1/2 Ton Pickup[2]		Rodney Huff	2017	LBFO Canal Operations	135,000	33,750	0	2022	135,000	2023	$27,500	$27,500					$27,500				
8119	1/2 Ton Ext Cab 4X4[2]		Walsh	2017	LBFO Eng. HT3	128,000	32,000	0	2022	128,000	2023	$33,000	$33,000					$33,000				
8107	3/4 Ton Pickup w/Utility Body [2]		J. Weisenberger	2016	TFO Canal Operations	112,000	22,400	2	2024	134,400	2024	$40,000		$40,000					$40,000			
8120	Mid Sized Sedan		S. Davis	2017	IT	104,000	26,000	2	2024	130,000	2024	$26,500		$26,500								
8124	1/2 Ton Pickup		J. Oxenrider	2017	Operations Supervisor	94,000	23,500	3	2025	117,500	2024	$27,500		$27,500								
8086	1/2 Ton Pickup		R. Nazabel	2012	TFO Civil Maint.Foreman	109,000	12,111	4	2026	121,111	2024	$27,500		$27,500								
8108	Small SUV		Jamie M	2016	Engineering Manager	115,000	23,000	2	2024	138,000	2024	$30,000		$30,000								
8146	1/2 Ton Pickup[2]		S. Posey	2018	LBFO Canal Operations	91,400	30,467	1	2023	121,867	2024	$27,500		$27,500					$27,500			
8091	Small SUV		Frank R	2013	Safety Engineer	92,000	11,500	8	2028	115,000	2025	$30,000			$30,000							
8033	3/4 Ton Pickup		J. Miller	2006	JPP Machine Shop	78,200	5,213	14	2021	88,627	2025	$28,500			$28,500							
8073	3/4 Ton 4x4 Pickup		P. Fagundes	2011	TFO Civil Maint.	82,500	8,250	9	2026	99,000	2025	$32,000			$32,000							
8069	3/4 Ton Pickup		Equip. Oper	2010	TFO Civil Maint.	92,000	8,364	7	2025	108,727	2025	$28,500			$28,500							
8131	1/2 Ton Pickup		C. Lee	2018	Watermaster	58,000	19,333	5	2027	96,667	2025	$27,500			$27,500							
8141	1/2 Ton Pickup		R. Martin	2018	LBFO Canal Operations	83,000	27,667	3	2025	138,333	2025	$27,500			$27,500					$27,500		
8105	1 Ton Utility Truck-Diesel		CMLB	2014	LBFO Civil Maint.	98,000	14,000	4	2026	140,000	2026	$60,000				$60,000						
8143	1/2 Ton Pickup. 4WD. Crew Cab		P. Stearns	2019	Operations Manager	52,000	26,000	4	2026	130,000	2026	$33,000				$33,000						
8062	1/2 Ton Pickup		J. Amaya	2009	TFO Electric Shop	90,000	7,500	8	2024	112,500	2026	$27,500				$27,500						
8153	Mid Size SUV		F. Barajas	2020	Exec. Director	20,000	20,000	7	2029	80,000	2026	$39,000				$39,000					$39,000	
8147	3/4 Ton Pickup w/Utility Body [2]		M. Costa	2019	LBFO Canal Operations	56,000	28,000	2	2024	140,000	2026	$40,000				$40,000				$40,000	$40,000	
8118	1/2 Ton Pickup		Engineering	2017	Mechanical Engineer	67,000	16,750	5	2027	134,000	2027	$27,500					$27,500					
8061	1 Ton Pickup w/Utility Body		JPP	2009	JPP Machine Shop	17,500	1,458	15	2024	23,333	2027	$46,000					$46,000					
8081	Small SUV		Savan	2012	SCADA Integrator	57,000	6,333	15	2027	82,333	2027	$30,000					$30,000					
8110	3/4 Ton Pickup w/Utility Body		A. Jorge	2016	LBFO Civil Maint	78,000	15,600	5	2027	140,400	2027	$40,000					$40,000					
8103	3/4 Ton Pickup. 4WD		Robert Huff	2014	LBFO Civil Maint	96,000	13,714	4	2026	150,857	2027	$32,000					$32,000					
8142	Small SUV		S.Petersen	2019	Water Policy Director	30,000	15,000	8	2030	105,000	2028	$25,000						$25,000				
8137	3/4 Ton Pickup w/Flat Bed (Spray Truck)		CMLB	2018	LBFO Civil Maint.	45,000	15,000	7	2029	135,000	2029	$34,000										
8139	1 Ton Pickup w/Utility Body - Diesel		CMT	2018	TFO Civil Maint.	45,000	15,000	7	2029	135,000	2029	$60,000							$60,000			
8140	1 Ton Pickup w/Utility Body - Diesel		CMLB	2018	LBFO Civil Maint.	46,000	15,333	7	2029	138,000	2029	$60,000							$60,000			
8144	Small SUV		SGMA	2019	Civil Engineer-Ground Water	40,000	20,000	6	2028	180,000	2030	$30,000								$30,000		
8111	1 Ton Pickup w/Utility Body		R. Bertao	2016	LBFO Civil Maint	24,000	4,800	15	2031	57,600	2030	$45,000								$45,000		
8106	1 Ton Utility Truck - Diesel		T. Romero	2014	TFO Civil Maint.	24,000	3,429	15	2029	48,000	2030	$60,000							$60,000			
8149	1 Ton Pickup w/Utility Body - Diesel		CMT	2019	TFO Civil Maint.	32,000	16,000	8	2030	160,000	2031	$60,000						$60,000				
8158	1/2 Ton Pickup		B. Soares	2020	LBFO Civil Maint.	16,000	16,000	9	2031	96,000	2028	$27,500								$27,500		
8156	3/4 Ton Pickup w/Utility Body [2]		L. Simonich	2020	TFO Canal Operations	9,000	9,000	3	2025	36,000	2026	$40,000					$40,000					
8159	Mid Sized SUV [1]		Bob M	2020	Facility Manager	18,000	18,000	8	2030	90,000	2027	$39,000										
8161	3/4 Ton Pickup		M. Garcia	2020	LBFO Civil Maint.	6,000	6,000	15	2035	60,000	2032	$27,000										
8164	Mid Sized SUV		J. Bejarano	2021	Engineering	10,000	10,000	14	2036	100,000	2032	$32,000					$30,000					
8165	Sedan		P. Arroyave	2021	COO	15,000	15,000	9	2031	75,000	2027	$30,000					$30,000					
2601	3/4 Ton Pickup		JPP	2001	JPP Machine Shop	75,000	3,750	15	2016	71,250	2022	$24,000										
2606	3/4 Ton Pickup w/Utility Body		M. Izoco	2002	Oneill PP	62,000	3,263	15	2017	58,737	2022	$40,000										
8035	3/4 Ton Pickup w/Utility Body		ESHOP	2006	TFO Electric Shop	79,000	5,267	14	2021	73,733	2022	$40,000										
8034	3/4 Ton Pickup w/Utility Body		ESHOP	2006	TFO Electric Shop	80,000	5,333	14	2021	74,667	2022	$40,000										
8098	Minivan-Service Van		Y. Suarez	2013	OPP C&I	31,600	3,950	15	2028	27,650	2022	$26,000										
				45								Total	$ 121,000	$ 179,000	$ 174,000	$ 199,500	$ 275,500	$ 206,000	$ 247,500	$ 170,000	$ 79,000	$ -
												# of Vehicles Replaced	4	6	6	5	8	6	5	5	2	0
												3% Inflation Factor per Year	$ 7,369	$ 10,901	$ 16,134	$ 25,039	$ 43,880	$ 39,975	$ 56,894	$ 45,351	$ 24,077	$ -
												Total Dollar Amount	$ 128,400	$ 190,000	$ 190,200	$ 224,600	$ 319,400	$ 246,000	$ 304,400	$ 215,400	$ 103,100	$ -
												NOTE: Vehicle replacement costs rounded up to the nearest $500.									**Grand Total**	**$ 1,793,100**

Notes:

1. Exec. Director & COO vehicles to be replaced every 5 years and reassigned to another Department.
2. TFO & LBFO Canal Operations high mileage vehicles shall be replaced every 5 or 6 years and reassigned to another Department.
3. Vehicle mileage reflects partial year use.

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **C2011001** ***Segment Code:*** **D3-2023** ***Priority:*** **B-7-c**

Facility: ALL ***Project Lead:*** CIVIL

Project Title: Facility Infrastructure Replacement/Rehabilitation Program

Estimated Total Cost: $47,000.00

Labor:	$0	***Materials:***	$0	***Equipment:***	$0	***Contract Costs:***	$47,000

Project Description and Scope:
The reserve funds set aside for this project will be utilized for planned repairs/rehabilitation and/or improvements to the facilities the SLDMWA has the responsibility to operate and maintain. The typical type of project to be funded will be associated with facility repairs/rehabilitation and/or improvements in the following areas: Roofing Systems, Building Interior/Exterior Components, Building HVAC Systems, Building Electrical & Communication Systems, Building Plumbing Systems, Building Fire Protections Systems, and Building Pavement & Grounds.

Project Purpose and Background
The San Luis & Delta-Mendota Water Authority is responsible for the operation, maintenance, rehabilitation and replacement of C.W. "Bill" Jones Pumping Plant, O'Neill Pumping/Generating Plant and all the support O&M facilities. The majority of the facilities were constructed in the 1950's and 1960's and the existing buildings on the Tracy Compound were built in 1996. The purpose of this reserve fund is to fund required repairs/rehabilitation projects so the funds are in place when the repair/replacement is necessary.

Project Status:
See attached Facility Infrastructure 10 Year Plan.

	How Often (Yrs)	Est. Cost (x1000) in 2014$	Year Last Performed	Forecasted Years	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Tracy Field Office Facilities					**$ 46**	**$ 52**	**$ 77**	**$ 43**	**$ 16**	**$ -**	**$ 50**	**$ -**	**$ 45**	**$ 21**
Entire O&M Compound					**$ 46**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50**	**$ -**	**$ 45**	**$ -**
Asphalt Pavement Areas					$ 46	$ -	$ -	$ -	$ -	$ -	$ 50	$ -	$ -	$ -
Seal Coat Surfacing & Striping (incl USBR Lot)	*5*	*41*	*2017*	*2022*	$ 46						$ 50			
Alarm & Security Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fire Alarm System Replacement	*30*	*20*	*2011*	*2041*										
Security System Replacement	*20*	*25*	*2012*	*2032*										
Wash Water Recycling System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Recycling System Replacement	*20*	*75*	*1996*	*2016*										
Aboveground Fuel Storage System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 45	$ -
Tank Replacement	*40*	*20*	*1996*	*2036*									$ 20	
Fuel Dispensing System Replacement	*15*	*20*	*2015*	*2030*									$ 20	
Fuel Management Software Replacement (1995)	*15*	*5*	*2015*	*2030*									$ 5	
Control Building (70 Years Old)					**$ -**	**$ 15**	**$ -**	**$ -**	**$ 10**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Re-seal/Overlay/Replacement	*20*	*15*	*2021*	*2041*										
Building Interior/Exterior Components					$ -	$ 15	$ -	$ -	$ 10	$ -	$ -	$ -	$ -	$ -
Interior Maintenance (Painting)	*20*	*10*	*2007*	*2027*					$ 10					
Kitchen Remodel	*25*	*15*	*1980*	*2005*		$ 15								
Flooring Replacement (Carpet/Tile)	*20*	*15*	*2007*	*2027*										
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	*20*	*10*	*2011*	*2031*										
Air Conditioning System Replacement	*20*	*30*	*2011*	*2031*										
Ventilation System Replacement	*20*	*10*	*2011*	*2031*										
Warehouse Building (26 Years Old)					**$ -**	**$ 20**	**$ 27**	**$ 18**	**$ 6**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Roofing Systems					$ -	$ -	$ 27	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	*25*	*25*	*1996*	*2021*			$ 27							
Building Interior/Exterior Components					$ -	$ 20	$ -	$ 18	$ 6	$ -	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	*40*	*15*	*1996*	*2036*										
Interior Maintenance (Painting)	*20*	*5*	*2007*	*2027*					$ 6					
Kitchen Remodel	*30*	*15*	*1996*	*2026*				$ 18						
Flooring Replacement (Carpet/Tile)	*20*	*20*	*2007*	*2027*		$ 20								
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	*20*	*15*	*1996*	*2016*										
Air Conditioning System Replacement	*20*	*18*	*1996*	*2016*										
Ventilation System Replacement	*20*	*10*	*1996*	*2016*										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	*50*	*10*	*1996*	*2046*										

	How Often (Yrs)	Est. Cost (x1000) in 2014$	Year Last Performed	Forecasted Years	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Adminstration/Electric Shop Building (26 Years Old)					**$ -**	**$ 17**	**$ 25**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Roofing Systems					$ -	$ -	$ 25	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	25	25	1996	2021			$ 25							
Building Interior/Exterior Components					$ -	$ 17	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	40	15	1996	2036										
Interior Maintenance (Painting)	20	10	2013	2033										
Office Partition Replacement	20	25	2013	2033										
Kitchen/Lunch Room Remodel	20	15	1996	2016		$ 17								
Flooring Replacement (Carpet/Tile)	20	15	2013	2033										
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	20	35	1996	2016										
Air Conditioning System Replacement	20	35	1996	2016										
Ventilation System Replacement	20	20	1996	2016										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	50	10	1996	2046										
Civil/Vehicle Maintenance Building (26 Years Old)					**$ -**	**$ -**	**$ 25**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Roofing Systems					$ -	$ -	$ 25	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	25	25	1996	2021			$ 25							
Building Interior/Exterior Components					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	40	15	1996	2036										
Interior Maintenance (Painting)	20	10	2014	2034										
Flooring Replacement (Tile)	25	20	2020	2045										
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	20	10	1996	2016										
Air Conditioning System Replacement	20	10	1996	2016										
Shop Ventilation System Replacement	20	10	1996	2016										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	50	10	1996	2046										
Sandblast and Paint Building (20 Years Old)					**$ -**	**$ -**	**$ -**	**$ 25**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 21**
Roofing Systems					$ -	$ -	$ -	$ 25	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	25	25	2002	2027				$ 25						
Building Interior/Exterior Components					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	40	15	2002	2042										
Blast Room Air Flow System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21
Filter Replacement	10	15	2022	2032										$ 21
Air Compressor Replacement	20	50	2022	2042										
Shop Ventilation System Replacement	20	50	2022	2042										
Media Collection System	20	75	2022	2042										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	30	10	2002	2032										

	How Often (Yrs)	Est. Cost (x1000) in 2014$	Year Last Performed	Forecasted Years	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Los Banos Field Office & Maintenance Facility					**$ -**	**$ 77**	**$ -**	**$ 37**	**$ -**	**$ 87**	**$ -**	**$ 25**	**$ 45**	**$ -**
Entire O&M Compound					**$ -**	**$ 77**	**$ -**	**$ -**	**$ -**	**$ 45**	**$ -**	**$ 25**	**$ 45**	**$ -**
Asphalt Pavement Areas					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 25	$ -	$ -
Seal Coat Surfacing & Striping (2009)	*10*	*20*	*2019*	*2029*								$ 25		
Alarm & Security Systems					$ -	$ -	$ -	$ -	$ -	$ 45	$ -	$ -		
Fire Alarm System Replacement (2008)	*20*	*20*	*2008*	*2028*						$ 20				
Security System Replacement (2008)	*20*	*25*	*2008*	*2028*						$ 25				
Domestic Water Well					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Well Replacement	*25*	*150*	*2021*	*2046*										
Wash Water Recycling System					$ -	$ 77	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Recycling System Replacement (2004)	*20*	*75*	*2004*	*2024*		$ 77								
Aboveground Fuel Storage System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 45	$ -
Tank Replacement (1993)	*40*	*20*	*1993*	*2033*									$ 20	
Fuel Dispensing System Replacement	*15*	*20*	*2015*	*2030*									$ 20	
Fuel Management Software Replacement (1993)	*15*	*5*	*2015*	*2030*									$ 5	
Office Building (15 Years Old)					**$ -**	**$ -**	**$ -**	**$ 37**	**$ -**	**$ 42**	**$ -**	**$ -**	**$ -**	**$ -**
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement (2008)	*25*	*25*	*2008*	*2033*										
Building Interior/Exterior Components					$ -	$ -	$ -	$ 37	$ -	$ -	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	*40*	*30*	*2008*	*2048*										
Interior Maintenance (Painting) (2008)	*20*	*10*	*2008*	*2028*				$ 10						
Office Partition Replacement (2008)	*20*	*15*	*2008*	*2028*				$ 17						
Flooring Replacement (Carpet/Tile)(2008)	*20*	*10*	*2008*	*2028*				$ 10						
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ 42	$ -	$ -	$ -	$ -
Heater System Replacement (2008)	*20*	*20*	*2008*	*2028*						$ 20				
Air Conditioning System Replacement (2008)	*20*	*20*	*2008*	*2028*						$ 22				
Los Banos Administration Office Facility					**$ -**	**$ -**	**$ -**	**$ -**	**$ 10**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Office Building					**$ -**	**$ -**	**$ -**	**$ -**	**$ 10**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Offices					$ -	$ -	$ -	$ -	$ 10	$ -	$ -	$ -	$ -	$ -
Interior Maintenance (Painting)	*20*	*15*	*2000*	*2020*										
Office Partition Replacement	*20*	*10*	*2008*	*2028*					$ 10					
Flooring Replacement (Carpet/Tile)	*20*	*25*	*2000*	*2020*										
Alarm & Security Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Security Alarm System Replacement	*20*	*10*	*2000*	*2020*										
Building Plumbing System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Kitchen/Lunchroom Remodel	*20*	*18*	*1992*	*2012*										
TOTALS (x $1000)					$ 46	$ 129	$ 77	$ 80	$ 26	$ 87	$ 50	$ 25	$ 90	$ 21
3% Inflation Factor per Year (x $1000)					$ 1	$ 8	$ 7	$ 10	$ 4	$ 17	$ 11	$ 7	$ 27	$ 7
Yearly Total (x $1000)					**$ 47**	**$ 136**	**$ 84**	**$ 90**	**$ 30**	**$ 104**	**$ 61**	**$ 32**	**$ 117**	**$ 28**

10 Year Grand Total **$ 731**

Project No.: **E2000004** ***Segment Code:*** **D0-2023** ***Priority:*** **C-6-b**

Facility: ALL ***Project Lead:*** NETW

Project Title: Replace Computer/Network Communication Equip (Reserve Fund)

Estimated Total Cost: $149,200.00

Labor:	$0	***Materials:***	$149,200	***Equipment:***	$0	***Contract Costs:***	$0

Project Description and Scope:

The computer/network communication equipment scheduled to be replaced this FY is summarized on the attached 10 year plan.

Project Purpose and Background

To ensure that our computer equipment is both operational and is of the capacity to operate current versions of application software, the Authority has a proactive plan to upgrade/replace computer communications equipment rather than react to emergency replacement needs and placing business communications at risk. A 10-year plan was developed to estimate future communications & computer equipment replacement needs. Copiers and fax machines are included in this 10 year plan. The planned replacement of these office machines is necessary based on cost and business function. Forecasting this equipment with network systems also provides the ability to explore combining technologies, i.e. copier with network printing, which may reduce maintenance and supply costs. The SCADA network computers, switches and associated components were added to this project starting FY09. The inclusion of this equipment brings all computer network purchases and control into one project with one manager overseeing purchases and ensuring all equipment meets the minimum requirements and is on a schedule for replacements.

Project Status:

Reserve Fund

SAN LUIS DELTA-MENDOTA WATER AUTHORITY
10-Year Network/Information Systems Equipment Replacement Plan

	No. in Use	Life-span (in years)	No. per Year	Cost EA	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	TOTAL
Computers & Peripherals															
Computers - workstations	38	5	Note 1	$1,800	$5,400	$5,400	$5,400	$5,400	$46,800	$5,400	$5,400	$5,400	$5,400	$46,800	**$136,800**
Computers - laptops	27	4/5		$2,700	$8,100	$29,700	$24,300	$2,700	$13,500	$27,000	$24,300	$5,400	$9,000	$29,700	**$173,700**
Plotter	1	10	Note 12	$15,000	$5,000	$0	$0	$0	$0	$0	$0	$0	$0	$17,000	**$22,000**
Monitors	69	7	Note 2	$350	$1,050	$1,050	$7,000	$7,000	$7,000	$1,050	$1,050	$1,050	$1,050	$7,000	**$34,300**
Servers	8	5	Note 3		$48,000	$8,000	$25,500	$15,000	$0	$48,000	$8,000	$25,500	$20,000	$15,000	**$213,000**
Switches	12	5	Note 4		$15,000	$0	$0	$0	$0	$15,000	$0	$0	$5,000	$15,000	**$50,000**
Backup System	3	5	Note 5		$0	$0	$0	$20,000	$0	$0	$0	$0	$30,000	$0	**$50,000**
Anti-virus/spam software/image software	125	3	Note 6	$70	$0	$8,750	$0	$0	$8,750	$0	$0	$8,750	$0	$0	**$26,250**
Firewall	2	5	Note 7		$11,000	$0	$0	$4,000	$0	$11,000	$0	$0	$6,000	$0	**$32,000**
SCADA computer/network equipment			Note 8												
Computer - workstations	3	5		$2,300	$4,600	$0	$0	$0	$2,300	$4,600	$0	$0	$0	$5,000	**$16,500**
Computer - mission critical workstns	2	5		$6,000	$0	$0	$6,000	$6,000	$0	$0	$0	$6,000	$7,000	$0	**$25,000**
Workstation with Monitors	2	5		$3,500	$0	$0	$0	$7,000	$0	$0	$0	$0	$8,000	$0	**$15,000**
Servers	2	5		$5,500	$0	$0	$0	$11,000	$0	$0	$0	$0	$14,000	$0	**$25,000**
Laptops	2	4		$2,700	$0	$0	$5,500	$0	$0	$0	$5,500	$0	$0	$5,500	**$16,500**
Switches	4	5			$0	$0	$3,500	$0	$0	$0	$0	$3,500	$0	$0	**$7,000**
Firewall	2	5			$0	$300	$0	$1,000	$0	$0	$300	$0	$0	$0	**$1,600**
Security Monitors (42")	3	4		$1,000	$0	$0	$3,000	$0	$0	$0	$3,000	$0	$1,000	$3,000	**$10,000**
Office Equipment															
Copiers	6	4-7	Note 9		$6,000	$22,000	$0	$12,000	$0	$28,000	$0	$6,000	$0		**$74,000**
Fax Machines	4	10	Note 10		$0	$0	$0	$1,500	$0	$0	$0	$0	$1,500	$0	**$3,000**
Phone System	4	15	Note 11		$45,000	$0	$0	$0	$0	$15,000	$10,000	$15,000	$15,000	$45,000	**$145,000**
Other Equipment															
Fuel System	1	10			$0	$0	$35,000	$0	$0	$0	$0	$0	$0	$0	**$35,000**
				TOTAL	**$149,150**	**$75,200**	**$115,200**	**$92,600**	**$78,350**	**$155,050**	**$57,550**	**$76,600**	**$122,950**	**$189,000**	**$1,111,650**
				Annual Cost											**$111,165**

Note 1: The replacement of 3 PCs per year is predicated on a PC life span of 5 years. Every fifth year, 26 computers will require replacement. The cost of $1,800 per PC includes software for the workstation (e.g. MS Windows 10 & MS Office).
Note 2: Replace flat panel monitors as needed.
Note 3: Replace storage server in 2021. Replace mail, file, & sql servers in 2023. The amounts include the operating system software and client access licenses.
Note 4: All switches will be replaced at the same time.
Note 5: Replace backup systems at LBAO, Tracy and Sacramento; includes hardware, software, external drives, and technical support.
Note 6: Support & upgrades are purchased every three years due to the cost savings but not for longer due to the changes in technology.
Note 7: Purchase 2-year support/update contract in 2021 and replace hardware with 3-year software support/updates in 2023.
Note 8: This section consists of a servers, switches, PCs, monitors & laptops with varying life cycles for the SCADA network.
Note 9: Replace Warehouse copier in 2021 and LBFO copier in 2023.
Note 10: Replace the TAO fax in 2021.
Note 11: Replace the Tracy phone system in 2023.
Note 12: Plotter prices increased over 10 yrs and includes extended warranty

Prepared 7/16/2019
Revised 7/27/2020
Revised 9/13/2019

San Luis & Delta-Mendota Water Authority
Extraordinary O&M Projects
Project Description and Justification Sheet

Project No.: **E1999001** ***Segment Code:*** **F4-2023** ***Priority:*** **B-3-a**

Facility: JPP ***Project Lead:*** EENG

Project Title: Unit Rewind - Phase 6 (U4 & U3)

Estimated Total Cost: $4,047,200.00

Labor: $550,000 ***Materials:*** $0 ***Equipment:*** $0 ***Contract Costs:*** $3,497,200

Project Description and Scope:
The scope of this phase is to perform the unit rewind work on the final two units (Finish the remaining work on Unit 4 and the complete rewind of Unit 3). Prior to the contract work on each unit, the SLDMWA staff will disassemble the unit. The contractor will then take possession of the unit for the rewind work. The contractor's rewind work includes the following: manufacture new stator coils, stator laminations and vents. Remove and dispose of the existing stator components down to the stator frame. Reinstall the new stator laminations, vents, coils per the contract requirements. Upon completion of the rewind, the contractor will return possession of the unit to the SLDMWA for reassembly. After the completion of the reassembly, the unit is tested to confirm the unit performance meets the contract performance requirements. The contract will be closed out and all as-built drawings and spare parts will be provided to the SLDMWA.
FUNDING NOTE: The cost for Unit 4 is financed with Public Bond funds and the cost for Unit 3 is financed through a Repayment Agreement between the SLDMWA and the USBR.

Project Purpose and Background
The six (6) motors at the Jones Pumping Plant (JPP) were refurbished between 1977 and 1984. The typical service life of a unit stator winding is 25 years. In 2015, the age of the unit stator windings was between 31 and 38 years old. Phase 1 of this multi-phased project was funded and completed in FY15. During this phase, the USBR performed a condition assessment on all six (6) JPP units and the findings were that all the units were at the end of their service life. Based on the data collected during the condition assessment, a rewind order was developed. The recommended rewind priority order is as follows: Unit 6, 2, 5, 1, 4, & 3. Phase 2 was funded in FY18 and completed in FY19 and it included the design and rewind of JPP Unit 6. Phase 3 was funded in FY20 and included the development of the contract documents for the rewind of the remaining 5 JPP units.

NOTE: The impact of this project if not accomplished is that the Jones Pumping Plant (JPP) unit reliability is decreased and has the high potential to cause unit failures.

Project Status:
FY2018 - FY2021 - Rewind work completed on Units 6, 2, 5 respectively.
FY2022 - Rewind of Unit 1 in progress. Rewind of Unit 4 will begin in November, 2021
FY2023 - Awaiting approval - Unit 4 & 3 (Unit 4 financed with Public Bond and Unit 3 financed by USBR)

Westlands Water District

MEMORANDUM

TO: SLDMWA BOARD OF DIRECTORS

FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER

SUBJECT JANAURY OPERATIONS UPDATE

DATE: JANUARY 7, 2022

Project Operations

- Jones pumping increased to 5 units or 4,200 cfs during this week following a 14-day delta smelt BiOp action that limited CVP exports to a daily average 1,670 cfs. The export curtailment reduced CVP exports by an estimated 70 TAF. CVP pumping is now controlled by a separate delta smelt BiOp action that limits the reverse flow in Old and Middle Rivers (OMR) to -5,000 cfs.
- Banks pumping was limited to about 830 cfs during the recent delta smelt BiOp action which reduced SWP exports by at least 140 TAF. The current -5,000 cfs OMR limit will likely hold SWP exports to about 3,000 cfs absent additional precipitation in the San Joaquin Valley.
- Reclamation continues to estimate the accounting balance under the Coordinated Operations Agreement (COA) at about 350-400 TAF in favor of the CVP. The COA is expected to be balanced during the next several months through Oroville releases made in lieu of CVP reservoir releases and Jones pumping a slightly higher share of the allowable export capacity.
- Accumulated precipitation in the Sacramento Valley finished December at 144% of average. Precipitation so far this month is at about 1 inch compared to a monthly average of 9.1 inches.
- Shasta storage is about 1.41 MAF – an increase of almost 300 TAF from a month ago. Although precipitation in the Shasta basin is about 140% of average, reservoir inflows have been less than expected, possibly because the precipitation has come more as snow rather than rain or because of drought-related dry soil conditions. As such, the current storage is about 100 TAF less than projected in Reclamation's latest operations forecast under a 50% exceedance hydrology.
- Folsom storage recently refilled to 587 TAF and has since decreased to 572 TAF due to flood control requirements. With snowpack in the basin at 140% of average, it appears certain that the reservoir will fill by May when the peak snow melt occurs. The current storage is trending higher than Reclamation's latest forecast under a 50% exceedance hydrology.
- CVP demands for December were 26 TAF which was 50% of the 15-year average.

2021-22 San Luis Reservoir Operations

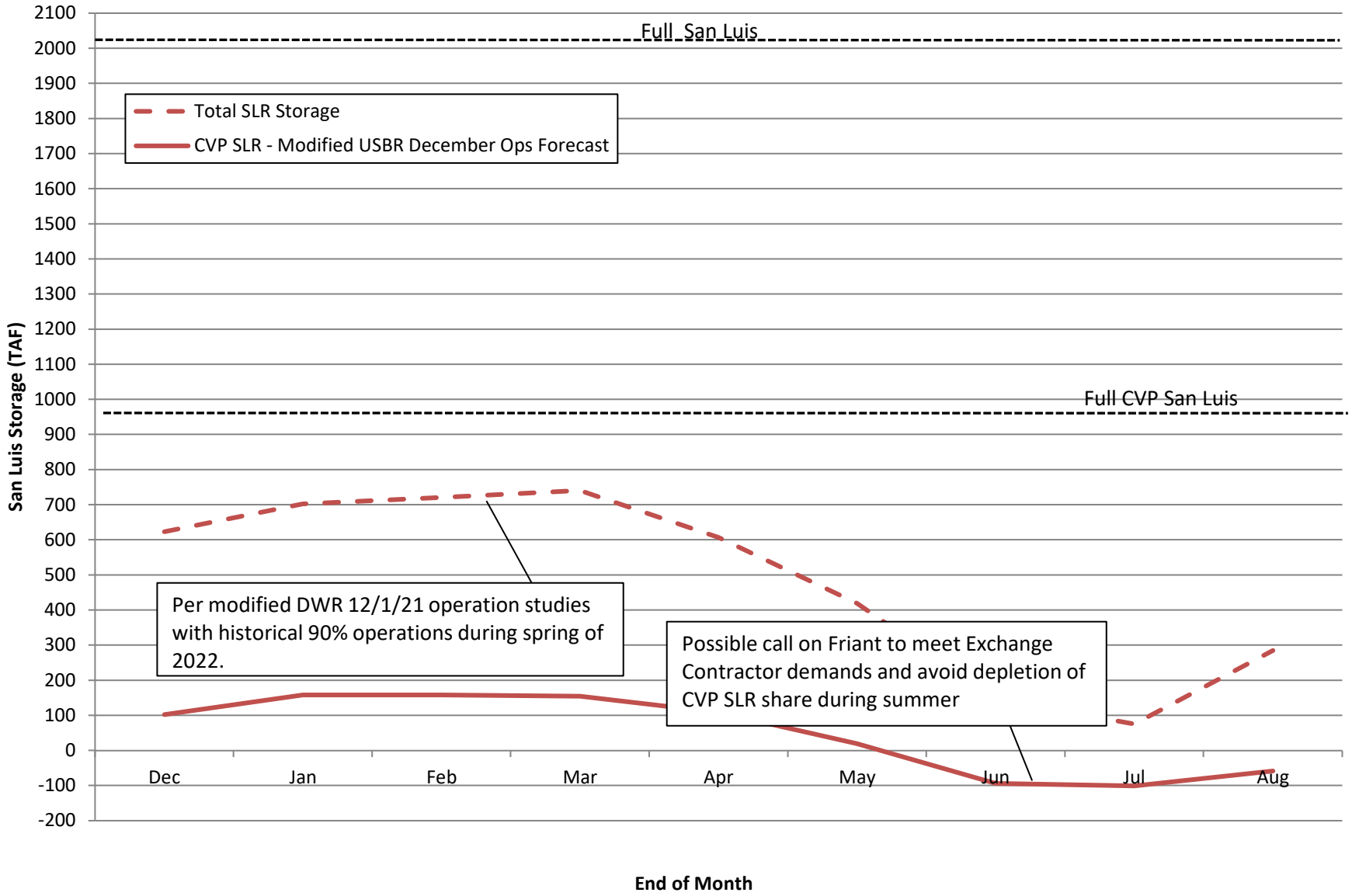
The CVP's share of the San Luis Reservoir (SLR) is about 128 TAF – an increase of only 40 TAF since mid-December due to the recent export curtailment mandated by the delta smelt BiOp. The daily refill rate has recently increased to about 8 TAF due to the recent pumping increase.

The attached SLR projection chart under 90% exceedance conditions shows CVP SLR refilling to 200-300 TAF by late February before drawing down. The projected low storage with dry conditions will result in insufficient Project water by late spring to meet Exchange Contractor demands under a 75% allocation. The attached SLR projection chart under 50% exceedance conditions shows CVP SLR refilling to about 500-600 TAF by the end of March.

Although Shasta storage is trending lower than the 50% exceedance forecast, Folsom storage is well above its median projection. So, Folsom may have storage available to help compensate for storage shortfalls in Shasta needed to meet delta requirements this summer. Assuming reservoir storage track close to Reclamation's 50% exceedance forecast, allocations would be 100% for Exchange Contractors and refuges, 55-60% for urban contractors, 5-10% for Ag Service contractors. The upper end of the urban and Ag allocation projections will depend on how strongly Reclamation chooses to factor in the effects of an estimated 200 TAF of rescheduled water for all Districts stored in its San Luis.

2021-22 San Luis Storage Projection

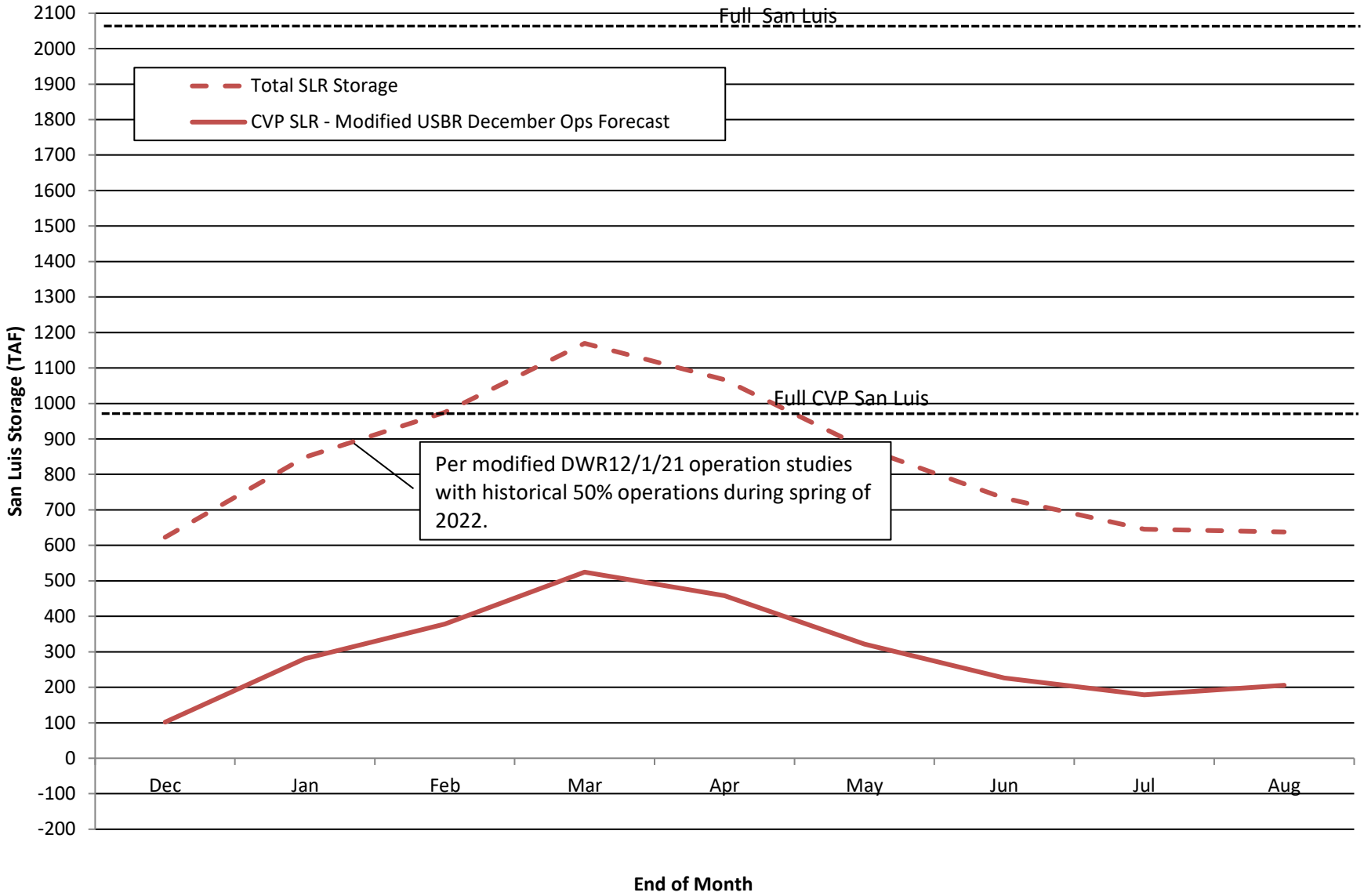
90% Exceedance Hydrology



T. Boardman, WWD
1/5/2022

2021-22 San Luis Storage Projection

50% Exceedance Hydrology



T. Boardman, WWD
1/5/2022

San Luis & Delta-Mendota Water Authority
Monday, January 10, 2022 10:00 a.m.

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

Join ZOOM Meeting
https://us02web.zoom.us/j/88660529442?pwd=T2I2cEdZUmxPNjBkcFVuSTg2SnpDdz09

Meeting ID: 886 6052 9442
Passcode: 624150
One tap mobile
+16699006833,,88660529442#,,,,*624150# US (San Jose)
+12532158782,,88660529442#,,,,*624150# US (Tacoma)

Dial by your location
+1 669 900 6833 US (San Jose)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 301 715 8592 US (Washington DC)
+1 312 626 6799 US (Chicago)
+1 929 436 2866 US (New York)
Meeting ID: 886 6052 9442
Passcode: 624150
Find your local number: https://us02web.zoom.us/u/kfzTvLY4M

In accordance with Government Code section 54953(e) and Resolution 2021-498 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on December 14, 2021, members of the Water Resources Committee/Board and Water Authority staff will be participating in this meeting from multiple locations. This meeting will occur exclusively through Zoom. 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 Water Resources Committee/Board concerning any item on the agenda before or during consideration of that item.

Because the notice provides for a regular telephonic meeting of the Water Resources Committee ("WRC") and a joint regular telephonic 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.

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 December 6, 2021 Meeting Minutes**

5. **Water Resources Committee to Consider Recommendation to Board of Directors to Approve Fiscal Year 2023 Activity Budget**, Barajas

REPORT ITEMS

6. Executive Director's Report, Barajas
   - A. B.F. Sisk Dam Raise and Reservoir Expansion Project
   - B. DMC Subsidence Correction Project
   - C. 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; 6) COVID-19 response

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 – 4 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)

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)

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 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/.

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

December 6, 2021

The Water Resources Committee and Joint Water Resources Committee Regular Telephonic Meeting and Special Board Workshop of the San Luis & Delta-Mendota Water Authority convened at approximately 10:00 a.m. via teleconference in accordance with Government Code section 54953(e) and Resolution No. 2021-492 adopted by the Board of Directors on November 29, 2021, with Committee Chair Tom Birmingham presiding.

Water Resources Committee Members Present

Ex-Officio

Cannon Michael

William Bourdeau

Division 1

Zach Maring, Member - Anthea Hansen, Alternate

Division 2

Bill Diedrich, Member

Division 3

Ric Ortega, Alternate for Chris White

Division 4

Vincent Gin, Member - Jeff Cattaneo, Alternate

Division 5

Tom Birmingham, Member - Manny Amorelli, Alternate

Board of Directors Present

Division 1

Anthea Hansen, Director

Division 2

William Bourdeau, Director

Bill Diedrich, Director

Division 3

Jarrett Martin, Alternate

Cannon Michael, Director

Ric Ortega, Director

Division 4

Jeff Cattaneo, Director

Sara Singleton, Alternate

Division 5

Tom Birmingham, Director

Manny Amorelli, Director

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

Frances Mizuno, Special Projects Administrator

Cathy Bento, Accountant II

Darlene Neves, Operational Accounting Supervisor

Jerry Robbins, Special Programs Manager

Stewart Davis, IT Officer

Others Present

Tom Boardman, Westlands Water District

1. Call to Order/Roll Call

Committee Chair Tom Birmingham 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 November 1, 2021 Meeting Minutes.

Chair Tom Birmingham pronounced the November 1, 2021 meeting minutes approved without

correction.

5. Water Resources Committee to Consider Recommendation to Board of Directors to Adopt Fiscal Year 2023 Objectives

Executive Director Federico Barajas provided a brief overview of this item. Water Policy Director Scott Petersen presented the FY2023 proposed core objective, and three proposed sub-objectives described in the staff memo. The committee discussed the need to add more details to some of the sub-objectives.

After a brief discussion, Ex Officio Member William Bourdeau made the motion to recommend adoption subject to addition of more specific detail as it relates to strategies that will be implemented to achieve the Fiscal Year 2023 Objectives. The motion was seconded by Member Bill Diedrich and passed unanimously. The Committee action is reported as follows:

AYES:	Michael, Bourdeau, Maring, Diedrich, Ortega, Gin, Birmingham
NOES:	None
ABSTENTIONS:	None

6. Discussion Regarding Proposed FY23 Leg Ops Budget.

Executive Director Federico Barajas presented the draft FY23 Activity Agreement Budget focusing on the General Membership and Leg Ops funds. Barajas reviewed the summary sheet included in the packet in order to receive feedback from the Committee in preparation for the Budget Workshop next week. General Counsel Rebecca Akroyd reviewed the legal components of the proposed budget, including the budget for the Deputy General Counsel position, and Policy Director Scott Petersen discussed the science and technical components of the proposed budget.

7. Executive Director's Report.

A. **B.F. Sisk Dam Raise and Reservoir Expansion Project** – Executive Director Federico Barajas reported that staff is working closely with Reclamation to incorporate and address comments received by member agencies. Barajas reported the need to embark upon the next step of the project, which includes identifying the participating agencies. A technical team meeting will be scheduled to discuss and solicit input on next steps.

B. **DMC Subsidence Correction Project** – Barajas reported that the Authority has received a letter from DWR that includes conditional approval for up to $23.8 million for the DMC Subsidence Correction Project. Additional information requested by DWR is due January 5, 2022.

8. Update on Water Policy/Resources Activities.

Water Policy Director Scott Petersen provided a brief summary of his report included in the packet. Petersen reported the State Water Resources Control Board has released a notice of opportunity to comment on a Temporary Urgency Change Petition (TUCP) by the California Department of Water Resources and the United States Bureau of Reclamation (Petitioners) on December 1, 2021, to modify permit and license conditions of the State Water Project (SWP) and the federal Central Valley Project (CVP). Petersen reported that the Petitioners specifically request changes to Delta outflow, San Joaquin River flow, and Delta Cross Channel Gate closure requirements from February 1 through April 30. Petersen reported that the notice also provides advanced notice of a State Water Board public workshop to receive comments on the petition on Wednesday, January 5, 2022, and the deadline to file an objection to the TUCP is 12 p.m. noon on Friday, January 7, 2022. Petersen reported that additional information regarding this matter, including the TUCP and a Notice of the TUCP, is posted on the State Water Board's web page.

Petersen reported that, pursuant to the drought state of emergency declared by Governor Newsom, the State Board has indicated that immediate action is needed to ensure water suppliers and all Californians are taking sufficient actions to conserve water and preserve the State's water supply. Petersen reported that on January 4, 2022, the State Water Board will consider a proposed resolution adopting emergency regulations for water conservation. Petersen reported that written comments are due by 12 noon on December 23, 2021.

Petersen reported that the Central Valley Regional Water Quality Control Board is extending the comment period for comments on proposed Basin Plan Amendments to the Sacramento River Basin and San Joaquin River Basin Plan and the Tulare Lake Basin Plan (collectively, Basin Plans) to add the definitions for Tribal Tradition and Culture (CUL), Tribal Subsistence Fishing (T-SUB), and Subsistence Fishing (SUB) (collectively, Tribal Beneficial Uses (TBUs)). Petersen reported that the Proposed Basin Plan Amendments are adding only the definitions to the Central Valley Water Board's Basin Plans. Petersen reported that designating waters for TBUs will be proposed in separate, future, Basin Plan Amendments. Petersen reported that comments are due no later than 5:00 pm on December 31, 2021.

Petersen reported that the State Water Board staff will be holding a staff workshop on December 15, 2021 regarding Emergency Curtailment Regulations.

9. Update on Water Operations and Forecasts

Westlands Water District's Tom Boardman reported that Shasta storage remains low at

about 1.11 MAF and that storage decreased during the past 3 days due to persistent dry conditions. Folsom storage was reported to be at the 15-year average, but reservoir refill is essentially flat due to very low inflow. Boardman explained the Delta outflow requirement is limiting delta pumping to minimum levels.

Reclamation has completed its payback of 100 TAF that was exchanged between the SWP and CVP during late summer. Boardman reported on current storage in San Luis while mentioning that the CVP share could refill enough under median rainfall to support allocations of 5-15% to ag and 55-65% to urban contractors.

Responding to a question from Director Diedrich, Boardman agreed that it could be argued that the amount of 2022 Project water could be reduced due to how low CVP San Luis storage dropped to meet Reclamation's senior water right obligations south of the Delta.

10. Committee Member Reports.

Chair Tom Birmingham reported that Lance Johnson, long-term Water Resource Engineer, passed away. Birmingham stated that Lance Johnson was always a strong advocate for sound water policy and for irrigated agriculture. Birmingham also noted that Lance Johnson was instrumental in designing and advocating for the Intertie project that he identified in 1992. Birmingham stated that his contributions during his long career will always be appreciated and remembered.

11. Closed Session

Committee Chair Tom Birmingham adjourned the open session to address the items listed on the Closed Session Agenda at approximately 11:23 a.m. Upon return to open session at approximately 11:37 a.m., Chair Tom Birmingham reported that there were no reportable actions taken in closed session.

12. Reports Pursuant to Government Code Section 54954.2

None.

13. Adjournment

The meeting was adjourned at approximately 11:40 a.m.

MEMORANDUM

TO: SLDMWA Water Resources Committee Members and Alternates

FROM: Scott Petersen, Water Policy Director

DATE: January 10, 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 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 sheet[1] 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/

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

- HRM 04-08 Hiring Process-Merit Promotion (comments by 1/17/2022)

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.

State Water Resources Control Board (State Water Board) Activity

Documents out for Comment

Notice of Proposed Rulemaking: Urban Water Use Efficiency and Conservation – Water Loss Performance Standards

Background

Water Code section 10608.34 (added by Senate Bill (SB) 555 of 2015) requires the State Water Resources Control Board (State Water Board) to develop and adopt performance standards for water loss for urban retail water suppliers[2] (URWS or supplier), while considering lifecycle cost accounting. The proposed Water Loss Performance Standards (WLPS or regulation) aim to reduce water loss, reduce the energy and associated greenhouse gas emissions associated with supplying and treating water that is lost to leakage[3], and achieve more efficient water use in California. Additionally, section 10608.34 established water loss reporting for URWS; URWS have been required to report their water loss estimates through annual water loss audits since 2017.

On December 4, 2021, the State Water Board released a proposed water loss performance standards regulation for a 45-day public comment period, which closes at 12:00 pm on February 11, 2022.

[2] "Urban retail water supplier" means a water supplier, either publicly or privately owned, that directly provides potable municipal water to more than 3,000 end users or that suppliers more than 3,000 acre-feet of potable water annually at retail for municipal purposes (Wat. Code, § 10608.12).

[3] California has a high energy consumption associated with water supply, accounting for 20% of total electricity use and 30% of total natural gas consumed in the state (PPIC Water Policy Center, 2016).

According to the State Water Board, the proposed regulation is designed to bring water losses to levels that are cost-effective and feasible for each URWS, and the proposed regulation will support each URWS in planning and implementing water loss control in a cost-effective manner. The intent of the proposed regulation is to identify and require each supplier to reduce leakage to the level of a specific volumetric standard that is based on its own unique characteristics and is cost-effective, while providing each supplier the flexibility to choose any effective approach best suited for its system and budget to meet its standard. Cost savings may be passed on to customers, and URWS supplying water to disadvantaged communities that face burdensome upfront costs will have additional time to comply if their standard requires at least a 25% reduction from their baseline.

On February 10, the State Water Board will conduct a public hearing regarding the subject proposed regulation at the time and place noted below. The public hearing will provide a detailed overview of the proposed regulation, overall framework, timeline, and proposed requirements. At the hearing, any person may present comments orally or in writing relevant to the proposed action described in this notice. The public hearing will be preceded by a staff presentation summarizing the proposed regulation, followed by an opportunity for the public to ask questions. While a quorum of the State Water Board may be present, the Board will not take formal action at the public hearing. This hearing is for the public to provide comments on the proposed regulation. The Board will not take formal action at this public meeting. After consideration of all written and oral comments, the Board is expected to consider adoption of the final regulation in the second quarter of 2022.

2021 Temporary Urgency Change Petition and Sacramento River Temperature Management Plan Approval and 2022 Temporary Urgency Change Petition

Background

2021 TUCP and draft Order

On May 17, 2021, DWR and Reclamation jointly filed a Temporary Urgency Change Petition (2021 TUCP) to temporarily modify terms and conditions in their water right license and permits for the State Water Project and Central Valley Project that require compliance with certain water quality objectives in the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary as required by Revised Decision 1641. On June 1, 2021, the State Water Board's Executive Director issued a TUCP Order conditionally approving the requested changes. The State Water Board received five petitions for reconsideration and numerous objections to the 2021 TUCP Order, which are addressed in the draft Order.

On May 28, 2021, Reclamation submitted a Sacramento River Temperature Management Plan (TMP) for water year 2021 pursuant to Water Right Order 90-5. On June 10, 2021, the State Water Board's Executive Director conditionally approved the TMP. The State Water Board received two

petitions for reconsideration of the June 10, 2021 TMP approval, which are also addressed in the draft Order.

The draft Order denies in part and grants in part the petitions for reconsideration. The draft Order determines that approvals of the 2021 TUCP Order and the Sacramento River TMP were appropriate, based on the information available at the time, and therefore the petitions for reconsideration are primarily denied. However, the draft order imposes additional conditions on DWR and Reclamation's water rights in response to substantial issues raised in the petitions to improve future planning for dry conditions.

The draft Order, written comments received regarding the draft Order, and other related information can be accessed from the State Water Board website at https://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/tucp/.

2022 TUCP

Additionally, on December 1, 2021, the Petitioners (DWR and Reclamation) filed a TUCP (2022 TUCP) with the State Water Board pursuant to California Water Code section 1435 et seq. in order to temporarily change the Petitioners' permit and license terms and conditions for the SWP and CVP that were imposed pursuant to D-1641 and require the Petitioners to meet specified flow and water quality objectives established in the Bay-Delta Water Quality Control Plan. Unless a shorter time period is specified, the changes sought by a TUCP may remain in effect for up to 180 days. An order approving a TUCP may be modified or revoked at the discretion of the State Water Board, and may be renewed.

As described further in the petition, the December 1, 2021 TUCP seeks modifications to D-1641 requirements during the February through April 2022-time period that, if approved, would modify: (1) required Delta outflow levels depending on conditions and forecasts; (2) allowable exports when unmodified D-1641 Delta outflow requirements are not being met; (3) required San Joaquin River flow requirements; and (4) required Delta Cross Channel (DCC) Gate closure requirements. According to the Petitioners, these changes would allow management of reservoir releases on a pattern that conserves upstream storage for fish and wildlife protection and Delta salinity control while providing critical water supply needs. The petition indicates that if sufficient precipitation were to occur to recover upstream storage, then the Petitioners would resume operating consistent with D-1641.

The State Water Resources Control Board (State Water Board or Board) accepted written public comments until noon on January 7, 20 on (1) the draft Order Denying in Part and Granting in Part Petitions for Reconsideration of the Executive Director's June 1, 2021 Order Conditionally Approving a Petition for Temporary Urgency Changes to License and Permit Conditions Requiring Compliance with Delta Water Quality Objectives in Response to Drought Conditions; and the Executive Director's June 10, 2021 Sacramento River Temperature Management Plan Approval

Pursuant to Order 90-5 (draft Order), and (2) the 2022 TUCP. The public comment period closed on January 7, 2022, and the Water Authority submitted a comment letter.

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.[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 resolution[5] 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 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.

[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.

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 documents[6] 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.

On December 8, the State Water Resources Control Board will hear an information item on upcoming actions to update and implement the Water Quality Control Plan for the San Francisco Bay Sacramento San Joaquin Delta.

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.

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.

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

Governance: A nominating committee was formed and presented a slate of Directors to the Executive Committee and Plenary Group to expand the 501c(3) Board to 23 members, with representatives from the following groups: Agriculture Organizations, Water Agencies, White Lands, Local Government, and At Large. A total of 23 Directors were recommended, with 2 slots remaining open for a representative from the northern portion of the San Joaquin Valley and a representative from refuge/environmental interests. Board members have been approved and the new Board will be seated at the inaugural meeting on Tuesday, January 18.

Agriculture: Casey Creamer, CA Citrus Mutual
Ian Lemay, CA Fresh Fruit Association
Geoff Vanden Heuvel, Dairy

Water Agencies: Scott Petersen, San Luis & Delta-Mendota Water Authority
Jason Phillips, Friant Water
Steve Chedester, SJ River Exchange Contractors Water Authority
Vacant (State Water Contractor)

White Lands: Johnny Gailey, Delta View Water Association
Jack Rice, Western Resource Strategies
Deanna Jackson, Tri-County Water Authority

Govt: Augustine Ramirez, Fresno County
Stephanie Anagnoson, Madera County
Paul Boyer, Farmersville

At-Large: Sarah Woolf, Water Wise
Eddie Ocampo, Self-Help Enterprises
Austin Ewell, Ewell Group
Christina Beckstead, Madera County Farm Bureau
Vince Lucchesi, Patterson Irrigation District
Kassy Chauhan, Fresno Irrigation District
Vacant (north Valley or westside)
Vacant (refuge)

Committee Chairs: Scott Hamilton, Ag Economist (Technical Committee)
Mike Wade, CA Farm Water Coalition (Communications Committee)

Outreach & Engagement: The Community Advisory Committee had its first meeting on October 27th it included 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 has been updated.

Technical Committee: It was recommended that the Committee consider and focus on the team of folks that are at the table for the San Joaquin Valley Water Collaborative Action Plan and have established the Phase 1 Report while moving towards Phase 2. Noted this is a major step when looking at trying to balance land retirement with identifying new water sources. Requested that the approach with ESA to develop a regulatory and permitting path forward for the Blueprint look to potentially include the CAP. 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 was held 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.

DAC Drinking Water Feasibility Study – FKC: Participants include Friant Water Authority, Fresno State University, Self Help Enterprises, Sustainable Conservation and Leadership Council for Justice and Accountability 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.

San Joaquin Valley Water Collaborative Action Program (SJVW CAP)

On November 23rd the CAP Plenary (60+) Group met and reviewed the Phase 1 Action Plan framework earlier endorsed by the Planning Group (20+ representing the 5 caucuses) in form. The CAP Work Group Co-Chairs and members prepared the framework over the past 2 months. I know how busy you all are, and I am deeply grateful that CAP participants found the time to develop a powerful Phase 1 Action Plan Framework. The Framework provides the solution set elements recommended by the five CAP Work Groups to accomplish the desired outcomes to resolve those problem areas. Adoption of the Framework by the Plenary Group and its participants would:

- Create a path for CAP participants to work together and greatly increase the pace of assuring all Valley residents have access to safe, reliable, and affordable drinking water.
- Place equal emphasis on demand reduction and supply augmentation to eliminate long-term overdraft and transition the Valley from unsustainable to sustainable water resources management.
- Establish one of the largest initiatives in the country to restore riparian, floodplain, upland, and on-farm habitats.

The Planning Group unanimously approved the Framework at its November 16, 2021, meeting and along with the CAP Management Team and recommended approval by the Plenary Group, which approved the Framework.

Based on the specifics in the Framework and numerous comments received during the past month, the Management Team has developed a draft final CAP Phase 1 Action Plan document which has been distributed to Plenary Group members for a review period. This document was circulated to Water Authority Board Members, Water Resources Committee Members, and General Managers for comment last week for comment. The CAP Management team is requesting that organizations indicate support for the Phase 1 Action Plan by January 14.

San Luis & Delta-Mendota Water Authority
Monday, January 10, 2022, 12:00 p.m.

Notice of Finance & Administration Committee Regular Telephonic Meeting and Joint Finance & Administration Committee Regular Telephonic Meeting-Special Board Workshop

Join Zoom Meeting
https://us02web.zoom.us/j/88403656724?pwd=dm1MRTg2VnZtWDliTFE3dXc3RUJYQT09

Meeting ID: 884 0365 6724
Passcode: 663157
One tap mobile
+16699006833,,88403656724#,,,,*663157# US (San Jose)
+12532158782,,88403656724#,,,,*663157# US (Tacoma)

Dial by your location
+1 669 900 6833 US (San Jose)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 312 626 6799 US (Chicago)
+1 929 436 2866 US (New York)
+1 301 715 8592 US (Washington DC)
Meeting ID: 884 0365 6724
Passcode: 663157
Find your local number: https://us02web.zoom.us/u/kdZH0M588J

In accordance with Government Code section 54953(e) and Resolution 2021-498 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on December 14, 2021, members of the Finance & Administration Committee/Board and Water Authority staff will be participating in this meeting from multiple locations. This meeting will occur exclusive through Zoom. 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 Finance & Administration Committee/Board concerning any item on the agenda before or during consideration of that item.

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

Agenda

1. Call to Order/Roll Call

2. Finance & Administration Committee to Consider Additions or Corrections to the Agenda for the Finance & Administration 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 Finance & Administration 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 Finance & Administration Committee may waive this limitation.

ACTION ITEMS

4. **Finance & Administration Committee to Consider Approval of the December 6, 2021 Meeting Minutes**

5. **Finance & Administration Committee to Consider Recommendation to Board of Directors to Approve Changes to Proposed Fiscal Year 2023 Operations and Maintenance (O&M) Budget**

REPORT ITEMS

6. Review of Proposed Fiscal Year 2023 Activity Budget

7. Review of Bond Financing and Draft Project Agreements for San Luis Transmission Project

8. FY22 Activity Agreements Budget to Actual Report through 11/30/21

9. FY22 O&M Budget to Actual Report through 11/30/21

10. Procurement Activity Report

11. Executive Director's Report, Barajas
    a. DMC Subsidence Correction Project
    b. May include reports on activities within the Finance & Administration 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; 6) COVID-19 response

12. Committee Member Reports

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 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/.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
TELEPHONIC FINANCE & ADMINISTRATION COMMITTEE REGULAR MEETING AND JOINT TELEPHONIC FINANCE & ADMINISTRATION COMMITTEE REGULAR MEETING / SPECIAL BOARD WORKSHOP
MINUTES FOR December 6, 2021

The Finance & Administration Committee of the San Luis & Delta-Mendota Water Authority convened at approximately 12:00 p.m. via teleconference in accordance with Government Code section 54953(e) and Resolution No. 2021-492 adopted by the Board of Directors on November 29, 2021, with Chair Rick Gilmore presiding.

Members and Alternate Members in Attendance

Ex Officio
Cannon Michael

Division 1
Rick Gilmore, Member - Anthea Hansen, Alternate

Division 2
Bobbie Ormonde, Member

Division 3
Jarrett Martin, Alternate for Chris White

Division 4
Sara Singleton, Member - Dana Jacobson, Alternate

Division 5
Bill Pucheu, Member - Manny Amorelli, Alternate

Friant Water Authority
Wilson Orvis, Alternate for Jason Phillips

Board of Directors Present

Division 1
Anthea Hansen, Director
Rick Gilmore, Director

Division 2

None

Division 3
Chris White, Director - Jarrett Martin, Alternate
Cannon Michael, Director

Division 4

Sara Singleton, Alternate

Division 5
Bill Pucheu, Director

Manny Amorelli, Director

Authority Representatives Present

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

1. Call to Order/Roll Call

Chair Rick Gilmore called the meeting to order at approximately 12:00 p.m., and roll was called.

2. Additions or Corrections to the Agenda

No additions or corrections.

3. Opportunity for Public Comment

No public comment.

4. Finance & Administration Committee to Consider Approval of the November 1, 2021 Meeting Minutes.

Chair Rick Gilmore pronounced the November 1, 2021 meeting minutes approved without correction.

REPORT ITEMS

10. FY22 Activity Agreements Budget to Actual Report through 10/31/21.

Director of Finance Joyce Machado reported on the Budget to Actual Comparison Summary through October 31, 2021 for the member-funded activities. Machado stated that for the eight-month period, the budget was trending positive with overall spending through October 31, 2021 at 46.21% of the approved budget

11. FY22 O&M Budget to Actual Report through 10/31/21.

Director of Finance Joyce Machado reported that for WY21 the self-funded routine O&M expenses through October 31, 2021 were under budget by $1,506,358. The WY20 final accountings and the Intertie O&M cost recovery remain outstanding.

12. Procurement Activity Report.

Director of Finance Joyce Machado presented the procurement activity for the period of October 28th through December 1st. On October 29th, the Authority executed a contract change order with Woodard & Curran in the amount of $59,862 for IRWM support for Proposition 1 Round 1 Grant Administration. On November 5th, The Authority executed a contract change order with CDM Smith for the BF Sisk Dam Raise and Reservoir Expansion Project. The change order amount was $386,000. There were no new contracts awarded during this report period.

13. Executive Director's Report.

Executive Director Federico Barajas discussed a recommendation out of the Board of Directors to consider creation of a Capital Projects Reserve account. Barajas then shared a brief outline displaying key projects that could potentially be considered under the reserve account to allow for further discussion and input from the Finance & Administration Committee, such as a need for the reserve account and a plan for the collection of funds. Committee members discussed the list of key projects and the need for a new reserve account.

Next, Barajas referred to Special Projects Administrator Frances Mizuno to present an update on the status of the San Luis Transmission Project. There was discussion in regards to cost to members where Mizuno referred to Lora Carpenter of Fieldman, Rolapp & Associates Inc. to review and briefly summarize the cost of the project versus the breakeven timeline.

14. Committee Member Reports.

No reports given.

15. Reports Pursuant to Government Code Sec 54954.2

No reports given.

16. Agenda Item 13: Adjournment.

The meeting was adjourned at approximately 1:33 p.m.

Family Farm ALLIANCE SM

MEMORANDUM

TO: **SLDMWA BOARD OF DIRECTORS**

FROM: DAN KEPPEN, EXECUTIVE DIRECTOR

SUBJECT: EXECUTIVE DIRECTOR'S REPORT

DATE: JANUARY 10, 2022

This memo is intended to keep you apprised as to what is happening behind the scenes on policy issues the Family Farm Alliance is engaged in. In the past month, much of our efforts have focused on engaging in Biden Administration rulemaking efforts, preparing for our 2022 annual conference, public outreach and speaking engagements. These issues and other matters important to our members are further discussed in this memo.

BIDEN ADMINISTRATION DEVELOPMENTS

1. Recent Appointments

Maria Camille Calimlim Touton last month was sworn in as Bureau of Reclamation Commissioner by Interior Department Secretary Deb Haaland. Ms. Touton has served as Reclamation's Deputy Commissioner since January. The Family Farm Alliance has a long, positive history with Ms. Touton and formally supported her nomination to this position last year. Over the past decade, Ms. Touton has participated in Alliance annual conferences as a speaker or panelist several times. Last February, she led the discussion on the traditional "Reclamation Roundtable" at the Alliance's first ever "virtual" annual conference.

President Biden last month named several top-level appointees for federal posts across the country, including regional administrators at EPA. The White House announced administrators for EPA Regions 6, 7 and 9. Ms. Martha Guzman was named EPA Region 9 Administrator. Its main office is in San Francisco, and it manages agency operations in Arizona, California, Hawaii, Nevada and the Pacific Islands. EPA has 10 regional administrators, which do not require Senate confirmation. Before last week's announcement, the Administration had only named five of them at the agency.

EPA now has two more to fill in its Boston and Seattle offices with an appointed Regional Administrator.

2. Federal Agencies Mobilize to Overhaul Water Infrastructure

Federal agencies are moving fast to using newly enacted funding from the *Infrastructure Investment and Jobs Act* (IIJA) to address aging water and power infrastructure challenges across the country, including the American West. White House infrastructure coordinator Mitch Landrieu has asked governors to appoint state-level point people to drive the implementation of the infrastructure law and promised to give them more guidance later this month. With President Joe Biden's signature on the bipartisan IIJA on November 15, the Family Farm Alliance and others involved with the year-long effort to secure $8.3 billion in Western water infrastructure provisions are now working with the Biden Administration to immediately clear the path for projects that will address critical Western water supply needs. Now, the energies of our infrastructure coalition will be redirected to the agencies overseeing administration of the funds; namely – the Bureau of Reclamation (Reclamation). We want to ensure that most of these dollars are spent on-the-ground for the intended purpose, and we're already working with them to ensure that billions of dollars are spent on new infrastructure in a way that is efficient and effective.

a. Reclamation Opens up Application Period for XM Projects

Reclamation has already initiated the first application period for Extraordinary Maintenance (XM) projects that will address aging water and power infrastructure across the West. Newly enacted funding from the Bipartisan Infrastructure Law will be applied to the program following the new application period requirements set out in the separate Consolidated Appropriations Act of 2021 (Pub. L. 116-260) which became law in December of 2020. With the recent passage of the Bipartisan Infrastructure Law, there is $3.2 billion over five years in the Aging Infrastructure Account to be used for extraordinary maintenance needs. Reclamation's infrastructure is either reserved, which means operated by Reclamation, or transferred, where it is operated by local beneficiary parties through a contract with Reclamation. Both reserved and transferred works are eligible for BIL funding through the application process.

The Family Farm Alliance and others have shared concerns with Reclamation leadership in recent months about finding ways to most efficiently make loans to project beneficiaries to repair aging federal water facilities. A complex and lengthy process will make it very difficult to get the significant funding provided to the aging infrastructure account disbursed in a timely manner. Delays in accessing or distributing funds increases the risk that Congress will claw back unobligated funds in the future, despite the massive and growing needs, and could further delay much needed improvements to aging federally owned water infrastructure in the West. Reclamation appeared to recognize and appreciate many of our concerns, we believe those will be reflected in modified directives and standards that should be rolled out later this month. In the coming months, we'll continue to monitor with our members how this program and application

process works out in the coming year and communicate with Reclamation leadership if challenges arise.

The first application period opened on December 16, 2021—only a month after the BIL was enacted—and it will close on January 31, 2022. I encourage anyone interested in applying for this program to contact your local Reclamation Area Office as soon as possible if you are interested in applying for one of these loans. Reclamation says that analysis of applications from local beneficiaries will take place during the second and third quarters of fiscal year 2022. There will be additional opportunities to apply for funds and extended repayment at least once each year. Reclamation regional and area office staff will reach out to transferred works operators and project beneficiaries in the coming weeks to discuss the application process and collaborate with those interested in submitting funding proposals.

b. EPA Initiates Historic "Single Largest Investment in Water Infrastructure"

The Biden administration last month announced that the U.S. Environmental Protection Agency (EPA) will distribute $7.4 billion to states, tribes and territories for 2022 focused on water infrastructure grants and loan forgiveness. EPA Administrator Michael Regan said in an interview with NBC that it is the "single largest investment in water infrastructure" in the history of the federal government. Mr. Regan is also urging governors to prioritize water infrastructure funds from the bipartisan infrastructure law for environmental justice (EJ) communities, underscoring concerns from top White House officials and their EJ advisors that some states may misuse funds intended for such communities.

3. Treasury Department Issues Final Rule for SLFRF Program

The U.S. Department of Treasury last week issued the much-anticipated Final Rule for the for State and Local Fiscal Recovery Funds (SLFRF) program created in the American Rescue Plan (**P.L No: 117-2**). The ruling provides increased flexibility and simplifies requirements for state and local governments so officials can "focus on responding to the crisis in their communities and maximizing the impact of their funds," the **release** states.

The Treasury Department's final rule will take effect on April 1, 2022 and clarifies or allows for the SLFRF to do several new things. Notably, Treasury broadened eligible water, sewer, and broadband infrastructure projects – understanding the unique challenges facing each state and locality in delivering clean water and high-speed broadband to their communities. The final rule text can be viewed in its entirety **here**. The Treasury Department also included an overview of the **major provisions**. Treasury is hosting a series of webinars to brief and answer questions about the Final Rule:

- January 7, 2022 at 1:00pm ET: **Register here**.
- January 10, 2022 at 4:00pm ET: **Register here**.
- January 12, 2022 at 1:00pm ET: **Register here.**

Recordings for these webinars will be posted on the website as they expect RSVPs to reach capacity.

4. Reclamation Releases $210 million CR Drought Spend Plan

Reclamation last month released their spending plan for the $210 million provided in the Extending Government Funding and Delivery Emergency Assistance Act (P.L. 117-43) FY 2022 continuing resolution (CR). The legislation provided Reclamation with $200 million to address drought conditions throughout the West, as well as $10 million for fire remediation and suppression emergency assistance related to wildfires. Highlights of the funding provided by Reclamation:

- $40 million for the implementation of conserving 500,000+ acre-feet of water over the next two years to stabilize the decline of Lake Mead.
- $1.2 million for the Lower Colorado River Operations Program to initiate coordination of post 2026 operational guidelines and studies related to drought resiliency.
- $61.8 million to California's Central Valley Project to address ongoing drought needs throughout the region.
- $20 million to the WaterSMART Drought Response Program.
- $10 million for drought mitigation activities for Native Americans.
- $22 million for drought-specific projects and activities, such as additional storage facilities for the Mni Wiconi Project (SOUTH DAKOTA) and water conservation improvements for the Yakima River Basin Water Enhancement Project (WASHINGTON).
- $35 million for contingency funding to address the most pressing and emerging drought-related needs as the FY 2022 water year hydrology unfolds.

The drought-stricken Klamath Basin will receive another $10 million in relief funding. The latest funding from the US Bureau of Reclamation adds to $33 million in federal funding secured earlier this year for irrigators, Klamath Tribes, and wetlands important to wildlife.

5. EPA to Release New WOTUS Definition Later in the Year Than Expected

The Biden Administration last fall had proposed a February 2022 timeline for their new Clean Water Act (CWA) definition of jurisdictional "waters of the U.S." (WOTUS), but now is planning to unveil a new definition of what constitutes a WOTUS later in the year. Currently, the Biden Administration has moved to formally rescind the Trump Administration's Navigable Waters Protection Rule (NWPR) and to put back in place pre-2015 CWA regulations informed by past court precedent. This proposed rulemaking is currently out for public comment until February 7, which could be extended. EPA has also announced that they will be holding some stakeholder roundtables on a new WOTUS definitional rule but have not yet released a schedule for these roundtables. The regional roundtable "contest" has many in the water world scratching their heads and scrambling to find partners and put together proposals. We worked with the Arizona and California state Farm Bureaus to fill slots on two regional roundtable proposals.

6. Interior Announces Public Forums on "30x30" Conservation Initiative

The Department of the Interior announced a series of public forums this month as the agency weighs how to best track progress on the Biden Administration's aggressive "30x30" conservation pledge. In an announcement posted in the January 4 ***Federal Register***, Interior says it will host three virtual sessions on January 13, 19 and 21 to take comments on its "American Conservation and Stewardship Atlas" conservation database. The Atlas project, announced in May 2021, is being rolled out in conjunction with the Administration's "America the Beautiful" program, which aims to set aside 30 percent of the nation's lands and waters in a natural state over a 10-year period ending in 2030 ("30x30"). In a year-end report released last month, the Administration acknowledged that it will be at least another year until the database is released, and then only in a "beta" format as the Administration wants to include public input. In addition to the three comment sessions, the *Federal Register* notice will open a 60-day period for written comments commencing on the publication date.

Family Farm Alliance President Patrick O'Toole and I last month participated in a 4-hour working session hosted by Western Landowners Association that featured briefings by Robert Bonnie, (USDA Under Secretary for Farm Production and Conservation), Kate Kelly (Interior Department Deputy Chief of Staff for Policy) and other senior policy officials from the Biden Administration. The overall intent of this workshop was to identify solutions to keep working lands whole and healthy, support and revitalize rural communities, and achieve conservation objectives of the 30 x 30 initiative and other federal initiatives. We have serious concerns that the federal agencies are not prepared to implement this initiative at-scale. Local producers and resource managers must be at the table. Much of the conversation revolved around ongoing conservation measures and which of those warrant inclusion in the conservation atlas.

7. Lawsuit Against Reclamation over Leaking Canal Dismissed

A federal judge has dismissed a rural Nevada town's lawsuit seeking to block the Bureau of Reclamation's plan to renovate a 115-year-old earthen irrigation canal with changes that would eliminate leaking water that residents long have used to fill their own domestic wells. The $148 million project includes lining parts of the Truckee Canal with concrete to make it safer after it burst in 2008, flooding nearly 600 homes in Fernley about 30 miles east of Reno, which would eliminate the waste of federal project water before it gets to farmers downstream. The City of Fernley filed the lawsuit under the National Environmental Policy Act (NEPA) arguing the project is illegal because the government failed to fully consider the environmental impacts of reduced groundwater levels. But the District Court ruled the city lacked legal standing to bring their claims under NEPA because their interests are economic, not environmental.

8. Basin Studies and Water Management Options Pilots

Reclamation is requesting letters of interest from eligible non-federal entities for Basin Studies

and Water Management Options Pilots. Letters of interest are due by February 11, 2022, to the nearest regional office. Through basin studies, Reclamation works with state and local partners to develop projections of future water supply and demand, including the impacts of climate change, and to identify collaborative strategies to ensure sustainable future water supplies in river basins across the Western United States. Since establishing the program in 2009, Reclamation has funded 27 basin studies. Reclamation is also requesting letters of interest for Water Management Options Pilots. These pilots allow Reclamation to work with state and local partners to evaluate solutions to water management challenges by building on completed basin studies. Pilots may include both additional analysis that further develop strategies identified in a basin study and/or efforts to update or expand analysis.

The Basin Study Program is part of WaterSMART – the Department of the Interior's water initiative that uses the best available science to improve water conservation and help water resource managers identify strategies to narrow the gap between supply and demand. To learn more about WaterSMART Basin Studies and to locate contact information for your respective regional office, visit **www.usbr.gov/watersmart/index.html.**

9. National Levee Safety Program

The U.S. Army Corps of Engineers has initiated a partnership with FEMA to develop a new National Levee Safety Program. USACE and FEMA have been entrusted to lead a national discussion and develop an integrated framework for managing reliable levee systems and improving community resiliency in areas behind all levees throughout the Nation.

Since late 2010, Western water managers engaged with the National Committee on Levee Safety (NCLS), a group that was authorized in WRDA 2007 and which included the Corps and FEMA as the only federal agencies represented on the Committee. The Committee was established to deal with post- Katrina flood risk issues, with an emphasis on Corps levees. However, the Committee developed a plan that essentially would apply Corps-level engineering specifications and standards to levees and canal embankments throughout the country, with little to no coordination with the Bureau of Reclamation (Reclamation) and Western water managers. We'll likely monitor the current process, and if necessary, advocate that any federal or transferred water delivery canals or laterals outside of urban areas be exempted from the program and that Reclamation's Urban Canal Safety Program be utilized to address other canal reaches.

Over the next two years as the major components of this program are developed, collaboration with stakeholders will be key to the program's continued success. The list of stakeholders for this program is long and includes states, tribes, local communities, emergency managers, and flood plain managers. The stakeholder engagement activities will be conducted in three phases. The first phase has started and will last until March 31, 2022. For this phase, the agencies are focused on understanding stakeholder needs to help shape the components of this program. All materials related to this approach to develop this program, including specific questions the agencies are seeking feedback on, can be found at **www.leveesafety.org**. You can receive email

announcements about this program by visiting the "Get Involved" page at this site and clicking on "Sign-Up to Receive Email Announcements."

10. Biden Administration Climate Actions

President Biden signed an executive order last month that directs the U.S. government to reduce its greenhouse gas releases by 65 percent by 2030 and make sure buildings and facilities are powered with no carbon energy, with the goal that the U.S. government be "net-zero" on carbon emissions by 2050 and have a zero-emissions vehicle fleet within 13 years. That will mean 300,000 buildings, 600,000 cars and trucks, and $650 billion annual purchases will all need to have a "net-zero" impact on carbon.

The U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) is announcing several new and expanded opportunities for climate smart agriculture in 2022. Updates include nationwide availability of the **Environmental Quality Incentives Program** (EQIP) Conservation Incentive Contracts option, a new and streamlined EQIP Cover Crop Initiative, and added flexibilities for producers to easily re-enroll in the **Conservation Stewardship Program** (CSP). These improvements to NRCS' working lands conservation programs, combined with continued **program opportunities in all states**, are part of the Biden-Harris Administration's broader effort to support climate-smart agriculture.

11. FDA Proposes Produce Safety Regulations

The Food and Drug Administration (FDA) is proposing to amend the agricultural water provisions of the produce safety regulation that covered farms have already found to be complex and challenging to implement. The proposed rule, if finalized, would change certain pre-harvest agricultural water requirements for produce and farms subject to the PSR, other than sprouts operations. Key provisions in the proposed rule include:

- A requirement for farms to manage their agricultural water quality based on the results of a comprehensive systems assessment ("agricultural water assessment") that is adaptable to the wide variety of water sources and uses and future scientific advancements.
- An annual assessment by farms of their pre-harvest agricultural water to identify any conditions likely to introduce hazards into, or onto, covered produce or food contact surfaces. Based on these assessments, farms would then determine whether corrective or mitigation measures are reasonably necessary to reduce the potential for contamination.
- A requirement that farms implement expedited mitigation measures for hazards related to certain activities associated with adjacent and nearby lands, to protect the quality of the water used on produce.
- The removal of certain testing requirements for pre-harvest agricultural water and replacing them with the agricultural water assessments identified above.

Family Farm Alliance representatives and some individual members participated last month in an online seminar on FDA's proposed rule, which was hosted by United Fresh Produce Association in collaboration with PMA, Georgia Fruit & Vegetable Growers Association, Northwest Horticultural Council and Western Growers. Many producers are concerned with the proposed rule, and some are still adjusting to the water testing protocol that was established under another rule adopted in 2015. FDA says it intends to continue working closely with stakeholders to provide necessary training, technical assistance, education and outreach. The agency will hold two virtual public meetings to discuss the proposal and hear feedback, and more details will be announced in a forthcoming Federal Register notice. In addition, the agency is also developing an online tool to assist growers in understanding agricultural water assessments. More information is available at **https://www.fda.gov/food/food-safety-modernization-act-fsma/fsma-proposed-rule-agricultural-water**.

The Alliance will work with Western Growers and other allies as we develop comments for FDA, and we're encouraging our members to engage in this process and also submit individual comments. We'll also be considering ways to make it easier for producers to determine exactly what they must do to reach compliance with the proposed rule. Electronic or written comments on the proposed rule must be submitted to FDA by April 5, 2022.

DEVELOPMENTS IN CONGRESS

12. Fate of BBB/FY2022 Spending Bills in Flux

Negotiations continue with Senate moderate Joe Manchin (D-WV) on the Biden Administration's signature $1.7 trillion *Build Back Better Act* (BBB) that has stalled in Congress over his objection. With a 50-50 Senate and no Republicans in support of BBB, the legislation will need the vote of every member of the Democratic Caucus to pass (with Vice President Harris breaking the tie vote).

Democrats are still hoping to use the coming weeks to negotiate a bill the West Virginia senator could support in a party-line vote. Meanwhile, Senate Majority Leader Chuck Schumer (D-NY) has said he will bring BBB up for a potentially doomed vote in the Senate regardless of Sen. Manchin's objections to put lawmakers on the record, and has also promised action on Democrats' voting rights legislation, including a debate on whether to change Senate 60-vote filibuster rules to make it happen on or before January 17.

Congress will also be working on an omnibus spending package for FY 2022, with a goal of finishing by February 18 when the current stopgap continuing resolution (CR) funding measure expires. At stake are increased spending levels promoted by the Biden Administration to provide new money for environmental justice programs, more federal workers at climate agencies, a Civilian Climate Corps and climate resiliency, among other priorities. Democrats and Republicans, however, have been unable to agree on overall spending levels which has stalled progress on the 12 FY 2022 appropriations bills.

13. House Bill Would Open Access to WaterSMART Funds to Tribes

A bipartisan contingent from mostly Western states, led by Rep. Melanie Stansbury (D-NM), have introduced the "*WaterSMART Access for Tribes Act*," a bill that would allow the Secretary of the Interior to reduce or waive the Bureau of Reclamation's WaterSMART cost-share requirement for tribal nations. This would help tribal communities access more federal financial support for critical water projects through the Interior Department. Co-sponsors include Reps. Teresa Leger Fernandez (D-NM), Steven Horsford (D-NV), Ruben Gallego (D-AZ), Tom Cole (R-OK), Joe Neguse (D-CO), Grace Napolitano (D-CA), Jim Costa (D-CA) and Jared Huffman (D-CA).

The WaterSMART program uses several water conservation authorities through Reclamation to provide cost-shared grants to support water conservation, water-use efficiency, drought planning, and water reuse and recycling projects. But according to the bill's sponsors, fewer than 5 percent of the projects funded under the WaterSMART program since 2010 have been led by tribes or pueblos.

14. Western Senators Introduce Bill on ESA Transparency

Sen. Cynthia Lummis (R-WYOMING) along with Senators John Barrasso (R-WYOMING), Jim Risch (R-IDAHO), and Mike Crapo (R-IDAHO) last month introduced the *State, Tribal, and Local Species Transparency and Recovery Act* (S. 3315). The legislation would amend the federal Endangered Species Act (ESA) to require federal agencies, including the U.S. Fish and Wildlife Service, to provide states, counties, and tribes with the scientific reasoning behind ESA determinations. The bill would also require federal agencies to use up-to-date research when making decisions about wildlife protected under the ESA, including information that states, tribes, and other stakeholders provide them. The bill was previously sponsored by the late Senator Mike Enzi (R-WYOMING) in the last Congress. The Family Farm Alliance has supported similar legislation in previous Congresses. We continue to believe that collaboration and consultation with states and private stakeholders as partners are needed to meet the objectives of the ESA. At the same time, the focus of reforming the ESA should emphasize that the law is applied consistently and without conflict of interest.

ALLIANCE INTIATIVES

15. 2022 Annual Meeting and Conference

The 2022 Family Farm Alliance Annual Conference is set for February 24-25, 2022 at the Silver Legacy Resort in Reno (NEVADA). Registration information is available on our website: **www.familyfarmalliance.org**. We're planning on an in-person event, although the COVID-19 Omicron variant has folks nervous, especially on the East Coast. We'll definitely have engagement from Congress and the Biden Administration, although some of the speakers may participate via ZOOM, including Reclamation Commissioner Camille Touton, who is expecting her third child that week. Conference highlights include:

- **Reclamation Roundtable** featuring U.S. Bureau of Reclamation Commissioner Camille Touton, Regional Directors, and other top Reclamation officials.
- **A Look at D.C. From the Hill:** Mark Limbaugh moderates this panel of Democrat and Republican staff from key congressional water committees.
- **Report from Glasgow:** Hear from Alliance President Pat O'Toole and other leaders of Solutions from the Land who served as delegates at COP26.
- **The Western Water Infrastructure Coalition** "behind the scenes" of the effort that succeeded in achieving $8.3 billion for Western water infrastructure.
- **Colorado River:** Hear how agricultural water interests from the Continental Divide to the Mexican border are helping decision-makers facing shortages due to drought and over-allocation.
- **Innovation in Western Water Management**.
- **Plus, Western regulatory and litigation updates, appearances by top Biden Administration appointees, and much, much more!**

The full agenda will be shared as we approach the date of the conference.

16. <u>On the Road Again</u>

Alliance President Patrick O'Toole and I will be speaking later this week at the Four States Irrigation Council annual conference in Fort Collins (COLORADO). This conference brings in attendees from the Platte River watershed in Colorado, Kansas, Nebraska and Wyoming. While on the road, I'll also make a virtual presentation to the East Valley Water District (OREGON).

Mark Limbaugh - our representative in Washington, D.C. – and I will participate in a panel discussion later this month at the Mid-Pacific Water Users Conference in Reno (NEVADA) with John Watts (Senator Feinstein's leg director) and Kiel Weaver (House Resources Committee Republican senior advisor) to talk about Western water developments on Capitol Hill. I've served on the planning committee for the MP conference since 1999!

This is a quick summary of just a few of the issues the Alliance has been engaged in. Please do not hesitate to contact me at ***dan@familyfarmalliance.org*** *if you would like further information about what the Alliance is doing to protect water for Western irrigated agriculture.*