



**San Luis & Delta-Mendota Water Authority
Monday, November 6, 2023, 12:00 p.m.**

**Notice of Finance & Administration Committee Regular Meeting and
Joint Finance & Administration Committee Regular Meeting-Special Board
Workshop**

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

Public Participation Information

Join Zoom Meeting

<https://us02web.zoom.us/j/81142535610?pwd=aGFScQmx3Wkkra0hqUTBWOWFDNjRPQT09>

Meeting ID: 811 4253 5610

Passcode: 075402

One tap mobile

+16694449171,,81142535610#,,,,*075402# US

+16699006833,,81142535610#,,,,*075402# US (San Jose)

Dial by your location

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• +1 669 900 6833 US (San Jose)

Find your local number: <https://us02web.zoom.us/j/81142535610?pwd=aGFScQmx3Wkkra0hqUTBWOWFDNjRPQT09>

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 meeting of the Finance & Administration Committee ("FAC") and a joint regular 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.

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

Agenda

1. Call to Order/Roll Call
2. 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 September 11, 2023 Meeting Minutes**
5. **Finance & Administration Committee to Consider Recommendation to Board of Directors to Accept the Treasurer's Report for the Quarter Ending September 30, 2023, Tarka**
6. **Finance & Administration Committee to Consider Recommendation to Board of Directors to Adopt Resolution Authorizing Application for Extended Repayment and Funding in the Amount of up to \$873.1M from the Aging Infrastructure Account in Fiscal Year 2024 for Extraordinary Maintenance Work on O'Neill Pumping-Generating Plant and the Delta-Mendota Canal, Arroyave**
7. **Finance & Administration Committee to Consider Recommendation to Board of Directors Regarding Emergency Reserve Fund Expenditure Repayment, Arroyave**
8. **Finance & Administration Committee to Consider Recommendation to Board of Directors to Approve the Proposed Fiscal Year 2025 OM&R Budget, including Routine OM&R and Extraordinary OM&R/Capital Improvement Project Budgets, Arroyave**

REPORT ITEMS

9. FY24 Activity Agreements Budget to Actual Report through 9/30/23
10. FY24 O&M Budget to Actual Report through 9/30/23
11. Procurement Activity Reports
12. Executive Director's Report, Barajas
(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)
13. Committee Member Reports
14. Reports Pursuant to Government Code Section 54954.2(a)(3)
15. ADJOURNMENT

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

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

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
FINANCE & ADMINISTRATION COMMITTEE REGULAR MEETING AND
JOINT FINANCE & ADMINISTRATION COMMITTEE REGULAR MEETING-SPECIAL
BOARD OF DIRECTORS WORKSHOP
MINUTES FOR SEPTEMBER 11, 2023**

The Finance & Administration Committee of the San Luis & Delta-Mendota Water Authority convened at approximately 12:00 p.m. at 842 6th Street in Los Banos, California, with Chair Anthea Hansen presiding.

Members and Alternate Members in Attendance

Ex Officio

Cannon Michael
William Bourdeau

Division 1

Anthea Hansen, Member

Division 2

Justin Diener, Member

Division 3

Chris White, Member - Jarrett Martin, Alternate

Division 4

Joyce Machado, Member - Dana Jacobson, Alternate

Division 5

Absent

Friant Water Authority

Wilson Orvis, Alternate for Jason Phillips

Board of Directors Present

Division 1

Anthea Hansen, Director

Division 2

Justin Diener, Alternate

William Bourdeau, Vice-Chair/Director

Division 3

Chris White, Alternate
Jarrett Martin, Director
Cannon Michael, Chair/Director

Division 4

Steve Wittry, Director
Joyce Machado, Alternate

Division 5

Absent

Authority Representatives Present

Federico Barajas, Executive Director

Pablo Arroyave, Chief Operating Officer
Scott Petersen, Water Policy Director
Rebecca Akroyd, General Counsel
Rebecca Harms, Deputy General Counsel
Raymond Tarka, Director of Finance
Lauren Viers, Accountant III
Jaime McNeill, Engineering Manager
Stewart Davis, IT Officer

Others in Attendance

Vince Gin, Valley Water
Bobbie Ormonde, Westlands Water District (ZOOM)

1. Call to Order/Roll Call

Chair Anthea Hansen 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 August 7, 2023 Meeting Minutes.

Chair Anthea Hansen deemed the August 7, 2023 minutes approved without correction.

5. Finance & Administration Committee to Consider Recommendation to Board of Directors to Authorize Award of Contract, Execution of Construction Agreement for O'Neill Pumping-Generating Plant Water Storage Tank Rehabilitation, and Expenditure of up to \$220,000 from the FY 2024 EO&M Budget; CEQA Exemption.

Chief Operating Officer Pablo Arroyave introduced the item, and reviewed the memo included in the packet. Arroyave then referred to Engineering Manager Jaime McNeill who provided further background on the project. McNeill noted that the project was originally intended to be completed in-house but the Authority does not currently have the resources to do so. McNeill also stated that there is no expected impact to operations during this project.

On a motion of Alternate Member Wilson Orvis, seconded by Member Justin Diener,

the Committee adopted a recommendation for award of contract, execution of construction agreement for O'Neill Pumping-Generating Plant water storage tank rehabilitation, and expenditure of up to \$220,000 from the FY 2024 EO&M Budget and CEQA Exemption. The vote on the motion was as follows:

AYES:	Michael, Bourdeau, Hansen, Diener, White, Machado, Orvis
NAYS:	None
ABSTENTIONS:	None

REPORT ITEMS

6. FY23 Activity Agreements Budget to Actual Report through 7/31/2023

Director of Finance Raymond Tarka presented the Budget to Actual Report through July 31, 2023 for the Activity Agreement funds. Tarka stated that for the five-month period, the budget was trending positive overall with actual spending through July 31, 2023 at 27.17% of the approved budget.

7. FY23 O&M Budget to Actual Report through 7/31/23

Director of Finance Raymond Tarka reported that for WY23, the self-funded routine O&M expenses through June 30, 2023 were over budget by \$90,505. This is mainly due to additional operating costs at the Intertie and the Lower Pool. The water year 2022 final accountings, fiscal year 2023 audit, and the Intertie OM&R true-up remain outstanding.

8. Procurement Activity Report

Director of Finance Raymond Tarka presented the procurement activity report for the period of August 1st through August 31st. On August 15th, the Authority awarded a contract to Talley Oil, Inc. for DMC road maintenance chip seal. The contract amount was \$310,230 and the funding source is the EO&M budget. One contract change order was issued on August 4th to Terracon Consultants, Inc. in the amount of \$173,527.80 for DMC Subsidence Mitigation Geotechnical Exploration.

9. Executive Director's Report

Executive Director Federico Barajas provided updates to the committee.

- a. O&M Budget – Barajas stated the O&M budget process is underway, with the Authority planning the first O&M technical committee meeting for October.
- b. Yuba Tour – Barajas stated that the Authority will be providing a tour for the Yuba

Water Agency to show the importance of their water transfers and how they benefit Authority member water users.

10. Committee Member Reports

No reports.

11. Reports Pursuant to Government Code Sec 54954.2

No reports.

12. Adjournment.

The meeting was adjourned at approximately 12:26 p.m.



MEMORANDUM

TO: Finance & Administration Committee

FROM: Raymond Tarka, Treasurer/Director of Finance

DATE: November 6, 2023

RE: Quarter Ending September 30, 2023 Treasurer's Report

ISSUE

Whether the Finance & Administration Committee should recommend to the Board of Directors that it accept the Treasurer's Report for the quarter ending September 30, 2023.

RECOMMENDATION

Staff recommend that the Finance & Administration Committee recommend to the Board of Directors that it accept the Treasurer's Report for the quarter ending September 30, 2023.

DETAIL

This Treasurer's Report was prepared in accordance with the Investment Policy for the San Luis & Delta-Mendota Water Authority (adopted via Resolution No. 2013-367) and California Government Code sections 6505.5(e) and 53646(b).

Consistent with the Water Authority's Investment Policy and Government Code requirements, the Water Authority hereby makes the following statements:

- The Water Authority's investments are in compliance with the Investment Policy;
- All required O&M rate conveyance payments and Membership Dues are being received timely, with few exceptions, rendering the Water Authority able to meet its expenditure/cash demand requirements for the next six months.
- Additional Disclosures: In August, 2023, \$9MM was transferred from LAIF, which was yielding 3.52%, to the CalTrust liquidity fund, yielding 5.47%. The annualized additional earnings at this rate difference approximates \$192,000. It is within the guidelines of the Authority's investment policy to invest in either or both of these investment choices without regard to a dollar limit.

Appendix 1 to this Report includes the most recent statements from LAIF, CalTRUST and other banks holding Water Authority funds. Appendix 1 is available upon request.

San Luis & Delta-Mendota Water Authority

Treasurer's Report

Quarter Ended September 30, 2023

Page 2 of 3

Prepared by: D. Ratliff

HOLDINGS REPORT BY INVESTMENT TYPE

	Maturity	Positions Value	Market Price	Market Value	Unrealized Gain/(Loss)	Average Qtr Yield @9/30/23	Yield 9/30/2023	Yield 8/31/2023	Yield 7/31/2023
CASH									
CVCB - Checking - Sweep	Daily	\$ -		\$ -					
CVCB - Payroll	Daily	\$ 5,000.00		\$ 5,000.00					
CVCB - Transactional	Daily	\$ 448,661.66		\$ 448,661.66		0.750%	0.750%	0.750%	0.750%
CVCB - Muni	Daily	\$ 2,214,915.85		\$ 2,214,915.85		0.750%	0.750%	0.750%	0.750%
CVCB - Money Market	Daily	\$ 216,044.60		\$ 216,044.60		3.200%	3.200%	3.200%	3.200%
LOCAL AGENCY INVESTMENT FUND (LAIF)	Daily	\$ 174,600.39	1	\$ 174,600.39		1.350%	3 3.480%	3.520%	3.390%
CalTRUST - Short Term	Next Day	\$ 525,260.65	2	\$ 525,264.89	\$ 4.24	5.160%	5.190%	5.150%	5.140%
CalTRUST - Medium Term	Monthly	\$ 476,383.13	2	\$ 478,365.13	\$ 1,982.00	4.893%	4.970%	4.870%	4.840%
CalTRUST - Black Rock Fed	Daily	\$ -		\$ -	\$ -				
CalTRUST - Liquidity	Daily	\$ 21,549,147.33		\$ 21,549,147.33	\$ -	5.333%	5.460%	5.470%	5.070%
CalTRUST - Black Rock (LEAF)	Daily	\$ -		\$ -	\$ -				
TOTAL OPERATIONAL CASH		\$ 25,610,013.61		\$ 25,611,999.85	\$ 1,986.24				

OTHER

OM&R Project

US Bank - Series 2021A Bond Reserve Fund	2045	\$ 454,667.89		\$ 454,667.89					
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Notes:

The year-to-date weighted average yield on all funds invested or maintained in financial institutions/Federal Securities is 0.63% (this considers the interest rates trend since January).

1. LAIF: Average Life of Portfolio (Average Maturity in days) is 304 days or 0.83 years.
2. CalTRUST: Average Life of Portfolio is 0.91 years for short term (ST) and 2.26 years for medium term (MT).
3. Quarter Ending 9/30/23 LAIF Apportionment Rate.

San Luis & Delta-Mendota Water Authority

Treasurer's Report

Quarter Ended September 30, 2023

Detail to Support Report
 Page 3 of 3
 Prepared by: D. Ratliff

CASH

Central Valley Community Bank (CVCB)

	1	2	3	4	5
	6/30/2023				9/30/2023
	Beginning Balance	Deposits or Transfer IN	Draws or Transfer OUT	Change in Value	Ending Balance
	Market Value				Market Value
CVCB - Checking - Sweep	\$ -			N/A	\$ -
CVCB - Payroll	\$ 5,000.00	\$ 700.00	\$ (700.00)	N/A	\$ 5,000.00
CVCB - Transactional	\$ 11,849,931.78	\$ 38,504,327.38	\$ (49,905,597.50)	N/A	\$ 448,661.66
CVCB - Muni	\$ 2,210,779.42	\$ 4,136.43		N/A	\$ 2,214,915.85
CVCB - Money Market	\$ -	\$ 8,024,264.60	\$ (7,808,220.00)	N/A	\$ 216,044.60
Local Agency Invest. Fund-State of Ca.	\$ 9,630,043.70	\$ 44,556.69	\$ (9,500,000.00)	N/A	\$ 174,600.39
<u>Investment Trust of California (CalTRUST)</u>					
CalTRUST - Short Term	\$ 519,037.21	\$ 6,231.92	\$ -	\$ (4.24)	\$ 525,264.89
CalTRUST - Medium Term	\$ 476,056.34	\$ 4,290.78	\$ -	\$ (1,981.99)	\$ 478,365.13
CalTRUST - Black Rock Fed	\$ 7,148,442.50	\$ -	\$ (7,148,442.50)		\$ -
CalTRUST - Liquidity	\$ 4,137,418.85	\$ 23,611,728.48	\$ (6,200,000.00)		\$ 21,549,147.33
CalTRUST - Black Rock (LEAF)	\$ 7,160,150.35	\$ -	\$ (7,160,150.35)	\$ -	\$ -
TOTAL- OPERATIONAL CASH	\$ 43,136,860.15	\$ 70,200,236.28	\$ (87,723,110.35)	\$ (1,986.23)	\$ 25,611,999.85

Other

US Bank-Series 2021A Reserve Fund-OM&R Project	\$ 459,288.75	\$ 5,613.89	\$ (10,234.75)	\$ -	\$ 454,667.89
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- 1 Beginning Balance = Market Value at end of previous quarter
- 2 Deposits or Transfers IN = O&M collections, Membership collections, Interest and Other Revenue, and also includes Transfer IN from Other SLDMWA Accounts
- 3 Draws or Transfers OUT = O&M and Membership paid expenditures, and also Transfers OUT to Other SLDMWA Accounts
- 4 Change in Value = CalTRUST Investment is based on share price, change in price results in change in value
- 5 Ending Balance = Market Value at end of current quarter



MEMORANDUM

TO: SLDMWA Finance and Administration Committee, Board of Directors, Alternates

FROM: Pablo Arroyave, Chief Operating Officer

DATE: November 9, 2023

RE: Resolution Authorizing Application for Extended Repayment and Funding in the Amount of up to \$873.1M From the Aging Infrastructure Account in Fiscal Year 2024 for Extraordinary Maintenance Work on O'Neill Pumping-Generating Plant and the Delta-Mendota Canal

BACKGROUND

The 2021 Bipartisan Infrastructure Law (BIL) authorized \$3.2 billion for extraordinary maintenance (XM) of Reclamation facilities. These funds are available to both reserved and transferred works facilities and will be administered through the Aging Infrastructure Account (Account), a Reclamation-wide revolving fund created to sustain investment in XM. The Water Authority submitted BIL applications in December 2022 for the Jones Pumping Plant Excitation and Control Modernization Project and for the DMC Subsidence Correction Project, and was awarded \$25 million for each project. Reclamation's FY 2024 Spend Plan authorizes \$680 million from the Account through a competitive funding process with the application period open from October 3, 2023 until December 1, 2023. Reclamation has indicated that there will be four additional application periods for a total available between federal FY 2023 and FY 2027 of approximately the \$3.2B authorized in the BIL.

As a transferred works entity, the Water Authority may apply for funds to support XM of transferred works facilities. Each individual project for which an application is submitted will be evaluated independently, and there is no guarantee of any project or projects being selected for award. Projects that are selected will follow the established reimbursability and terms for extended repayment, not to exceed 50 years. Projects will be selected in, or around, March 2024. Following selection, the recipients will be required to negotiate and execute repayment contracts with Reclamation.

The Water Authority has evaluated its existing 10-Year Plan and established criteria to help inform the selection of projects for inclusion in the application. The criteria include:

1. Projects that have an appraisal level cost estimate completed;
2. Multi-Year Projects over \$1M/year; and/or
3. Single-Year Projects over \$1.5M

Two EO&M projects meet this criteria for Fiscal Year 2025:

- Delta-Mendota Canal (DMC) Subsidence Correction Project: Total project cost is currently estimated at \$830M. (Note: Reclamation awarded \$25 million to this project in 2022, and has indicated that the Water Authority should reapply to be eligible for additional BIL funding.)
- O'Neill Pumping-Generating Plant (OPP) Upgrades Project: Total project cost for all projects at OPP is currently approximately \$68.1 million. Further refined cost estimates are due to the Bureau of Reclamation in January 2024. The following projects have been identified and incorporated into the OPP Upgrades Project: 1. OPP Rewind, 2. OPP Pump Bowl Replacement, 3. OPP Woodward Governor Rehabilitation, and 4. OPP Penstock and Pump Unit Rehabilitation.

ISSUE FOR DECISION

Whether the Board of Directors should adopt the proposed Resolution authorizing application for extended repayment and funding in the amount of up to \$873.1 million from the Aging Infrastructure Account in Fiscal Year 2024 for extraordinary maintenance work on the DMC Subsidence Correction Project and the O'Neill Pumping-Generating Plant Upgrades Project.

RECOMMENDATION

Water Authority Staff recommends adoption of the proposed Resolution.

ANALYSIS

The application process is described in Reclamation Directive and Standard (D&S) PEC 05-03 (attached). If one or all of the proposed projects is selected, the Water Authority must be willing to negotiate and execute a contract or contracts for extended repayment of funds. The Water Authority would seek at least a 30-year repayment term and would explore additional repayment terms with Reclamation during the application review process. Per Reclamation staff, per D&S PEC 11-01, *Irrigation Ability to Pay Analysis*, an Ability to Pay Study is required for any repayment term greater than 30-years. Any repayment contract would be brought to the Water Authority Board of Directors for future review and action.

Per Section 8E **Acreage Limitation**, on page 8 of D&S PEC 05-03, extended repayment of O&M expenses does **not** trigger Reclamation Reform Act pricing or acreage limitations.

ATTACHMENTS

1. Resolution Authorizing Application for Extended Repayment and Funding in the Amount of up to \$873.1M From the Aging Infrastructure Account in Fiscal Year 2024 for Extraordinary Maintenance Work on O'Neill Pumping-Generating Plant and the Delta-Mendota Canal
2. Applicant Cover letter template
3. Reclamation Directive and Standard (D&S) PEC 05-03

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

RESOLUTION NO. 2023-xxx

RESOLUTION AUTHORIZING APPLICATION FOR EXTENDED REPAYMENT AND FUNDING IN THE AMOUNT OF UP TO \$873.1M FROM THE AGING INFRASTRUCTURE ACCOUNT IN FISCAL YEAR 2024 FOR EXTRAORDINARY MAINTENANCE WORK ON O'NEILL PUMPING-GENERATING PLANT AND THE DELTA-MENDOTA CANAL

WHEREAS, the San Luis & Delta-Mendota Water Authority (“**Water Authority**”) is a transferred works operator responsible for the operation, maintenance, and replacement (“**OM&R**”) of certain Central Valley Project (“**CVP**”) facilities, including the O’Neill Pumping-Generating Plant (“**OPP**”), which moves water between the Delta-Mendota Canal (“**DMC**”) into the O’Neill Forebay; and the DMC, a 116.5-mile long canal that carries water from the Delta near Tracy to the Mendota Pool, about 30 miles west of Fresno; and

WHEREAS, the OPP was constructed in 1968, and the U.S. Bureau of Reclamation (“**Reclamation**”) has determined that the unit pump bowls are at the end of their useful life and recommended for replacement per Technical Memorandum dated October 7, 2019, with Subject Line “San Luis Delta Water Authority – O’Neill Pumping Plant Pump Bowl Modification – Delta Division – Central Valley Project (CVP), California;” and

WHEREAS, the Water Authority and Reclamation have worked closely to plan four extraordinary maintenance projects for OPP, including the OPP rewind, OPP pump bowl replacement, OPP Woodward Governor rehabilitation, and OPP penstock and pump unit rehabilitation (together, the “**OPP Upgrades Projects**”); and the preliminary construction cost estimate for all projects is \$68.1 Million; and

WHEREAS, the DMC has experienced significant land subsidence that has resulted in a reduced conveyance capacity and the Water Authority and Reclamation are working closely to develop and further the DMC Subsidence Correction Project, and the feasibility level construction cost estimate is \$830 Million; and

WHEREAS, the Water Authority was awarded \$25 million in Bipartisan Infrastructure Law (“**BIL**”) funding in FY23 for the DMC Subsidence Correction Project and has begun the negotiation procedures to determine the terms of the repayment contract; and

WHEREAS, the Water Authority is now pursuing all possible financing options, including reasonable cost share provisions, or non-reimbursable funding, with which to pay the cost of extraordinary maintenance at the OPP and the DMC; and

WHEREAS, the Water Authority is authorized to fund and negotiate contracts for the repayment of extraordinary maintenance projects; and

WHEREAS, Congress provides federal funding for extraordinary maintenance work by means of discretionary and mandatory appropriations and, with the addition of the Aging

Infrastructure Account, federal funding will also be provided by repayment amounts from extraordinary maintenance contracts that were funded by the Aging Infrastructure Account; and

WHEREAS, if the OPP Upgrades Project and/or the Delta-Mendota Canal Subsidence Correction Project are/is selected to receive extended repayment and funding from the Aging Infrastructure Account in Fiscal Year 2023, the Water Authority would proceed in negotiating a contract for extended repayment of funds, and the contract would be brought to the Water Authority Board of Directors for review and action; and

WHEREAS, authorizing application for funding for extraordinary maintenance and negotiation of a repayment contract with the United States do not constitute a project or projects under the California Environmental Quality Act (“CEQA”) because the proposed actions represent administrative actions of the Water Authority that will not result in direct or indirect physical changes in the environment (CEQA Guidelines Section 15378(b)(5)); further, because it can be seen with certainty that there is no possibility that the proposed actions in question may have a significant effect on the environment, the proposed action is not subject to CEQA (CEQA Guidelines section 15061(b)(3)); further, future CEQA review will be completed prior to approval or any construction of the extraordinary maintenance in question.

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 authorizes the Executive Director to submit an application on behalf of the Water Authority for Extended Repayment and Funding from the Aging Infrastructure Account in Fiscal Year 2024 for two projects, the O’Neill Pumping-Generating Plant Upgrade Project and the Delta-Mendota Canal Subsidence Correction Project.

Section 3. The Executive Director and Chief Operating Officer, and such Water Authority employee or consultant as either of such officers may designate, are further authorized and directed to enter into negotiations with the United States for a repayment contract or repayment contracts, with the expectation that any such contract will be presented to the Board of Directors for approval.

Section 4. The Executive Director and Chief Operating Officer, and such Water Authority employee or consultant as either of such officers may designate, are further authorized and directed to take such additional steps, and to execute such additional documents, as may be required or reasonably necessary to the completion of the activities authorized by this Resolution.

PASSED, APPROVED AND ADOPTED this 9th day of November, 2023, 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. 2023-___ 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 9th day of November, 2023.

Federico Barajas, Secretary

[Date]

[Name]

[Title]

[Organization]

[Address]

[City, State, Zip Code]

Subject: Application for Funding from the Aging Infrastructure Account in FY 2024,
[District/Association/Entity Name] [(Abbreviated Name)], [Reclamation Project], [State]

[Abbreviated Name] is a transferred works operator responsible for reimbursable costs of operating and maintaining [Reclamation Facility or Facilities]. We are formally applying for [Funding Request in \$] from the Aging Infrastructure Account (Account) in FY 2024 for extraordinary maintenance (XM) work on [Reclamation Facility or Facilities] (XM Project).

The estimated cost of the XM Project is based on [attached cost estimate documentation]. This funding will be used to [short, high-level description of activities for which funding is requested].

We understand that compliance with Federal environmental laws and regulations is required for the XM Project before any funding allocations can be made.

We request an advancement of funds from the Account for the proposed XM work. If the work is selected for funding from the Account and Reclamation advances funds, [Abbreviated Name] understands there is an obligation to repay our share of the reimbursable costs and that we will be required to sign a contract for extended repayment of the funds. We acknowledge that the [Facility or Facilities] transferred works would be using the funds to perform justified XM work.

We understand that Reclamation has the authority to fund and negotiate contracts for the repayment of XM projects. We have worked with your staff to satisfy the application and eligibility requirements.

We have evaluated the following non-Federal funding options:

[List any non-Federal funding options evaluated]

None of these options were feasible due to [explanation for infeasibility].

We have also attached [# of years of financial records (minimum of 1 year: the prior year)] and the fiscal operating budget for [Abbreviated Name]. This constitutes our financial justification for extended repayment by demonstrating that the costs of the work are greater than 10 percent of the operating entity's annual O&M budget for the facility or at least \$100,000 in total.

We request a repayment term of [requested repayment period] years. We confirm that the proposed work is major, non-recurring maintenance to ensure the continued safe, dependable, and reliable delivery of authorized project benefits.

Please accept this letter and application to request funding from the Account.

[Required: Electronic/Wet Signature with Date Stamp]

Reclamation Manual

Directives and Standards

Subject:	Extended Repayment of Extraordinary Maintenance Costs
Purpose:	To state requirements for repayment of extraordinary maintenance work. The benefit of this Directive and Standard is consistent and budget-conscious application of the relevant authorities by Bureau of Reclamation staff.
Authority:	The Reclamation Act of June 17, 1902 (32 Stat. 388), as amended and supplemented, in particular, Title IX, Subtitle G of Pub. L. 111-11, and Title XI, Section 1101 of Pub. L. 116-260 (43 U.S.C. § 510, et seq.) (XM authority).
Approving Official:	Director, Policy and Programs
Contact:	Reclamation Law Administration Division (84-55000)

1. **Introduction.** Pub. L. 111-11 authorizes Reclamation to fund extraordinary maintenance (XM) work and execute contracts for extended repayment of the reimbursable costs. Pub. L. 116-260 expanded the authority by establishing the Aging Infrastructure Account (Account), requiring an annual application process and a Congressional reporting requirement. The XM authority does not include extended repayment of annual, routine operation, maintenance, and replacement (OM&R) costs. This Directives and Standards (D&S) ensures that Reclamation uses its authority to meet the most critical needs.
2. **Applicability.** This D&S applies to all Reclamation offices and staff in administering the provisions of the XM authority.
3. **Federal Funds.** Congress provides Federal funding for XM work by means of discretionary and mandatory appropriations and, with the addition of the Account, Federal funding will also be provided by the receipts (or repayment amounts) from XM contracts that were funded by the Account. The XM work requested through the application process set out in this D&S will be funded from the Account whenever there are sufficient funds in the Account to do so, with the following exception.¹ If XM work is urgent but does not qualify as emergency XM (EXM), regional directors (RDs), through the Basis of Negotiation (BON) process, can request authority to fund the work with their region's funds and not require the transferred works operator to go through the application process.

¹ As a practical matter, any action or work needed to minimize imminent harm to life and property cannot typically wait to go through the application process, which is required to use funds from the Account. Regions are responsible for funding emergency XM work from their regularly budgeted funds.

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4. Eligibility.

A. **XM.** Work is XM if:

- (1) it is major, non-recurring maintenance of a mission critical asset,
- (2) its purpose is to ensure the continued safe, dependable, and reliable delivery of authorized project benefits (any additional benefits being strictly incidental to that purpose),
- (3) its costs are greater than 10 percent of Reclamation's or the operating entity's annual O&M budget for the facility or at least \$100,000 in total, and
- (4) it is not eligible to be performed or funded under the repayment provisions of Section 4(c) of the Reclamation Safety of Dams Act of November 2, 1978, as amended (43 U.S.C. § 506).

B. **EXM.** Work is EXM if it qualifies as XM and it is necessary to minimize the risk of imminent harm to public health or safety or to property. The Commissioner reserves the discretion to determine if XM work qualifies as EXM.

C. **Qualified EXM.** If designated as qualified EXM, 35 percent of the Federal funding advanced or expended is non-reimbursable. Application of the 35 percent non-reimbursable funding applies only the amounts advanced and allocable to the transferred works operating entity.² Otherwise, the work will be reimbursable in the same manner as XM work, as described in Paragraph 8.A of this D&S. XM work on Transferred Works that meets the criteria for EXM and the additional conditions outlined below is eligible for designation as qualified EXM.

- (1) During the last 10 years, all Category 1 OM&R recommendations, as defined in Paragraph 7.A.(1) of Reclamation Manual (RM) D&S, *Review of Operation and Maintenance (RO&M) Program Examination of Associated Facilities (Facilities other than High- and Significant-Hazard Dams)* ([FAC 01-04](#)), related to XM work identified under urbanized canal inspections or through inspection/assessments conducted under existing review programs have an identified timeframe for work to be completed and work has been completed within that timeframe.
- (2) During the last 10 years, all Category 2 OM&R recommendations, as defined in Paragraph 7.A.(2) of FAC 01-04 related to XM work identified under urbanized canal inspections or through inspection/assessments conducted under existing review programs, and reasonably within the ability of the operating entity to

² See 43 U.S.C. 510b(c)(3).

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address, have an identified timeframe for work to be completed and work has been completed within that timeframe.

5. Annual Application Process

- A. **Annual Notice and Deadlines.**³ By October 31 of each year, regional office staff will issue a public notice of the annual application process for funding of XM projects. The public notice will include posting information on Reclamation websites and reasonable efforts to notify project beneficiaries on reserved and transferred works and transferred works operating entities.⁴ The notice will include relevant information from the XM authority and this D&S, including descriptions of the minimum required application content described in Paragraph 5.B. of this D&S, and a main point of contact for interested applicants. The notice will state that applications will be accepted until December 31. Both reserved and transferred works are eligible. The Reclamation Law Administration Division (RLAD) will coordinate with other affected offices to continually evaluate the appropriateness of these dates in the application cycle and make adjustments as necessary.
- B. **Applicants.** Eligible applicants include transferred works operators and project beneficiaries responsible for repayment of reimbursable costs on reserved and transferred works. If a project beneficiary on transferred works applies for extended repayment but the operator does not apply or request advanced funds, Reclamation, the operator, and the applicant may enter a three-party contract to advance the applicant's share of the XM project to the operator.
- C. **Region Office Application Review**
- (1) As applications are received, and no later than January 24, area or regional office staff will review applications for the following required content:
- (a) a description of the project for which the funds are requested,
 - (b) the amount of funds requested,
 - (c) the repayment period requested by the transferred works operating entity or project beneficiary responsible for repayment of reimbursable costs,
 - (d) alternative non-Federal funding options that have been evaluated,

³ Reclamation Law Administration Division and other appropriate offices will continually assess and refine the application process timelines described in this D&S, as needed.

⁴ Reclamation staff will coordinate with project beneficiaries responsible for repayment of reimbursable costs on reserved works when they request extended repayment. When using funds from the Account, applications are required for XM work on reserved works.

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- (e) the financial justification for requesting an extended repayment period,
 - (f) at least 1 year of the financial records of the transferred works operating entity or project beneficiary responsible for repayment of reimbursable costs,
 - (g) to the extent that it is the responsibility of the applicant, any remaining environmental compliance that is required before the project commences, and
 - (h) the official level of cost estimate as defined in RM D&S, *Cost Estimating* ([FAC 09-01](#)), and provided as required by RM D&S, *Representation and Referencing of Cost Estimates in Bureau of Reclamation Documents Used for Planning, Design and Construction* ([FAC 09-03](#)).
- (2) Area or regional office staff will add any information of relative importance regarding each submitted project and the Major Rehabilitation & Replacement categorization rating to each application. To the extent that it is the responsibility of Reclamation, they will also identify any remaining environmental compliance that is required before the project commences.
 - (3) Area or regional office staff will add documentation used to fulfill RM D&S, *Reclamation Value Program* ([CMP 06-01](#)), and RM D&S, *Planning for Major Rehabilitation and Replacement of Existing Assets* ([CMP 09-04](#)), requirements to each application, respectively.
 - (4) If regional office staff determine that any applications are ineligible for funding or incomplete, they will make reasonable efforts to contact the applicant and allow them to supplement or amend their application before December 31.
 - (5) No later than January 24, regional office staff, through their RD, will send all applications and an analysis of the reporting content required under 43 U.S.C. § 510b(d)(5)(C) to RLAD.
- D. **Review and Report.** RLAD staff will review all applications to determine whether all qualification criteria are met, including a review of the regional office analyses. RLAD, Program and Budget, and Asset Management Division staff will categorize the applications based on the criteria above and then recommend a categorization of applications and funding and send all applications to the Commissioner no later than February 15. RLAD staff will also draft the report required under 43 U.S.C. § 510b(d)(5).
- E. **Commissioner Review, Office of Management and Budget, and Report to Congress.** By March 8, after obtaining the Commissioner's final determinations and

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consent, Reclamation will submit a report to Congress, as required by 43 U.S.C. § 510b(d)(5).

- F. **Congressional Alternative Allocation.** Under 43 U.S.C. § 510b(d)6, Reclamation staff will wait for Congress, as applicable under the “alternative allocation” requirement, to act, if it chooses, and direct an alternate allocation of funds before responding to applicants. Following the required waiting period and passage of full-year appropriations for energy and water development and related agencies, RLAD staff will notify RDs and regional office staff of the final allocation of funds for the relevant application period. Regional office staff will notify successful applicants as soon as possible.
- G. **Funding Appropriated into the Account.** Funds appropriated into the Account can be expended without the requirement above in Paragraph 5.G.
- H. **Fund Administration and Oversight.** The Director, Program and Budget, maintains administration and oversight of all funds control of the Account. In addition to the standard validation and verification that Program and Budget provides, RLAD and Asset Management Division will also provide appropriate oversight of the funded XM projects.
6. **Repayment Contracts Are Required.**
- A. **XM.** With the exception of EXM, Reclamation will not advance funds for XM work before execution of a repayment contract or contracts.
- B. **EXM.** Reclamation will only advance funds for EXM work without first executing a repayment contract if:
- (1) Reclamation has received written assurance from the governing body of a project beneficiary that it will enter good faith negotiations toward execution of a repayment contract, and
 - (2) the Commissioner has made an initial written determination that the intended work meets the EXM criteria under Paragraph 4.B. of this D&S and has authorized the advancement of funds prior to execution of a contract. The BON and approval memorandum process will formalize this determination.
7. **Conditions and Limitations for Advanced Funds on Transferred Works.**
- A. **Operating Entity’s Funds.** The advancement of funds is conditioned on the operating entity’s expenditure of its own funds as follows:

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- (1) Advanced Funds for EXM will not be advanced to the operating entity until it has expended at least 75 percent of any contractually required reserve funds on the emergency work for which the funding is requested.
 - (a) When a contractor has expended reserve funds and is current in re-accumulating the funds expended according to contractual requirements, the 75 percent will be based on whatever amount the contractor has accumulated.
 - (b) If the contractor has not maintained the reserve fund in accordance with the contract, Reclamation will require it to expend an amount equal to 75 percent of the contractually required reserve fund.
 - (2) If an existing contract between the operating entity and Reclamation does not require explicitly designated reserve funds, the RD will determine an appropriate amount of funds the operating entity must expend before Reclamation will advance funds. The BON will include this determination.
 - (3) The financial analysis described in Paragraph 8.C.(1)(b) will verify the availability of reserve funds for XM work.
- B. Exhausting Non-Federal Funding Options.** Advanced funds for XM work will not be advanced to the operating entity before reasonably available non-Federal funding options have been analyzed. The RD is responsible for making this determination.
- C. Limits on Use of Advanced Funds.** RDs will ensure the operating entity uses advanced funds solely for the purposes for which advanced.

8. Contracting and Contract Requirements.

- A. **Allocation of Costs.** Reclamation will allocate costs for XM and EXM work in accordance with the existing allocation of OM&R costs of the project or facility. See RM Policy, *Allocation of Operation and Maintenance Costs* ([PEC P07](#)), for specific requirements associated with allocation of OM&R costs. For qualified EXM work on transferred works, 35 percent of the advanced funds for the costs of the EXM work allocable to the operating entity is non-reimbursable.
- B. **Statutory Credits.** Repayment obligations will be repaid with available statutory credits only after the work has been authorized and funds appropriated. Statutory credits cannot be applied against annual OM&R costs. For additional information on the application of statutory credits toward an XM cost obligation see Paragraph 4.A. of RM D&S, *Crediting Requirements for Incidental Revenues* ([PEC 03-01](#)).

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C. Repayment Terms.

(1) Repayment Period.

- (a) **Maximum Term.** The repayment period will not exceed the service life of the repair or 50 years from the date on which the RD declares the work is substantially complete. Additionally, if the BON proposes any repayment period longer than 30 years, a financial analysis must justify the proposed repayment period.
- (b) **Financial Analysis.** The financial analysis must include a review of the contractor's financial records and reserve funds. If an ability-to-pay study has been completed within the last 5 years, it will be used in the financial analysis. A new ability-to-pay study is not required in all cases unless it is needed to justify a repayment period greater than 30 years. Reclamation will not pay for new ability-to-pay studies because they are reimbursable in this circumstance.
- (c) **Water Service Contractors.** If the repayment entity's primary water-related contract with Reclamation is a water service contract, the period for repaying XM or EXM costs will not exceed the remaining term of the water service contract. If, however, the RD determines that the repayment period should extend beyond the expiration of the contractor's water service contract because the remaining term is too short, and the requirement will be a financial hardship on the contractor, the RD will include this information in the BON.

- (2) **Interest.** Reclamation will assess interest on all reimbursable costs of XM and EXM regardless of the project purpose to which the costs are allocated. Reclamation will assess interest on the repayment amount as of the date of disbursement of the funds through completion of repayment. The interest rate for the reimbursable costs of XM and EXM work performed under the XM authority will be the rate determined by the Secretary of the Treasury that is in effect for the fiscal year in which the XM or EXM work is commenced and corresponding to the applicable reimbursement period. The applicable rates can be found in the Range of Maturities (Table 1) for the year in which construction commences. See <https://www.treasurydirect.gov/government/interest-rates-and-prices/certified-interest-rates/annual/>.

- (3) **Administrative Costs.** The RD will require each project beneficiary to provide an advance payment sufficient to cover an appropriate share of the administrative costs of the environmental compliance, development of the BON, and development and negotiation of the contract(s).

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- (4) **Ability to Pay.** XM work is not considered construction for repayment purposes, and as a result, ability-to-pay relief and aid to irrigation are not available for repayment of these costs.⁵
- (5) **Deferrals.** Deferrals allowed under Section 17.B of the Reclamation Project Act of August 4, 1939, as amended (43 U.S.C. § 485b-1), apply to repayment of construction costs under that Act, and are not authorized under the XM authority.
- D. **Standard Articles.** Paragraph 6 of RM Policy, *Reclamation Standard Water-Related Contract Articles* ([PEC P10](#)) identifies the standard articles required for XM and EXM contracts. Reclamation may exclude standard articles 5, 6, 7, 8, 9, 14, 18, 19, 20, 21, and 29 if the primary O&M transfer contract includes their most recent version.
- E. **Acreage Limitation.** The acreage limitation provisions of Federal Reclamation law do not apply to XM repayment contracts. Specifically, contracts for repayment of the costs of XM or EXM will not:
- (1) be considered in determining whether a district, as defined in Section 202(2) of the Reclamation Reform Act of October 12, 1982 (43 U.S.C. § 390bb), has discharged its obligation to repay the construction costs of the project facilities used to make irrigation water available for delivery to land in the district,
 - (2) serve as the basis for reinstating acreage limitation provisions in a district that has completed payment of its construction obligation, or
 - (3) serve as the basis for increasing the construction repayment obligation of the district and thereby extending the period during which the acreage limitation provisions will apply.
- F. **Public Participation.** Public participation is required for all XM repayment contracts. Refer to RM Policy, *Water-Related Contracts—General Principles and Requirements* ([PEC P05](#)) for general public participation requirements for water-related contracts.
- G. **No External Discussion of Pre-Decisional Positions.** Reclamation managers and employees will not make any pre-decisional commitment to the operating entity concerning the eligibility of proposed XM work for emergency status until the Commissioner issues a written initial determination of eligibility. Reclamation managers and employees will also not make any pre-decisional commitment to the operating entity concerning reduced reimbursable costs until the Commissioner makes a final determination that the proposed XM work meets the criteria of qualified EXM.

⁵ XM work may meet the capitalization criteria for assets under construction for financial reporting. Contact the regional finance office for assistance.

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- H. **Wage Rate Requirements (Construction).** The relevant provisions of the Davis-Bacon and Related Acts (40 U.S.C. § 3141, 29 U.S.C. § 201, 41 U.S.C. § 351, 40 U.S.C. § 3701, 41 U.S.C. § 35, 40 U.S.C. § 3145) apply to every contract in excess of \$2,000 to which the Federal Government is a party, for the construction, alteration, or repair of public buildings and public works of the Federal Government and which requires or involves the employment of mechanics and laborers.
- I. **National Environmental Policy Act (NEPA).** Reclamation's categorical exclusion (CE) 516 Department Manual 14.5D(1)⁶ is appropriate to use for XM projects if the scope of the project is consistent with the terms of the CE, and there are no extraordinary circumstances. Consideration for a CE does not guarantee that a CE will be appropriate. Reclamation will make the determination on the level of NEPA review and documentation, including whether an XM proposal satisfies the CE language or would trigger any of the extraordinary circumstances as described in 43 CFR 46.215. In cases where the project does not meet the above criteria or where any extraordinary circumstances exist, a higher level of NEPA evaluation will be required.
9. **BON Requirements.** Except as noted in Paragraph 6.B. above, a BON and approval memorandum are required for all advances and repayment of funds for XM or EXM work. See RM D&S, *Preparing Bases of Negotiation for New, and Amendatory Water Service, Repayment, and Related Contracts* ([PEC 06-01](#)), for the general requirements of the BON and approval memorandum. In addition, the following requirements apply.
- A. **XM BONs.** A BON for an XM contract will include:
- (1) a determination of eligibility under Paragraph 4.A. with supporting evidence,
 - (2) an estimate of costs allocable to the project beneficiaries, which follows the existing annual OM&R allocation for the relevant facilities,
 - (3) a proposed repayment term, and
 - (4) if applicable, an explanation of how the proposed contract will meet the requirements of Paragraph 7, above.
- B. **EXM BONs.** In addition to the requirements in Paragraph 9.A., EXM BONs will include:
- (1) written assurance from the contractor of their intention to enter a repayment contract if funds are expected to be advanced prior to execution of a contract, and

⁶ 516 DM 14.5(D)(1) Maintenance, rehabilitation, and replacement of existing facilities which may involve a minor change in size, location, and/or operation.

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- (2) a justification for the determination that the work on the project facility will likely meet the criteria for qualified EXM and a recommendation that 35 percent of the advanced funds for the EXM costs be non-reimbursable. The approval memorandum will document the final decision on this determination.
10. **Substantial Completion.** At the appropriate time, RDs are responsible for making the determination that XM work is substantially complete. RDs will also prepare and transmit written notice to the contractor of substantial completion and the initiation of repayment.⁷
11. **Definitions.**
- A. **Advanced Funds.** Funds that Reclamation advances to an operating entity to cover costs of extraordinary maintenance or emergency extraordinary maintenance work performed pursuant to the XM authority.
 - B. **Mission Critical Asset.** A facility or structure that sustains essential functions of a Reclamation project and for which an alternative facility or structure capable of continuously sustaining those functions is unavailable. This definition encompasses major asset classes such as dams, power plants, canals, siphons, pipelines, distribution systems, and associated structural, mechanical, and electrical systems and subcomponents.
 - C. **Operating Entity.** An organization that is contractually responsible for OM&R of transferred works.
 - D. **Project Facility.** Any part or feature of a Reclamation-owned project constructed under the authority of the Reclamation Act of June 17, 1902, or acts amendatory of, or supplemental to, that Act.
 - E. **Reserved Works.** Any project facility at which Reclamation carries out the OM&R of the facility.
 - F. **Risk of Imminent Harm.** Immediate danger or threat of injury to persons or damage to or loss of tangible property.
 - G. **Transferred Works.** Project facilities for which the OM&R is carried out by an operating entity under the provisions of a formal contract.
12. **Review Period.** The originating office will review this release every 4 years.

⁷ When XM work is performed by an operating entity, coordination with that entity will be necessary; however, the RD still must make a determination and provide the operating entity with a written notice of substantial completion. The written declaration of substantial completion by Reclamation to the operating entity initiates commencement of the repayment period.



MEMORANDUM

TO: SLDMWA Board of Directors, Alternates
SLDMWA Finance & Administration Committee Members, Alternates

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

DATE: November 9, 2023

RE: Recommendation Regarding Emergency Reserve Fund Expenditure Repayment

BACKGROUND

The Transfer Agreement between the United States and the San Luis & Delta-Mendota Water Authority (“Water Authority”) contains Article 14, which governs the accumulation and maintenance of an emergency reserve fund “to meet costs incurred during periods of special stress caused by damaging droughts, storms, earthquakes, floods, or other emergencies threatening or causing interruption of water service.”

Use of the Emergency Reserve Fund is presently needed to finance “costs associated with addressing conditions which threaten or cause interruption of water service” and/or “costs associated with addressing conditions which threaten the safety or integrity of the Project Works. (Transfer Agreement, Art. 14(a).) The Delta-Mendota Canal (DMC) requires critical repairs in two locations:

1. DMC Downstream Check 18 Concrete Lining Repair at milepost 96.82
 - a. Estimated Cost: up to \$500,000
 - b. Description of Damage and Proposed Repairs: Extensive damage to both the invert of the canal and the lining of the side slope (right bank) has occurred due to substantial material loss behind the liner. The proposed repairs include repair of approximately 50’ of failed/buckled concrete lining on the side slope and at the invert. The repair will proceed as soon as possible and will likely be completed before the end of 2023.

2. DMC Concrete Lining Repair and Farm Bridge Abutment Stabilization at milepost 41.49
 - a. Estimated Cost: up to \$750,000
 - b. Description of Damage and Proposed Repairs: This damage was caused when the Salado Creek levee breached in January 2023. The proposed repairs include repair of approximately 50’ of failed/buckled concrete lining, removal of sediment/debris deposits in the DMC, and the stabilization of the right abutment of the Farm Bridge at the location. The repair will proceed in early 2024, preferably when San Luis Reservoir fills.

As required by the Transfer Agreement, Water Authority staff formally requested Reclamation's approval to utilize the Emergency Reserve Fund by letter dated October 18, 2023 (Attachment 1). Reclamation provided their approval on the same day (Attachment 2).

ISSUE FOR DECISION

Whether the Water Authority should utilize a five year repayment period to recoup the anticipated Emergency Reserve Fund expenditures.

RECOMMENDATION

In order to mitigate the reserve water rate effects, Water Authority staff recommends that repayment of the Emergency Reserve Fund expenditures occur over the maximum authorized period of five years, beginning in March 2024.

ANALYSIS

Under Article 14(d) of the Transfer Agreement, the Water Authority has up to five years to repay the Emergency Reserve Fund, although repayment can occur more quickly if desired. Staff estimates the impact on the reserve component in water rates would be an increase of \$.60 per acre foot if repaid in a single year, compared to \$.12 per acre foot if repaid over five years.

BUDGET IMPLICATIONS

The current Emergency Reserve Fund balance is \$2,214,916. If the Water Authority staff recommendation is accepted, the expended funds would be repaid through the reserve rate in 5 equal installments beginning on March 1, 2024.

ATTACHMENTS:

1. Water Authority Request for use of the Emergency Reserve Fund dated 10/18/23
2. Reclamation approval to use the Emergency Reserve Fund dated 10/18/23



MEMORANDUM

TO: Finance & Administration Committee Members, Alternates

FROM: Pablo Arroyave, Chief Operating Officer

DATE: November 9, 2023

RE: Recommendation to Board of Directors to Approve the Proposed Fiscal Year (FY) 2025 OM&R Budget, including Routine OM&R and Extraordinary OM&R/Capital Improvement Project (CIP) Budgets

BACKGROUND

The proposed OM&R Budget is first reviewed with the Operations & Maintenance Technical Committee (OMTC). Next, the OM&R Budget is reviewed with the Finance & Administration Committee. Per Article 12 A of the SLDMWA Transfer Agreement: "Not later than ninety (90) days before the start of each Year, the Authority shall submit to each Water Delivery Contractor, and all Parties Entitled to Utilize or Receive Other Water, the proposed budget for the next Year for all activities of the Authority to be carried out under this Agreement. ... The Authority shall afford each Water Delivery Contractor and all Parties Entitled to Utilize or Receive Other Water the opportunity to submit comments on such proposed budget by sixty (60) days before commencement of the Year." Subsequently, the proposed budget will be considered by the San Luis & Delta-Mendota Water Authority Board of Directors.

The OMTC met on October 16, 2023 and reviewed the proposed FY2025 OM&R budget in detail and participating committee members recommended approval of the FY2025 O&M budget to the Finance and Administration Committee. Because a formal recommendation of the OMTC to the FAC to adopt an OM&R Budget requires the "yes" vote of at least eight of ten members, and less than eight members were present, no formal recommendation was made.

The proposed FY2025 OM&R budget is \$25,418,391. The major budget components include the following:

- Routine OM&R Budget: **\$16,598,420** (includes \$477,971 for USBR contract)
- Extraordinary OM&R Budget: **\$8,819,971**
- CIP Budget: **\$0**

In conjunction with the OM&R budget, staff is proposing the addition of two new positions: a Computer Technician (to support the IT Officer) and an Accountant III (to support the Director of Finance). Position justification for the Computer Technician and Accountant III positions are provided in Attachment 2.b.

The proposed FY2025 OM&R Budget also includes a placeholder for salary increases of 3.8%. The Water Authority salary policy 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 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 be used as a placeholder in the initial proposed budget. The August/September CPI average is 3.8% based on the August CPI of 3.7% and September CPI of 3.9%. Staff informed the OMTC of the 3.7% CPI for August and noted a placeholder of 3.0% was used as salary placeholder in the budget package submittal.

ISSUE FOR DECISION

Whether the Finance & Administration Committee should recommend the proposed FY2025 OM&R Budget for consideration to the Board of Directors.

RECOMMENDATION

Staff recommends the proposed FY2025 OM&R Budget for consideration.

BUDGET DETAILS

The proposed FY2025 OM&R Budget of \$25,418,391 is 4.15% below the FY2024 OM&R Budget of \$26,519,903. The total proposed self-funded portion paid by the water users is \$24,940,421 which is a decrease of 5.66% from the FY2024 budget. The RO&M portion of the budget decreased by 7.91%. The EO&M portion of the budget increased by 42.30% and the Capital Improvement Projects (CIP-USBR Funded) budget was decreased by 100% attributable to the approval of Bipartisan Infrastructure Law (BIL) funding for the two projects.

The full comparison summary between the proposed FY2025 OM&R Budget and the Board-adopted FY2024 OM&R Budget is provided in **ATTACHMENT 1**.

Proposed FY2025 Routine OM&R Budget

The Routine OM&R Budget line-item detail and the rationale for variances in line-item budgets greater than 5% is described in **ATTACHMENT 2.a** to this memorandum. In addition, **ATTACHMENT 2.b** includes FY25 organization chart, staffing levels, and new position justifications, and **ATTACHMENT 2.c** includes proposed special projects/purchases for parts/materials, equipment, and services that are funded through the Routine OM&R Budget.

Proposed FY2025 Extraordinary OM&R/CIP Budget

The Extraordinary OM&R/CIP Budget includes the following projects, as broken down by major category (see **ATTACHMENT 3** for additional detail):

- Extraordinary OM&R Projects – 15 line items, total of \$8,819,971
 - Projects for O'Neill Pumping-Generating Plant, Intertie Pumping Plant, Jones Pumping Plant, plus phase 1 of an Electric Vehicle Charging Stations project and EO&M Program Management

- Reserve Categories – 5 categories, total of \$1,464,800
- No budget is requested for Special Funded Extraordinary OM&R/CIP Projects in this proposal due to BIL funding

Relative to the Extraordinary OM&R/CIP Budget, it has long been the Water Authority's practice to carryover EO&M/CIP funds for reserve, EO&M, or CIP projects that have a delayed start, take place over multiple years, or for budgeted replacements (replacements often do not occur until the equipment fails). In June 2023, details regarding this practice and the status of reserve funding were presented to the Finance & Administration Committee.

ATTACHMENT 4 provides an update on the carryover EO&M/CIP funds for reserve, EO&M, and CIP projects. Based on the expenditures-to-date through August 31, 2023 for each of the active EO&M/CIP Projects, the projected carryover balance is \$610,087. Relative to FY2025, staff recommends the carryover of funds from previous fiscal year Extraordinary OM&R/CIP budgets.

ATTACHMENTS

1. FY2025-FY2024 Budget Comparison Summary Page
2. Routine OM&R Budget
 - a. Routine OM&R Budget line-item variances greater than 5% explanation
 - b. Staffing Information
 - FY2025 Organization Chart
 - Staffing Levels
 - New Position Justifications
 - c. Special Projects Justifications
 - Parts & Materials
 - Equipment
 - Services
3. Extraordinary OM&R Budget
 - a. FY2025 Projects Funding Summary Page
 - b. EO&M Project 10-Year Plan
 - c. Project Descriptions/Justifications
4. EO&M/CIP Project Carryover Information

ATTACHMENT 1

FY2025-FY2024 Budget Comparison Summary

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2024 APPROVED, PROPOSED FY2025 TOTAL BUDGET SUMMARY

O&M Budget Summary	Approved FY24 Budget	Proposed FY25 Budget	% Change FY24 - FY25
	A	B	(B-A)/A
<u>Routine O&M (Water Users)</u>	\$ 17,940,253	\$ 16,120,450	-10.14%
<u>USBR Funded O&M (Service Contract)</u>	\$ 83,950	\$ 477,971	469.35%
<u>TOTAL (Water Users & USBR)</u>	<u>\$ 18,024,203</u>	<u>\$ 16,598,420</u>	<u>-7.91%</u>
<u>Extraordinary O&M (Water Users)</u>	\$ 6,198,000	\$ 8,819,971	42.30%
<u>Capital Improvements Projects</u>	\$ 2,297,700	\$ -	-100.00%
<u>TOTAL (EO&M/CIP)</u>	<u>\$ 8,495,700</u>	<u>\$ 8,819,971</u>	<u>3.82%</u>
<u>TOTAL</u> (includes Service Contract)	<u>\$ 26,519,903</u>	<u>\$ 25,418,391</u>	<u>-4.15%</u>
<u>Total Self Funded Budget</u> (Water Users, excludes Service Contract)	<u>\$ 26,435,953</u>	<u>\$ 24,940,421</u>	<u>-5.66%</u>

NOTE:

The SLDMWA received approval on Bipartisan Infrastructure Law (BIL) funding applications for the DMC Subsidence Correction Project and the JPP Excitation Cabinet and Control Panel Refurbishment Project. Each project was awarded \$25M. Both of the projects are multi-phased and multi-year projects. As a result of this funding, there will be no funding requested in FY25 for either of these projects. Repayment of this funding will be addressed separately.

ATTACHMENT 2

Routine OM&R Budget

- a. Routine OM&R Budget Line Detail Comparison
- b. Staffing Information
 - FY2025 Organization Chart
 - Staffing Levels
 - New Position Justifications
- c. Special Projects Justifications
 - Parts & Materials
 - Equipment
 - Services

BUDGET LINE ITEM DETAIL COMPARISON

Adjusted Routine O&M (RO&M) Budget decrease of 7.91% or \$1,425,783

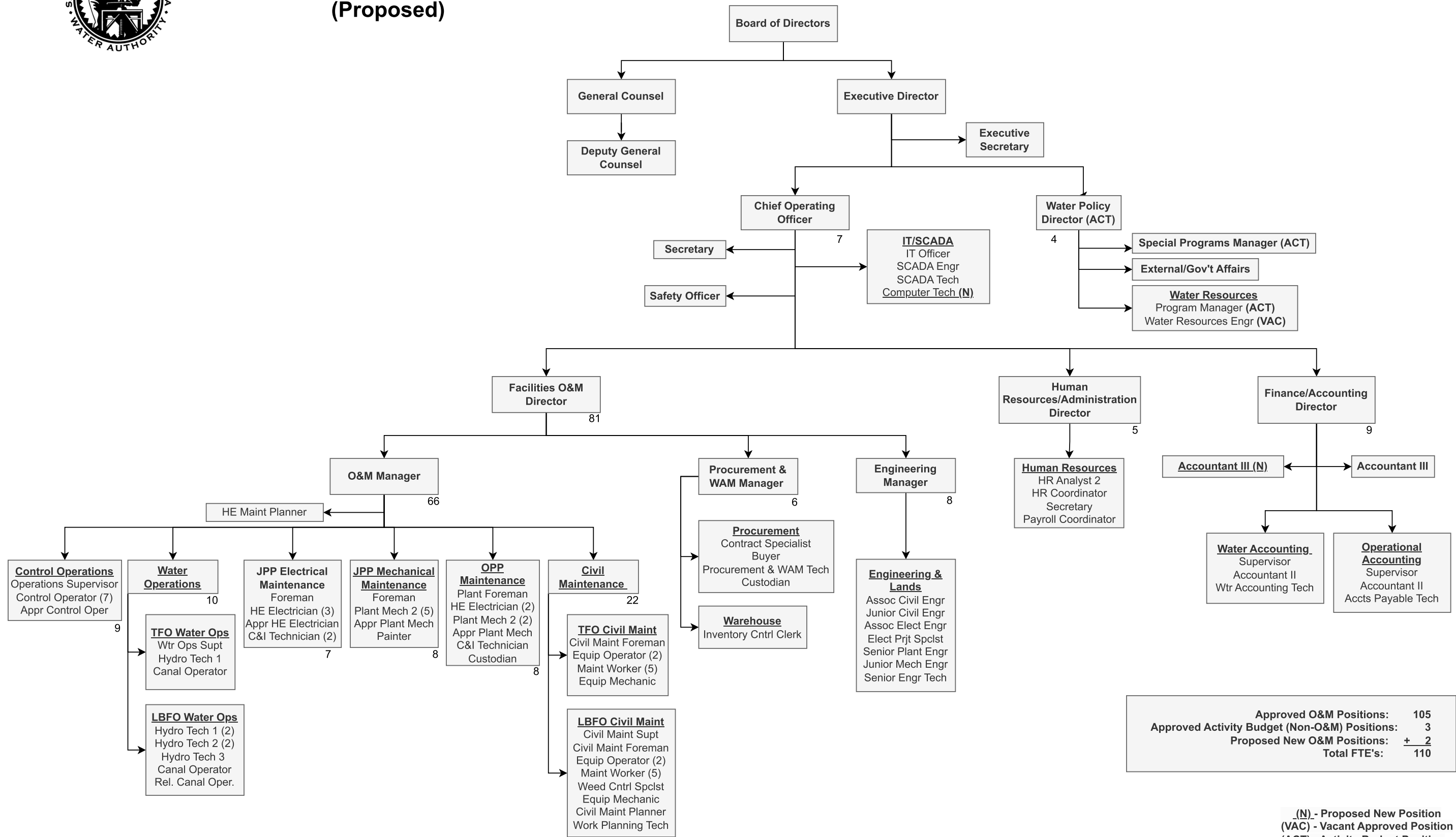
Parts, Materials and Services (\$418.4K increase)

- Office Services and Supplies increased \$15.1K (26.10%)
 - Increase in Maintenance Contract costs for Department 10
- Clothing, Personal Protective Equipment (PPE) increased \$5.2K (10.14%)
 - Requirement for arc-flash rated clothing
 - Safety boot allowance raised to \$200/year
 - One-time \$2K expense for SLDMWA hats per QIC agreement
- Janitorial Supplies and Services increased \$900 (7.17%)
 - Increased to better match existing
- Engineering Consultant decreased \$18.5K (-10.91%)
 - Decreased due to most of the surveying costs being covered under the EO&M budget
- Auditing Increased \$9K (18.00%)
 - \$9K expense for assistance with development of indirect cost (Dept 20)
- Legal increased \$39.5K (36.07%)
 - Adjusted to match current projects
 - Increase in Dept 10 of \$31.5K (Kronik and Diepenbrock)
 - Increase in Dept 30 of \$3K (Kronik)
 - Increase in Dept 50 of \$5K (Diepenbrock for Legal review of contract templates)
- Other Professional Services increased \$76.7K (20.28%)
 - Increase in Dept 10 of \$29.8K (Network Cyber Security Services and SCADA Professional Services)
 - Increase in Dept 30 of \$45K (Salary Survey)
- Fees and Licenses increased \$1.4KK (6.39%)
 - Increase to Dept 10 due to EPA and HazMat annual fees
- Other Services and Expenses increased \$59.5K (13.43%)
 - Increased expenses in Dept 10 for SCADA Cyber Security, SCADA Software Maintenance, SCADA MMI Comprehensive Support and Tuition Reimbursement
 - Increase in Dept 50 of \$10K for document shredding services
- Computer Software increased \$20.2K (33.39%)
 - Increase due to expenses in Dept 10 for mobile device management software (\$17.5K)
- Rents/Leases – Office Machines and Equipment increased \$360 (12.24%)
 - Increase in rental fee for stamp machine at LBAO (Dept 05)

- Professional organization dues increased \$1.3K (19.772%)
 - Minor membership dues increase for Depts 30 and 40
 - Two new memberships for Dept 50 for Public Procurement Association
- Employee and Group Meetings – Increased \$4.2K (14.24%)
 - Increase due to Dept 30 meeting expenses
- Parts/Materials – Vehicle/Construction Equipment increased \$5K (5.88%)
 - Increase due to anticipated increase in the cost of vehicle and equipment parts and materials
- Petroleum, Oil, and Lubricants – Increased \$125.5K (43.99%)
 - Increase due to anticipated increase in the cost of diesel, unleaded and propane fuels based on our three-year average fuel consumption and the current cost of \$5.50 per gallon of gasoline and \$6.30 for a gallon of diesel
- Outside Services – Vehicle/Construction Equip – increased \$3.9K (5.06%)
 - Increase due to anticipated increase in the cost of these services for vehicle and equipment repairs
- Parts/Materials - Bldg., Grounds, Mech, and Equip. decreased \$36.3K (-6.79%)
 - Decreased to better match existing
- Outside Services – Facilities and plant equipment increased \$39.4K (14.62%)
 - Primary increase due to DCI transformer HV Bushing Replacement (Special Project) in Dept 60
- Pipe, metal, and Treatments – increased \$11.2K (20.11%)
 - Increase due to anticipated increases in the cost of steel, pipe, and paint for repair projects in Depts 42, 44, 45, and 46
- Sand, Backfill & Rock - increased \$3.5K (12.50%)
 - Increase due to materials cost for graveling O&M road to several turnouts on unpaved side of DMC
- Chemicals - increased \$9.4K (6.09%)
 - Increase due to anticipated surge in the cost of chemicals for weed, rodent, and water treatment
- Telephone Expenses – increased \$30.9K (26.44%)
 - Increased budget in Dept 10 for SCADA DMC Check Structure cellular phone service (\$10K) and telephone and cellular service plans (\$24K)
- New/Replacement Equip and Furniture – Decreased \$7.9K (-5.21%)
 - Decreased to better match existing
- Computer Hardware – Increased \$14K (73.68%)
 - Increased due to new line item for SCADA Misc not covered under EO&M
- **Equipment/Capital Asset Purchases**
 - Net increase from FY24 of \$25.5K (14.02%), see justification



SLDMWA FY 2025 Organization Chart (Proposed)



(N) - Proposed New Position
 (VAC) - Vacant Approved Position
 (ACT) - Activity Budget Position
 HE - Hydro Electric

2.b Staffing Levels

Summary of Assumptions and Considerations

Proposed OM&R positions budgeted fully or partially for FY25

<u>Position</u>	<u>Number in FY25</u>
Accountant II	2
Accountant III	1
Accountant III (PROPOSED)	1
Payroll Coordinator	1
Accounts Payable Technician	1
Chief Operating Officer	1
Buyer	1
C&I Technician	3
Canal Operator	2
Canal Operator, Relief/Rodent Control	1
Civil Engineer	2
Civil Maintenance Foreman	2
Civil Maintenance Planner	1
Civil Maintenance Superintendent	1
Civil Maintenance Worker	10
Computer Technician (PROPOSED)	1
Contract Specialist	1
Control Operator (includes 1 apprentice)	8
Control Operator, Relief	1
Custodian	2
Director of Finance/Accounting	1
Director of HR & Administration	1
Electrical Engineer	1
Electrical Project Specialist	1
Electric Shop Foreman	1
Electrician (includes 1 apprentice)	6
Engineering 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	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

<u>Position (cont.)</u>	<u>Number in FY25</u>
Mechanical Engineer	1
Operations & Maintenance Manager	1
Operational Accounting Supervisor	1
Operations Supervisor	1
Painter	1
Plant (Mechanical) Engineer	1
Plant Foreman, O'Neill	1
Plant Foreman, Machine Shop	1
Plant Mechanics (includes 2 apprentices)	9
Procurement & WAM Technician	1
Safety Officer	1
SCADA Engineer	1
SCADA Technician	1
Secretary	2
Water Accounting Supervisor	1
Water Accounting Technician	1
Water Operations Superintendent	1
Water Resources Engineer (VACANT)	1
Weed Control Specialist	1
Procurement and Work & Asset Manager	1
Work Planning Technician	1
<u>Total Positions</u>	<u>107</u>

(NOTE: The positions of Water Policy Director, Special Programs Manager, and Water Resources Programs Manager, are not listed in the total as they are non-O&M positions and budgeted in the Activity Budget. The positions of Executive Director, General Counsel, Deputy General Counsel, Water Resources Engineer (approved but vacant) and Hydro-Tech III are budgeted for both O&M and Activities budgets)

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

**STAFFING JUSTIFICATION FORM
FY 2025**

PRIORITY CODE: - -

EXPENSE CODE: 5101
BUDGET UNIT: 10

Type of Purchase

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | Materials |
| <input type="checkbox"/> | Services |
| <input checked="" type="checkbox"/> | Other: <u>Request for New Position</u> |

PROJECT DESCRIPTION:

New Position(s): Computer Technician at intermediate to senior experience level

GENERAL SPECIFICATIONS:
(See attached information)

Other titles: Information Systems Technician II, Information Technology Technician, IT Analyst, IS Analyst

ESTIMATED COST

Salary Cost:	\$ 80,000.00
Benefits, etc.:	\$ 25,000.00
Estimated Cost:	\$105,000.00

Description of current circumstances that drive this request:

The current Information Technology (IT) Department has a staff of one (1). The IT Officer is responsible for all of the SLDMWA IT needs which varies from highly technical activities down to activities only requiring minimal technical skills. The SLDMWA is proposing a new position to perform the less technical activities of the IT Department, so the IT Officer can focus on the more technical responsibilities of the Department. The typical Desktop and user support activities that are currently performed by the IT Officer that can easily be performed by less technical staff are as follows:

- Maintains the help desk, keeping a log of resolutions and other appropriate records.
- Installation, configuration and maintenance of new and existing PCs.
- Provides general hardware and cable repair.
- Maintains and insures proper software licensing in accordance with Federal and State regulations.
- Interaction with end users working to resolve problems.
- Support during Committee and Board ZOOM meetings
- Trains employees in the most effective use of the computer hardware and software.
- Recommends and submits orders for computer supplies and/or maintenance of equipment.
- Tests and reports on various software products and provides quality assurance of products by identifying and documenting defects, and evaluates and recommends software packages for potential acquisition.

With these activities being more efficiently performed by a technician, the IT Officer can be freed up to focus on the high-level management and technical functions of the Department.

Description of how this request would change current circumstances:

Hiring an additional Computer Technician to focus on Desktop and end user support will provide end users with quicker response time to resolve issues. Security patches will be evaluated, updated and installed in a shorter time frame. It will allow the IT Officer to spend more time on planning and implementing technologies identified above, managing various vendors, support contracts, and budgets. The IT department can stay current with alerts, bulletins and notices from the various regulatory agencies mentioned above.

**STAFFING JUSTIFICATION FORM
FY 2025**

PRIORITY CODE: - -

EXPENSE CODE: 5101
BUDGET UNIT: 20

Type of Purchase

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | Materials |
| <input type="checkbox"/> | Services |
| <input checked="" type="checkbox"/> | Other: <u>Request for New Position</u> |

PROJECT DESCRIPTION:
GENERAL SPECIFICATIONS:
(See attached information)

Additional Position: Accountant III

<u>ESTIMATED COST</u>		<u>CURRENT O&M COST INFORMATION</u>	
Salary Cost:	\$94,511.09		:
Benefits, etc.:	\$30,000.00		:
Estimated Cost:	\$124,511.09		:

Description of current circumstances that drive this request:

The finance and accounting function has been understaffed for some time. Current staffing levels do not allow sufficient coverage during periods of staff absences. The Authority's external auditors identified limitations on staffing as an area requiring attention during the last two audits. The scope of the department's responsibilities has grown over the last three years with two public offerings of debt and several repayment agreements in place with the Bureau of Reclamation. Additional funding arrangements have been undertaken requiring a single (Yellow Book) audit in addition to the annual audit. The Authority's investment in NetSuite is not being fully exploited as limitations on existing staff time are impeding progress. Updates to formal financial operating procedures and creation of additional procedures to document our internal controls and processes are occurring with the current headcount. While resources are already constrained, the Authority is entering into large scale projects which will require additional staff time to monitor and support.

Description of how this request would change current circumstances:

Hiring an additional Accountant III would allow the department to:

- Provide long term project accounting support for the large scale projects the Authority is undertaking.
- Coordinate Single Audit/Yellow Book compliance necessary for new funding arrangements.
- Prepare Annual BOR Indirect Cost submissions required as a contractor.
- Provide additional General Ledger /Audit support to meet tighter reporting deadlines.
- Formally document internal controls in our processes and procedures and validate same.
- NetSuite Record Maintenance and accounting records updates.
- Provide additional Water Accounting/Operational Accounting support.

**SPECIAL PROJECT JUSTIFICATION FORM
FY2025**

REQUEST DATE: 8/23/23
PRIORITY CODE: - -

EXPENSE CODE: 5301
BUDGET UNIT: 43

Type of Purchase

- Materials
- Services
- Other:

PROJECT DESCRIPTION:
GENERAL SPECIFICATIONS:
(See attached information)

Accusonic Flowmeter panel replacements for DCI

<u>ESTIMATED COST (incl taxes, freight)</u>	<u>Current O&M Cost Information</u>					
Purchase Cost: \$27000 Inflation Adjustment (4%/YR) _____ Estimated Cost: _____ <i>Rounded up to 100's</i> Total Estimated Cost: <u>\$27000</u>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;"><u>Cost</u></td> </tr> <tr> <td>Current cost of annual repairs:</td> </tr> <tr> <td>Potential For lost conveyance (if appl)</td> </tr> <tr> <td>Other O&M Cost:</td> </tr> <tr> <td><u>ANNUAL O&M COST:</u></td> </tr> </table>	<u>Cost</u>	Current cost of annual repairs:	Potential For lost conveyance (if appl)	Other O&M Cost:	<u>ANNUAL O&M COST:</u>
<u>Cost</u>						
Current cost of annual repairs:						
Potential For lost conveyance (if appl)						
Other O&M Cost:						
<u>ANNUAL O&M COST:</u>						

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

The Accusonic flowmeters (Model 7510+) were installed in the DMC-CA Intertie (DCI) penstocks in 2012 and consistently provided accurate flowmetering data. SLDMWA has recently been informed by Accusonic that they no longer support the 7510+ console. Upgrades to the new Model 8510+ flowmeter console is critical to keep the 7510+ sensors operational. This upgrade is for the panel only, and the existing sensors located within the penstock will remain in place.

Description of how this request would change current circumstances:

This request will ensure the DCI penstock flowmeters will remain operational. The option to replace upon failure was evaluated and determined to not be the best course of action. Accurate flow data from DCI is a critical for water balance on the Delta-Mendota Canal, and a planned replacement is more prudent than waiting for it to fail.

Other options considered during evaluation:

The option to replace upon failure was evaluated and determined to not be the best course of action. Accurate flow data from DCI is critical for water balance on the Delta-Mendota Canal, and a planned replacement is more prudent than waiting for it to fail.

Conclusion/Recommendation:

The planned upgrade of the DCI flowmeter console is recommended. Accurate flow data pumped at DCI is critical for water balance on the Delta-Mendota Canal and this upgrade will prevent loss of data.

**SPECIAL PROJECT JUSTIFICATION FORM
FY2025**

REQUEST DATE: 8/28/2023
PRIORITY CODE: - -

EXPENSE CODE: 5311
BUDGET UNIT: 60

Type of Purchase

- Materials
- Services
- Other:

PROJECT DESCRIPTION:

DCI Transformer HV Bushings Replacement

GENERAL SPECIFICATIONS:

(See attached information)

<u>ESTIMATED COST(incl taxes, freight)</u>		<u>Current O&M Cost Information</u>		<u>Cost</u>
Purchase Cost:	\$25,000	Current cost of annual repairs:		
Inflation Adjustment (4%/YR)	\$1,000	Potential For lost conveyance (if appl)		
Estimated Cost:	\$26,000	Other O&M Cost:		
		ANNUAL O&M COST:		
<i>Rounded up to 100's</i>	\$26,000			
Total Estimated Cost:	\$26,000			

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

DCI Transformer KW1A had a fault incident which was caused by an owl that shorted between two bushings. There was some light splatter that was found on two bushings. Inspections have been performed by SLDMWA and all three bushings were dole tested by RESA and passed. RESA determined the transformer could remain in operation. It was also recommended by TSC and RESA to replace the bushings with new bushings to eliminate any risks that was not found by inspection or test.

Description of how this request would change current circumstances:

The replacement of the bushings would put DCI on a plant outage for one day (2 days at most).

Other options considered during evaluation:

Alternative plan would be to purchase and store three bushings as spares. If there are signs of further bushing degradation or transformer trips, then plan for the bushings replacement. The risk of bushing failure is low, but the impact of a bushing failure is moderate to very high.

Conclusion/Recommendation:

DCI is still operational as-is. Bushing failures are rare and there is currently no issue electrically. Replacing the compromised bushings next year will eliminate any unforeseen risks that may have been missed during the inspection and dole test. The replacement process will only require 1-2 days of plant outage time. Repairs will be timed when there is no dependence on DCI pumping.

**EQUIPMENT PURCHASE JUSTIFICATION FORM
FY2025**

REQUEST DATE: 8/23/23
PRIORITY CODE: - -

EXPENSE CODE: 5547
DEPARTMENT: 46

Type of Purchase

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

<u>EQUIPMENT DESCRIPTION:</u>	Skid Steer Hydraulic angle broom Attachment
<u>GENERAL SPECIFICATIONS:</u> <u>(See attached information)</u>	8' wide skid steer attachment broom for bobcat.

<p><u>ESTIMATED COST (incl taxes, freight)</u></p> <p align="center">Purchase Cost: \$13,000 Inflation Adjustment (4%/YR)</p> <p align="right">Estimated Cost: \$13,000</p> <p align="center"><i>Rounded up to 100's</i></p> <p align="right">Total Estimated Cost: <u>\$13,000</u></p>	<p align="center"><u>Current O&M Cost Information</u> <u>Cost</u></p> <p>Current cost of annual repairs:</p> <p align="center">Annual lease/rental cost:</p> <p align="center">Other O&M Cost:</p> <p align="center">ANNUAL O&M COST:</p>
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<u>CURRENT/PROJECTED COST W/O EQUIPMENT:</u>		<u>PAYBACK</u>		<u>YRS</u>
<i>(Payback is determined by dividing Total Estimated Cost by Annual O&M Cost)</i>				
<u>Description of current circumstances that drive this request:</u> <i>(include age and condition of existing equipment)</i>				
We used to have broom attachments for our old backhoes and we purchased new backhoes they did not come with any broom attachments. We were just going to rent a self-propelled sweeper when needed. We have learned the sweepers are not available for our various projects causing us to use either a water truck or our Sullair compressor and neither one of those do the job of a sweeper, especially when doing asphalt repair. We do not want water on the road and the compressor will not remove the material like the sweeper does, causing us to spend more time with shovels and push brooms to prep the road.				
<u>Other options considered during evaluation:</u>				
Rent the equipment when needed but it is not available most occasions. Use Water truck or high pressure air compressor and they do not do the job of a hydraulic sweeper.				
<u>Conclusion/Recommendation:</u>				
Purchase (2) 8' broom attachment for bobcat to complete the various projects and reduce chance of injury with personnel doing more manual labor.				

**EQUIPMENT PURCHASE JUSTIFICATION FORM
FY2025**

REQUEST DATE: 8/23/23
PRIORITY CODE: - -

EXPENSE CODE: 5521
DEPARTMENT: 45

Type of Purchase

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

EQUIPMENT DESCRIPTION:

GENERAL SPECIFICATIONS:
(See attached information)

Piranha P-65-ton Hydraulic Ironworker

<p><u>ESTIMATED COST (incl taxes, freight)</u></p> <p>Purchase Cost: \$35,000</p> <p>Inflation Adjustment (4%/YR)</p> <p>Estimated Cost:</p> <p align="center"><i>Rounded up to 100's</i></p> <p>Total Estimated Cost: <u>\$35,000</u></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><u>Current O&M Cost Information</u></td> <td style="text-align: center;"><u>Cost</u></td> </tr> <tr> <td style="text-align: center;">Current cost of annual repairs:</td> <td></td> </tr> <tr> <td style="text-align: center;">Annual lease/rental cost:</td> <td></td> </tr> <tr> <td style="text-align: center;">Other O&M Cost:</td> <td></td> </tr> <tr> <td style="text-align: center;">ANNUAL O&M COST:</td> <td></td> </tr> </table>	<u>Current O&M Cost Information</u>	<u>Cost</u>	Current cost of annual repairs:		Annual lease/rental cost:		Other O&M Cost:		ANNUAL O&M COST:	
<u>Current O&M Cost Information</u>	<u>Cost</u>										
Current cost of annual repairs:											
Annual lease/rental cost:											
Other O&M Cost:											
ANNUAL O&M COST:											

<u>CURRENT/PROJECTED COST W/O EQUIPMENT:</u>		<u>PAYBACK</u>		<u>YRS</u>
<i>(Payback is determined by dividing Total Estimated Cost by Annual O&M Cost)</i>				
<u>Description of current circumstances that drive this request:</u> <i>(include age and condition of existing equipment)</i>				
<p>The existing iron worker existed in the plant when the SLDMWA began O&M of the facility. It was obtained using the government surplus program over 30 years ago. It is used for bending and shearing metal for projects and repairs such as making new plate doors for each units bearing access. Future projects include fabricating new j-seal clamp bars for the ONP Stop Log Rehabilitation Project and new pump bases for the cooling water and vacuum pumps that are planned to be rehabilitated in the near future.</p> <p>Other issues with the existing iron worker are as follows: the unit has no safety guards to protect the operator; dies are worn out or missing, and the oil reservoir leaks and needs to be cleaned periodically after each use.</p>				
<u>Other options considered during evaluation:</u>				
<p>We discussed transporting the materials and components to the JPP Machine Shop for fabrication but ruled that out for a couple reasons, 1. JPP workload prioritization and 2. Need for OPP to be self-reliant on projects of that are specific to the Plant.</p>				
<u>Conclusion/Recommendation:</u>				
<p>The existing ironworker has exceeded its service life and does not have all the required safety protections/guards that are necessary to operate the unit safely. As a result, staff recommends replacement of the unit.</p>				

**EQUIPMENT PURCHASE JUSTIFICATION FORM
FY2025**

REQUEST DATE:

EXPENSE CODE: 5521

PRIORITY CODE: - -

DEPARTMENT: 45

Type of Purchase

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

EQUIPMENT DESCRIPTION:

Fluke 1550KIT

GENERAL SPECIFICATIONS:

5K Insulation Tester Kit Megohmmeter(megger)

(See attached information)

<p><u>ESTIMATED COST (incl taxes, freight)</u></p> <p>Purchase Cost: \$7,000</p> <p>Inflation Adjustment (4%/YR)</p> <p>Estimated Cost:</p> <p align="center"><i>Rounded up to 100's</i></p> <p>Total Estimated Cost: <u>\$7,000</u></p>	<p align="center"><u>Current O&M Cost Information</u></p> <p>Current cost of annual repairs:</p> <p>Annual lease/rental cost:</p> <p>Other O&M Cost:</p> <p align="center"><u>ANNUAL O&M COST:</u></p>
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<u>CURRENT/PROJECTED COST W/O EQUIPMENT:</u>		<u>PAYBACK</u>		<u>YRS</u>
<i>(Payback is determined by dividing Total Estimated Cost by Annual O&M Cost)</i>				
<u>Description of current circumstances that drive this request:</u> <i>(include age and condition of existing equipment)</i>				
O'Neill's current Megohmmeter has malfunctioned. The importance of replacing this piece of testing equipment is because we need it for our annual maintenance testing on our unit stator, rotor and exciter. The tester is also used for testing most of our electrical equipment within the plant and along the DMC.				
<u>Other options considered during evaluation:</u>				
The Megohmmeter has been sent in for repairs twice and has most likely reached the end of its life. The unit is over 15 years old.				
<u>Conclusion/Recommendation:</u>				
It is recommended to purchase a new megger due to the cost of repairs and the life of our existing Megohmmeter.				

**EQUIPMENT PURCHASE JUSTIFICATION FORM
FY2025**

REQUEST DATE: 8/23/2023

EXPENSE CODE: 5547

PRIORITY CODE: - -

DEPARTMENT: 46

Type of Purchase

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

EQUIPMENT DESCRIPTION:

LWT POTHOG 2000

GENERAL SPECIFICATIONS:

6" hydraulic sludge pump.

(See attached information)

<p><u>ESTIMATED COST (incl taxes, freight)</u></p> <p>Purchase Cost: \$6315</p> <p>Inflation Adjustment (4%/YR)</p> <p>Estimated Cost:</p> <p>Rounded up to 100's 6400.00</p> <p>Total Estimated Cost: <u>6400.00</u></p>	<p><u>Current O&M Cost Information</u> <u>Cost</u></p> <p>Current cost of annual repairs:</p> <p>Annual lease/rental cost:</p> <p>Other O&M Cost:</p> <p>ANNUAL O&M COST:</p>
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<u>CURRENT/PROJECTED COST W/O EQUIPMENT:</u>		<u>PAYBACK</u>		<u>YRS</u>
<i>(Payback is determined by dividing Total Estimated Cost by Annual O&M Cost)</i>				
<u>Description of current circumstances that drive this request:</u> <i>(include age and condition of existing equipment)</i>				
We currently have one of these pumps at LBFO and have been using it weekly pumping out T.O. & meter Boxes between the LBFO crew and the CMT crew. We spend numerous days hauling the pump between the two yards. We have been using it at TFF a lot to pump out the silt build up under the stop logs to get them to seal, so we can perform much needed work and at the same time needed it on the DMC to pump out meter boxes. Only having one pump limits us on what we can do.				
<u>Other options considered during evaluation:</u>				
We have used a Venturi Pump to perform the same task and it does not pick up all the debris or pump the volume of water the Pothog 2000 does. The venturi pump also requires the use of a boom truck anytime we use it and the Pothog does not. A regular Honda trash pump will not pump the debris or the volume either.				
<u>Conclusion/Recommendation:</u>				
We have been using a Pothog 2000 for the past two years hauling it between the two yards and for how effective the pump is and how much we use it. It would pay for itself in a year by not having to haul it between the two yards. Tracy would have one for any emergency work at TFF, which happens often.				

ATTACHMENT 3

Extraordinary OM&R Budget

- a. FY2025 Projects Funding Summary Page
- b. EO&M Project 10-Year Plan
- c. Project Descriptions/Justifications

San Luis & Delta-Mendota Water Authority
EXTRAORDINARY OM&R, EQUIPMENT & VEHICLE RESERVE PROJECTS

FY 2025 PROJECTS FUNDING SUMMARY

Project Type: EXTRAORDINARY O&M (Fund 26)

<u>Project #</u>	<u>Fac</u>	<u>Project Title</u>	<u>Segment Code</u>	<u>Priority</u>	<u>Labor</u>	<u>Parts/Mat'ls</u>	<u>Contract</u>	<u>Total</u>
E2024001	DCI	Motor Protection Relay Replacement	26-M6	B-2-b	\$24,500	\$0	\$84,000	\$108,500
M1994022	ONP	Cooling Water System Rehabilitation	26-L0	B-2-b	\$85,700	\$626,400	\$0	\$712,100
E2024006	JPP	Current Transformer (CT) Upgrade (Units 1 & 4)	26-M12	B-3-b	\$29,300	\$0	\$60,000	\$89,300
M2024002	JPP	Unit Valve Replacement	26-M10	B-3-b	\$212,700	\$224,700	\$0	\$437,400
M2015003	JPP	Rehabilitate Coating on Pump Casings & Bifurcation	26-M1	B-3-c	\$202,000	\$3,600	\$742,400	\$948,000
C2024003	DMC	O&M Road Repair (Full Depth Rehab)	26-M11	B-4-b	\$60,100	\$0	\$708,500	\$768,600
M2019038	ONP	Sand Filter System Rehabilitation	26-L2	B-4-b	\$264,500	\$33,000	\$72,000	\$369,500
E2023003	ALL	Electric Vehicle Charging Stations - Phase 1	26-L1	B-4-c	\$56,800	\$0	\$60,000	\$116,800
E2024002	JPP	Siphon Breaker Communication Upgrades	26-M7	B-4-c	\$135,000	\$38,800	\$0	\$173,800
E2024003	JPP	Trashrake Controls Modernization	26-M8	B-4-c	\$246,100	\$53,400	\$0	\$299,500
M2019002	JPP	Sand Filter System Rehabilitation	26-M3	B-4-c	\$245,200	\$16,800	\$196,800	\$458,800
M2019028	JPP	Plant Flowmetering System Rehabilitation	26-M4	B-4-c	\$78,000	\$180,000	\$96,000	\$354,000
C2023004	DMC	Underdrain Sedimentation Removal Project	26-L5	B-5-b	\$493,200	\$3,800	\$590,400	\$1,087,400
M2019044	JPP	Machine Shop Crane Rehabilitation	26-M5	B-5-c	\$56,200	\$1,200	\$57,000	\$114,400
C2023005	ALL	EO&M Program Management	26-L6	C-6-c	\$188,000	\$0	\$1,130,400	\$1,318,400

EXTRAORDINARY O&M (Fund 26) PROJECT TOTALS: \$2,377,300 \$1,181,700 \$3,797,500 \$7,356,500

Project Type: RESERVE (Fund 26)

<u>Project #</u>	<u>Fac</u>	<u>Project Title</u>	<u>Segment Code</u>	<u>Priority</u>	<u>Labor</u>	<u>Parts/Mat'ls</u>	<u>Contract</u>	<u>Total</u>
S2024001	ALL	SCADA Replacement & Modernization Program (Reserve Fund)	26-D4	B-4-c	\$331,700	\$93,600	\$0	\$425,300
V1999001	ALL	Heavy Equipment Replacement Program (Reserve Fund)	26-D2	B-5-b	\$14,300	\$0	\$84,000	\$98,300
V1999002	ALL	Vehicle Replacement (Reserve Fund)	26-D1	B-6-c	\$20,900	\$0	\$170,400	\$191,300
C2011001	ALL	Facility Infrastructure Replacement/Rehabilitation Program	26-D3	B-7-c	\$22,400	\$0	\$247,200	\$269,600
E2000004	ALL	Replace Computer/Network Communication Equip (Reserve Fund)	26-D0	C-6-b	\$205,500	\$163,200	\$111,600	\$480,300

RESERVE (Fund 26) PROJECT TOTALS: \$594,800 \$256,800 \$613,200 \$1,464,800

FISCAL YEAR 2025 GRAND TOTAL (Fund 26): \$2,972,100 \$1,438,500 \$4,410,700 \$8,821,300

EO&M #	Project Title	BIL List	Facility	Priority	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	10 Yr Plan Total
EXTRAORDINARY O&M PROJECTS															
<i>Estimated Project Cost (x \$1,000)</i>															
E2024001	Motor Protection Relay Replacement	<input type="checkbox"/>	DCI	B-2-b	108.5										109
M1994022	Cooling Water System Rehabilitation	<input checked="" type="checkbox"/>	ONP	B-2-b	712.1										712
E2024006	Current Transformer (CT) Upgrade (Units 1 & 4)	<input type="checkbox"/>	JPP	B-3-b	89.3										89
M2024002	Unit Valve Replacement	<input type="checkbox"/>	JPP	B-3-b	437.4										437
M2015003	Rehabilitate Coating on Pump Casings & Bifurcation	<input checked="" type="checkbox"/>	JPP	B-3-c	948.0	550.0	600.0								2,098
C2024003	O&M Road Repair (Full Depth Rehab)	<input type="checkbox"/>	DMC	B-4-b	768.6										769
M2019038	Sand Filter System Rehabilitation/Replacement	<input checked="" type="checkbox"/>	ONP	B-4-b	369.5										370
E2023003	Electric Vehicle Charging Stations Program	<input type="checkbox"/>	ALL	B-4-c	116.8										117
E2024002	Siphon Breaker Communication Upgrades	<input type="checkbox"/>	JPP	B-4-c	173.8										174
E2024003	Trashrake Controls Modernization	<input type="checkbox"/>	JPP	B-4-c	299.5										300
M1999002	Unit Woodward Governor Replacement (All Units)	<input checked="" type="checkbox"/>	ONP	B-4-c			957.1	500.0	500.0	500.0	500.0	500.0			3,457
M2019002	Sand Filter System Rehabilitation	<input checked="" type="checkbox"/>	JPP	B-4-c	458.8										459
M2019028	Plant Flowmetering System Rehabilitation	<input checked="" type="checkbox"/>	JPP	B-4-c	354.0										354
C2023004	Underdrain Sedimentation Removal Project	<input type="checkbox"/>	DMC	B-5-b	1,087.4										1,087
M2019044	Machine Shop Crane Rehabilitation	<input type="checkbox"/>	JPP	B-5-c	114.4										114
C2023005	EO&M Program Management Services	<input type="checkbox"/>	ALL	C-6-c	1,318.4	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	6,268
E2024005	Standby Generator Transfer Switch: Design & Construction	<input type="checkbox"/>	ONP	B-3-b		112.3									112
C1997002	O&M Road Maintenance Program	<input type="checkbox"/>	DMC	B-4-b		668.0		736.5		812.0		895.2			3,112
M2019022	HVAC System Rehabilitation/Replacement	<input checked="" type="checkbox"/>	JPP	B-4-b		400.0									400
M2024001	CCTV Pipeline Inspection & Assessment (Water & Sewer)	<input type="checkbox"/>	TFO	B-4-b		50.0									50
C1994005	Warehouse Building (Design & Construction)	<input type="checkbox"/>	ONP	B-4-c		849.1									849
E2019003	Check Electrical Equipment Rehabilitation	<input type="checkbox"/>	DMC	B-4-c		200.0									200
C2022001	Retaining Wall Rehabilitation	<input type="checkbox"/>	JPP	B-5-b		225.0									225
M2019001	Bridge Crane Rehabilitation	<input checked="" type="checkbox"/>	ONP	B-5-c		200.0									200
E2019030	Plant Security System Improvements	<input checked="" type="checkbox"/>	ONP	C-5-d		109.0									109
E2015001	TFO/LBFO/DCI Arc Flash Study	<input type="checkbox"/>	ALL	A-1-b			225.0					248.0			473
E2022005	Unit Protection Equipment & Control Board Replacement	<input type="checkbox"/>	ONP	B-2-b			140.0	300.0	320.0	340.0					1,100
E2019024	Station Service Backup Battery System Replacement	<input checked="" type="checkbox"/>	JPP	B-2-c			300.0								300
E2004002	Unit Rotor & Stator Rewind (All Units)	<input checked="" type="checkbox"/>	ONP	B-3-b			490.1	2,250.0	2,295.0	2,341.0	2,388.0	2,435.0	2,484.0		14,683
E2009004	UPS Battery Replacement	<input checked="" type="checkbox"/>	JPP	B-4-b			200.0								200
M2017001	Shaft Sleeve Manufacturing	<input checked="" type="checkbox"/>	ONP	B-4-b			315.0	325.0							640
M2019016	Siphon Breaker Valve Control System Rehabilitation	<input checked="" type="checkbox"/>	JPP	B-4-c			250.0								250
M2019014	Stoplog Rehabilitation	<input checked="" type="checkbox"/>	JPP	B-5-b			500.0								500
M2019009	Flowmetering Upgrade	<input type="checkbox"/>	DCI	B-5-c			100.0								100
M2019026	Stoplog Rehabilitation (Lakeside)	<input checked="" type="checkbox"/>	ONP	B-5-c			75.0								75
M2019049	Lakeside & Canalside Trashrack Replacement	<input checked="" type="checkbox"/>	ONP	B-5-c			175.7								176
M2014002	Rebalance Unit 5 Impeller	<input type="checkbox"/>	JPP	B-3-c				305.0							305
C2019004	O&M Complex Pavement Rehabilitation	<input checked="" type="checkbox"/>	TFO	B-4-b				250.0							250
E2019025	Plant Security System Upgrades	<input checked="" type="checkbox"/>	JPP	B-5-c				225.0							225
C2016001	DMC Road Rehabilitation	<input checked="" type="checkbox"/>	DMC	B-4-b					391.0						391
M2019025	100 Ton Gantry Crane Rehabilitation	<input checked="" type="checkbox"/>	JPP	B-4-c					450.0						450
M2019043	HVAC System Rehabilitation/Replacement	<input checked="" type="checkbox"/>	ONP	B-4-c					100.0						100
E2019010	Plant Flowmeter System Rehabilitation	<input checked="" type="checkbox"/>	ONP	B-5-c					244.0						244

EO&M #	Project Title	BIL List	Facility	Priority	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	10 Yr Plan Total
M2019033	Plant Roof Surface Replacement	<input checked="" type="checkbox"/>	ONP	B-7-c					100.0						100
C1996012	Intake Channel Embankment Stabilization	<input checked="" type="checkbox"/>	DMC	B-3-b						750.0		2,500.0	2,500.0		5,750
C2019001	Radial Gate Rehabilitation Program	<input checked="" type="checkbox"/>	DMC	B-3-c						500.0	800.0	800.0	800.0	800.0	3,700
M2019015	Trashrack Cleaner Rehabilitation	<input checked="" type="checkbox"/>	JPP	B-4-c						300.0					300
M2019045	Stub Shaft Crane Rehabilitation	<input type="checkbox"/>	JPP	B-4-c						175.0					175
M2022003	Trashrack Cleaner & Stoplog Crane Rehabilitation/Automation	<input checked="" type="checkbox"/>	ONP	B-4-c							750.0				750
M2022004	Check Structure Mech Equipment Rehab/Replacement Program	<input checked="" type="checkbox"/>	DMC	B-4-c						600.0					600
C2019005	Penstock/Manifold Interior Coating Rehabilitation	<input checked="" type="checkbox"/>	DCI	B-5-b						150.0					150
E2019019	Plant Security System Improvements	<input checked="" type="checkbox"/>	DCI	B-5-b						50.0					50
M2019048	Plant Hydraulic System Rehabilitation/Replacement	<input type="checkbox"/>	JPP	B-5-c						325.0					325
E2015003	Arc Flash Study - JPP	<input type="checkbox"/>	JPP	A-1-b							200.0				200
E2022003	Plant Protective Relay Replacement	<input checked="" type="checkbox"/>	JPP	B-2-b							300.0				300
C2023003	Recoat Exterior of All Penstocks	<input type="checkbox"/>	ONP	B-4-c							500.0				500
M2010001	Domestic/Potable Waterline Replacement	<input type="checkbox"/>	JPP	B-5-c							500.0				500
E2019001	Pump & Motor Rehabilitation	<input checked="" type="checkbox"/>	DCI	B-3-c								259.0	264.0	275.0	798
E2019015	Plant Motor Control Center Upgrades	<input checked="" type="checkbox"/>	DCI	B-3-c								150.0	153.0		303
C2019002	Canal Embankment Erosion Protection	<input checked="" type="checkbox"/>	DMC	B-4-b								350.0			350
M2019008	Pump Intake Diffuser Panel Rehabilitation/Replacement	<input type="checkbox"/>	DCI	B-4-c								75.0			75
M2019035	Industrial Water Storage Tank Rehabilitation	<input type="checkbox"/>	TFO	B-4-c								125.0			125
M2019041	CA Turnout Slide Gate Rehabilitation/Replacement	<input checked="" type="checkbox"/>	DCI	B-4-c								150.0			150
E2019022	Plant Annunciator Modernization	<input checked="" type="checkbox"/>	DCI	B-5-b								150.0			150
M2008002	Cooling Water Line Replacement	<input checked="" type="checkbox"/>	JPP	B-4-b									400.0		400
E2019006	Current & Potential Transformer Rehabilitation	<input type="checkbox"/>	JPP	B-4-c										250.0	250
FY TOTALS (x \$1,000):					\$7,356.5	\$3,913.4	\$4,877.9	\$5,441.5	\$4,950.0	\$7,393.0	\$6,488.0	\$9,187.2	\$7,151.0	\$1,875.0	

RESERVE PROJECTS

					<i>Estimated Project Cost (x \$1,000)</i>										
EO&M #	Project Title	BIL List	Facility	Priority	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	10 Yr Plan Total
S2024001	SCADA Replacement & Modernization Program (Reserve Fund)	<input checked="" type="checkbox"/>	ALL	B-4-c	425.3	564.8	498.9	451.7	372.9	301.7	262.6	221.9	297.2	166.2	3,563
V1999001	Heavy Equipment Replacement Program (Reserve Fund)	<input type="checkbox"/>	ALL	B-5-b	98.3	10.5	10.8	214.0	318.4	177.8	12.2	247.4	553.2	289.3	1,932
V1999002	Vehicle Replacement Program (Reserve Fund)	<input type="checkbox"/>	ALL	B-6-c	191.3	327.3	337.1	128.2	157.0	442.2	216.0	223.8	116.3	180.5	2,320
C2011001	Facility Infrastructure Replacement/Rehabilitation Program	<input type="checkbox"/>	ALL	B-7-c	269.6	124.5	67.6	139.7	99.9	72.1	157.3	71.6	44.9	181.2	1,228
E2000004	Replace Computer/Network Comm Equip (Reserve Fund)	<input type="checkbox"/>	ALL	C-6-b	480.3	226.4	261.7	290.6	251.5	283.9	293.6	325.7	285.6	271.6	2,971
FY TOTALS (x \$1,000):					\$1,464.8	\$1,253.5	\$1,176.1	\$1,224.2	\$1,199.7	\$1,277.7	\$941.7	\$1,090.4	\$1,297.2	\$1,088.8	

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
FISCAL YEAR GRAND TOTALS: (FUND 26 - EO&M and RESERVES)	\$8,821.3	\$5,166.9	\$6,054.0	\$6,665.7	\$6,149.7	\$8,670.7	\$7,429.7	\$10,277.6	\$8,448.2	\$2,963.8	
	10 Year Plan Grand Total (x\$1,000):										\$70,647.5

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

Project No.: E2024001

Segment Code: M6-2025

Priority: B-2-b

Facility: DCI

Project Lead: EENG

Project Title: Motor Protection Relay Replacement

Estimated Total Cost: \$108,500.00

Labor: \$24,500

Materials: \$0

Contract Costs: \$84,000

Project Description and Scope:

The goal of the project is to swap out the existing GE motor protection relays with SEL 710-5 Motor Protection Relays from Schweitzer Engineering Laboratories. Direct Replacement Assemblies (DRA), which speed up the switchover between the old and new relays, will be used for the new relays. The settings will be customized to match, with the installation requiring a small amount of unit downtime. Once the SEL relays are in place, support will be available as needed from the manufacturer.

Project Purpose and Background

DMC & CA Intertie Plant (DCI) is a critical facility that allows the delivery of water between the Delta-Mendota Canal (DMC) & the California Aqueduct in either direction when necessary, providing flexibility to delivery options. The existing motor protection relays for the pump units are GE 369 Multilin Relays. In 2024, GE will stop providing support for the relays. The continued protection of the motors is essential to the stability of the pump units. Maintaining the motor protective relays will ensure that the pump units are protected during pump failures.

Project Status:

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

Project No.: M1994022

Segment Code: L0-2025

Priority: B-2-b

Facility: ONP

Project Lead: MENG

Project Title: Cooling Water System Rehabilitation

Estimated Total Cost: \$712,100.00

Labor: \$85,700

Materials: \$626,400

Contract Costs:

\$0

Project Description and Scope:

In order to provide a reliable cooling water system serving the 6 pump units, the piping, valves, strainers, and pumps will be replaced in kind with small improvements incorporated. Work will include the replacement of the 8 existing pumps and kinney strainers utilizing our in-house crews. This work will be performed in a phased manner in order to minimize impact to pump operations.

Project Purpose and Background

The existing ONP cooling water system is over 55 years old. All of the piping and components have exceeded their useful life. In order to provide a more reliable operating cooling water system, the system will be rehabilitated. Note: Reclamation's Federal Replacements Units, Service Lives, Factors (Blue Book), places the service life of water systems at 25 years.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: E2024006

Segment Code: M12-2025

Priority: B-3-b

Facility: JPP

Project Lead: EENG

Project Title: Current Transformer (CT) Upgrade (Units 1 & 4)

Estimated Total Cost: \$89,300.00

Labor: \$29,300

Materials: \$0

Contract Costs: \$60,000

Project Description and Scope:

The project is to install new current transformers (CTs) for Jones Units 1 & 4 and perform commissioning tests. The new CTs will have higher capacities than the existing CTs. The current CTs have a 1200:5A ratio and will be upgraded to a 4000:5A ratio. Installation of the CTs and wiring modifications will be performed by SLDMWA electricians and C&Is. Protective relay calibration and unit commissioning will be performed by Reclamation TSC. A final report that summarizes the project and unit status will also be provided by Reclamation TSC.

Project Purpose and Background

There is a history of nuisance trips at Jones Pumping Plant, where pump units would trip at startup when the adjacent pump was in operation. Reclamation TSC investigated and determined that certain current transformers (CTs) were being oversaturated, which was causing the trips. Their recommendation was to upgrade the specific CTs. To date, Jones Units 2, 3, 5, & 6 have undergone the CT upgrades, and the over saturation issue was resolved. No further nuisance trips have occurred with the units with upgraded CTs. Upgrading the CTs will stabilize the performance of the pump units, minimize labor hours spent on troubleshooting, and reduce the wear on the pumps caused by additional pump starts.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: M2024002

Segment Code: M10-2025

Priority: B-3-b

Facility: JPP

Project Lead: MENG

Project Title: Unit Valve Replacement

Estimated Total Cost: \$437,400.00

Labor: \$212,700

Materials: \$224,700

Contract Costs: \$0

Project Description and Scope:

Replacement in kind of existing Cooling Water Admission valves (6), the Air Vent valves (6), and the Bypass Valves (6) for all units. All 18 valves are alike, but support different systems. The Cooling water admission valves supports cooling water for radiator and stator, the Air Vent valves evacuate air from the unit as part of the Butterfly valve system, and the Bypass Valves operate at Unit startup in support of the butterfly valve. Replacement parts of the existing valves are no longer available. New valves will be upgraded versions of the same valves. This workscope will be executed in a phased manner to minimize impact to plant operations of the 6 pumps.

Project Purpose and Background

The existing cooling water admission valves, air vent valves, and bypass valves that serve the 6 pump units are over 40 years old. These valves have exceeded the anticipated service life for such valves and repair parts for these valves are no longer available. In order to provide reliable functioning valves that can easily be repaired, these 18 valves need to be replaced with upgraded versions of the existing valves.

Project Status:

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

Project No.: M2015003

Segment Code: M1-2025

Priority: B-3-c

Facility: JPP

Project Lead: MENG

Project Title: Rehabilitate Coating on Pump Casings & Bifurcation

Estimated Total Cost: \$948,000.00

Labor: \$202,000

Materials: \$3,600

Contract Costs: \$742,400

Project Description and Scope:

The rehabilitation of pump and pipeline coating will occur on all 6 of the JPP pumps. Given the cost and impact to plant operations, the work scope will be executed in three (3) phases spanning 3 years by a contractor. The primary work will consist of removing and properly disposing of the existing pump casing and pipeline lining material and then applying a specified lining system per coating manufacturers recommendations. Crack sealing and epoxy injection will also be required to repair the outlet box of the east and west penstocks.

Work is to be executed in a 3-phase approach requiring 2 pumps to be taken out of service for each phase of the project pending an approved outage that will not result in water delivery impacts. It is anticipated that a 100% solids epoxy coating will be utilized, however research and coordination with Reclamation will be conducted to ensure the appropriate new coating is selected.

Project Purpose and Background

The existing coal tar enamel coating of the pump casings and bifurcation pipeline has failed and needs to be replaced in order to preserve the integrity of the pump bowl, and bifurcation pipeline. The bifurcation is the steel manifold that transitions the 6 pumps to 3 penstocks. In addition, Reclamation has issued several RO&M recommendations specific to the failed coatings. The new coating is anticipated to protect the pump bowl and pipeline for a minimum of 20 years. Also included within this scope is to repair the penstock outlet box with epoxy injection and crack sealing. These repairs have been completed for the center penstock, and are still required in the east and west tubes.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: C2024003

Segment Code: M11-2025

Priority: B-4-b

Facility: DMC

Project Lead: CIVIL

Project Title: O&M Road Repair (Full Depth Rehab)

Estimated Total Cost: \$768,600.00

Labor: \$60,100

Materials: \$0

Contract Costs: \$708,500

Project Description and Scope:

This project will repair approximately 3.2 miles of the DMC Operating & Maintenance (O&M) road, from milepost 97.68R to milepost 100.85R, which has deteriorated to the point of becoming a safety hazard. The repair method will consist of a Full Depth Reclamation (FDR) by pulverizing the existing chip seal wearing surface in place down to 12 inches of depth, then placing and mixing a predetermined percentage of cement into the upper foot of subgrade. The O&M road is then recompacted and finished with an initial rough grade, then a final grade to ensure a proper slope for drainage. After rehabilitation, a fog seal and double chip seal coat will complete the wearing surface. The alternative option of placing an aggregate base instead of a chip seal will be evaluated during the projects planning phase. A contractor will complete most of the work with the assistance of SLDMWA crews. An engineering consultant will determine the optimum percentage of cement to add and provide testing and inspection services.

Project Purpose and Background

Staff successfully used Full Depth Reclamation (FDR) to rehabilitate the DMC O&M road (MP 100.85R to 101.27R) in 2019. FDR is proposed to be completed on 3.2 miles of failed O&M road from MP 97.68R (Russell Ave) to 100.85R. This stretch of the O&M Road contains numerous failures, including ravels, large-width cracks, potholes, and dips. The large cracks and dips create a driving hazard. Staff has performed spot repairs at numerous locations along this stretch; however, repairs do not last as the subgrade is compromised and requires rehabilitation. The attached report describes the existing conditions of the failed roadway and includes the performance of the roadway previously treated using the FDR method.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: M2019038

Segment Code: L2-2025

Priority: B-4-b

Facility: ONP

Project Lead: MENG

Project Title: Sand Filter System Rehabilitation

Estimated Total Cost: \$369,500.00

Labor: \$264,500

Materials: \$33,000

Contract Costs: \$72,000

Project Description and Scope:

This project will be for the full rehabilitation of the ONP Sand Filter System. The scope of the rehabilitation will be determined during the design and planning phase, which is currently underway. Staff have explored the options to replace the existing tanks in-kind, or to rehabilitate the existing tanks in place. Due to the geometry of the configuration, both options present significant difficulties. During original installation, the tanks were placed prior to pouring the floor above, making it impossible to install new tanks without significant torching and welding efforts. In addition, the tanks are placed very close together giving little room to complete rehabilitation-in-place within a timely manner. In response to these difficulties, staff is exploring installing a new filter technology that incorporates a much smaller footprint, through a pilot study. The preliminary plan is to install a rotating self-cleaning screen filter at the JPP to test the performance of this system. If successful, the SLDMWA will present the performance results to USBR for consideration as an alternate to the existing sand filter system. The goal is to install a new system better suited to the limited footprint that incorporates redundancy allowing for maintenance activities to occur without disrupting service. The work scope will be executed in a phased manner in order to keep the sand filter system functioning and therefore, allowing for continuous operation of the ONP.

Project Purpose and Background

The ONP sand filter system is composed of 5 filter tanks that provide filtered water to the main units. The tanks are 84 inches in diameter and 72 inches tall with 4 inch inlet and outlet piping. The system was placed into service in 1968, and has provided continuous operation for 55 years. The system continues to meet the needs of the ONP, yet has exceeded its expected life cycle. Following the rehabilitation of the sand filter tanks, piping, and critical components, the rehabilitated sand filter system will provide over 20 years of reliable operation. The design and planning phase of the rehabilitation was funded in FY24 and is currently underway.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: E2023003

Segment Code: L1-2025

Priority: B-4-c

Facility: ALL

Project Lead: EENG

Project Title: Electric Vehicle Charging Stations - Phase 1

Estimated Total Cost: \$116,800.00

Labor: \$56,800

Materials: \$0

Contract Costs: \$60,000

Project Description and Scope:

Two-stall electric vehicle (EV) charging stations will be installed at the Tracy Field Office, O'Neill Pumping Plant and the Los Banos Field Office maintenance facilities to support the upcoming State mandated EV requirements. The design of the stations will be in compliance with all federal, state and local EV charging station requirements. The Water Authority will also work towards developing a comprehensive plan for fleet electrification from compliance and deployment planning to implementation and management of the fleet. Resources will also be aimed at staying up to date with the regulations and applying to grants and exemptions that the Water Authority would be eligible for.

Project Purpose and Background

The California Air Resources Board (CARB) Advanced Clean Fleet regulation is currently requiring that 50% of all vehicles with a gross weight greater than 8,500 pounds that are added to a fleet as of 1/1/2024 must be Zero Emission Vehicles (ZEV). Starting 1/1/2027 they will be requiring 100% of all vehicles be ZEV. If adopted, the SLDMWA will need to be in compliance with this regulation.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: E2024002

Segment Code: M7-2025

Priority: B-4-c

Facility: JPP

Project Lead: SCADA

Project Title: Siphon Breaker Communication Upgrades

Estimated Total Cost: \$173,800.00

Labor: \$135,000

Materials: \$38,800

Contract Costs: \$0

Project Description and Scope:

The project will consist of removing the deteriorated 125vdc wiring alarming function and add PLC alarming over cellular and point to point back up communications. This work will be completed entirely by in-house crews. The Electric Shop staff will build a new electrical cabinet with PLC, run the necessary wiring, and assist the SCADA staff to align point to point dishes and cellular equipment. SCADA staff will complete the programming and lead the commissioning of the upgrades. The system will be tested to verify full functionality of all alarms prior to decommissioning the existing communications.

Project Purpose and Background

The Siphon House controls and indication system is an integral part of keeping the Jones Pumping Plant and the DMC operating reliably by ensuring that the Control Operations staff have accurate indication to the status and control of the equipment at the Siphon House which is located off-site. It is imperative to keep these systems up and running to avoid unnecessary or unexpected shut downs of the JPP. There has been a deterioration to the condition of the Siphon House equipment indication and controls over the years, resulting in loss of indication of the industrial water tank levels and the siphon breaker positioning. Communication losses have typically occurred during storms and repairs have been completed as quickly as possible while the long term, substantial repairs of the equipment have been deferred. Staff have determined that there is no longer redundancy in the wiring, making quick fixes no longer an option. A long-term solution must be implemented before there is a run to failure event.

Project Status:

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

Project No.: E2024003

Segment Code: M8-2025

Priority: B-4-c

Facility: JPP

Project Lead: SCADA

Project Title: Trashrake Controls Modernization

Estimated Total Cost: \$299,500.00

Labor: \$246,100

Materials: \$53,400

Contract Costs: \$0

Project Description and Scope:

The JPP Trash Rake Controls Modernization will include the modernization of the PLC hardware, the HMI hardware, and replacement of the panel backplate and internal panel devices. All obsolete equipment will be replaced with modern equipment that will allow integration into the existing SCADA system. Remote functionality and control will be analyzed and implemented to suit the needs of the Control Operators, and provide the best protection and operation of the equipment.

Project Purpose and Background

The JPP Trash Rake is a critical feature of the plant required for the uninterrupted operation of the units. The new trash rake was installed by Reclamation over 13 years ago, and the controls are now obsolete and in need of modernization. Spare parts are no longer available. In the event of a failure, communication equipment will need to be either sent out for repair, or be purchased used from unreliable sources such as Ebay. Neither of these repair options are preferable for equipment that can reduce the reliability of the Jones Pumping Plant.

Project Status:

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

Project No.: M2019002

Segment Code: M3-2025

Priority: B-4-c

Facility: JPP

Project Lead: MENG

Project Title: Sand Filter System Rehabilitation

Estimated Total Cost: \$458,800.00

Labor: \$245,200

Materials: \$16,800

Contract Costs: \$196,800

Project Description and Scope:

The rehabilitation of the sand filter system will be a replacement-in-kind of the filter tanks, piping, and critical components. This work scope will be executed in a phased manner in order to keep the sand filter system functioning and therefore, allowing for continuous operation of the JPP. The JPP machine shop crew will be used to support the installation of the new filters.

Project Purpose and Background

The JPP sand filter system is composed of 4 filter tanks. The tanks are 84 inches in diameter and 72 inches tall with 4 inch inlet and outlet piping. The filter tanks have had the media replaced and minor repairs completed to the tanks over the past 65 years. The walls of the tank are deteriorating and will likely start leaking within the next 10 years. Following the replacement of the sand filter tanks, piping, and critical components, the rehabilitated sand filter system will provide over 25 years of reliable operation.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: M2019028

Segment Code: M4-2025

Priority: B-4-c

Facility: JPP

Project Lead: SCADA

Project Title: Plant Flowmetering System Rehabilitation

Estimated Total Cost: \$354,000.00

Labor: \$78,000

Materials: \$180,000

Contract Costs: \$96,000

Project Description and Scope:

The project will include a complete inspection of all existing components. Each sensor array will be tested and any failing sensors or suspect mounting brackets will be replaced. This work will require onsite support from the manufacturer's (Accusonic) technical representative. The Accusonic technicians will need to bring their calibration equipment and confirm proper alignment and signal strength. The external control panels were recently upgraded and will not require any work, however the housing and shade structure will be inspected and rehabilitated as needed.

Project Purpose and Background

The JPP flow metering system was installed in 2009 and has been very reliable and proven to retain its accuracy over the years. Several sensors have experienced damage from debris, and the redundant sensors have been placed into use leaving the system vulnerable to any future damage or failures. To ensure long term reliability and accuracy it is prudent to replace prior to failure. Accurate water balance of the Delta-Mendota Canal (DMC) is critical, and is dependent upon accurate flowmetering at the headworks of the DMC.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: C2023004

Segment Code: L5-2025

Priority: B-5-b

Facility: DMC

Project Lead: CIVIL

Project Title: Underdrain Sedimentation Removal Project

Estimated Total Cost: \$1,087,400.00

Labor: \$493,200

Materials: \$3,800

Contract Costs: \$590,400

Project Description and Scope:

This project will clean 19 existing concrete underdrains that route stormwater under the DMC at various locations. Authority staff proposes to contract services from a qualified contractor with specialized equipment, that would assist with cleaning the underdrains through a combination of hydro jetting truck and a vacuum truck system. Hydrojetting uses a high pressure water stream to cut through silt however the large barrels and length of each culvert will require multiple passes to clean. For those culverts that are 4 ft. x 4 ft. and larger, a confined space entry personnel would enter the culvert to remove loosened material from the walls after jetting followed by final jetting. Culverts smaller than 3.5 ft. x 3.5 ft. will require that both a hydrojet and hydrovac be placed at opposite ends of the culvert. Jetted material will be vacuumed and placed in a drying bed.

To accommodate the equipment, staff will be required to perform site modifications such as grading and graveling to provide the vactruck and hydrojetters suitable access to the inlets and outlets of the drains. Site modifications will require equipment operators on grading equipment, material handling equipment, and dump trucks. Additionally, staff will need to perform outreach to affected member agencies and adjacent landowners to gain access to drains which will typically require traveling on private lands where the ROW is narrow. A biological services contract will be required prior to any ground disturbances with the potential of biological monitoring for sensitive areas. Once all the underdrains have been cleared, a PM system will be developed to keep the drains clear and functioning properly.

Project Purpose and Background

During recent inspections associated with the DMC Subsidence project, many underdrains have been identified to be either partially or fully plugged with sediment. Subsidence of the canal has likely contributed to water backing up and resulted in sediment settling out within the drains. Reclamation has stressed the need to have all drains cleaned to allow the design storm flows to pass under the canal because fully functional drains are an assumption of the TSC designers working on the DMC Subsidence Correction Project. Fully functional drains are also required to protect the integrity of the canal and are an O&M activity required in the Transfer Agreement. Due to depths and lengths of the drains, specialized equipment is required to remove the sediment.

Project Status:

FY2025 Project - Awaiting approval/funding

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

Project No.: M2019044

Segment Code: M5-2025

Priority: B-5-c

Facility: JPP

Project Lead: MENG

Project Title: Machine Shop Crane Rehabilitation

Estimated Total Cost: \$114,400.00

Labor: \$56,200

Materials: \$1,200

Contract Costs: \$57,000

Project Description and Scope:

The project will include a complete inspection of the electrical and mechanical components by a contractor with staff support. All suspect or failing equipment shall be replaced. All wear and load bearing components will be checked, and any failing or out of specification parts will be replaced. After the completion of this project, a Quadrennial load test will be performed. The Water Authority has the necessary weights, and will contract with a crane inspection company for certification of crane following replacement of failed components.

Project Purpose and Background

The JPP Machine Shop crane is a 21 ton bridge crane that has both radio and pendant controls. All of the mechanical equipment is original other than the wire rope. The electrical system has had various small updates as equipment fails, but is basically original. The crane is used daily and is critical to the ability of the plant crews to maintain JPP.

Project Status:

FY2025 Project - Awaiting approval/funding

San Luis & Delta-Mendota Water Authority

Extraordinary O&M Projects

Project Description and Justification Sheet

Project No.: C2023005

Segment Code: L6-2025

Priority: C-6-c

Facility: ALL

Project Lead: CIVIL

Project Title: EO&M Program Management

Estimated Total Cost: \$1,318,400.00

Labor: \$188,000

Materials: \$0

Contract Costs: \$1,130,400

Project Description and Scope:

This project would consist of entering into and managing a Professional Services contract with a qualified engineering firm that would provide the following consulting services:

- (PHASE 1 ONLY) Prepare Budgetary/Preliminary Cost Estimates for all the current projects on the SLDMWA EO&M/CIP Project 10-Year Plan. The cost estimates shall be developed consistent with the requirements of Reclamation Standards and Directives (FAC-09-01) - Cost Estimating
- Prepare Budgetary/Preliminary Cost Estimates for any new project(s) added to the SLDMWA EO&M/CIP Project 10-Year Plan. The cost estimates shall be developed consistent with the requirements of Reclamation Standards and Directives (FAC-09-01) - Cost Estimating
- Perform project design and preparation of technical specifications and drawings for the identified approved SLDMWA EO&M/CIP projects. Prepare an engineer's estimate based on the design.
- Perform Project Management services for identified approved SLDMWA EO&M/CIP projects.
- Prepare Project Description and Justification documents along with a detailed up-to-date cost estimate, using the SLDMWA budget submittal format, for each of the proposed projects for the upcoming fiscal year (FY). Prepare and present the proposed EO&M/CIP project budget information to the SLDMWA O&M Technical Committee.

The engineering staff will be required to support the consultant with identifying the project scope parameters, providing design data as requested, coordinating site visits, attending project meetings, and reviewing and approving progress invoices.

Project Purpose and Background

The age of facilities that SLDMWA has O&M responsibility for have significantly increased since the SLDMWA was organized. As of 2023, the Delta-Mendota Canal and Jones Pumping Plant have been in service over 70 years old and the O'Neill Pumping-Generating Plant for 55 years. As such, the number and complexity of the Extraordinary O&M (EO&M) projects over the last several years have significantly increased as well. The existing SLDMWA Engineering Department staff can no longer provide the necessary resources to adequately support both EO&M and Regular O&M programs engineering activities. Staff recommends the engineering support for the EO&M program be performed under a professional services agreement with a multi-disciplinary engineering consultant. The consultant will manage cost estimates and project priorities on the SLDMWA EO&M/CIP 10-Year Plan and perform design services and project management on assigned projects on the 10-Year Plan. This will allow the SLDMWA Engineering Department to properly manage all the Regular O&M Responsibilities with the current staffing levels.

Project Status:

New Project added in FY2025 - Awaiting approval/funding waiting for approval

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

Project No.: S2024001

Segment Code: D4-2025

Priority: B-4-c

Facility: ALL

Project Lead: SCADA

Project Title: SCADA Replacement & Modernization Program (Reserve Fund)

Estimated Total Cost: \$425,300.00

Labor: \$331,700

Materials: \$93,600

Contract Costs: \$0

Project Description and Scope:

The SCADA equipment scheduled to be replaced this fiscal year is summarized in the attached 10-year plan. Included in the project is the labor associated with the installation of the new equipment. Note: All recurring annual subscription and maintenance costs are incorporated into the RO&M budget utilizing region 51.

Project Purpose and Background

In FY23, the SCADA System Evaluation project was funded. That project was successful in creating an inventory of the equipment in place, upgrading critical components of the SCADA system and creating this 10-year plan. The 10-year plan is a proactive plan to upgrade and replace hardware in a planned, proactive manner to ensure the SCADA system remains current and reliable with built-in redundancies. PLC's, workstations, modems, servers and switches are included in this 10-year plan. In addition, due to new security requirements by the DOI, Nerc, CIS, and the state of California certain upgrades to the system securities will need to be implemented.

Project Status:

See attached SCADA Modernization 10 Year Plan.

**San Luis & Delta-Mendota Water Authority
SCADA Replacement & Modernization Program
10-YEAR PLAN**

Device	Description	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
Hardware (5523)											
PLC's	Obsolete Check PLC's	\$35,000.00	\$37,500.00	\$37,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00
Computer	Mission critical workstations	\$7,500.00	\$4,500.00	\$3,000.00	\$6,720.00	\$8,400.00	\$5,040.00	\$3,360.00	\$7,526.40	\$9,408.00	\$5,644.80
AT&T APN Modems	Air gapping process (Cyber Security)	\$11,500.00	\$5,000.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Workstation with Monitors		\$3,500.00	\$2,250.00	\$0.00	\$3,920.00	\$3,920.00	\$2,520.00	\$0.00	\$4,390.40	\$4,390.40	\$2,822.40
Servers		\$18,000.00	\$12,500.00	\$0.00	\$8,400.00	\$20,160.00	\$14,000.00	\$0.00	\$0.00	\$9,408.00	\$22,579.20
Laptops		\$0.00	\$0.00	\$4,000.00	\$4,250.00	\$0.00	\$0.00	\$4,480.00	\$4,760.00	\$0.00	\$0.00
Switches		\$0.00	\$0.00	\$0.00	\$12,000.00	\$0.00	\$0.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,001.00
Thin Clients and Monitors		\$2,500.00	\$2,500.00	\$2,500.00	\$1,850.00	\$0.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$0.00
	SubTotal:	\$78,000.00	\$64,250.00	\$50,000.00	\$37,140.00	\$32,480.00	\$24,560.00	\$10,840.00	\$19,676.80	\$26,206.40	\$34,048.40
	20% Contingency:	\$15,600.00	\$12,850.00	\$10,000.00	\$7,428.00	\$6,496.00	\$4,912.00	\$2,168.00	\$3,935.36	\$5,241.28	\$6,809.68
	Total w/ Contingency:	\$93,600.00	\$77,100.00	\$60,000.00	\$44,568.00	\$38,976.00	\$29,472.00	\$13,008.00	\$23,612.16	\$31,447.68	\$40,858.08

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

Project No.: V1999001

Segment Code: D2-2025

Priority: B-5-b

Facility: ALL

Project Lead: CSUPT

Project Title: Heavy Equipment Replacement Program (Reserve Fund)

Estimated Total Cost: \$98,300.00

Labor: \$14,300

Materials: \$0

Contract Costs: \$84,000

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 Heavy 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.

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
EQUIPMENT REPLACEMENT JUSTIFICATION FORM
FY2025**

TILT BED TRAILER

ESTIMATE COST: \$70,000

EXISTING EQUIPMENT INFORMATION

VEHICLE NO: 8078	YEAR: 2011	AGE (YRS.): 12
MAKE: Jacobson	MODEL: T40-40	
DEPARTMENT: Civil Maintenance	MAINTENANCE YARD: LBFO	
CURRENT MILES:	PROJECTED HOURS WHEN REPLACED:	
MECHANICS RATING OF VEHICLE:	<i>POOR: X</i>	<i>FAIR:</i> <i>GOOD:</i>

DESCRIPTION AND JUSTIFICATION

DESCRIPTION OF EQUIPMENT USE WITHIN THE AUTHORITY:

This trailer is used for moving heavy equipment in support of work on the DMC and other WA Facilities. It is typically used for the moving of the backhoes and front end loaders but is also used in various other capacities to move large loads. Reliable equipment hauling trailers are necessary to support work along the DMC and to support many other WA activities.

REASON (S) FOR REPLACEMENT:

This trailer is 12 years old. The maintenance department has had multiple problems with this trailer and has performed numerous repairs. It is considered unreliable, and needs to be replaced.

The purchase of a used trailer has been evaluated and no used trailers in reasonable condition have been found in our geographical area. The following trailers were located and determined to not be of value to the Water Authority:

1. 1992 40', 20Ton trailer in Washington for \$14,750: Poor condition
2. 2008 40', 20 Ton trailer in Virginia for \$14,900: Poor condition
3. 2013 40', 20 Ton trailer (non tilt) in Minnesota for \$23,500: Good condition, does not meet needs

Date Prepared: 8/22/2023

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

Project No.: V1999002

Segment Code: D1-2025

Priority: B-6-c

Facility: ALL

Project Lead: CSUPT

Project Title: Vehicle Replacement (Reserve Fund)

Estimated Total Cost: \$191,300.00

Labor: \$20,900

Materials: \$0

Contract Costs: \$170,400

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 Program has been met. The purpose of this Reserve Project is to set-aside funding annually for replacement of the Authority vehicles. The 10-Year Replacement Plan will be presented for approval each year.

Project Purpose and Background

The San Luis & Delta-Mendota Water Authority Vehicle Replacement Program 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
FY2025 Frontline Vehicles

Veh No.	FRONT LINE VEHICLE DESCRIPTION	Vehicle User	A Model Year	Assigned To:	B Est. MILEAGE ON 3/1/2024	C Average Miles Per Year	D Calculated Years to Replacement (150K or 15 yrs) ^{1,2}	E Calculated FY for Replacement (Mileage or Age)	Est. Mileage at Replacement	Proposed FY for Replacement	Estimated Replacement Cost (FY2019\$)	Future ZEV	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
													Current Calendar Year (CCY) = 2024	B ÷ (CCY - A)	(150K-B) ÷ C or 15 yrs	Current FY+D or A + 15 yrs	B + (E-Current FY) × C	To be reviewed each year	To be updated each year			
8091	Small SUV	Frank R	2013	Safety Officer	138,008	13,801	1	2025	138,008	2025	\$36,000		\$36,000									
8141	1/2 Ton Pickup	R. Martin	2018	LBFO Canal Operations	130,720	26,144	1	2025	130,720	2025	\$41,000		\$41,000						\$41,000			
8147	3/4 Ton Pickup w/Utility Body ²	M. Costa	2019	LBFO Canal Operations	128,120	32,030	1	2025	128,120	2025	\$65,000	X	\$65,000									
8105	1 Ton Utility Truck-Diesel	CMLB	2014	LBFO Civil Maint.	118,615	13,179	3	2027	131,794	2026	\$92,000	X	\$92,000									
8143	1/2 Ton Pickup. 4WD. Crew Cab	C. Lee	2019	O&M Manager	110,100	27,525	2	2026	137,625	2026	\$65,000		\$65,000							\$65,000		
8062	1/2 Ton Pickup	J. Amaya	2009	TFO Electric Shop	91,062	6,504	10	2024	97,566	2026	\$41,000		\$41,000									
8153	Mid Size SUV ¹	F. Barajas	2020	Exec. Director	96,000	32,000	2	2026	128,000	2026	\$48,000		\$48,000							\$48,000		
8073	3/4 Ton 4x4 Pickup	Equip. Oper	2011	TFO Civil Maint.	92,200	7,683	8	2026	99,883	2026	\$58,000	X	\$58,000									
8069	3/4 Ton Pickup	Equip. Oper	2010	TFO Civil Maint.	98,060	7,543	7	2025	105,603	2026	\$56,000	X	\$56,000									
8131	1/2 Ton Pickup	S. Harris	2018	Watermaster	105,320	21,064	3	2027	126,384	2026	\$36,000	X	\$36,000								\$36,000	
8156	3/4 Ton Pickup w/Utility Body ²	L. Simonich	2020	TFO Canal Operations	47,900	15,967	1	2025	79,833	2027	\$65,000				\$65,000							
8165	Sedan ¹	P. Arroyave	2021	COO	75,000	37,500	2	2026	150,000	2027	\$38,000				\$38,000						\$38,000	
8159	Mid Sized SUV ¹	Bob M	2020	Facility O&M Director	56,830	18,943	5	2029	94,717	2027	\$48,000				\$48,000						\$48,000	
8118	1/2 Ton Pickup	Michael F	2017	Mechanical Engineer	55,000	9,167	11	2032	73,333	2027	\$41,000				\$41,000							
8061	1 Ton Pickup w/Utility Body	JPP	2009	JPP Machine Shop	21,000	1,500	15	2024	24,000	2027	\$80,000	X	\$80,000									
8081	Small SUV	Dan Nunes	2012	SCADA Engineer	64,400	5,855	15	2027	76,109	2027	\$36,000				\$36,000							
8110	3/4 Ton Pickup w/Utility Body	A. Jorge	2016	LBFO Civil Maint	106,340	15,191	3	2027	136,723	2027	\$65,000	X	\$65,000									
8103	3/4 Ton Pickup. 4WD	Robert Huff	2014	LBFO Civil Maint	115,100	12,789	3	2027	140,678	2027	\$58,000	X	\$58,000									
8158	1/2 Ton Pickup. 4x4	B. Soares	2020	LBFO Civil Maint. Super	76,550	25,517	3	2027	153,100	2028	\$45,000					\$45,000						
8142	Small SUV	S.Petersen	2019	Water Policy Director	67,000	16,750	5	2029	117,250	2028	\$36,000				\$36,000							
8033	3/4 Ton Pickup	J. Miller	2006	JPP Machine Shop	80,000	4,706	15	2021	94,118	2028	\$56,000	X	\$56,000				\$56,000					
8137	3/4 Ton Pickup w/Flat Bed (Spray Truck)	CMLB	2018	LBFO Civil Maint.	63,100	12,620	7	2031	126,200	2030	\$80,000	X	\$80,000					\$80,000				
8139	1 Ton Pickup w/Utility Body - Diesel	CMT	2018	TFO Civil Maint.	66,300	13,260	7	2031	132,600	2030	\$92,000	X	\$92,000						\$92,000			
8140	1 Ton Pickup w/Utility Body - Diesel	CMLB	2018	LBFO Civil Maint.	75,300	15,060	5	2029	150,600	2030	\$92,000	X	\$92,000						\$92,000			
8106	1 Ton Utility Truck - Diesel	D. Ocegueda	2014	TFO Civil Maint.	28,700	3,189	15	2029	44,644	2030	\$91,000	X	\$91,000					\$91,000				
8111	1 Ton Pickup w/Utility Body	R. Hernandez	2016	LBFO Civil Maint	30,200	4,314	15	2031	56,086	2031	\$75,000	X	\$75,000						\$75,000			
8149	1 Ton Pickup w/Utility Body - Diesel	CMT	2019	TFO Civil Maint.	52,700	13,175	8	2032	131,750	2031	\$92,000	X	\$92,000						\$92,000			
8161	3/4 Ton Pickup	M. Garcia	2020	LBFO Civil Maint.	20,500	6,833	15	2035	68,333	2032	\$56,000	X	\$56,000							\$56,000		
8164	Mid Sized SUV	J. Bejarano	2021	Civil Engineer	23,800	11,900	11	2035	107,100	2032	\$43,000									\$43,000		
8144	Small SUV	SGMA	2019	Civil Engineer-Ground Water	31,500	7,875	15	2034	102,375	2034	\$36,000											\$36,000
8167	1/2 Ton Pickup	JPP	2022	JPP Machine Shop	48,100	48,100	3	2027	481,000	2034	\$48,000											\$48,000
8169	3/4 Ton Pickup w/Utility Body	M. Izoco	2022	Oneill PP	6,660	6,660	15	2037	66,600	2034	\$65,000	X	\$65,000									
8168	1/2 Ton Pickup	Y. Suarez	2021	OPP C&I	12,100	6,050	15	2036	66,550	2034	\$48,000											
8035	3/4 Ton Pickup w/Utility Body	ESHOP	2006	TFO Electric Shop	92,258	5,427	11	2021	75,977	2022	\$40,000											
8034	3/4 Ton Pickup w/Utility Body	ESHOP	2006	TFO Electric Shop	91,420	5,378	11	2021	75,287	2022	\$40,000											
8174	1/2 Ton Ext Cab 4X4 ²	P. Nacci	2023	LBFO Canal Operations	18,000	33,000	4	2028	150,000	2023	\$40,000											\$40,000
8122	1/2 Ton Pickup ²	K. Silva	2017	TFO Canal Operations	176,410	29,402	-2	2022	117,607	2023	\$27,500											\$27,500
8123	1/2 Ton Pickup ²	Rodney Huff	2017	LBFO Canal Operations	19,600	3,267	-2	2022	13,067	2023	\$27,500											\$27,500
8175	1/2 Ton Ext Cab 4X4 ²	Walsh	2023	LBFO Eng. HT3	18,000	33,000	4	2028	150,000	2023	\$40,000											\$40,000
8107	3/4 Ton Pickup w/Utility Body ²	Hydrographer	2016	TFO Canal Operations	165,000	23,571	-1	2023	141,429	2024	\$50,000											
8120	Mid Sized Sedan	S. Davis	2017	IT	148,100	24,683	1	2025	123,417	2024	\$31,000											
8177	1/2 Ton Pickup	J. Willyard	2023	Operations Supervisor	15,000	24,000	6	2030	159,000	2031	\$32,000											
8179	1/2 Ton Pickup	R. Nazabel	2023	TFO Civil Maint.Foreman	10,000	22,000	7	2031	164,000	2032	\$32,000											
8176	Small SUV	Jaime M.	2024	Engineering Manager	12,000	20,000	7	2031	132,000	2031	\$32,000											
8178	1/2 Ton Pickup ²	S. Posey	2023	LBFO Canal Operations	15,000	30,000	5	2029	135,000	2029	\$33,000											

Notes: 45

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.

FY22 Funds Budgeted/PO Issued, awaiting delivery
FY23 Funds Budgeted/PO Issued, awaiting delivery
FY24 Funds Budgeted/PO Issued, awaiting delivery
Denotes FY25 scheduled replacements

Total	\$ 142,000	\$ 396,000	\$ 431,000	\$ 137,000	\$ 135,000	\$ 355,000	\$ 208,000	\$ 212,000	\$ 122,000	\$ 84,000
# of Vehicles Replaced	3	7	8	3	4	4	3	4	3	2
3% Inflation Factor per Year	\$ 4,260	\$ 24,116	\$ 39,965	\$ 17,195	\$ 21,502	\$ 68,889	\$ 47,814	\$ 56,555	\$ 37,182	\$ 28,889
Total Dollar Amount	\$ 146,300	\$ 420,200	\$ 471,000	\$ 154,200	\$ 156,600	\$ 423,900	\$ 255,900	\$ 268,600	\$ 159,200	\$ 112,900
NOTE: Vehicle replacement costs rounded up to the nearest \$500.										Grand Total \$ 2,422,500

Inflation Adjustment	1.03	1.0609	1.0927	1.1255	1.1593	1.1941	1.2299	1.2668	1.3048	1.3439
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**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
VEHICLE REPLACEMENT JUSTIFICATION FORM
FY2025**

SMALL SUV

ESTIMATE COST: \$36,000

<u>EXISTING VEHICLE INFORMATION</u>			
VEHICLE NO: 8091	YEAR: 2013	AGE (YRS.): 10	
MAKE: Chevrolet	MODEL: Equinox		
DEPARTMENT: Safety Officer	MAINTENANCE YARD: TFO		
CURRENT MILEAGE: 124,100	PROJECTED MILEAGE WHEN REPLACED: 131,000		
MECHANICS RATING OF VEHICLE: POOR: FAIR: X GOOD:			
<u>DESCRIPTION AND JUSTIFICATION</u>			
DESCRIPTION OF VEHICLE USE WITHIN THE AUTHORITY:			
This vehicle is used by the Safety Officer. The Safety Officer is responsible for coordinating safety activities associated with the routine and emergency operations at the JPP, OPP, DMC and other WA Facilities.			
The Safety Officer is required to be available for call outs on a 24/7 basis. Therefore a highly reliable vehicle is a necessity of this position.			
REASON (S) FOR REPLACEMENT:			
At the time of replacement, the vehicle will be at approximately 131,000 miles. It will exceed 150,000 miles in FY25; which is one of the replacement criteria for vehicles.			
This vehicle will be reassigned to another department as a secondary use vehicle.			
<u>INTENDED USE AFTER REPLACEMENT:</u>			
<i>REASSIGNMENT TO:</i> Engineering		<i>SURPLUS:</i>	
<u>VEHICLE TO BE SURPLUSED:</u>			
VEHICLE NO: 8101	YEAR: 2014	AGE (YRS.): 9	
MAKE: Chevy	MODEL: Traverse		
DEPARTMENT: Engineering	MAINTENANCE YARD: TFO		
CURRENT VEHICLE MILEAGE: 180,000			
MECHANICS RATING OF VEHICLE: POOR: X FAIR: GOOD:			
GENERAL NOTE:			

Date Prepared: 8/22/2023

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
VEHICLE REPLACEMENT JUSTIFICATION FORM
FY2025**

1/2 TON PICKUP

ESTIMATE COST: \$41,000

<u>EXISTING VEHICLE INFORMATION</u>			
VEHICLE NO: 8141	YEAR: 2018	AGE (YRS.): 5	
MAKE: Ram	MODEL: 1500		
DEPARTMENT: Canal Operations	MAINTENANCE YARD: LBFO		
CURRENT MILEAGE: 109,000	PROJECTED MILEAGE WHEN REPLACED: 130,800		
MECHANICS RATING OF VEHICLE:	<i>POOR:</i> X	<i>FAIR:</i>	<i>GOOD:</i>
<u>DESCRIPTION AND JUSTIFICATION</u>			
DESCRIPTION OF VEHICLE USE WITHIN THE AUTHORITY:			
This vehicle is assigned to LBFO Canal Operations. It is used for routine, daily operations associated with the DMC.			
REASON (S) FOR REPLACEMENT:			
Due to the high use of vehicles by the Canal Operations department, this vehicle is scheduled for replacement every 5 to 6 years or 150,000 miles. This vehicle will exceed 150,000 miles in FY25.			
<u>INTENDED USE AFTER REPLACEMENT:</u>	<i>REASSIGNMENT TO:</i>	<i>SURPLUS:</i> X	
<u>VEHICLE TO BE SURPLUSSED:</u>			
VEHICLE NO:	YEAR:	AGE (YRS):	
MAKE:	MODEL:		
DEPARTMENT:	MAINTENANCE YARD:		
CURRENT VEHICLE MILEAGE:			
MECHANICS RATING OF VEHICLE:	<i>POOR:</i>	<i>FAIR:</i>	<i>GOOD:</i>
GENERAL NOTE:			

Date Prepared: 8/22/2023

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
VEHICLE REPLACEMENT JUSTIFICATION FORM
FY2025**

¾ TON PICKUP WITH UTILITY BODY

ESTIMATE COST: \$65,000

<u>EXISTING VEHICLE INFORMATION</u>			
VEHICLE NO: 8147	YEAR: 2019	AGE (YRS.): 4	
MAKE: Ram	MODEL: 2500		
DEPARTMENT: Canal Operations	MAINTENANCE YARD: LBFO		
CURRENT MILEAGE: 105,000	PROJECTED MILEAGE WHEN REPLACED: 129,000		
MECHANICS RATING OF VEHICLE:	<i>POOR:</i>	<i>FAIR: X</i>	<i>GOOD:</i>
<u>DESCRIPTION AND JUSTIFICATION</u>			
DESCRIPTION OF VEHICLE USE WITHIN THE AUTHORITY:			
This vehicle is assigned to LBFO Canal Operations. It is used for routine meter repairs and operations associated with the DMC. These functions include but not limited to:			
<ul style="list-style-type: none"> ➤ Routine servicing meters ➤ Performing flow testing ➤ Routine operation of the DMC 			
REASON (S) FOR REPLACEMENT:			
Due to the high use of vehicles by the Canal Operations department, this vehicle is scheduled for replacement every 5 to 6 years or 150,000 miles. This vehicle will exceed 150,000 miles in FY25			
This vehicle will be reassigned to another department as a secondary vehicle.			
<u>INTENDED USE AFTER REPLACEMENT:</u>			
<i>REASSIGNMENT TO:</i> OPP		<i>SURPLUS:</i>	
<u>VEHICLE TO BE SURPLUSSED:</u>			
VEHICLE NO: 8070	YEAR: 2011	AGE (YRS.): 13	
MAKE: Ford	MODEL: F-250		
DEPARTMENT: ES	MAINTENANCE YARD: TFO		
CURRENT VEHICLE MILEAGE: 165,000			
MECHANICS RATING OF VEHICLE:	<i>POOR: X</i>	<i>FAIR:</i>	<i>GOOD:</i>
GENERAL NOTE:			

Date Prepared: 8/22/2023

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

Project No.: C2011001

Segment Code: D3-2025

Priority: B-7-c

Facility: ALL

Project Lead: CIVIL

Project Title: Facility Infrastructure Replacement/Rehabilitation Program

Estimated Total Cost: \$269,600.00

Labor: \$22,400

Materials: \$0

Contract Costs: \$247,200

Project Description and Scope:

The projects planned for the Facility Infrastructure Replacement/Rehabilitation Program are summarized in the attached 10-year plan.

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 the Delta-Mendota Canal through the transfer agreement. Certain infrastructure, such as the Tracy Field Office, the Los Banos Field Office and the Los Banos Administration Office are in place to provide the necessary office and work space to properly support the O&M of the transferred works. The majority of this infrastructure was constructed in the 1950's and 1960's and the existing buildings at the Tracy Field Office were built in 1996. The purpose of this reserve fund is to fund required repairs/rehabilitation projects as they are needed.

Project Status:

See attached Facility Infrastructure 10 Year Plan.

**San Luis & Delta-Mendota Water Authority
Facility Infrastructure 10 Year Plan**

	How Often (Yrs)	Est. Cost (x1000)	Year Last Performed	Forecasted Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Tracy Field Office Facilities					\$ 200	\$ 133	\$ 16	\$ -	\$ 50	\$ -	\$ 45	\$ 21	\$ -	\$ -
Entire O&M Compound					\$ 105	\$ 20	\$ -	\$ -	\$ 50	\$ -	\$ 45	\$ -	\$ -	\$ -
Asphalt Pavement Areas					\$ 105	\$ -	\$ -	\$ -	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -
Seal Coat Surfacing & Striping (incl USBR Lot)	5	41	2017	2022	\$ 105				\$ 50					
Alarm & Security Systems					\$ -	\$ 20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fire Alarm System Replacement	30	20	2011	2041										
Front Entry Gate - Keypad Replacement						\$ 20								
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 (72 Years Old)					\$ -	\$ -	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roofing Systems					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Re-seal/Overlay/Replacement	20	15	2021	2041										
Building Interior/Exterior Components					\$ -	\$ -	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interior Maintenance (Painting)	20	10	2007	2027			\$ 10							
Kitchen Remodel	25	15	1980	2005										
Flooring Replacement (Carpet/Tile)	15	20	2007	2022										
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 (28 Years Old)					\$ 70	\$ 18	\$ 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roofing Systems					\$ 70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repair/Replacement	25	25	1996	2021	\$ 70									
Building Interior/Exterior Components					\$ -	\$ 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										
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										
Adminstration/Electric Shop Building (28 Years Old)					\$ -	\$ 70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roofing Systems					\$ -	\$ 70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repair/Replacement	25	25	1996	2021		\$ 70								
Building Interior/Exterior Components					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building HVAC					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Fire Protection System					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Component Replacement (Sprinklers & Detectors)	50	10	1996	2046										
Civil/Vehicle Maintenance Building (28 Years Old)					\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roofing Systems					\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roof Repair/Replacement	25	25	1996	2021	\$ 25									
Building Interior/Exterior Components					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building HVAC					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Fire Protection System					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Component Replacement (Sprinklers & Detectors)	50	10	1996	2046										
Sandblast and Paint Building (22 Years Old)					\$ -	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21	\$ -	\$ -

**San Luis & Delta-Mendota Water Authority
Facility Infrastructure 10 Year Plan**

	How Often (Yrs)	Est. Cost (x1000)	Year Last Performed	Forecasted Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Roofing Systems					\$ -	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Roof Repair/Replacement</i>	25	25	2002	2027		\$ 25								
Building Interior/Exterior Components					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Exterior Maintenance (Painting)</i>	40	15	2002	2042										
Blast Room Air Flow System					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21	\$ -	\$ -
<i>Filter Replacement</i>	10	15	2022	2032								\$ 21		
<i>Air Compressor Replacement</i>	20	50	2022	2042										
<i>Shop Ventilation System Replacement</i>	20	50	2022	2042										
<i>Media Collection System</i>	20	75	2022	2042										
Building Fire Protection System					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Component Replacement (Sprinklers & Detectors)</i>	30	10	2002	2032										
Los Banos Field Office & Maintenance Facility					\$ -	\$ 57	\$ -	\$ 87	\$ -	\$ 25	\$ 45	\$ -	\$ -	\$ -
Entire O&M Compound					\$ -	\$ 20	\$ -	\$ 45	\$ -	\$ 25	\$ 45	\$ -	\$ -	\$ -
Asphalt Pavement Areas					\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25	\$ -	\$ -	\$ -	\$ -
<i>Seal Coat Surfacing & Striping (2009)</i>	10	20	2019	2029						\$ 25				
Alarm & Security Systems					\$ -	\$ 20	\$ -	\$ 45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Fire Alarm System Replacement (2008)</i>	20	20	2008	2028				\$ 20						
<i>Front Entry Gate - Keypad Replacement</i>						\$ 20								
<i>Security System Replacement (2008)</i>	20	25	2008	2028				\$ 25						
Domestic Water Well					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wash Water Recycling System					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Aboveground Fuel Storage System					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45	\$ -	\$ -	\$ -
<i>Tank Replacement (1993)</i>	40	20	1993	2033							\$ 20			
<i>Fuel Dispensing System Replacement</i>	15	20	2015	2030							\$ 20			
<i>Fuel Management Software Replacement (1993)</i>	15	5	2015	2030							\$ 5			
Office Building (17 Years Old)					\$ -	\$ 37	\$ -	\$ 42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Los Banos Administration Office Facility					\$ -	\$ -	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Building					\$ -	\$ -	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Offices					\$ -	\$ -	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Interior Maintenance (Painting)</i>	20	15	2000	2020										
<i>Office Partition Replacement</i>	20	10	2008	2028			\$ 10							
<i>Flooring Replacement (Carpet/Tile)</i>	20	25	2000	2020										
Alarm & Security Systems					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Plumbing System					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Kitchen/Lunchroom Remodel</i>	20	18	1992	2012										
TOTALS (x \$1000)					\$ 200	\$ 190	\$ 26	\$ 87	\$ 50	\$ 25	\$ 90	\$ 21	\$ -	\$ -
3% Inflation Factor per Year (x \$1000)					\$ 6.0	\$ 11.6	\$ 2.4	\$ 10.9	\$ 8.0	\$ 4.9	\$ 20.7	\$ 5.6	\$ -	\$ -
Yearly Total (x \$1000)					\$ 206	\$ 202	\$ 29	\$ 98	\$ 58	\$ 30	\$ 111	\$ 27	\$ -	\$ -
Yearly Total rounded up to the nearest \$1,000												10 Year Grand Total		\$ 899

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

Project No.: E2000004

Segment Code: D0-2025

Priority: C-6-b

Facility: ALL

Project Lead: NETW

Project Title: Replace Computer/Network Communication Equip (Reserve Fund)

Estimated Total Cost: \$480,300.00

Labor: \$205,500

Materials: \$163,200

Contract Costs: \$111,600

Project Description and Scope:

The computer/network communication equipment scheduled to be replaced this FY is summarized on the attached 10 year plan. Note: All recurring annual subscription and maintenance costs are incorporated in the RO&M budget utilizing region 51.

Project Purpose and Background

To ensure that the 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, fax machines, printers, office telephone systems, and fuel distribution systems and software 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. With the addition of the SCADA Engineer position in FY23, the SCADA network computers, switches and associated components were removed from this plan and were incorporated into the newly developed SCADA Replacement and Modernization Program 10-year plan. Certain Cybersecurity technology was added to the FY24 budget and additional technologies for FY25. Campus security system, workstations, servers, cameras, door and motion sensors and maintenance contracts, (upgrade recently performed by BOR), will also be part of FY25 and beyond.

Project Status:

Reserve Fund - See attached 10-year plan

SAN LUIS DELTA-MENDOTA WATER AUTHORITY
10-Year Network/Information Systems Equipment Replacement Plan

					No. in Use	Life-span (in year)	No. per Year	Cost EA	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	TOTAL			
Computers & Peripherals																							
	Computers - workstations	50	5	Note 1	\$1,100			\$3,300	\$3,300	\$45,100	\$3,300	\$3,300	\$3,300	\$45,100	\$5,000	\$5,000	\$5,000	\$5,000	\$55,000	\$176,700			
	Office Open License	50	7		\$395			\$1,185	EOL											\$1,185			
	Computers - laptops	42	4/5		\$2,700			\$27,000	\$2,700	\$13,500	\$27,000	\$24,300	\$5,400	\$9,000	\$29,700	\$27,000	\$7,000	\$11,000		\$183,600			
	Office Open License	42	7		\$395			\$3,950	EOL											\$3,950			
	Monitors	69	7	Note 2	\$350			\$7,000	\$7,000	\$1,050	\$1,050	\$1,050	\$1,050	\$7,000	\$2,000	\$2,000	\$7,000			\$43,200			
	Servers	8	5	Note 3				\$25,500	\$15,000				\$25,500	\$15,000		\$8,000	\$26,000			\$115,000			
	VM-Ware				\$1,500								\$3,000							\$3,000			
	Server OS for Virtual or Upgrade	8			\$700			\$4,200					\$6,000				\$12,000			\$22,200			
	CALS for Server or Upgrade	105	5		\$36			\$3,800					\$3,800				\$6,000			\$13,600			
	Server Application																						
	Exchange and CAL's	1/106			\$8,000				EOL														
	Office 365 (32 per user per Mo (384))	105	1	Note 16	\$384					\$17,940	\$9,750	\$9,360	\$17,940	\$9,750	\$9,360	\$17,940				\$92,040			
	SQL and CAL's																						
	Switches	12	5	Note 4							\$15,000					\$25,000				\$40,000			
	Backup System(s) Onsite	3	3	Note 5						\$20,000			\$20,000			\$30,000			\$35,000	\$105,000			
	Maintenance Renewals		2																				
	iPad	10	5	Note 15	\$950			\$14,250						\$19,000					\$30,000	\$63,250			
Cyber Security																							
	Anti-virus/spam software/image software	125	3	Note 6	\$70						\$8,750			\$8,750			\$8,750			\$26,250			
	Firewall(s)	2	5	Note 7				\$0	\$6,000	\$0	\$17,000			\$0	\$8,000					\$31,000			
	Cloud Back Up	3	3		\$1,885					\$5,700				\$5,700		\$5,700				\$17,100			
	Air Gapped Backup & Archive Device(s)	4	4		\$350			\$350	\$350	\$350	\$5,800	\$350	\$350	\$350	\$350	\$5,800	\$350	\$5,800	\$350	\$20,200			
	Training (End User)									\$8,000				\$8,000		\$8,000				\$24,000			
	Penetration Testing (Bi-Annual)							\$3,000		\$3,000				\$3,000		\$3,000				\$12,000			
	Intrusion Monitoring Appliance							\$40,000	\$40,000	\$40,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$57,600	\$57,600	\$57,600	\$57,600	\$542,400			
	Multi Factor Authentication			Note 18				\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$198,000			
Office Equipment																							
	Copiers	6	4-7	Note 9					\$12,000			\$28,000		\$6,000						\$46,000			
	Fax Machines	4	10	Note 10						\$500				\$500						\$1,000			
	Phone System	4	15	Note 11							\$15,000	\$10,000	\$15,000	\$15,000	\$45,000					\$100,000			
	Handsets								\$2,500		\$2,500		\$2,500		\$2,500					\$10,000			
	Printers	25	5-7		\$450			\$450	\$3,600	\$450	\$3,600	\$450	\$3,600	\$450	\$450	\$4,500	\$1,000	\$2,000		\$20,550			
	Plotter	1	10	Note 12	\$15,000										\$17,000					\$17,000			
Other Equipment																							
	Fuel System	1	10					\$35,000												\$45,000	\$80,000		
	Campus Security (Support/Maintenance/Parts)			Note 19				\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$495,000		
								\$228,985	\$178,450	\$210,290	\$242,000	\$218,110	\$225,590	\$200,200	\$308,410	\$243,840	\$141,400	\$305,950	\$2,503,225	\$2,503,225	\$2,503,225		
								26-D0-10-25	26-D0-10-26	26-D0-10-27	26-D0-10-28	26-D0-10-29	26-D0-10-30	26-D0-10-31	26-D0-10-32	26-D0-10-33	26-D0-10-34	26-D0-10-35					
								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 \$1,00 per PC includes Operating System Software for the workstation (e.g. MS Windows 10 , 11 etc..).															
								Note 2: Replace flat panel monitors as needed.															
								Note 3: Replace Active Directory, Storage, File, & LBAO servers.Future move to VM. The amounts include the Operating System Software and Client Access Licenses, CAL's) on physical servers only.															
								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: (IT&OT)Support & upgrades are purchased every three years due to the cost savings but not for longer due to the changes in technology.															
								Note 7: Replace hardware with 3-year software support/updates then Purchase 2-year support/update contract and repeat															
								Note 9: Replace Warehouse copier(s)Tracy, Sacramento,Warehouse, LBAO, LBFO.															
								Note 10: Replaced the TAO and LBAO fax machines in 2023. Next replacement scheduled 2027. hope to move to Email as a Fax(dependent on insurancw requirements															
								Note 11: Replace the Tracy phone system in 2032.															
								Note 12: Plotter prices increased over 10 yrs and includes extended warranty															
								Note 14: (IT&OT)\$6 per user per Mo. 125 users New for FY23 -renew 3yr term-required by Cyber Insurance and Executive Order															
								Note 15: Purchased for STORM 2019/FY20 Estimated 5yr life in outdoor environment Price includes safety cover/ future use will also include Shepherd Service order system															
								Note 16: 3yr licenses. Microsoft has discontinued perpetual lic module for a SaaS model. Cost will increase from \$379 per Device for 5-7 years to \$384 per user per Y															
								Note 17: Newly created category that will expand with more line items in future years as technology evolves and matures. And new legal and Insurance requirements are imposed															
								Note 18: Initial purchase from FY24 RO&M and future multiyear discounted to be purchased via EO&M 10yr															
								Note 19: New category/item BOR installing upgraded system- WA required to maintain system after completed. Estimated WAC															
								EOL = End of Life															

ATTACHMENT 4

EO&M/CIP Project Carryover Information

**SAN LUIS DELTA-MENDOTA WATER AUTHORITY
FUND 26 EOM RESERVE FUNDING STATUS @ 08/31/2023**

Actual Expenses Through 08/31/23
FUND 26

Projected 3/1/98 - 2/28/24 Estimated Cumulative E O&M Reserve Funding \$ 59,790,350.00

Estimated Cumulative E O&M Reserve Funding Interest
Earnings/Other \$ 1,285,082.58
Total Estimated Cumulative Reserve Funding \$ 61,075,432.58



Total Estimated Cumulative Reserve Funding \$ 61,075,432.58

Less Estimated Amount Allocated to Emergency Reserve through 2/28/23 \$ (2,214,945.85)

Estimated Reserve Funding Available for E O&M Project Expense through 2/28/23 \$ 58,860,486.73

Cumulative E O&M Project Expense through 8/31/23 \$ (43,428,344.86)
Estimated Remaining Expense for Open EO&M Projects through completion \$ (14,822,055.20)

***Estimated Excess Cumulative Reserve Funding Available @ 08/31/23 \$ 610,086.67**

*Estimated Excess Collections to Levelize Future Reserve Funding Obligations

Updated 11/01/23
R Tarka

Acct Code	Fund 26	Project Description	Total Project Expended To date	Total Remaining for Project	Estimated Remaining Expense for Currently Funded Projects	Anticipated USBOR/DWR Reimbursements	Estimated E,O&M Fund/Project Running Balance	Comments
Completed Projects Remaining Balance:				(806,707.05)			(806,707.05)	
5523	D0	Replacement Computer/Network Comm. Equip	1,113,701.09	625,853.91	625,853.91		(180,853.14)	Reserve Project, funds to remain
5541	D1	Replacement Vehicles	2,681,674.53	481,064.91	481,064.91		300,211.77	Reserve Project, funds to remain
5544	D2	Purchase New Heavy Equipment	5,022,868.31	610,330.47	610,330.47		910,542.24	Reserve Project, funds to remain
7226	D3	ALL-Facility Infrastructure Replacement	423,993.73	803,406.27	803,406.27		1,713,948.51	Reserve Project, funds to remain
	D4	SCADA Replacement & Modernization Program	32,266.25	576,433.75	576,433.75		2,290,382.26	Reserve Project, funds to remain
	E1	TFO/LBFO/DCI Arc Flash Study	146,280.00	100,477.00	100,477.00		2,390,859.26	Project in Progress
7012	E6	DMC O&M Road Maintenance Program	853,815.08	623,817.92	315,000.00		3,014,677.18	Project Complete. Final Billing not completed
	F4	JPP Unit Rewind (Rotor & Stator) (Unit 2 Labor Only)	879,288.12	858,511.88	858,511.88		3,873,189.06	Project in Progress
7209	F9	Excitation Cabinet & Control Panel Refurbishment (\$500K to be reallocated)	1,093,856.07	1,966,213.93	1,966,213.93		5,839,402.99	Project in Progress
	G3	Main Transformer Rehabilitation	1,198,256.82	4,712,243.18	4,712,243.18		10,551,646.17	Project in Progress
	H0	JPP Domestic Water Treatment Plant Replacement	65,728.01	252,871.99	252,871.99		10,804,518.16	Project in Progress
	H3	DCI Fire Protection System Assessment	38,144.18	3,855.82	-		10,808,373.98	Project Complete
	H4	JPP Fire Protection System Assessment	66,532.38	16,267.62	-		10,824,641.60	Project Complete
	H5	ONP Fire Protection System Assessment	66,375.84	17,524.16	-		10,842,165.76	Project Complete
	I3	DMC Subsidence Correction Preliminary Assessment	4,176,469.80	(1,564,369.80)	(1,564,369.80)	2,447,721.00	9,277,795.96	Project in Progress (Grant invoicing to occur to USBR & DWR)
	I4	DMC Bridge Abutment Repair at MP 92.73	-	507,000.00	507,000.00		9,784,795.96	Project in Progress
	I6	DMC Turnout Flowmeter Upgrade	491,607.78	284,592.22	284,592.22		10,069,388.18	Project in Progress
	J1	JPP Purchase Wear Rings	-	326,400.00	326,400.00		10,395,788.18	Project Deferred, funds to remain
	J2	ONP Pump Bowl Replacement (Design)	31,007.22	1,921,092.78	1,921,092.78		12,316,880.96	Project in Progress
	J4	ONP Penstock Cathodic Protection System	153,257.34	27,342.66	-		12,344,223.62	Project Complete
	J5	ONP UPS Battery Charging System	8,667.86	93,232.14	93,232.14		12,437,455.76	Project in Progress
	K0	ONP Station Service Backup Battery System Replacement	2,830.07	126,869.93	126,869.93		12,564,325.69	Project in Progress
	K1	JPP Concrete Slab by Trashrake Dumpster	22,000.00	466,600.00	466,600.00		13,030,925.69	Project in Progress
	K2	DCI HVAC System Rehab/Replacement	-	99,400.00	99,400.00		13,130,325.69	Project Deferred, funds to remain
	K5	SCADA System Evaluation	114,050.14	56,749.86	56,749.86		13,187,075.55	Project in Progress
	K6	ONP Accusonic Flowmeter Console Upgrades	171,366.90	5,833.10	-		13,192,908.65	Project Complete
	L0	ONP Cooling Water System Rehabilitation Design	-	332,100.00	332,100.00		13,525,008.65	Project in Progress. Note: \$110,800 has been taken from this project and will be used to fund contract for L3 ONP Plant Water Storage Tank Rehabilitation (approved by FAC Oct 2023)
	L2	ONP Sand Filter System Rehabilitation Design	-	382,100.00	382,100.00		13,907,108.65	Project in Progress
	L3	ONP Plant Water Storage Tank Rehabilitation	960.50	108,239.50	108,239.50		14,015,348.15	Project in Progress
			43,428,344.86	14,822,055.20	14,442,413.92	2,447,721.00	14,015,348.15	
CIP	Fund 25							
	F4	Unit Rewind - Phase 6 (USBR Funding)	27,980,418.49	6,750,565.51	6,750,565.51	6,750,565.51	-	Project in Progress, funds to remain
	F9	Excitation Cabinet * Control Panel Refurbishment	15,332.60	1,799,567.40	1,799,567.40		1,799,567.40	Project in Progress, funds to remain
	I3	DMC Subsidence Correction Project	15,578.50	2,282,121.50	2,282,121.50		4,081,688.90	Project in Progress, funds to remain
			30,769,196.12	10,832,254.41	10,832,254.41	6,750,565.51	4,081,688.90	

San Luis & Delta-Mendota Water Authority

Activity Agreements Budget to Actual

Paid/Pending Comparison Summary

March 1, 2023 through September 30, 2023

FAC 11/6/23 & BOD 11/9/23

	FY Budget 3/1/23 - 2/29/24	Actual To Date Paid/Expense	% of Budget	Amount Remaining
03 General Membership	926,259	508,546	54.90%	417,713
05 Leg/CVP Operations	2,923,141	852,918	29.18%	2,070,223
06 Reallocation Agreement	0	0	0.00%	0
35 Contract Renewal Coordinator	30,337	39,621	130.60%	(9,284)
09 Leg/CVP Operations #3	0	0	0.00%	0
28 Yuba County Water Transfers	27,000	8,303	30.75%	18,697
22 Grassland Basin Drainage #3A	2,078,148	709,510	34.14%	1,368,638
63 SGMA - Coordinated	525,332	434,521	82.71%	90,811
64 SGMA - Northern Delta-Mendota Region	562,382	104,256	18.54%	458,126
65 SGMA - Central Delta-Mendota Region	562,382	106,505	18.94%	455,877
67 Integrated Regional Water Management	185,606	17,159	9.24%	168,447
68 Los Vaqueros Reservoir Expansion Project	9,235	2,710	29.34%	6,525
44 Exchange Contractors - 5 Year Transfer	20,000	13,636	68.18%	6,364
56 Long-Term North to South Water Transfer	197,587	19,451	9.84%	178,136
69 B.F. Sisk Dam Raise & Reservoir Exp	740,125	394,164	53.26%	345,961
16 DHCCP	1,175	72	6.13%	1,103
TOTAL	8,788,709	3,211,372	36.54%	5,577,337
	7/12 X 8,788,709	\$ 5,126,747	58.33%	
	Budget vs. Actual	<u>1,915,374</u>		

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
 ACTUAL EXPENSE - PAID
 ACTIVITY AGREEMENTS BUDGET TO ACTUAL
 Report Period 3/1/23 - 9/30/23

03 05 06 35 09 28 22 63 64 65 67 68 44 56 69 16

FAC 11/6/23

Actual to Date Paid/Expense Detail by Fund

Direct Expenses	Total	General Membership (03)	Leg Ops (05)	Realto Agreement (06)	Contract Renewal Coordinator (35)	Leg/Op #3 (09)	Yuba Co. Water Trans. (28) Sub Fund of Leg/Op#3	GBD Dr #3A (22)	SGMA Coordinateds (63)	SGMA Northern Delta-Mendota Region (64)	SGMA Central Delta-Mendota Region (65)	IRWM (67)	Los Vaqueros Reservoir Expansion Proj (68)	Exchange Contractor 5 Year Transfer (44)	Long-Term North to South Water Transfers (56)	B.F.Sisk Dam Raise & Reservoir Expansion Proj (69)	DHCCP (16)
Legal:																	
1 Linneman et al	\$ 6,062							\$ 6,062									
2 Kronick Moskovitz et al	\$ 197,481		\$ 159,292		\$ 37,478										\$ 711		
3 Kronick Moskovitz et al (annual costs)	\$ 4,064		\$ 2,856		\$ 1,208										\$ -		
4 Pioneer Law Group	\$ 28,128		\$ 2,848												\$ 7,525	\$ 4,005	
5 Baker Manock & Jensen	\$ 92,708							\$ 13,750									
6 Cotchett, Pitre & McCarthy	\$ 974							\$ -	\$ 37,528	\$ 23,293	\$ 31,887	\$ -					
7 Kahn, Soares & Conway	\$ 5,014		\$ 2,919					\$ 974									
8 Stoel Rives	\$ 3,572		\$ 3,572					\$ 2,095									
9 GBD Misc. Legal Support	\$ -							\$ -									
10 Technical Legal Support	\$ -							\$ -									
11 Legal Contingency	\$ -							\$ -									
Sub Total	\$ 338,003	\$ -	\$ 171,487	\$ -	\$ 38,686	\$ -	\$ -	\$ 22,881	\$ 37,528	\$ 23,293	\$ 31,887	\$ -	\$ -	\$ -	\$ 8,236	\$ 4,005	\$ -
Technical:																	
12 Strategic Plan Update	\$ 43,589	\$ 43,589															
13 Previous BF Sisk Dam Raise Commitment	\$ 369,220															\$ 369,220	
14 Science Program	\$ -																
15 Previous Technical Project Commitment	\$ -																
Sub Total	\$ 412,809	\$ 43,589	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 369,220	\$ -
Legislative Advocacy/Public Information Representation:																	
16 Federal Representation	\$ 150,000		\$ 150,000														
17 State Representation	\$ 100,000		\$ 100,000														
18 Public Information / Communication	\$ 81,662	\$ 81,662															
Sub Total	\$ 331,662	\$ 81,662	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Professional Services:																	
19 SGMA Services	\$ 426,772								\$ 345,014	\$ 42,761	\$ 38,997						
20 Integrated Regional Water Management	\$ 11,538											\$ 11,538					
21 Mizuno Consulting	\$ 24,476					\$ 4,438								\$ 11,438	\$ 8,600		
22 Hallmark Group	\$ -					\$ -									\$ -	\$ -	
Sub Total	\$ 462,786	\$ -	\$ -	\$ -	\$ -	\$ 4,438	\$ -	\$ 4,438	\$ 345,014	\$ 42,761	\$ 38,997	\$ 11,538	\$ -	\$ 11,438	\$ 8,600	\$ -	\$ -
Grassland Basin Drainage:																	
23 GBD Specific	\$ 429,324							\$ 429,324									
24 New UA Mud Slough Mitigation	\$ -							\$ -									
25 Use of Drain	\$ 48,605							\$ 48,605									
26 Biological Monitoring	\$ 114,939							\$ 114,939									
27 Groundwater WDR Specific	\$ 88,114							\$ 88,114									
Sub Total	\$ 680,982	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 680,982	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OTHER:																	
28 Executive Director	\$ 158,406	\$ 114,975	\$ 43,431						\$ -	\$ -	\$ -	\$ -					
29 Executive Secretary	\$ 26,842	\$ 15,251	\$ 11,591														
30 General Counsel	\$ 142,214	\$ 84,533	\$ 41,925					\$ 3,938	\$ 275	\$ -	\$ -	\$ -	\$ 845		\$ 2,019	\$ 8,679	
31 Water Policy Director	\$ 149,170		\$ 137,105						\$ 8,497	\$ 1,523	\$ 1,523	\$ 522					
32 Water Resources Program Manager	\$ 182,378		\$ 85,016						\$ 41,040	\$ 26,931	\$ 24,423	\$ 4,968					
33 Special Programs Manager	\$ -																
34 Deputy General Counsel	\$ 97,131	\$ 32,377	\$ 64,754														
35 In-House Staff	\$ 67,286	\$ 13,265	\$ 10,372		\$ 935	\$ 3,865	\$ 1,709	\$ 1,546	\$ 9,236	\$ 9,236	\$ 131	\$ 1,865	\$ 2,198	\$ 596	\$ 12,260	\$ 72	
36 Los Banos Administrative Office (LBAO)	\$ 5,202	\$ 5,202						\$ -	\$ -	\$ -	\$ -						
37 Dissolved Oxygen Aerator	\$ -							\$ -									
38 Other Services & Expenses	\$ 14,227	\$ 8,149	\$ 6,078					\$ -	\$ -	\$ -	\$ -	\$ -			\$ -		
39 License & Continuing Education	\$ 180	\$ 180						\$ -	\$ -	\$ -	\$ -						
40 Organizational Membership	\$ 84,167	\$ 84,167															
41 Conferences & Training	\$ 5,707	\$ 1,840	\$ 3,205						\$ 342	\$ 160	\$ 160	\$ -					
42 Travel/Mileage	\$ 43,059	\$ 17,526	\$ 24,623						\$ 279	\$ 352	\$ 279	\$ -					
43 Group Meetings	\$ 7,964	\$ 4,971	\$ 2,993						\$ -	\$ -	\$ -	\$ -					
44 Telephone	\$ 1,197	\$ 859	\$ 338					\$ -	\$ -	\$ -	\$ -	\$ -					
Sub Total	\$ 985,130	\$ 383,295	\$ 431,431	\$ -	\$ 935	\$ -	\$ 3,865	\$ 5,647	\$ 51,979	\$ 38,202	\$ 35,621	\$ 5,621	\$ 2,710	\$ 2,198	\$ 2,615	\$ 20,939	\$ 72
Total Expenditures	\$ 3,211,372	\$ 508,546	\$ 852,918	\$ -	\$ 39,621	\$ -	\$ 8,303	\$ 709,510	\$ 434,521	\$ 104,256	\$ 106,505	\$ 17,159	\$ 2,710	\$ 13,636	\$ 19,451	\$ 394,164	\$ 72

Subject to rounding

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
AMOUNT REMAINING
ACTIVITY AGREEMENTS BUDGET TO ACTUAL
Report Period 3/1/23 - 9/30/23
FAC 11/6/23

03 05 06 35 09 28 22 63 64 65 67 68 44 56 69 16

Amount Remaining Detail by Fund

Direct Expenses

Legal:

Total	General Membership (03)	Leg Ops (05)	Reallo Agreement (06)	Contract Renewal Coordinator (35)	Leg/Op #3 (09)	Yuba Co. Water Trans. (28) Sub Fund of Leg/Op#3	GBD Dr #3A (22)	SGMA Coordinated (63)	SGMA Northern Delta-Mendota Region (64)	SGMA Central Delta-Mendota Region (65)	IRWM (67)	Los Vaqueros Reservoir Expansion Proj (68)	Exchange Contractor 5 Year Transfer (44)	Long-Term North to South Water Transfers (56)	B.F.Sisk Dam Raise & Reservoir Expansion Proj (69)	DHCCP (16)
\$ 13,938						\$ -	\$ 13,938									
\$ 604,519		\$ 542,708		\$ (12,478)										\$ 74,289		
\$ 17,936		\$ 17,144		\$ (708)										\$ 1,500		
\$ 141,872		\$ 27,152					\$ 56,250							\$ 42,475	\$ 15,995	
\$ 20,012							\$ 25,000	\$ (6,568)	\$ 2,507	\$ (6,087)	\$ 5,160					
\$ 39,026							\$ 39,026									
\$ 54,986		\$ 12,081					\$ 42,905									
\$ 46,428		\$ 46,428														
\$ 10,000							\$ 10,000									
\$ 150,000		\$ 150,000														
\$ 150,000		\$ 150,000														
Sub Total	\$ 1,248,717	\$ 945,513	\$ -	\$ (13,186)	\$ -	\$ -	\$ 187,119	\$ (6,568)	\$ 2,507	\$ (6,087)	\$ 5,160	\$ -	\$ -	\$ 118,264	\$ 15,995	\$ -

Technical:

\$ 56,411	\$ 56,411															
\$ 338,780															\$ 338,780	
\$ 390,000		\$ 390,000														
\$ 125,000		\$ 125,000														
Sub Total	\$ 910,191	\$ 56,411	\$ 515,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 338,780	\$ -

Legislative Advocacy/Public Information Representation:

\$ 210,000		\$ 210,000														
\$ 104,000		\$ 104,000														
\$ 101,488	\$ 101,488															
Sub Total	\$ 415,488	\$ 101,488	\$ 314,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Other Professional Services:

\$ 816,468								\$ 58,566	\$ 377,069	\$ 380,833						
\$ 98,824											\$ 98,824					
\$ 32,524						\$ 7,562							\$ (1,438)	\$ 26,400		
\$ -															\$ -	
Sub Total	\$ 947,816	\$ -	\$ -	\$ -	\$ -	\$ 7,562	\$ -	\$ 58,566	\$ 377,069	\$ 380,833	\$ 98,824	\$ -	\$ (1,438)	\$ 26,400	\$ -	\$ -

Grassland Basin Drainage:

\$ 517,187							\$ 517,187									
\$ 50,000							\$ 50,000									
\$ 109,795							\$ 109,795									
\$ 135,061							\$ 135,061									
\$ 371,262							\$ 371,262									
Sub Total	\$ 1,183,305	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,183,305	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OTHER:

\$ 115,524	\$ 80,813	\$ 30,968						\$ 2,364	\$ 394	\$ 394	\$ 591					
\$ 21,219	\$ 12,056	\$ 9,163														
\$ 119,134	\$ 65,693	\$ 33,188					\$ (1,042)	\$ 3,807	\$ 5,652	\$ 5,652	\$ 1,727	\$ 4,155		\$ 2,981	\$ (2,679)	
\$ 124,255	\$ 98,264							\$ (1,397)	\$ 6,713	\$ 6,713	\$ 13,962					
\$ 148,702								\$ 21,360	\$ 43,269	\$ 45,777	\$ 38,296					
\$ 23,140	\$ 23,140															
\$ 64,666	\$ 12,422	\$ 47,244												\$ 5,000		
\$ 100,603	\$ 10,374	\$ 7,230		\$ 3,902	\$ 11,135	\$ (744)	\$ 1,370	\$ 17,284	\$ 17,284	\$ 2,137	\$ 2,370	\$ 7,802	\$ 25,491	\$ (6,135)	\$ 1,103	
\$ 44,798	\$ 44,798						\$ -	\$ -	\$ -	\$ -						
\$ 6,250	\$ 6,250						\$ -	\$ -	\$ -	\$ -						
\$ 5,953	\$ (5,149)	\$ 3,922					\$ -	\$ 6,430	\$ -	\$ -	\$ 750					
\$ 2,620	\$ 620	\$ 1,000					\$ 500	\$ 250	\$ 250							
\$ 17,583	\$ 17,583															
\$ 39,793	\$ 28,660	\$ 6,795					\$ 658	\$ 1,090	\$ 1,090	\$ 1,500						
\$ 28,441	\$ (7,526)	\$ 25,377					\$ 2,221	\$ 2,148	\$ 2,221	\$ 4,000						
\$ 4,036	\$ (971)	\$ 2,007					\$ 1,000	\$ 500	\$ 500	\$ 1,000						
\$ 5,103	\$ 441	\$ 1,162					\$ -	\$ 500	\$ 1,250	\$ 1,250	\$ 500					
\$ -																
Sub Total	\$ 871,820	\$ 259,814	\$ 295,710	\$ -	\$ 3,902	\$ -	\$ 11,135	\$ (1,786)	\$ 38,813	\$ 78,550	\$ 81,131	\$ 64,463	\$ 6,525	\$ 7,802	\$ 33,472	\$ (8,814)

Total Expenditures

\$ 5,577,337	\$ 417,713	\$ 2,070,223	\$ -	\$ (9,284)	\$ -	\$ 18,697	\$ 1,368,638	\$ 90,811	\$ 458,126	\$ 455,877	\$ 168,447	\$ 6,525	\$ 6,364	\$ 178,136	\$ 345,961	\$ 1,103
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Subject to rounding

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
SUMMARY ACTUAL EXPENSE - PAID/PENDING
ACTIVITY AGREEMENTS BUDGET TO ACTUAL
Report Period 3/1/23 - 9/30/23
FAC 11/6/23**

	1	2	3	4	5	
	Budget	Actual to Date Paid/Expense	Variance Budget vs Actual Paid/Expense	7 months of Budget	Variance 7 months of Budget vs Actual Paid/Expense	
Direct Expenses						
Legal:			(1-2)		(4 - 2)	
1 Linneman et al	\$ 20,000	\$ 6,062	\$ 13,938	\$ 11,667	\$ 5,605	1
2 Kronick Moskovitz et al	\$ 802,000	\$ 197,481	\$ 604,519	\$ 467,833	\$ 270,352	2
3 Kronick Moskovitz et al (annual costs)	\$ 22,000	\$ 4,064	\$ 17,936	\$ 12,833	\$ 8,769	3
4 Pioneer Law Group	\$ 170,000	\$ 28,128	\$ 141,872	\$ 99,167	\$ 71,039	4
5 Baker Manock & Jensen	\$ 112,720	\$ 92,708	\$ 20,012	\$ 65,753	\$ (26,955)	5
6 Cotchett, Pitre & McCarthy	\$ 40,000	\$ 974	\$ 39,026	\$ 23,333	\$ 22,359	6
7 Kahn, Soares & Conway	\$ 60,000	\$ 5,014	\$ 54,986	\$ 35,000	\$ 29,986	7
8 Stoel Rives	\$ 50,000	\$ 3,572	\$ 46,428	\$ 29,167	\$ 25,595	8
9 GBD Misc. Legal Support	\$ 10,000	\$ -	\$ 10,000	\$ 5,833	\$ 5,833	9
10 Technical Legal Support	\$ 150,000	\$ -	\$ 150,000	\$ 87,500	\$ 87,500	10
11 Legal Contingency	\$ 150,000	\$ -	\$ 150,000	\$ 87,500	\$ 87,500	11
Sub Total	\$ 1,586,720	\$ 338,003	\$ 1,248,717	\$ 925,587	\$ 587,584	
Technical:						
12 Strategic Plan Update	\$ 100,000	\$ 43,589	\$ 56,411	\$ 58,333	\$ 14,744	12
13 Previous BF Sisk Dam Raise Commitment	\$ 708,000	\$ 369,220	\$ 338,780	\$ 413,000	\$ 43,780	13
14 Science Program	\$ 390,000	\$ -	\$ 390,000	\$ 227,500	\$ 227,500	14
15 Previous Technical Project Commitment	\$ 125,000	\$ -	\$ 125,000	\$ 72,917	\$ 72,917	15
Sub Total	\$ 1,323,000	\$ 412,809	\$ 910,191	\$ 771,750	\$ 358,941	
Legislative Advocacy/Public Information Representation:						
16 Federal Representation	\$ 360,000	\$ 150,000	\$ 210,000	\$ 210,000	\$ 60,000	16
17 State Representation	\$ 204,000	\$ 100,000	\$ 104,000	\$ 119,000	\$ 19,000	17
18 Public Information / Communication	\$ 183,150	\$ 81,662	\$ 101,488	\$ 106,838	\$ 25,176	18
Sub Total	\$ 747,150	\$ 331,662	\$ 415,488	\$ 435,838	\$ 104,176	
Other Professional Services:						
19 SGMA Services	\$ 1,243,240	\$ 426,772	\$ 816,468	\$ 725,223	\$ 298,451	19
20 Integrated Regional Water Management	\$ 110,362	\$ 11,538	\$ 98,824	\$ 64,378	\$ 52,840	20
21 Mizuno Consulting	\$ 57,000	\$ 24,476	\$ 32,524	\$ 33,250	\$ 8,774	21
22 Hallmark Group	\$ -	\$ -	\$ -	\$ -	\$ -	22
Sub Total	\$ 1,410,602	\$ 462,786	\$ 947,816	\$ 822,851	\$ 360,065	
Grassland Basin Drainage:						
23 GBD Specific	\$ 946,511	\$ 429,324	\$ 517,187	\$ 552,131	\$ 122,807	23
24 New UA Mud Slough Mitigation	\$ 50,000	\$ -	\$ 50,000	\$ 29,167	\$ 29,167	24
25 Use of Drain	\$ 158,400	\$ 48,605	\$ 109,795	\$ 92,400	\$ 43,795	25
26 Biological Monitoring	\$ 250,000	\$ 114,939	\$ 135,061	\$ 145,833	\$ 30,894	26
27 Groundwater WDR Specific	\$ 459,376	\$ 88,114	\$ 371,262	\$ 267,969	\$ 179,855	27
Sub Total	\$ 1,864,287	\$ 680,982	\$ 1,183,305	\$ 1,087,501	\$ 406,518	
OTHER:						
28 Executive Director	\$ 273,930	\$ 158,406	\$ 115,524	\$ 159,793	\$ 1,387	28
29 Executive Secretary	\$ 48,061	\$ 26,842	\$ 21,219	\$ 28,036	\$ 1,194	29
30 General Counsel	\$ 261,348	\$ 142,214	\$ 119,134	\$ 152,453	\$ 10,239	30
31 Water Policy Director	\$ 273,425	\$ 149,170	\$ 124,255	\$ 159,498	\$ 10,328	31
32 Water Resources Program Manager	\$ 246,064	\$ 97,362	\$ 148,702	\$ 143,537	\$ 46,175	32
33 Special Programs Manager	\$ 108,156	\$ 85,016	\$ 23,140	\$ 63,091	\$ (21,925)	33
34 Deputy General Counsel	\$ 161,797	\$ 97,131	\$ 64,666	\$ 94,382	\$ (2,749)	34
35 In-House Staff	\$ 167,889	\$ 67,286	\$ 100,603	\$ 97,935	\$ 30,649	35
36 Los Banos Administrative Office (LBAO)	\$ 50,000	\$ 5,202	\$ 44,798	\$ 29,167	\$ 23,965	36
37 Dissolved Oxygen Aerator	\$ 6,250	\$ -	\$ 6,250	\$ 3,646	\$ 3,646	37
38 Other Services & Expenses	\$ 20,180	\$ 14,227	\$ 5,953	\$ 11,772	\$ (2,455)	38
39 License & Continuing Education	\$ 2,800	\$ 180	\$ 2,620	\$ 1,633	\$ 1,453	39
40 Organizational Membership	\$ 101,750	\$ 84,167	\$ 17,583	\$ 59,354	\$ (24,813)	40
41 Conferences & Training	\$ 45,500	\$ 5,707	\$ 39,793	\$ 26,542	\$ 20,835	41
42 Travel/Mileage	\$ 71,500	\$ 43,059	\$ 28,441	\$ 41,708	\$ (1,351)	42
43 Group Meetings	\$ 12,000	\$ 7,964	\$ 4,036	\$ 7,000	\$ (964)	43
44 Telephone	\$ 6,300	\$ 1,197	\$ 5,103	\$ 3,675	\$ 2,478	44
Sub Total	\$ 1,856,950	\$ 985,130	\$ 871,820	\$ 1,083,221	\$ 98,091	
Total Expenditures	\$ 8,788,709	\$ 3,211,372	\$ 5,577,337	\$ 5,126,747	\$ 1,915,374	

Subject to rounding

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
GENERAL MEMBERSHIP (FUND 03)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Technical:</u>					
Strategic Plan Update	\$ 100,000	\$ 43,589	\$ 56,411	56%	9/19/23
<u>Legislative Advocacy/Public Info Representation:</u>					
Public Information / Communication	\$ 183,150	\$ 81,662	\$ 101,488	55%	9/1/23
<u>Other:</u>					
Executive Director	\$ 195,788	\$ 114,975	\$ 80,813	41%	9/30/23
Executive Secretary	\$ 27,307	\$ 15,251	\$ 12,056	44%	9/30/23
General Counsel	\$ 150,226	\$ 84,533	\$ 65,693	44%	9/30/23
In-House Staff	\$ 23,639	\$ 13,265	\$ 10,374	44%	9/30/23
Deputy General Counsel	\$ 44,799	\$ 32,377	\$ 12,422	28%	9/30/23
Los Banos Administrative Office (LBAO)	\$ 50,000	\$ 5,202	\$ 44,798	90%	6/1/23
Other Services & Expenses	\$ 3,000	\$ 8,149	\$ (5,149)	-172%	
License & Continuing Education	\$ 800	\$ 180	\$ 620	78%	
Organizational Membership	\$ 101,750	\$ 84,167	\$ 17,583	17%	
Conferences & Training	\$ 30,500	\$ 1,840	\$ 28,660	94%	
Travel/Mileage	\$ 10,000	\$ 17,526	\$ (7,526)	-75%	
Group Meetings	\$ 4,000	\$ 4,971	\$ (971)	-24%	
Telephone	\$ 1,300	\$ 859	\$ 441	34%	
Total Expenditures	\$ 926,259	\$ 508,546	\$ 417,713	45%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
LEG & CVP OPERATIONAL AFFAIRS (FUND 05)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23

FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Kronick Moskovitz et al	\$ 702,000	\$ 159,292	\$ 542,708	77%	9/5/23
Kronick Moskovitz et al (annual cost)	\$ 20,000	\$ 2,856	\$ 17,144	86%	9/5/23
Pioneer Law Group	\$ 30,000	\$ 2,848	\$ 27,152	91%	9/5/23
Kahn, Soares & Conway	\$ 15,000	\$ 2,919	\$ 12,081	81%	6/30/23
Stoel Rives	\$ 50,000	\$ 3,572	\$ 46,428	93%	9/26/23
Technical Legal Support	\$ 150,000		\$ 150,000	100%	
Legal Contingency	\$ 150,000		\$ 150,000	100%	
<u>Technical:</u>					
Science Program, Incl. CAMT Facilitation	\$ 390,000		\$ 390,000	100%	
Previous Technical Project Commitment	\$ 125,000		\$ 125,000	100%	
<u>Legislative Advocacy/Public Info Representation:</u>					
Federal Representation	\$ 360,000	\$ 150,000	\$ 210,000	58%	8/15/23
State Representation	\$ 204,000	\$ 100,000	\$ 104,000	51%	8/15/23
<u>Other:</u>					
Executive Director	\$ 74,399	\$ 43,431	\$ 30,968	42%	9/30/23
Executive Secretary	\$ 20,754	\$ 11,591	\$ 9,163	44%	9/30/23
General Counsel	\$ 75,113	\$ 41,925	\$ 33,188	44%	9/30/23
Water Policy Director	\$ 235,369	\$ 137,105	\$ 98,264	42%	9/30/23
Special Programs Mgr	\$ 108,156	\$ 85,016	\$ 23,140	21%	9/30/23
Deputy General Counsel	\$ 111,998	\$ 64,754	\$ 47,244	42%	9/30/23
In-House Staff	\$ 17,602	\$ 10,372	\$ 7,230	41%	9/30/23
Dissolved Oxygen Aerator	\$ 6,250		\$ 6,250	100%	
Other Services & Expenses	\$ 10,000	\$ 6,078	\$ 3,922	39%	
License & Continuing Education	\$ 1,000		\$ 1,000	100%	
Conferences & Training	\$ 10,000	\$ 3,205	\$ 6,795	68%	
Travel/Mileage	\$ 50,000	\$ 24,623	\$ 25,377	51%	
Group Meetings	\$ 5,000	\$ 2,993	\$ 2,007	40%	
Telephone	\$ 1,500	\$ 338	\$ 1,162	77%	
Total Expenditures	\$ 2,923,141	\$ 852,918	\$ 2,070,223	71%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
REALLOCATION AGREEMENT (FUND 06)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Direct Expenditures:</u>	\$0.00	\$ -	\$0.00	0%	
Total Expenditures	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0%</u>	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
CONTRACT RENEWAL COORDINATOR (FUND 35)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23

FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Kronick Moskovitz et al	\$ 25,000	\$ 37,478	\$ (12,478)	-50%	4/27/23
Kronick Moskovitz et al (annual costs)	\$ 500	\$ 1,208	\$ (708)	-142%	4/27/23
<u>Other:</u>					
In-House Staff	\$ 4,837	\$ 935	\$ 3,902	81%	8/31.23
Total Expenditures	\$ 30,337	\$ 39,621	\$ (9,284)	-31%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
LEG & CVP OPERATIONAL AFFAIRS #3 (FUND 09)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
 FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Direct Expenditures:</u>	\$0.00	\$ -	\$0.00	0%	
Total Expenditures	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0%</u>	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
YUBA COUNTY WATER TRANSFERS
ACTIVITY AGREEMENTS BUDGET TO ACTUAL
Sub Fund of Leg Ops #3 (FUND 28)

Report Period 3/1/23 - 9/30/23

FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Other Professional Services:</u>					
Mizuno Consulting	\$ 12,000	\$ 4,438	\$ 7,562	63%	8/7/23
<u>Other:</u>					
In-House Staff	\$ 15,000	\$ 3,865	\$ 11,135	74%	8/31/23
Total Expenditures	\$ 27,000	\$ 8,303	\$ 18,697	69%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
GRASSLAND BASIN DRAINAGE #3A (FUND 22)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23

FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Linneman et al	\$ 20,000	\$ 6,062	\$ 13,938	70%	8/31/23
Pioneer Law Group - CEQA Legal Consultant	\$ 70,000	\$ 13,750	\$ 56,250	80%	9/5/23
Cotchett, Pitre & McCarthy	\$ 40,000	\$ 974	\$ 39,026	98%	6/14/23
Kahn, Soares & Conway	\$ 45,000	\$ 2,095	\$ 42,905	95%	9/30/23
Misc. Legal Support	\$ 10,000		\$ 10,000	100%	
Baker Manock & Jensen	\$ 25,000		\$ 25,000	100%	
<u>GBD Specific:</u>					
Drainage Coordinator (Summers)	\$ 143,000	\$ 57,353	\$ 85,647	60%	8/31/23
Quality Data Processing/Load Calc (Summers)	\$ 176,255	\$ 72,828	\$ 103,427	59%	9/7/23
Flow Calculation/Station Maint. (Summers)	\$ 38,500	\$ 54,333	\$ (15,833)	-41%	7/31/23
Field Coordinator (PDD)	\$ 35,000	\$ 10,408	\$ 24,592	70%	8/1/23
Real Time Monitoring Equip (PDD)	\$ 10,000	\$ 3,306	\$ 6,694	67%	8/1/23
Panoche Creek Gauging Station	\$ 7,900	\$ 7,900	\$ -	0%	4/20/23
Water Quality Monitoring (Reg. Sites)	\$ 243,000	\$ 188,285	\$ 54,715	23%	9/21/23
Newman Water Costs	\$ 118,856		\$ 118,856	100%	
Restoration of Mud Slough Channel (Newman Land)	\$ 96,800	\$ 8,870	\$ 87,930	91%	8/31/23
Waste Discharge Permit Fees	\$ 64,000	\$ 4,688	\$ 59,312	93%	7/11/23
Drainage Management Plan	\$ 13,200	\$ 21,353	\$ (8,153)	-62%	8/31/23
New UA Mud Slough Mitigation:					
Remove Sediment in SLD	\$ 50,000		\$ 50,000	100%	
Use of Drain:					
Operation & Maintenance (PDD)	\$ 158,400	\$ 48,605	\$ 109,795	69%	8/1/23
Biological Monitoring:					
Pacific Eco Risk	\$ 100,000	\$ 44,589	\$ 55,411	55%	7/31/23
HT Harvey-SJRIP Egg Monitoring	\$ 100,000	\$ 51,215	\$ 48,785	49%	9/19/23
Fish Biologist - Splittail/Sturgeon	\$ 50,000	\$ 19,135	\$ 30,865	62%	9/19/23
Groundwater WDR Specific:					
Membership Enrollment/List (Summers)	\$ 115,830	\$ 19,379	\$ 96,451	83%	8/31/23
Farm Evaluation Plan (Summers)	\$ 23,100	\$ 7,199	\$ 15,901	69%	8/31/23
NMP Summary Report	\$ 20,915	\$ 1,813	\$ 19,102	91%	9/7/23
MPEP Group Workplan	\$ 5,400	\$ 1,323	\$ 4,077	76%	9/17/23
Groundwater Protection Formula	\$ 10,000		\$ 10,000	100%	
CVSalts Nitrate Compliance	\$ 25,000		\$ 25,000	100%	
Prioritization and Optimization Study-CVSalts	\$ 10,983	\$ 11,438	\$ (455)	-4%	6/1/23
Trend Monit Prgm	\$ 67,600	\$ 36,121	\$ 31,479	47%	9/15/23
Develop Web Portal	\$ 5,648	\$ 2,324	\$ 3,324	59%	9/7/23
Collect State Board Fee	\$ 126,000		\$ 126,000	100%	
Annual Monitoring Report (Summers)	\$ 46,200	\$ 7,199	\$ 39,001	84%	8/31/23
CVGMC Data	\$ 2,700	\$ 1,318	\$ 1,382	51%	7/31/23
<u>Other:</u>					
General Counsel	\$ 2,896	\$ 3,938	\$ (1,042)	-36%	8/31/23
In-House Staff	\$ 965	\$ 1,709	\$ (744)	-77%	9/30/23
Total Expenditures	\$ 2,078,148	\$ 709,510	\$ 1,368,638	66%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
SGMA ACTIVITIES - COORDINATED COST-SHARE AGREEMENT
ACTIVITY AGREEMENTS BUDGET TO ACTUAL
COORDINATED (FUND 63)

Report Period 3/1/23 - 9/30/23
FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Baker Manock & Jensen	\$ 30,960	\$ 37,528	\$ (6,568)	-21%	8/2/23
<u>Other Professional Services:</u>					
GSP Implementation Contracts					
Coordinated Annual Reports Activities					
(Common Chapter, Water Level Contouring)	\$ 146,093	\$ 47,195	\$ 98,898	68%	9/15/23
DMS Hosting, Augmentation and Support	\$ 11,367		\$ 11,367	100%	
Staff Augmentation Support (EKI)	\$ 65,000	\$ 264,470	\$ (199,470)	-307%	8/14/23
DAC Outreach and Coordination	\$ 30,000		\$ 30,000	100%	
SGMA Implementation Grant Round 1 SPA (A9)	\$ 75,560	\$ 33,349	\$ 42,211	56%	8/10/23
SGMA Implementation Grant Round 2 SPA (B0)	\$ 75,560		\$ 75,560	100%	
<u>Other:</u>					
Executive Director	\$ 2,364	\$ -	\$ 2,364	100%	
General Counsel	\$ 4,082	\$ 275	\$ 3,807	93%	8/31/23
Water Policy Director	\$ 7,100	\$ 8,497	\$ (1,397)	-20%	9/30/23
Water Resources Program Manager	\$ 62,400	\$ 41,040	\$ 21,360	34%	9/30/23
Accounting	\$ 2,916	\$ 1,546	\$ 1,370	47%	9/30/23
License & Continuing Education	\$ 500		\$ 500	100%	
Conferences & Training	\$ 1,000	\$ 342	\$ 658	66%	
Travel/Mileage	\$ 2,500	\$ 279	\$ 2,221	89%	
Group Meetings	\$ 1,000		\$ 1,000	100%	
Telephone	\$ 500		\$ 500	100%	
Software	\$ 780		\$ 780	100%	
Equipment and Tools	\$ 5,650		\$ 5,650	100%	
Total Expenditures	\$ 525,332	\$ 434,521	\$ 90,811	17%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT
ACTIVITY AGREEMENTS BUDGET TO ACTUAL
NORTHERN DELTA-MENDOTA REGION (FUND 64)

Report Period 3/1/23 - 9/30/23
FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Baker Manock & Jensen	\$ 25,800	\$ 23,293	\$ 2,507	10%	8/2/23
<u>Other Professional Services:</u>					
Contracts	\$ 419,830	\$ 42,761	\$ 377,069	90%	8/14/23
<u>Other:</u>					
Executive Director	\$ 394	\$ -	\$ 394	100%	
General Counsel	\$ 5,652	\$ -	\$ 5,652	100%	
Water Policy Director	\$ 8,236	\$ 1,523	\$ 6,713	82%	8/31/23
Water Resources Program Manager	\$ 70,200	\$ 26,931	\$ 43,269	62%	9/30/23
Accounting	\$ 2,808	\$ 174	\$ 2,634	94%	8/31/23
Hydrotech 3	\$ 23,712	\$ 9,062	\$ 14,650	62%	9/30/23
License & Continuing Education	\$ 250		\$ 250	100%	
Conferences & Training	\$ 1,250	\$ 160	\$ 1,090	87%	
Travel/Mileage	\$ 2,500	\$ 352	\$ 2,148	86%	
Group Meetings	\$ 500		\$ 500	100%	
Telephone	\$ 1,250		\$ 1,250	100%	
Total Expenditures	\$ 562,382	\$ 104,256	\$ 458,126	81%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT
ACTIVITY AGREEMENTS BUDGET TO ACTUAL
CENTRAL DELTA-MENDOTA REGION (FUND 65)

Report Period 3/1/23 - 9/30/23
FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Baker Manock & Jensen	\$ 25,800	\$ 31,887	\$ (6,087)	-24%	8/2/23
<u>Other Professional Services:</u>					
Contracts	\$ 419,830	\$ 38,997	\$ 380,833	91%	8/14/23
<u>Other:</u>					
Executive Director	\$ 394	\$ -	\$ 394	100%	
General Counsel	\$ 5,652	\$ -	\$ 5,652	100%	
Water Policy Director	\$ 8,236	\$ 1,523	\$ 6,713	82%	8/31/23
Water Resources Program Manager	\$ 70,200	\$ 24,423	\$ 45,777	65%	9/30/23
Accounting	\$ 2,808	\$ 174	\$ 2,634	94%	8/31/23
Hydrotech 3.	\$ 23,712	\$ 9,062	\$ 14,650	62%	9/30/23
License & Continuing Education	\$ 250		\$ 250	100%	
Conferences & Training	\$ 1,250	\$ 160	\$ 1,090	87%	
Travel/Mileage	\$ 2,500	\$ 279	\$ 2,221	89%	
Group Meetings	\$ 500		\$ 500	100%	
Telephone	\$ 1,250		\$ 1,250	100%	
Total Expenditures	\$ 562,382	\$ 106,505	\$ 455,877	81%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
INTEGRATED REGIONAL WATER MANAGEMENT (FUND 67)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23

FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Baker Manock & Jensen	\$ 5,160	\$ -	\$ 5,160	100%	
<u>Other Professional Services:</u>					
IRWM Implementation Contracts	\$ 29,931	\$ 11,538	\$ 18,393	61%	9/15/23
Prop 1 Round 1 Grant Admin (SJRFA)	\$ 30,431		\$ 30,431	100%	
Disadvantaged Comm Needs Assess./DAC Outreach	\$ 50,000		\$ 50,000	100%	
Prop 1 Round 2 Grant APP (SJRFA)					
Prop 1 Round 2 Grant App (TKFA)					
<u>Other:</u>					
Executive Director	\$ 591	\$ -	\$ 591	100%	
General Counsel	\$ 1,727	\$ -	\$ 1,727	100%	
Water Resources Program Mgr	\$ 43,264	\$ 4,968	\$ 38,296	89%	9/30/23
Water Policy Director	\$ 14,484	\$ 522	\$ 13,962	96%	9/30/23
Accounting	\$ 2,268	\$ 131	\$ 2,137	94%	8/31/23
Other Services & Expenses	\$ 750	\$ -	\$ 750	100%	
Conferences & Training	\$ 1,500	\$ -	\$ 1,500	100%	
Travel/Mileage	\$ 4,000	\$ -	\$ 4,000	100%	
Group Meetings	\$ 1,000	\$ -	\$ 1,000	100%	
Telephone	\$ 500	\$ -	\$ 500	100%	
Total Expenditures	\$ 185,606	\$ 17,159	\$ 168,447	91%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
LOS VAQUEROS RESERVOIR EXPANSION PROJECT (FUND 68)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
 FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Other:</u>					
General Counsel	\$ 5,000	\$ 845	\$ 4,155	83%	7/31/23
In-House Staff	\$ 4,235	\$ 1,865	\$ 2,370	56%	8/31/23
Total Expenditures	\$ 9,235	\$ 2,710	\$ 6,525	71%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
EXCHANGE CONTRACTOR 5-YEAR TRANSFER (FUND 44)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
 FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Other Professional Services:</u>					
Mizuno Consulting	\$ 10,000	\$ 11,438	\$ (1,438)	-14%	9/6/23
<u>Other:</u>					
In-House Staff	\$ 10,000	\$ 2,198	\$ 7,802	78%	9/30/23
Total Expenditures	\$ 20,000	\$ 13,636	\$ 6,364	32%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
LONG-TERM NORTH TO SOUTH WATER TRANSFER PROGRAM (FUND 56)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Kronick Moskovitz et al	\$ 75,000	\$ 711	\$ 74,289	99%	9/5/23
Kronick Moskovitz et al (annual costs)	\$ 1,500		\$ 1,500	100%	
Pioneer Law Group	\$ 50,000	\$ 7,525	\$ 42,475	85%	8/17/23
<u>Other Professional Services:</u>					
Mizuno Consulting	\$ 35,000	\$ 8,600	\$ 26,400	75%	9/6/23
<u>Other:</u>					
General Counsel	\$ 5,000	\$ 2,019	\$ 2,981	60%	8/31/23
Deputy General Counsel	\$ 5,000	\$ -	\$ 5,000	100%	
In-House Staff	\$ 26,087	\$ 596	\$ 25,491	98%	8/31/23
Total Expenditures	\$ 197,587	\$ 19,451	\$ 178,136	90%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
B.F. SISK DAM RAISE & RESERVOIR EXPANSION PROJECT (FUND 69)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
 FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Pioneer Law Group	\$ 20,000	\$ 4,005	\$ 15,995	80%	9/5/23
<u>Other Professional Services:</u>					
Previous BF Sisk Dam Raise Commitment	\$ 708,000	\$ 369,220	\$ 338,780	48%	7/31/23
<u>Other:</u>					
General Counsel	\$ 6,000	\$ 8,679	\$ (2,679)	-45%	9/30/23
In-House Staff	\$ 6,125	\$ 12,260	\$ (6,135)	-100%	9/30/23
Total Expenditures	\$ 740,125	\$ 394,164	\$ 345,961	47%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
DELTA HABITAT CONSERVATION & CONVEYANCE PROGRAM (FUND 16)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 9/30/23
 FAC 11/6/23

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Other:</u>					
In-House Staff	\$ 1,175	\$ 72	\$ 1,103	94%	8/31/23
Total Expenditures	\$ 1,175	\$ 72	\$ 1,103	94%	



MEMO

TO: Pablo Arroyave, Chief Operating Officer
FROM: Raymond Tarka, Director of Finance
Darlene Neves, Accounting Supervisor
SUBJECT: FY24 O&M Budget to Actual Report Through September 30, 2023
DATES: 11.06.23 FAC and 11.09.23 BOD

2023 Water Year (FY 3/1/23-2/28/24 attachment 1

Self-Funding actual expenses (paid and pending) for SLDMWA Routine O&M through September 30, 2023 are over budget by \$655,527. This unfavorable variance is predominantly the result of over-budget DWR conveyance charges for DCI activity of \$1,546,719. All controllable O&M expenditures are below budget.

Outstanding

2022 Water Year (FY 3/1/22-2/28/23)

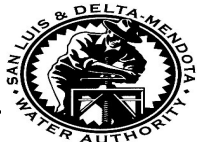
Staff mailed draft contractor records for the WY22 Final Accounting to all contractors on Monday, September 25, 2023. Contractors have responded with any reconciling differences.

Intertie O&M Cost Recovery

WY12 to WY20 Intertie True-Up: outstanding, no cost recovery. Refunds were sent out in November, 2021, the final reports are expected to be drafted upon completion of the WY21 Final Accounting referenced above.

Audited Financial Statements FY2023

FY2023 Audit is underway and staff is working to provide the auditors with all necessary information for a timely audit.



San Luis & Delta Mendota-Water Authority
11.06.23 FAC and 11.09.23 BOD

ANNUAL R, O&M BUDGET BY COST POOLS MARCH 1, 2023 - FEBRUARY 28, 2024

	Total	UPPER	Intertie	Volta Wells	LWR/POOL	O'NEILL O&M		
						DIRECT	STORAGE	SL DRAIN
DMC	\$ 7,767,002	\$ 4,686,609			\$ 3,080,393			
JPP	\$ 5,489,363	\$ 5,489,363						
WW	\$ 204,730	\$ 153,547			\$ 51,183			
Intertie O&M / DWR Conveyance	\$ 270,805		\$ 270,805					
Volta Wells	\$ 69,935			\$ 69,935				
Mendota Pool	\$ 195,462				\$ 195,462			
O'Neill	\$ 3,205,351					\$ 1,602,675	\$ 1,602,675.35	
SL Drain	\$ 245,213							\$ 245,213
Total	\$ 17,447,862	\$ 10,329,520	\$ 270,805	\$ 69,935	\$ 3,327,039	\$ 1,602,675	\$ 1,602,675	\$ 245,213

R, O&M BUDGET BY COST POOLS THROUGH: SEPTEMBER 30, 2023
58.33%

	Total	UPPER	Intertie	Volta Wells	LWR	O'NEILL O&M		
						DIRECT	STORAGE	SL DRAIN
DMC	\$ 4,530,751	\$ 2,733,855			\$ 1,796,896			
JPP	\$ 3,202,129	\$ 3,202,129						
WW	\$ 119,426	\$ 89,569			\$ 29,856			
Intertie O&M / DWR Conveyance	\$ 157,970		\$ 157,970					
Volta Wells	\$ 40,795			\$ 40,795				
Mendota Pool	\$ 114,019				\$ 114,019			
O'Neill	\$ 1,869,788					\$ 1,861,582	\$ 8,206	
SL Drain	\$ 143,041							\$ 143,041
Total	\$ 10,177,919	\$ 6,025,553	\$ 157,970	\$ 40,795	\$ 1,940,772	\$ 1,861,582	\$ 8,206	\$ 143,041

R, O&M Actual COSTS BY COST POOLS THROUGH: SEPTEMBER 30, 2023

	Total	UPPER	Intertie	Volta Wells	LWR	O'NEILL O&M		
						DIRECT	STORAGE	SL DRAIN
DMC	\$ 4,627,726	\$ 2,792,370			\$ 1,835,356			
JPP	\$ 2,412,859	\$ 2,412,859						
WW	\$ 52,086	\$ 39,065			\$ 13,022			
Intertie O&M / DWR Conveyance	\$ 1,704,689		\$ 1,704,689					
Volta Wells	\$ 10,839			\$ 10,839				
Mendota Pool	\$ 95,480				\$ 95,480			
O'Neill	\$ 1,844,268					\$ 1,836,174	\$ 8,094	
SL Drain	\$ 85,499							\$ 85,499
Total	\$ 10,833,446	\$ 5,244,293	\$ 1,704,689	\$ 10,839	\$ 1,943,858	\$ 1,836,174	\$ 8,094	\$ 85,499

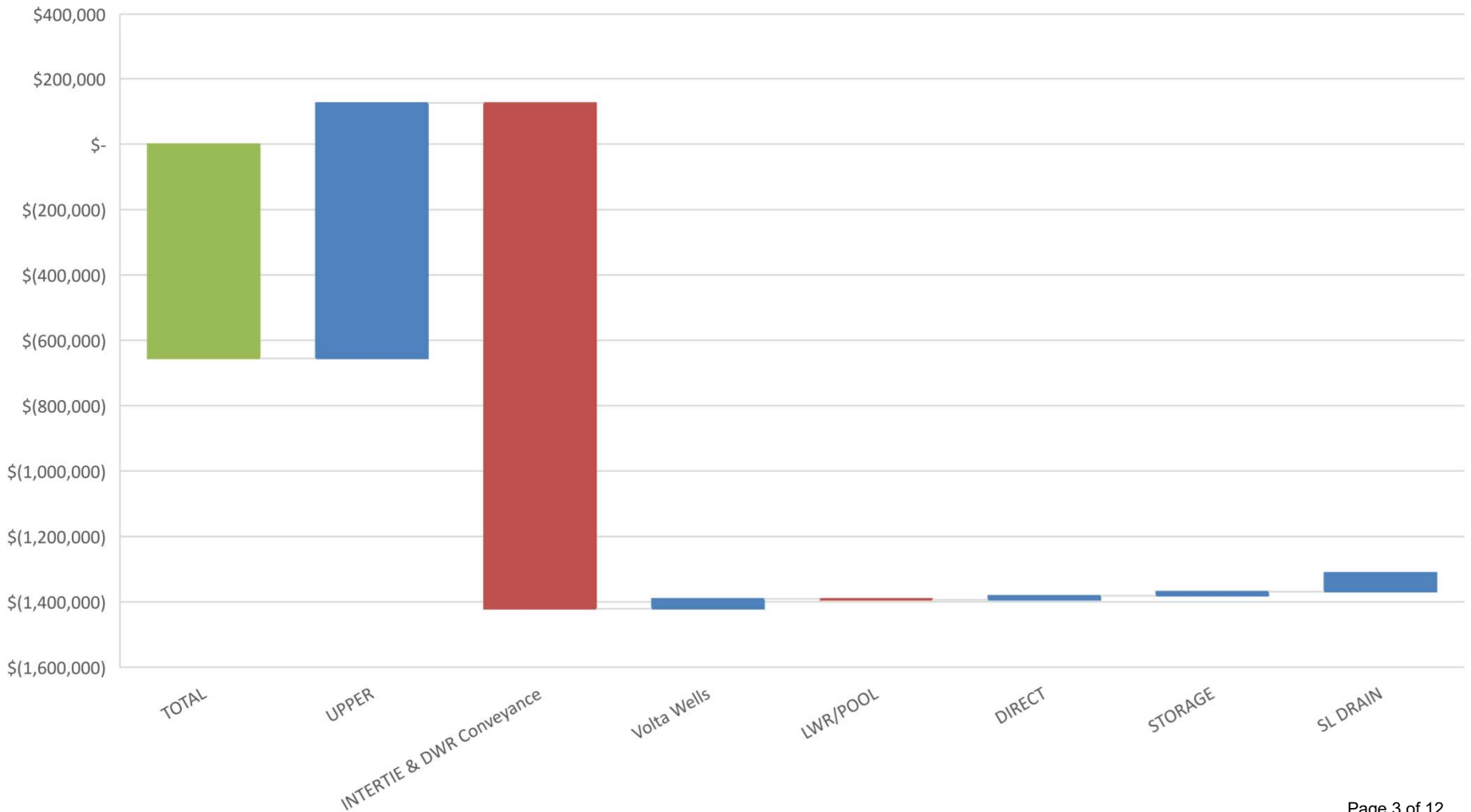
R, O&M BUDGET vs Actual COSTS THROUGH: SEPTEMBER 30, 2023

	TOTAL	UPPER	INTERTIE & DWR		LWR/POOL	O'NEILL O&M		
			Conveyance	Volta Wells		DIRECT	STORAGE	SL DRAIN
R, O&M Budget	\$ 10,177,919	\$ 6,025,553	\$ 157,970	\$ 40,795	\$ 1,940,772	\$ 1,861,582	\$ 8,206	\$ 143,041
R, O&M Actual	\$ 10,833,446	\$ 5,244,293	\$ 1,704,689	\$ 10,839	\$ 1,943,858	\$ 1,836,174	\$ 8,094	\$ 85,499
Difference	\$ (655,527)	\$ 781,260	\$ (1,546,719)	\$ 29,956	\$ (3,086)	\$ 25,408	\$ 112	\$ 57,542
	OVER	UNDER	OVER	UNDER	OVER	UNDER	UNDER	UNDER
		-6.440675%	OVER BUDGET					



San Luis & Delta Mendota Water Authority
FY24 Budget to Actual Report through September 30, 2023
BUDGET VARIANCES
FAC 11/06/2023 BOD 11/09/2023

■ Increase ■ Decrease ■ Total



San Luis & Delta-Mendota Water Authority
DMC without CIP / E O&M
Budget to Actual Paid/Pending Comparison Summary
March 1, 2023 through September 30, 2023
FAC 11/06/23 & BOD 11/09/23

		FY Budget 3/1/23 - 2/29/24		Actual To Date Paid/Pending		% of Budget	Notes	Budget Amount Remaining
Operate & Maintain DMC	S/F 02	5,407,539		3,150,312		58.26%		2,257,227
Operate & Maintain Wasteways	S/F 04	133,829		32,703		24.44%		101,126
Mendota Pool	S/F 05	127,829		87,862		68.73%		39,967
Operate & Maintain JPP	S/F 11	3,532,461		1,593,288		45.10%		1,939,173
Intertie Maintenance	S/F 12	183,548	A	190,177		103.61%		(6,629)
Volta Wells Pumping	S/F 13	46,381		6,858		14.79%		39,523
Operate & Maintain O'Neill	S/F 19	2,118,671		1,229,040		58.01%		889,631
Maintain Tracy Fish Facility	USBR 30	36,347		248,174		682.80%		(211,827)
Operate & Maintain San Luis Drain	S/F 41	160,495		54,451		33.93%		106,044
Maintain Delta Cross Channel	USBR 44	38,500		10,085		26.19%		28,415
Safety Equipment Training	50	322,300		3,033		0.94%		319,267
IT Expense	51	774,335		337,953		43.64%		436,382
Warehousing	52	236,695		65,494		27.67%		171,201
Tracy Field Office Expense	54	624,985		367,736		58.84%		257,249
Direct Administrative/General Expense	56	1,154,281		1,001,982		86.81%		152,299
Indirect O & M LBAO Admin.	58	2,633,617		1,475,099		56.01%		1,158,518
TOTAL		17,531,812		9,854,247		56.21%		7,677,566
Total from Self-Funding - page 2		17,447,862		9,420,663		53.99%		8,027,199
Total from USBR - page 3		83,950		370,657		441.52%		(286,706)
Total from Special Projects - page 4		-		62,927				(62,927)
Totals		17,531,812		9,854,247				7,677,566
YTD %				58.33%				

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, 2023 through September 30, 2023

FAC 11/06/23 & BOD 11/09/23

		FY Budget 3/1/23 - 2/29/24		Actual To Date Paid/Pending	% of Budget	Budget Amount Remaining
Operate & Maintain DMC	02	5,407,539		3,150,312	58.26%	2,257,227
Operate & Maintain Wasteways	04	133,829		32,703	24.44%	101,125
Mendota Pool	05	127,829		87,862	68.73%	39,968
Operate & Maintain JPP	11	3,532,461		1,593,288	45.10%	1,939,172
Intertie Maintenance	12	183,548	A	190,177	103.61%	(6,629)
Volta Wells Pumping	13	46,381		6,858	14.79%	39,523
Operate & Maintain O'Neill	19	2,118,671		1,229,040	58.01%	889,631
Operate & Maintain San Luis Drain	41	160,495		54,451	33.93%	106,044
Total Direct O & M		11,710,753		6,344,691	54.18%	5,366,062
Safety Equipment Training	50	321,789		2,869	0.89%	318,920
IT Expense	51	773,108		319,729	41.36%	453,380
Warehousing	52	236,320		61,962	26.22%	174,358
Tracy Field Office Expense	54	623,995		347,906	55.75%	276,089
Direct Administrative/General Expense	56	1,152,452		947,950	82.26%	204,502
Indirect O & M LBAO Admin.	58	2,629,444		1,395,556	53.07%	1,233,888
Total Indirect Allocated to O & M		5,737,109		3,075,972	53.62%	2,661,137
Total SLDMWA O&M		17,447,862		9,420,663	53.99%	8,027,199

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, 2023 through September 30, 2023

FAC 11/06/23 & BOD 11/09/23

	FY Budget 3/1/23 - 2/29/24	Actual To Date Paid/Pending	% of Budget	Budget Amount Remaining
Maintain Tracy Fish Facility 30	36,347	248,174	682.80%	(211,827)
Maintain Delta Cross Channel 44	38,500	10,085	26.19%	28,415
Total Direct USBR Facilities	74,847	258,259	345.05%	(183,412)
Safety Equipment Training 50	511	105	20.53%	406
IT Expense 51	1,227	11,683	952.39%	(10,456)
Warehousing 52	375	2,264	603.81%	(1,889)
Tracy Field Office Expense 54	990	12,713	1283.97%	(11,723)
Direct Administrative/General Expense 56	1,829	34,639	1894.25%	(32,810)
Indirect O & M LBAO Admin. 58	4,172	50,994	1222.25%	(46,822)
Total Indirect Allocated USBR Facilities	9,103	112,398	1234.71%	(103,294)
TOTAL USBR FACILITIES	83,950	370,657	441.52%	(286,706)

San Luis & Delta-Mendota Water Authority

DMC Indirect Cost Allocated to Special Projects

March 1, 2023 through September 30, 2023

FAC 11/06/23 & BOD 11/09/23

		Allocated To Date		
Safety Equipment Training	50	59		
IT Expense	51	6,541		
Warehousing	52	1,268		
Tracy Field Office Expense	54	7,117		
Direct Administrative/General Expense	56	19,393		
Indirect O & M LBAO Admin.	58	28,549		
Total Indirect Allocated to SPECIAL PROJECTS		62,927		
TOTAL INDIRECT ALLOCATED TO SPECIAL PROJECTS		62,927		

San Luis & Delta-Mendota Water Authority
DMC WITH CIP / E O & M
Budget to Actual Paid/Pending Comparison Summary
March 1, 2023 through September 30, 2023
 FAC 11/06/23 & BOD 11/09/23

		FY Budget 3/1/23 - 2/29/24	Actual To Date Paid/Pending	% of Budget	Notes	Budget Amount Remaining
Capital Improvement Projects	CIP 25	2,297,700	3,037,408	132.19%		(739,708)
Extra Ordinary O&M	EO&M 26	6,198,000	2,884,781	46.54%		3,313,219
Operate & Maintain DMC	S/F 02	5,407,539	3,150,312	58.26%		2,257,227
Operate & Maintain Wasteways	S/F 04	133,829	32,703	24.44%		101,126
Mendota Pool	S/F 05	127,829	87,862	68.73%		39,967
Operate & Maintain JPP	S/F 11	3,532,461	1,593,288	45.10%		1,939,173
Intertie Maintenance	S/F 12	183,548	190,177	103.61%	A	(6,629)
Volta Wells Pumping	S/F 13	46,381	6,858	14.79%		39,523
Operate & Maintain O'Neill	S/F 19	2,118,671	1,229,040	58.01%		889,631
Maintain Tracy Fish Facility	USBR 30	36,347	248,174	682.80%		(211,827)
Operate & Maintain Tracy USBR	USBR 33	-	-	0.00%		-
Operate & Maintain San Luis Drain	S/F 41	160,495	54,451	33.93%		106,044
Maintain Delta Cross Channel	USBR 44	38,500	10,085	26.19%		28,415
Safety Equipment Training	50	349,917	3,389	0.97%		346,528
IT Expense	51	840,688	377,565	0.00%		463,123
Warehousing	52	256,978	73,171	28.47%		183,807
Tracy Field Office Expense	54	678,540	410,839	60.55%		267,701
Direct Administrative/General Expense	56	1,253,190	1,119,427	89.33%		133,763
Indirect O & M LBAO Admin.	58	2,859,290	1,648,000	57.64%		1,211,290
TOTAL		26,519,903	16,157,530	60.93%		10,362,373
Total from Self-Funding - page 2		17,447,862	9,420,663	53.99%		8,027,199
Total from USBR - page 3		83,950	370,657	441.52%		(286,706)
Total from Special Projects - page 4		-	62,927			(62,927)
Total from EO&M		8,988,091	6,303,283	70.13%		2,684,808
Totals		26,519,903	16,157,530			10,362,374
YTD %			58.33%			

A Does NOT include DWR Wheeling

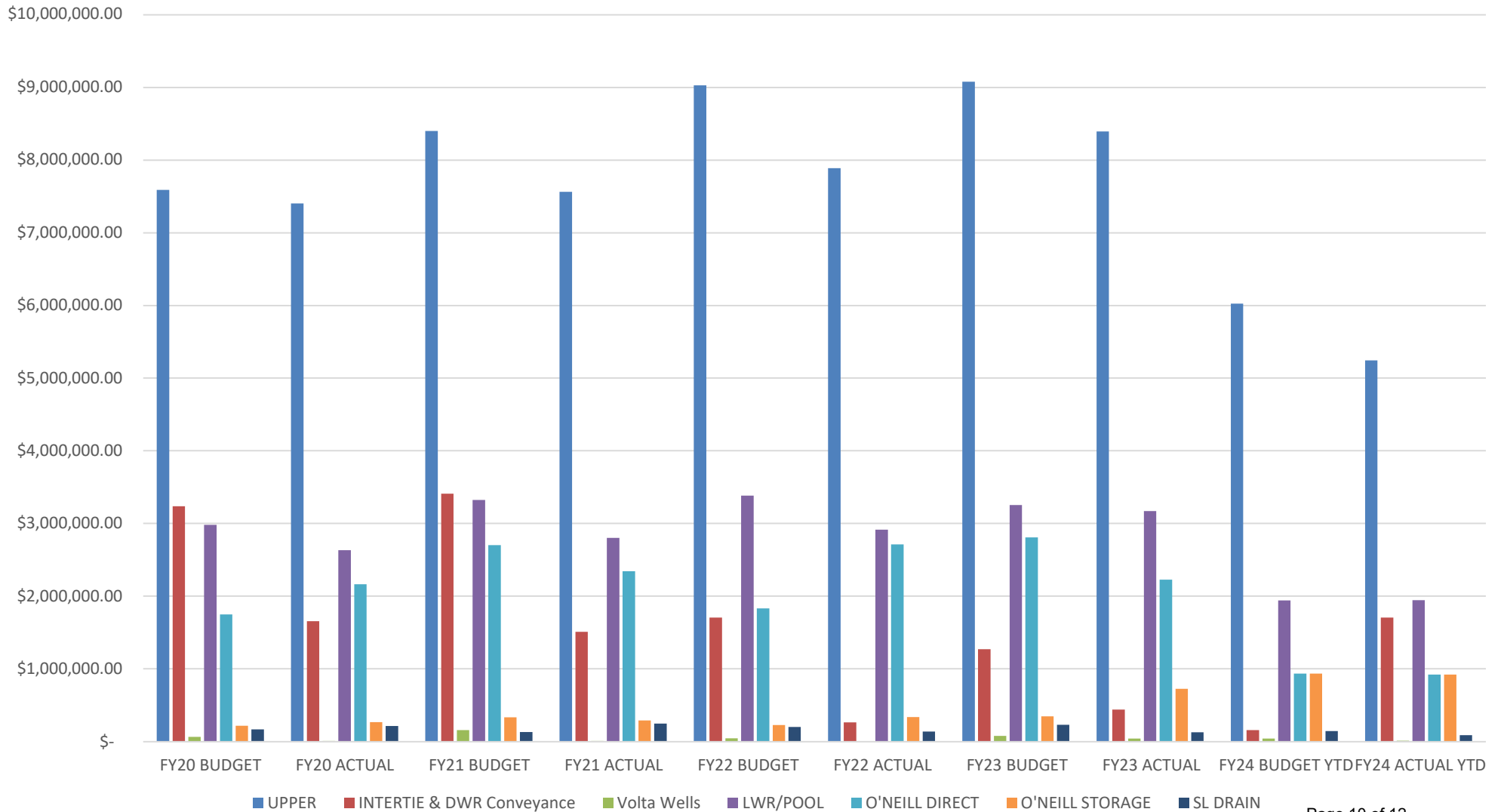
San Luis & Delta-Mendota Water Authority
DMC WITH CIP / E O & M With Indirect Allocated
Budget to Actual Paid/Pending Comparison Summary
March 1, 2023 through September 30, 2023

FAC 11/06/23 & BOD 11/09/23

		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	3,150,312	40.67%	1,477,414	4,627,726 *
Operate & Maintain Wasteways	S/F 04	32,703	0.53%	19,383	52,086 *
Mendota Pool	S/F 05	87,862	0.21%	7,617	95,479 *
Operate & Maintain Jones Pumping PI	S/F 11	1,593,288	22.56%	819,571	2,412,859 *
Intertie Maintenance	S/F 12	190,177	2.80%	101,729	291,906 *
Intertie DWR Conveyance	S/F 12	1,412,784			1,412,784 *
Volta Wells Pumping	S/F 13	6,858	0.11%	3,981	10,839 *
Operate & Maintain O'Neill	S/F 19	1,229,040	16.94%	615,228	1,844,268 *
Maintain Tracy Fish Facility	USBR 30	248,174	2.93%	105,902	354,076
Operate & Maintain San Luis Drain	S/F 41	54,451	0.85%	31,048	85,499 *
Maintain Delta Cross Channel	USBR 44	10,085	0.18%	6,497	16,581
CIP	25	3,037,408	6.33%	229,989	3,267,397
EO&M & Scada Project	26	2,884,780	4.16%	151,105	3,035,886
SPECIAL PROJECTS	XX		1.73%	62,927	62,927
				3,632,391	17,570,313
			100.00%		
Safety Equipment Training	50	3,389			
IT Expense	51	377,565			
Warehousing	52	73,171			
Tracy Field Office Expense	54	410,839			
Direct Administrative/General Expense	56	1,119,427			(6,303,283) less CIP&EO&M
Indirect Administrative/General Expense	57	-			
Indirect O & M LBAO Admin.	58	1,648,000			(370,657) less USBR Facilities
Total Indirect to be Allocated			3,632,391		(62,927) less Special Projects
TOTAL		17,570,313			10,833,446 *SLDMWA O&M Costs
		<i>includes intertie DWR conveyance</i>			

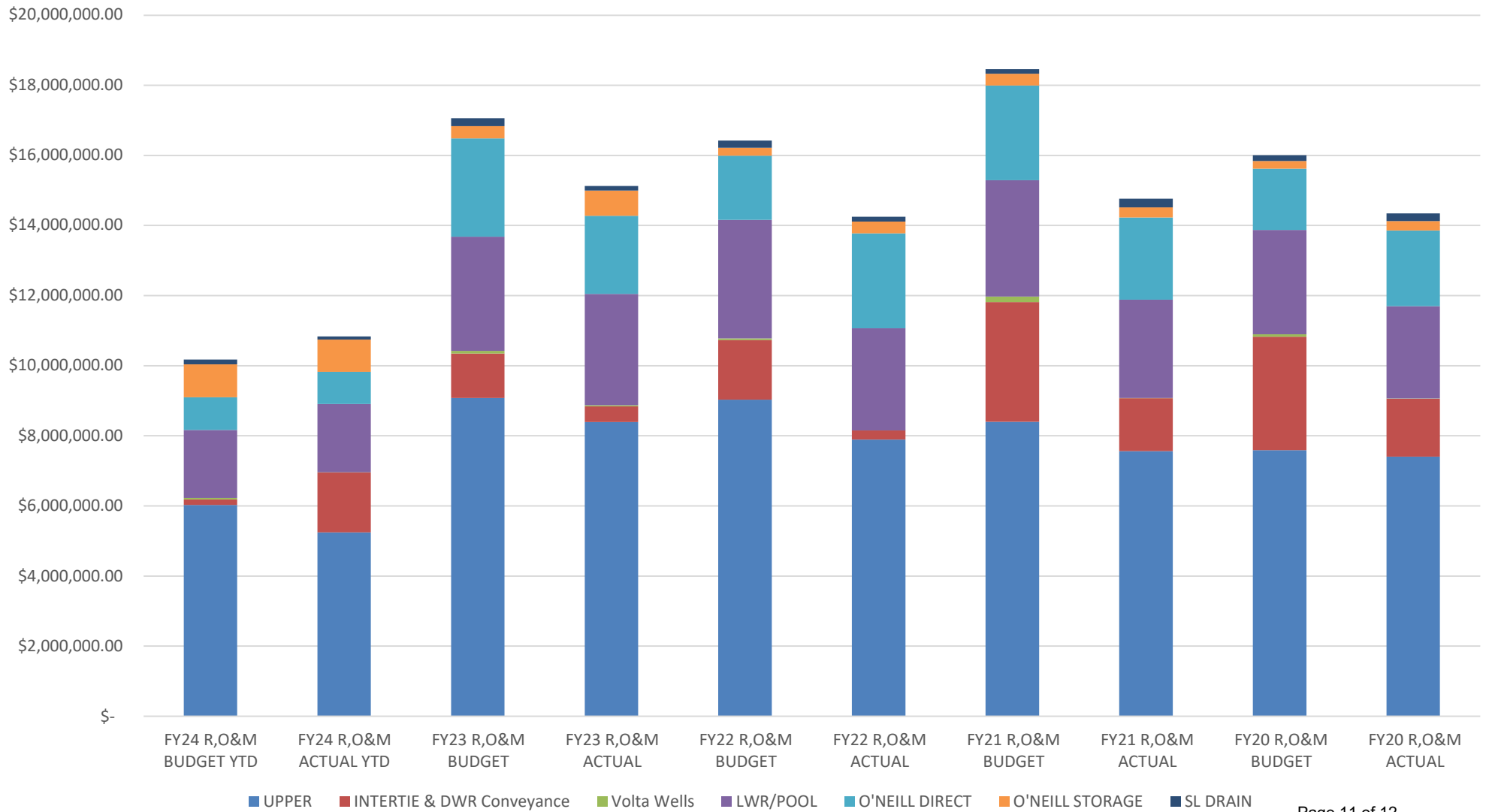


San Luis and Delta-Mendota Water Authority
O&M Budget to Actual
FY20-FY24 YTD (09/30/2023)
FAC 11/06/2023 BOD 11/09/2023



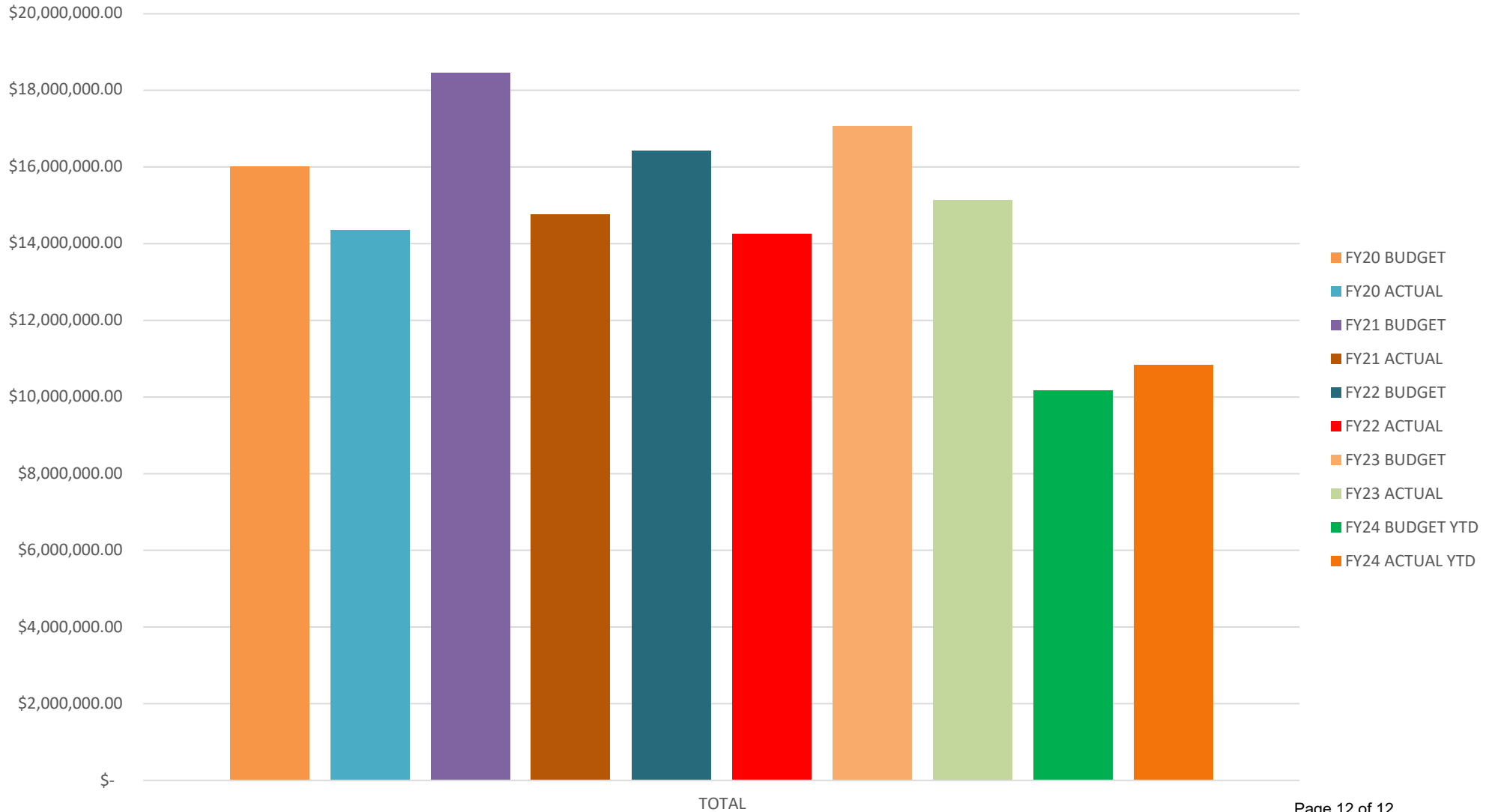


San Luis and Delta-Mendota Water Authority
O&M Budget to Actual
FY20-FY24 YTD (09/30/2023)
FAC 11/06/2023 BOD 11/09/2023





San Luis and Delta-Mendota Water Authority
HISTORICAL O&M BUDGET TO ACTUAL TOTAL
FY20-FY24 YTD (09/30/2023)
FAC 11/06/2023 BOD 11/09/2023



San Luis & Delta-Mendota Water Authority
Procurement Activity Report
From September 26, 2023 to October 31, 2023

Date Executed	Contract Title	Vendor or Service Provider	Contract Amount	Contract Solicitation Type	Contract Type	Funding Source	Notes
10/3/2023	Plant Water Storage Tank Rehab	F.D. Thomas, Inc.	\$ 200,112.00	Formal IFB	Construction	E O&M 26-L3-60	Board action 9/14/23
10/25/2023	Wood Grinding and Pole Disposal	Mountain F. Enterprises, Inc.	\$ 61,145.00	Informal IFB	Construction	O & M	
9/27/2023	S.P. Kinney Automatic Self-Cleaning Strainer Purchase	Frank A. Olsen Co	\$ 75,125.13	Single Source	PO	E O&M 26-L0 ONP-60	PO6374

CONTRACT CHANGE ORDER NOTIFICATIONS:

Date Executed	Contract Title	Vendor or Service Provider	Change Order Amount	Original Contract Amount	% Change	Justification
10/24/2023	Plant Water Storage Tank Rehabilitation- Change Order 1	F.D. Thomas, Inc.	\$3,485.00	\$200,112.00	1.74%	Due to unforeseen conditions, additional surface preparation was required. Contractor needs to scrape off build up on walls and wash prior to work

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.