

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD OF
DIRECTORS REGULAR MEETING
MINUTES FOR DECEMBER 8, 2022

The Board of Directors of the San Luis & Delta-Mendota Water Authority convened at approximately 9:30 a.m. at 842 6th Street in Los Banos, California, with Chair Cannon Michael presiding.

Directors and Alternate Directors in Attendance

Division 1

Dave Weisenberger, Director
Anthea Hansen, Director

Division 2

William Bourdeau, Director
Ara Azhderian, Alternate for Beau Correia
Bill Diedrich, Director

Division 3

Chris White, Alternate for Dan McCurdy (arrived during agenda item 7)
Jarrett Martin, Director (arrived during item 7)
Cannon Michael, Director
Ric Ortega, Director - Ellen Wehr, Alternate (via ZOOM)

Division 4

John Varela, Director (via ZOOM) - Aaron Baker, Alternate
Richard Santos, Alternate for Gary Kremen (via ZOOM)

Division 5

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

Authority Representatives Present

Federico Barajas, Executive Director
Pablo Arroyave, Chief Operating Officer (via ZOOM)
Rebecca Akroyd, General Counsel
Rebecca Harms, Deputy General Counsel
Scott Petersen, Water Policy Director
Ray Tarka, Director of Finance
Darlene Neves, Supervisor of Operational Accounting (via ZOOM)
Bob Martin, Facilities O&M Director (via ZOOM)
Jaime McNeil, Engineering Manager
Cheri Worthy, Executive Secretary (via ZOOM)
Karlene Cranston, Secretary (via ZOOM)
Stewart Davis, IT Officer

Others in Attendance

Mike Wade, Farm Water Coalition
Tom Boardman, Westlands Water District (ZOOM)
Dana Jacobson, Valley Water
Justin Diener, Westlands Water District
Ross Franson, Westlands Water District
Lea Emmons, City of Tracy
Gary Kremen, Valley Water (via ZOOM)
Vince Gin, Valley Water (via ZOOM)
Vince Lucchesi, Patterson Irrigation District (via ZOOM)
Jeff Cattaneo, San Benito County Water District (via ZOOM)
Ed Pattison, Byron Bethany Irrigation District
Steve Stadler, San Luis Water District

1. Call to Order/Roll Call

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

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

No additions or corrections.

3. Opportunity for Public Comment

No public comment.

CONSENT ITEMS

4. Agenda Items 4-6: Board to Consider: a) November 7, 2022 Meeting Minutes, c) Acceptance of the Financial & Expenditures Reports, e) Staff Reports.

On a motion of Director Dave Weisenberger, seconded by Director Bill Pucheu, the Board accepted the November 7, 2022 Meeting Minutes, Financial Expenditures Reports, and Staff Reports.

The vote on the motion was as follows:

AYES:	Weisenberger, Hansen, Bourdeau, Azhderian, Diedrich, Michael, Ortega, Varela, Santos, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

ACTION ITEMS

5. Agenda Item 7: Board of Directors to Consider Resolution Adopting the 2023 Regular Meeting Calendar for the San Luis & Delta-Mendota Water Authority Board of Directors, Water Resources Committee, and Finance & Administration Committee.

Executive Director Federico Barajas reported that included in the packet is a memo regarding regular meetings of the Board of Directors, Water Resources Committee, and Finance & Administration Committee for calendar year 2023, and a Resolution for Board approval. Barajas noted the three meeting dates outside of the normal calendar dates due to holidays.

On a motion of Director Bill Diedrich, seconded by Director Anthea Hansen, the Board adopted the Resolution Adopting the 2023 Regular Meeting Calendar for the San Luis & Delta-Mendota Water Authority Board of Directors, Water Resources Committee, and Finance & Administration Committee. The vote on the motion was as follows:

AYES:	Weisenberger, Hansen, Bourdeau, Azhderian, Diedrich, White, Martin, Michael, Ortega, Varela, Santos, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

6. Agenda Item 8: Board of Directors to Consider Resolution Recognizing the Service and Contributions of Thomas W. Birmingham, General Manager of Westlands Water District.

Executive Director Federico Barajas provide a brief summary of the resolution, presented the Golden Bucket Award, and thanked long time Director Thomas Birmingham for his considerable contributions to the Authority, member agencies, and the state of California. Birmingham thanked Barajas, and briefly spoke about his many years of service, the people he has worked with over the years, and his gratitude to the Authority Board of Directors.

On a motion of Director William Bourdeau, seconded by Director Ric Ortega, the Board adopted the Resolution recognizing the Service and Contributions of Thomas W. Birmingham, General Manager of Westlands Water District. The vote on the motion was as follows:

AYES:	Weisenberger, Hansen, Bourdeau, Azhderian, Diedrich, White, Martin, Michael, Ortega, Varela, Santos, Pucheu, Amorelli
NAYS:	None
ABSTENTIONS:	Birmingham

7. Agenda Item 9: Board of Directors to Consider Water Resources Committee Recommendation Regarding Adoption of Fiscal Year 2024 Objectives.

Water Policy Director Scott Petersen reported that the proposed Fiscal Year 2024 objectives are outlined in the memo contained in the packet, but reflect the same broad objectives as the current fiscal year. Petersen reported that changes from the previous year's objectives are redlined and reflect a conversation that took place at the Water Resources Committee as part of their recommendation to the Board.

On a motion of Director Tom Birmingham, seconded by Director William Bourdeau, the Board adopted Fiscal Year 2024 Objectives. The vote on the motion was as follows:

AYES:	Weisenberger, Hansen, Bourdeau, Azhderian, Diedrich, White, Martin, Michael, Ortega, Varela, Santos, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

8. Agenda Item 10: Board of Directors to Consider Authorizing Execution of Amendment to Professional Services Agreement for DMC Subsidence Mitigation Geotechnical Exploration Work, Issuance of Notice to Proceed for Phases 2 and 3, and Expenditure of up to \$2,708,556.

Engineering Manager Jaime McNeil reported that last year, staff approached the Board with a three-phased geotechnical exploration program to collect preliminary data to inform the Feasibility Study alternatives. McNeil reported that on May 6, 2021, the Board of Directors authorized the Chief Operating Officer to execute a Professional Services Agreement with Terracon, issue a notice to proceed for Phase 1 work, and file a notice of exemption for the geotechnical work under the California Environmental Quality Act. McNeil reported that Terracon completed Phase 1 work on time and under budget, and worked diligently with Reclamation and Authority staff to streamline information sharing. McNeil reported that as a result of data gathered and lessons learned during Phase 1, staff is proposing an amendment to the current Professional Services Agreement to include certain modifications to Phases 2 and 3 as allowed per Section 10.0 of Exhibit A (Scope of Services) to the current agreement. McNeil reported that the modifications are within the general scope of work currently in the contract but involve adjustments to obtain more complete information. McNeil reported that modifications include adjustments to sampling depths, testing plan submittal requirements, soil sample storage containers, and the addition of test pits and associated soil testing as a part of Phase 3. McNeil reported that the test pit locations are within the existing project boundaries established in Phase 1 and utilize the established labor and testing rates. McNeil reported that in addition, although original agreement language envisioned separate notices to proceed for Phases 2 and 3, staff now proposes to issue notices to proceed for Phases 2 and 3 concurrently to allow the work to be done in the most efficient and effective manner. McNeil reported that Terracon has demonstrated an ability to perform the work concurrently and critical time will be saved by issuing a notice to proceed for both Phases 2 and 3. McNeil reported that the budget is within the grant amount staff anticipates receiving from Reclamation.

On a motion of Director Ric Ortega, seconded by Alternate Director Ara Azhderian, the Board authorized the execution of amendment to Professional Services Agreement for DMC Subsidence Mitigation Geotechnical Exploration Work, Issuance of Notice to proceed for Phases 2 and 3, and expenditure of up to \$2,708,556. The vote on the motion was as follows:

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AYES: Weisenberger, Hansen, Bourdeau, Azhderian, Diedrich, White, Martin, Michael, Ortega, Varela, Santos, Pucheu, Birmingham, Amorelli

NAYS: None

ABSTENTIONS: None

9. Agenda Item 11: Board of Directors to Consider Authorizing Los Vaqueros Reservoir Expansion Project Activity Agreement Expenditure of up to \$1,094,000 in FY23 to Fund Amendment No. 4 to the Cost Share Agreement for Los Vaqueros Reservoir Expansion Project Planning.

Chief Operating Officer Pablo Arroyave reported that Contra Costa Water District identified an additional scope of work and the various Local Agency Partners (LAPs) executed Amendments Nos. 2 and 3 to fund additional work. Arroyave reported that the proposed Amendment No. 4 would fund three major tasks: project management, environmental planning, and engineering feasibility. Arroyave reported that the total cost associated with Amendment No. 4 is \$7,658,000, with each of the 7 LAPs paying \$1,094,000. Arroyave reported that because the Authority's share is divided equally among its Activity Agreement members, each Activity Agreement member's cost share will be \$218,800. Arroyave reported that all the Activity Agreement members have approved the execution of Amendment No. 4. Arroyave reported that the amount due will be invoiced in January 2023, in the current FY23. Arroyave reported that since the funds necessary to support Amendment No. 4 were not included in the FY23 Activity Budget, it is necessary to have the Board authorize the additional expenditure of up to \$1,094,000.

On a motion of Director Ara Azhderian, seconded by Alternate Director Bill Pucheu, the Board authorized the Los Vaqueros Reservoir Expansion Project Activity Agreement expenditure of up to \$1,094,000 in FY23 to Fund Amendment No. 4 to the Cost Share Agreement for Los Vaqueros Reservoir Expansion Project Planning. The vote on the motion was as follows:

AYES: Weisenberger, Hansen, Bourdeau, Azhderian, Diedrich, White, Martin, Michael, Ortega, Varela, Santos, Pucheu, Birmingham, Amorelli

NAYS: None

ABSTENTIONS: None

REPORT ITEMS

10. Agenda Item 12: Report on State and Federal Affairs.

Water Policy Director Scott Petersen reported the Council on Environmental Quality has released the first formal version of its Climate & Economic Justice Screening Tool (CEJST), which increases the number of communities eligible for funding under the Biden Administration's Justice40 initiative to 27,251, nearly 4,000 over a beta version of the mapping tool. Petersen reported that the November 22 release of CEJST "Version 1.0" means that federal agencies may now use it to identify

disadvantaged communities eligible for Justice40 dollars, including under the bipartisan infrastructure law and Inflation Reduction Act.

Petersen reported that on October 6, the U.S. Fish and Wildlife Service announced a proposed rulemaking to list the San Francisco Bay-Delta distinct population segment of longfin smelt as an endangered species under the Endangered Species Act (ESA). Petersen reported that Longfin smelt are currently listed as a threatened species under California's Endangered Species Act, which prohibits unpermitted possession, purchase, sale or take of listed species. Petersen reported that the state's definition of take does not include harm, which under the federal ESA can include destruction of habitat. Petersen reported that the Authority joined in a letter with the State Water Contractors pointing out deficiencies in the science used to support the proposed listing of the longfin smelt distinct population segment as endangered.

Petersen reported that yesterday, a group of 15 bipartisan senators, including both California Senators, sent a letter asking Agriculture Secretary Tom Vilsack to make sure their farmers and ranchers don't get left out of the new conservation funding from the Infrastructure, Investment, and Job act and the bipartisan infrastructure bill. Petersen reported that in a letter to Vilsack, the lawmakers argue that many of the department's programs don't translate well to Western agriculture, and that "more creative and tailored solutions", as well as, more staff with expertise in Western water conservation are needed.

Petersen reported that the planning and budgeting process for the 2023 Farm Bill has begun, and Congressional Agriculture committees are starting to outline the next five years' spending for national conservation, food, farm and nutrition programs. Petersen reported that the Authority has begun to prepare for the next farm bill by engaging with agricultural and conservation partners and working with its members to develop priorities for the farm bill debate. Petersen reported that debate over this next farm bill will likely include topics like policies related to agriculture and climate change, price inflation, international trade and industry consolidation. Petersen reported that a large portion of our engagement will be devoted to the 2023 Farm Bill conservation title.

Dennis Cardoza provided additional information on federal affairs.

Petersen reported that the Draft Environmental Impact Report (EIR) for the Delta Conveyance Project was released for public review and comment on July 27, 2022. On September 23, the Department of Water resources (DWR) announced that the comment period has been extended, by request. Petersen reported that the new end date for the comment period is Friday, December 16, 2022.

Petersen reported that the Systemwide Action Team and other workgroups continue to meet to advance the Voluntary Agreement program. Petersen reported that recent developments include an announcement that in September and November, four more agencies (Contra Costa Water District, San Francisco Public Utilities Commission, Turlock Irrigation District and Modesto Irrigation District) have signed onto the VA MOU. Petersen reported that work continues to develop the working documents

associated with execution and implementation of the VA's and workgroups for participating agencies have been formed, with the recent formation of a VA Science Workgroup to develop the framework of the VA's proposed Science program.

Petersen reported that yesterday, Assembly Budget Chair Phil Ting laid out the chamber's budget priorities for 2023, including its aim to preserve funding boosts for education, infrastructure and social services. Petersen reported that it includes a \$54 billion climate package over 6 years, including drought resiliency.

Kristin Olsen provided additional information on state affairs.

11. **Agenda Item 13: Executive Director's Report.**

- a. **Budget Workshop**- Executive Director Federico Barajas reminded the Board of the upcoming Budget Workshop scheduled to take place on December 14.

12. **Agenda Item 14: Chief Operating Officer's Report**

- a. **BIL Infrastructure Funding** – Chief Operating Officer Pablo Arroyave reported that the funding applications for the DMC Subsidence Correction Project and the JPP Excitation Project were submitted to Reclamation last week. Arroyave reported that for the JPP Excitation project application, the Authority used a revised project cost estimate of \$25 million provided by Reclamation's Technical Service Center.
- b. **Yuba Water** – Arroyave reported that the total water for Authority membership was 38,379 af.
- c. **2023 Delivery Information** – Arroyave reported that district responses to the 2023 delivery schedules need to be received by December 13.
- d. **JPP Unit 4** – Chief Operating Officer Pablo Arroyave reported that the reassembly is complete, and they are moving onto Unit 3.

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

Westlands Water District's Tom Boardman reported on Shasta storage conditions and Reclamation's latest refill projection for the 2023 spring. Folsom storage conditions were also noted along with accumulated snowpack levels.

Current export rates were reported in addition to Delta conditions limiting higher exports and near term expected increases to Delta inflow from an approaching storm system. Boardman's explanation of the elevated river flows included the details of how exports could be curtailed by the requirements of the 2019 Biological Opinion for delta smelt. Boardman responded to Board questions during his

presentation.

Current accounting for the Coordinated Operations Agreement was noted followed by a brief status report on CVP San Luis storage and refill projections.

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

- a. **Water Resources Committee** – Chair Tom Birmingham reported that the committee met and addressed agenda items.
- b. **Finance & Administration Committee** – Chair Cannon Michael reported that the committee met and addressed agenda items.
- c. **O&M Committee** – No report.

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

- a. **State and Federal Contractors Water Agency (SFCWA)** – No report.
 - b. **Family Farm Alliance (FFA)** – Report included in the packet.
 - c. **Farm Water Coalition** – Mike Wade provided a brief report on the history of the Farm Water Coalition, and changes that have occurred over the years. Director Bill Diedrich commented on budget support.
 - d. **Association of California Water Agencies** - Director John Varela reported on the ACWA Fall Conference. General Counsel Rebecca Akroyd provided a brief report on Legal Affairs.
 - e. **Water Blueprint for the San Joaquin Valley** - Water Policy Director Scott Petersen reported that next meeting is in January.
 - f. **SJV CAP** - Water Policy Director Scott Petersen reported the CAP Plenary Group met on November 22, with focus being placed on approval of a revised Term Sheet, which, if approved, will allow for the CAP to advance to Phase II. Petersen reported that during that meeting, the CAP Plenary Group adopted the revised Term Sheet, and the Steering Committee is meeting this month to begin discussions focused on Phase 2. Petersen reported that the Packard Foundation approved a \$750,000 grant to the CAP to advance the Phase 2 project and product development.
- G. **CVPWA** – No report.

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

No reports.

17. **Agenda Items 19-20: Closed Session Report.**

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 10:57 a.m. Upon return to open session at approximately 11:40 a.m.,

Chair Cannon Michael stated that no reportable actions were taken.

18. **Agenda Item 21: Reports Pursuant to Government Code Section 54954.2(a)(3)**

No report.

19. **Agenda Item 22: Adjournment.**

The meeting was adjourned at approximately 11:40 a.m.

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**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY JOINT SPECIAL WORKSHOP OF THE
BOARD OF DIRECTORS, WATER RESOURCES COMMITTEE, AND FINANCE &
ADMINISTRATION COMMITTEE SPECIAL JOINT WORKSHOP MINUTES
DECEMBER 14, 2022**

The Joint Special Workshop of the Board of Directors, Water Resources Committee, and Finance & Administration Committee of the San Luis & Delta-Mendota Water Authority convened at approximately 10:00 a.m. at Hotel Mission de Oro, 13070 South Hwy 33, Santa Nella, with Vice-Chair William Bourdeau presiding.

Directors and Alternate Directors in Attendance

Division 1

Anthea Hansen, Director
Lea Emmons, Alternate for Rick Gilmore

Division 2

William Bourdeau, Director
Beau Correia, Director - Ara Azhderian, Alternate
Bill Diedrich, Director

Division 3

Jarrett Martin, Director
Ric Ortega, Director

Division 4

Aaron Baker, Alternate for John Varela
Richard Santos, Alternate for Gary Kremen
Jeff Cattaneo, Director

Division 5

Bill Pucheu, Director

Water Resources Committee Members Present

Ex-Officio

William Bourdeau

Division 1

Anthea Hansen, Alternate

Division 2

Bill Diedrich, Member

Division 3

Ric Ortega, Alternate

Division 4

Jeff Cattaneo, Alternate

Division 5

Absent

Finance & Administration Committee Members Present

Ex-Officio

William Bourdeau

Division 1

Anthea Hansen, Alternate

Division 2

Bobbie Ormonde, Member (arrived during agenda item 4)

Division 3

Jarrett Martin, Alternate

Division 4

Jeff Cattaneo, Member - Dana Jacobson, Alternate

Division 5

Bill Pucheu, Member

Friant Water Authority

Wilson Orvis, Alternate for Jason Phillips

Authority Representatives Present

Federico Barajas, Executive Director

Pablo Arroyave, Chief Operating Officer

Rebecca Akroyd, General Counsel

Rebecca Harms, Deputy General Counsel

Scott Petersen, Water Policy Director

Ray Tarka, Director of Finance

Lauren Neves, Accountant III

Darlene Neves, Accountant II

Laures Stile, Director of HR

Bob Martin, Facilities O&M Director

Stewart Davis, IT Officer

Others in Attendance

Justin Diener, Westlands Water District

Ed Pattison, Byron Bethany Irrigation District

Steve Stadler, San Luis Water District (arrived during agenda item 4)

John Wiersma, Henry Miller Reclamation District

Chase Hurley, Pacheco Water District

Palmer McCoy, Grassland Basin Authority

1. Call to Order/Roll Call

The meeting was called to order by Vice-Chair William Bourdeau and roll was called.

2. Agenda Item 3: Opportunity for Public Comment

None.

3. Agenda Item 4: Review Proposed Fiscal Year 24 Operations, Maintenance and Replacement (OM&R), and Activity Budgets.

Executive Director Federico Barajas reviewed the process of developing the proposed FY24 OM&R and Activity budgets. Barajas discussed comparisons between the FY23 and proposed FY24 budgets, and referred to Chief Operating Officer Pablo Arroyave, who provided additional detail regarding the proposed FY24 OM&R Budget and highlighted changes from earlier drafts.

Subsequently, Barajas, Policy Director Scott Petersen, and General Counsel Rebecca Akroyd provided additional detail regarding the proposed FY24 Activity Budget and highlighted changes from earlier drafts. Barajas also clarified the difference between the FY24 proposed budget and anticipated membership assessment.

4. Agenda Item 5: Discussion Regarding Consumer Price Index/Salary Adjustments Relative to Fiscal Year 2024 Budget.

Executive Director Federico Barajas introduced the item and referred to General Counsel Rebecca Akroyd, who reviewed the Water Authority's Salary Adjustment Policy and current Consumer Price Index (CPI) information. Board and Committee members provided direction to staff to consider amending the policy going forward.

5. Agenda Item 6: Review Preliminary Illustrative Water Year 2023 OM&R Rates

Chief Operating Officer Pablo Arroyave reviewed the preliminary illustrative WY23 OM&R rates, which are based on 0%, 5%, and 10% Ag allocations. Arroyave indicated that demand data is not yet incorporated into the rates. Finance & Administration Committee member Wilson Orvis requested the inclusion of minimum participation numbers in calculation of the rates.

6. Agenda Item 7: Discussion Regarding Cost Allocation of Various Activity/Fund Budgets.

Executive Director Federico Barajas presented the item. Barajas reviewed current cost allocation methodology and the alternative methodology developed following months of discussion with members. Board and Committee members requested making any changes to the cost allocation methodology through the strategic plan process rather than via adoption of the proposed FY24 budget.

7. Agenda Item 8: Executive Director's Report.

Executive Director Federico Barajas referred to General Counsel Rebecca Akroyd, who reviewed requirements associated with AB2449, including the need for a camera in the Board room in order for Board and Committee members to take advantage of new teleconference opportunities. Board members confirmed that staff should pursue purchase and installation of a camera in the Board room this current fiscal year.

8. **Agenda Items 9-11: Closed Session Report.**

Vice Chair William Bourdeau adjourned the open session to address the items listed on the Closed Session Agenda at approximately 1:15 p.m. Upon return to open session at approximately 1:32 p.m., General Counsel Rebecca Akroyd stated that no reportable actions were taken.

9. **Agenda Item 12: Reports Pursuant to Government Code Section 54954.2 (a) (3)**

No reports.

10. **Agenda Item 13: Adjournment.**

The meeting was adjourned at approximately 1:33 p.m.



XII. A

January 12, 2023

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for December 2022

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 1-4 units for the month of December. The average rate of pumping for the JPP during the month was 1,406 cubic feet per second (cfs).

Total pumping at the JPP for the month of December was 86,469 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 4,195 acre-feet, and pumped 72,363 acre-feet during the month of December. There was 1,511 acre-feet pumped at the Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) that was necessary to help manage the DMC water levels due to the increased pumping at JPP in late December. Zero (0) acre-feet was reversed from the California Aqueduct to the DMC this month.

The Federal share in the San Luis Reservoir at the end of December was 259,356 acre-feet as compared to 102,386 acre-feet for end of December 2021.

During the month of December, releases from Friant Dam ranged from 504 to 655 cfs with 16,429 acre-feet entering the Mendota Pool. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 16,285 acre-feet for December.

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

Control Operations switching/clearance placements performed this month:

- C-22-JP-79 Volta West well repair
- C-22-JP-91 JPP Unit 3 rewind/annual maintenance
- C-22-JP-92 JPP Unit 3 suction elbow
- C-22-JP-93 OPP Unit 1 distributor oil leak repair
- C-22-DCI-94 DCI UAA reset
- C-22-DCI-95 DCI UAA troubleshoot kilowatt metering

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Plant Maintenance Department

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

Electrical/C&I Staff:

- JPP Unit 3 rewind
- JPP sump pump level controller repair
- JPP monorail PM
- JPP sewer system controller repair
- JPP lighting system
- JPP MP6A breaker alarm repair
- Butterfly valve air compressor leak repair
- TFO Warehouse HVAC PM
- TFO HVAC PM
- TFO industrial water system PM
- TFO facilities lighting
- TFO Electric shop heater PM
- DCI Unit 3 & 4 assistance
- LBFO Electrical & C&I PM's
- Check 9 Gate 1 - repairs and adjustment on drum shaft to limit switch
- Check 9 Gate 2 - repairs and adjustment on drum shaft to limit switch
- Check 9 Gate 3 - repairs and adjustment on drum shaft to limit switch
- SCADA room HVAC system repairs
- OPP Unit 6 Penstock upgrade from an Accusonic 7510+ to a 8510+
- OPP Siphon breaker building exterior repairs
- OPP battery room exhaust fan failure repair
- OPP security alarm system troubleshooting/investigation on Siphon building

Mechanical Staff:

- JPP & OPP trash rack cleaning
- JPP trash rack PM
- JPP Unit 4 cooling water pipe weld repair
- JPP HVAC PM
- JPP Unit 2 annual maintenance
- JPP Unit 3 rewind prep work
- JPP Unit 3 rewind
- JPP Unit 4 butterfly valve repairs
- JPP routine painting
- JPP & OPP plant checks and PM's
- CMT water heater replacement
- Fabricated lower guide bearing shoulder bolts
- Water treatment plant leak repairs
- Industrial water valve replacement
- Industrial water pump #2 rebuild
- Butterfly valve air compressor leak repair
- Routine sandblast/painting
- OPP plant sand filter back wash
- OPP Unit 1 oil leak in the distributor housing investigation and repair
- Check 9 - repairs and adjustments on drum shaft to limit switches on all gates

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USBR Support Services

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

- TFCF DRS dive inspection
- TFCF tension arm repairs
- TFCF monorail gripper repairs
- TFCF stoplog seal replacement
- TFCF install stoplogs in the velocity channel and holding tank vaults
- TFCF travel screen repairs
- TFCF hot tap waterline repairs

Civil Maintenance Department

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

- Mowing of DMC ROW
- LBFO building PM's
- LBAO building PM's and repairs (floor and kitchen wall)
- JPP Support
- Fabricate handrails along the DMC
- Fabricate pipe fencing along the DMC
- Inspect drain inlets, overchutes and culverts
- Garbage collection on DMC and wasteways
- Chemical and mechanical weed control on DMC and SLD
- Maintenance and repairs to float lines, signs, fences, guardrails and gates
- Fabricated lids for water pipes at the TFO Water Treatment Plant
- Test can replacement and repairs at MP 85.08 and 88.64
- New employee Class A driver training
- Fabrication of handrails for TFO roof hatch openings
- San Luis Drain sign repairs and replacement
- Painting over graffiti on DMC structures
- Turnout gate replacement at MP 49.56 and 62.08
- DMC pot hole and road repair
- Installed three traffic gates at MP 40.37
- DMC erosion repair
- TFO yard maintenance
- LBFO yard maintenance
- Repair entry gate for USBR
- 90 Day BIT inspections
- Replaced broken traffic strips on bridge at MP 84.82
- Annual and quad tests for boom trucks
- Installed new boot cleaners at LBFO
- Smoke tested all big rigs

Engineering Department

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

- DMC seepage monitoring @ MP 20.15L
- Data management of well readings and creation of Warren Act hydrographs
- DCI U3 & U4 pump installations engineering support and SCADA development
- OPP Unit 1 & 3 generator switchgear transfer switch repair
- OPP SCADA user station development
- JPP OPERATOR2 server replacement
- OPP Kinney strainer purchase
- DCI cathodic protection system repairs
- TFO & JPP electrical PM program

2022 DMC Pumpback Project

- Final report completed including summary of activities and plan set
- Final invoicing partially completed, awaiting correction to indirect charges

Land Management Activity Summary

The Engineering staff issued five (5) access permits this month:

- Access permit P2302032 was issued to Del Puerto Water District to repair the leaky distribution meter box at Milepost 43.73-L on the Delta-Mendota Canal.
- Access permit P2302033 was issued to Del Puerto Water District allowing them to install a temporary turnout truck filling station at Milepost 45.78-R on the Delta-Mendota Canal right-of-way.
- Access permit P2302034 was issued to Forensic Analytical Consulting Services allowing them to conduct a pre-construction survey for the new bridge crossing at Milepost 9.29 (International Parkway) on the Delta-Mendota Canal.
- Access permit P2302035 was issued to Del Puerto Water District allowing them to install a temporary turnout truck filling station at Milepost 43.24-R on the Delta-Mendota Canal right-of-way.
- Access permit P2302037 was issued to Del Puerto Water District allowing them to install a temporary overhead water filling station at Milepost 45.78-R on the Delta-Mendota Canal right-of-way.

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

- Orestimba Creek Recharge Project
- City of Tracy commercial developments
- City of Patterson – Roger Road developments & Baldwin Ranch comments
- Nees Avenue Bridge replacement
- I-205 Bridge replacement
- PG&E pipeline replacement at MP92.73
- Koster Road Bridge guardrail extension, San Joaquin County
- City of Tracy Schulte warehouse annex
- Black Gulch Creek license renewal
- Lammers Road Bridge replacement

Safety Department

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support for the crews
- Assisted Alameda County Environmental Health Inspector with a hazardous materials inspection of the Tracy facilities
- Sent out Weekly Safety Tailgate topics – 12-1 Handle Glass Safely, 12-2 Accident Prevention, 12-3 Office Safety, 12-4 Caught In Between and Struck By
- Provided Safety Message for December 2022 Building Healthy Habits newsletter
- Provide Rescue Standby service at OPP
- Conducted ergonomic evaluation for Gloria Badillo
- Conducted Fall Protection Harness inspections
- Conducted Fall Protection Safety training to USBR employees

Procurement and Work & Asset Management Department

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

- Continued new staff training and support
- Completed staff annual performance appraisals and submitted to HR
- Provided SLDMWA contract “boiler plate” to legal for review
- Completed Procurement Activity Report
- Contracts/PO Agreements/LOA's Status Update:
 - F22-OPP-059 - OPP Main Transformer Rehabilitation – Worked with engineering team and Contract Specialist to prepare for second RFI releasing and re-release of RFP in January
 - F22-JPP-071- UZ11A Switchgear Bushing Box Replacement Materials- Board approved single source on 2/10. Contract executed 4/14. Received all materials. Now preparing to issue NTP for Construction portion.
 - F22-DMC-047, DMC Subsidence GEX– Worked on amendment to be executed next month
 - F23-TFO-013, Landscape Maintenance – Worked with Contract Specialist on updating RFQ to re-solicit services. Plan to release early December.
 - Issued PO4603 for professional services to IAQ-EMF Consulting \$6,332

Ongoing:

- Purchasing in support of the O&M crews, and maintaining/replenishing warehouse stock
- Warehouse receiving, stocking, and distribution
- Invoicing/vendor bills/vendor credits processing/Invoice Disputes
- Janitorial cleaning & disinfecting per COVID-19 guidelines
- Participated in NetSuite weekly & biweekly meetings
- Contract Management/Administration Activities, including bi-weekly contract update meetings with Engineering Staff
- Developing/implementing purchasing/procurement and asset/inventory procedures/boilerplate templates
- Bi-weekly WAM staff meetings to discuss updates/issues
- Contract invoice payment reviews, invoice disputes as needed, invoice payments
- Continuous testing for improvements to procedures in NetSuite, as well as ongoing issues related to NetSuite constraints
- Development of Blanket Contracts and Blanket Purchase Orders/Agreements

- Reviewing/closing out old/open PO's in NetSuite
- Reviewing and marking dead stock inventory for disposal

Information Technology Department

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

- NetSuite
 - User and Administration
 - Bi-Weekly Implementation Team meetings
 - Reviewed FTC contract, FTC will sign WA Contract and add theirs along with SOW as addendums
- Assisted with monthly FAC, WRC and BOD meetings with Zoom
- Desktop support calls
- Server refresh quotes sent out
- Upgrading/replacing copiers
 - Caltronics; awaiting delivery
- Monitor Symantec Anti-Virus management console
- Security updates on servers
- Monitor firewall
- Update additional AV security settings
- Multi Factor Authentication vendor SurePass
- Cyber security Incidence Response Plan
- Disaster Recovery Plan
- Business Continuity Plan
- Cyber Security Team
- First Net deploying iPhones and iPad SIMS
- MDM IBM (MAAS360) monitoring
- Reviewed Infagard dispatches – FBI Cyber Security group
 - FBI Infagard site hacked and data stolen
- Cyber Security training and webinars
- WAM servers, prepping for redeployment
- Troubleshoot ongoing Email Auto-discover issues after WEB site move
- Completed Darktrace evaluation for Cyber Security monitoring
- Support of Water Operations iPads and new app deployments via MDM
- 2nd meeting with Tyler technologies regarding Cyber Security support
- Start researching File Sharing/Collaboration software solutions
- Working with Brandon Souza regarding USBR Work Request email process
- Create deployment packages for Office 2019 and 2021 and install in test environment and deploy to two users for testing in WA environment
- Backup appliance replacement received
- Ordered camera for Brown Act requirements in Board Room

HR Department

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

General Administrative Activities:

- Active Recruitments:
 - Hydro Electric Electrician, Tracy (continued recruitment, skills testing scheduled)
 - Mechanical (Plant) Engineer, Tracy (continued recruitment, interview scheduled)
 - Control Operator, Tracy (continued recruitment, interview scheduled)
- Closed Recruitments:
 - Heavy Equipment Operator (skills testing scheduled)
- Candidates Selected:
 - Apprentice Plant Mechanic
 - Hydro Tech II
- Background checks for PIV cards (continuing)
- New Hire Orientations

Training:

- Remain up to date with COVID-19 compliance
 - Corona Virus 101 training (new hires)
- Cyber Security training (all staff)
- Sexual Harassment Prevention training (all staff)
- Defensive Driving training (all staff)

Government Reporting:

- Merced County Public Health COVID Reporting (as needed)
- Alameda County Public Health COVID Reporting (as needed)
- Affirmative Action reporting – gathering data for end of year reports

Ongoing:

- COVID Protocols
- FMLA notices/follow ups
- COBRA notices/follow ups
- Worker's Comp follow ups
- Monthly safety points distribution
- Health benefits eligibility/employee assistance
- Job description updates
- Policy updates
- Maintain OSHA logs for calendar year
- PIV Cards (USBR)
- Wellness program

EXTRAORDINARY O&M & CAPITAL PROJECTS

DELTA-MENDOTA CANAL (DMC)

Bridge Abutment Repair at MP 92.73 (FY21)

Status: PGE has completed the relocation of the 6-inch gas transmission line that crosses under the MP92.73 bridge serving the City of Dos Palos. In the process of removing the pipeline from the bridge, PG&E's contractor damaged the concrete stem wall. Staff performed a visual inspection with PG&E inspectors and contractor and determined that the damage is within SLDMWA's capabilities for repair. PG&E has agreed to reimburse SLDMWA the full cost of the repair which is currently scheduled to be completed with the erosion repair.

SLDMWA will be performing erosion and liner repairs under the bridge abutment in Spring 2023; meanwhile the bridge remains closed until repairs are complete.

DMC Subsidence Correction Project

Status: SLDMWA is continuing to work closely with Reclamation on the DMC Subsidence Correction Project. CDM Smith was awarded the \$2.4M contract in February 2022 to complete the Feasibility Study. The Feasibility Report is expected to be completed in approximately one year, with certain environmental permitting extending longer if needed. The Final Draft Report has been scheduled to be completed by 3/10/2023, however recent USBR comments may require additional work and time. CDM submitted a backcheck to the 2nd Administrative Draft of the EA/IS which included the additional modeling for the increased pumping capacity at DCI Intertie. The additional pumping capacity reduced the Benefit Cost Ratio (B/C), but remains above >1, deeming the project still economically feasible. Upon review, USBR advised that their Policy Reviewers may require a more indepth economic analysis on non-structural alternatives to demonstrate to reviewers that a full range of alternatives were evaluated. CDM is currently working on quantifying the impacts of completing the additional analysis.

SLDMWA executed a Contract Amendment and Notice to Proceed to complete the final Geotechnical Phases 2 & 3 Exploration after Board granted approvals at the December board meeting. Staff is setting up biological clearances while Terracon performs preliminary USA clearances with drilling anticipated to begin in late January.

The SLDMWA continues to provide support to Reclamation as they manage the construction contract with Unico Services to install the two additional pumps at the DMC/CA Intertie Pumping Plant (DCI). After numerous supply chain issues, all materials were received by Unico and they mobilized back to the site on 9/26. Commissioning of the new units began late October, however an issue with the relay settings was discovered. The Authority and Reclamation just resolved the relay settings, and Reclamation is working with the Contractor on a remobilization date. Final work is expected to take 3 days once the contractor and subcontractors mobilize to site.

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EXTRAORDINARY O&M & CAPITAL PROJECTS

DMC Turnout Flowmeter Upgrade Program – Phase 3

Status: No activity this month. Engineering staff is coordinating with Water Operations for the design data for the flowmeters required with this phase. These measurements will be supplied to McCrometer in order to obtain a final quote and a single-source contract will be pursued. Contract is expected to be executed in Spring 2023.

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

JPP Excitation System & Control Cabinet Modernization (FY18)

Status: SLDMWA is currently in contract with Reclamation through a Letter of Agreement. Reclamation TSC has provided the 60% Technical Specifications and Drawings, while the Engineer's Estimate will be provided in the 90% package. The 60% package has been reviewed by SLDMWA and Reclamation Design and Construction Branch CGB-250. The 90% package is scheduled for completion in January 2023.

The following activities have been completed to date:

- Surveyed existing equipment and conditions.
- Reviewed the upgrades to the motor protection.
- Reviewed the electrical design, assembly and placement of the Excitation Cabinets.
- Reviewed the design, dimensions and placement of new Power Transformers.
- Reviewed the design, reliability, security, and assembly of the Unit Control Panels.

An alternative location of the Excitation Cabinets that would streamline the new 13.8kV wiring is still under investigation.

JPP Wear Ring Purchase (FY22)

Status: No activity

JPP Unit No. 4 Rewind

Status: The USBR has accepted the performance test data from NEC following the testing that occurred in November 2022. The final payment to NEC for Jones Unit 4 was paid in December 2022.

JPP Unit No. 3 Rewind

Status: Laminations will be shipped to US and arrive in Texas (NEC factory) early January 2023. Unit 3 is on schedule to begin rewind in January of 2023. Authority staff is currently working on the disassembly of the unit.

EXTRAORDINARY O&M & CAPITAL PROJECTS

TSY Switchgear Building UZ11A Repairs (Unplanned Project)

Status: A ground fault incident that damaged the main feeder switchgear and bushing box in switchgear building UZ11A occurred in October 2021. SLDMWA electricians have made partial repairs and investigations have been performed by Reclamation's TSC and Powell (original designer and installer of the switchgear building). Building UZ11A is currently energized via adjacent switchgear building UZ8A (or UZ6A depending on circumstance). The contract for Powell to provide the repairs and replacement was executed April 2022, with installation planned for September 2022, however installation was postponed due to delays in parts. All parts, including the replacement bushing box, CTs, surge arresters, etc. were received in November which completed Phase 1. Phase 2, onsite installation of the parts, is tentatively scheduled to be completed in April 2023, pending approval of outage.

JPP Concrete Slab by Trashrake Dumpster (FY23)

Status: Project is currently in the planning and design phase. A geotechnical investigation was completed by Terracon to characterize the subgrade to ensure an optimum design is pursued. Final Geotech and structural recommendations from Terracon were received recently and reviewed by SLDMWA. Technical Specifications are currently being prepared in order to formally solicit for construction. Construction is tentatively scheduled to occur in Spring 2023.

O'NEILL PUMPING/GENERATING PLANT (OPP)

Main Transformers Rehabilitation/Replacement

Status: A Transformer Condition Assessment was performed by TSC in 2019. The transformers were in such poor condition that it was recommended that the transformers were to be refurbished or replaced. A Value Planning Study was conducted in 2020 and concluded to refurbish/rehabilitate the transformers in short term and plan to replace the transformers in the future. Emergency measures were also performed which included replacing (3) obsolete high voltage bushings (2019) and hot oil reconditioning of the in-service transformers (2020) to ensure transformers remained eligible for rehabilitation. Quarterly oil monitoring continues and the latest test results in August were acceptable. Next oil monitoring will be in late November.

SLDMWA formerly solicited for the rehabilitation of the transformers in March and received one proposal. SLDMWA and Reclamation worked closely to review the initial proposal and obtained Board approval in August to award the contract pending a satisfactorily revised proposal score and successful negotiations with the contractor. Ultimately, the contractor was unable to resolve the issues with the proposal and opted to withdraw their proposal on June 8. After accepting the withdrawal of the proposal, SLDMWA regrouped and evaluated the lessons learned and is now taking a more proactive approach to attract greater contractor interest that should lead to additional proposals. An RFI was publically solicited

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EXTRAORDINARY O&M & CAPITAL PROJECTS

and resulted with 16 vendors expressing interest. The RFP has been revised with a new procurement schedule. The RFP will be issued on January 3, 2023 with proposals due on March 16th. SLDMWA anticipates going to the Board in April to issue the contract. Construction on the Spare Transformer is tentatively scheduled to start late February 2024, and the System Outage at O'Neill PG Plant will still be scheduled in April-May 2024, pending favorable hydraulic conditions.

Arc Flash Hazard Analysis, Facility Rating, & Protective Relays Reviews (Electrical Equipment Periodic Reviews) (FY22)

Status: No activity this month. The Facility Rating Review has been received. The personal protective grounds were upgraded per recommendations from the Facility Rating Review. Staff performed an inspection of the unit busses. The Arc Flash Hazard Analysis final report has been received. The Protective Relays Review is still pending delivery of the final report.

OPP Pump Bowl Modification & Replacement (Design and USBR Approval)

Status: The value planning study was completed and staff is currently regrouping on how best to accomplish tasks identified in the study. Several assessments were recommended to be completed to determine the best way to move forward to achieving a reliable plant. EO&M projects have been reprioritized to prevent reworks and sunk costs and the FY24 proposed projects are focused on ancillary systems that are critical but won't be affected by the assessment results. SLDMWA staff is working with Reclamation to develop an agreement to perform the recommended assessments.

UPS Battery Charging System Replacement (FY22)

Status: Staff is evaluating whether or not to pursue this job separately from the transformer rehabilitation (April/May 2024). Initially it was planned to purchase the equipment 6 months prior to the start of the Main Transformer Rehabilitation project in order to take advantage of the planned outage, however plans may continue for an April 2023 installation.

OPP Station Service Backup Battery System Replacement (FY23)

Status: This project, along with the UPS Battery Charging System Replacement will be done concurrently. It was planned to purchase the equipment 6 months prior to the start of the Main Transformer Rehabilitation project in order to take advantage of the planned outage, however plans may continue for an April 2023 installation.

OPP Accusonic Flowmeter Console Upgrades (FY23)

Status: Consoles have been purchased and received, with 4 of them installed. However staff discovered a faulty communication component on two of the consoles and is working with Accusonics on getting replacements.

EXTRAORDINARY O&M & CAPITAL PROJECTS

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (FY20)

Status: No activity this month.

MULTIPLE FACILITIES

TFO/LBFO/DCI Arc Flash Hazard Analysis (FY22)

Status: The Analysis will be conducted by Reclamation TSC through a LOA. The onsite surveys for TFO, LBFO, and DCI were completed in September 2022. SLDMWA provided additional information to TSC regarding emergency generator and LBFO's station service. The Arc Flash Hazard Analysis Reports are expected to be completed by September 2023.

SCADA System Evaluation (FY23)

Status: Site discovery and documentation of the existing SCADA System is ongoing. The development of controls and SCADA standards is in process. Research is being conducted on how best (with major supply chain issues) to upgrade the system to current standards and then maintain the system with a newly developed 10-year plan. Communication continues to determine if an existing fiber line owned and operated by DWR could be utilized for SLDMWA communication. Staff is evaluating and developing operational technology (OT) cyber security needs and response plan. Work continues to build a controlled area to evaluate and test new hardware and software implementations before going live. Testing on virtual machines for the SCADA environment is underway. Construction of a PLC test rack continued this month, and currently awaiting parts. Developing a software conversion/rewrite plan for the SCADA upgrade. Evaluating current network to develop a remediation plan to meet CISA and federal mandate requirements. Evaluating Firewalls that would best fit our current and future network types.

TFO O&M Compound, Seal Coat Surfacing & Striping (Including USBR Lot) (FY23)

Status: No Activity.



STAFF MEMORANDUM

TO: Board Members and Alternates

FROM: Scott Petersen, Water Policy Director
Cynthia Meyer, Special Programs Manager

DATE: January 12, 2023

RE: Update on Science Program

SUMMARY

The San Luis & Delta-Mendota Water Authority's ("Water Authority") current science commitments for Fiscal Year 23 (March 1, 2022 – February 28, 2023) may be considered in three categories. First, the Water Authority re-budgeted \$282,652 in the current budget to fund five activities and/or studies previously authorized to be funded. Second, the Water Authority began the year with approximately \$2,000 in funds remaining from the State and Federal Contractors Water Agency ("SFCWA") to fund one study initially authorized by SFCWA and transferred to the Water Authority for funding and management, and which has now been completed. Third, the Water Authority has budgeted \$392,500 in the current budget for science studies. More detail regarding the various science commitments is provided below. In total, the Water Authority started the current fiscal year with approximately \$677,152 available to fund science, of which \$284,652 has been obligated.

1. Previous Commitments - \$282,652 in FY 23 Budget

Subject	Description of Work / Objective(s)	FY 23 Budget
Joint Funding of Delta Smelt Structured Decision Making Phase 3	This funding would support management and technical analyses required to conduct Phase 3 for the CSAMP Delta Smelt Structure Decision Making (SDM) project. Technical analyses would include modeling and the application of other analytical tools to evaluate the consequences of proposed management actions for Delta Smelt as well as the evaluation of potential consequences to other resource values including water supply and agriculture. Phase 3 was scheduled to occur from September 2020 to September 2021, but has been delayed.	\$45,400
Joint Funding for CAMT Technical Support	This funding would match State Water Contractor funding obligated for CAMT studies. The Water	\$105,000

	Authority is currently researching two potential uses for this funding – 1. Continuation of Delta Smelt SDM funding for Phase 3, or 2. Execution of a contract for Salmon Structured Decision Making.	
Development of eDNA monitoring tool for detection of Delta Smelt	Goal to develop an accepted eDNA monitoring tool for species detection in tidally mixed aquatic ecosystems in the Delta, and to advance eDNA aquatic monitoring towards a state-of-science that can be applied in the context of scientific, policy, and regulatory decision-making	\$63,000
Delta Smelt Incidental Take Limit Research	Funds support the evaluation of differences in salvage between pre- and post-BiOp conditions and the determination of how much variance in salvage can be explained by each of the predictor variables. Support provided to ICF Jones & Stokes, Inc., through a cost share with SWC.	\$14,252
CAMT Facilitation and Technical Support	Funds support facilitation and assistance with CAMT and CSAMP meetings. Main contracts with Essex Partnership (Bruce DiGennaro) and Hansen Environmental (Chuck Hansen) held by SWC.	\$55,000

2. **SFCWA-Funded Studies Being Managed by the Water Authority - \$0 Remaining**

Subject	Description of Work / Objective(s)	SFCWA Funds Remaining
Measuring Impact of Control of yellow Starthistle in the Northern Sac. Valley and Superior California on Watershed Runoff and Groundwater Levels	Study of the water benefits of yellow Starthistle (YST) control. If there appears to be replicable water supply benefit from YST removal, will prepare plan of recommended YST removal in California that results in increased runoff and/or improved groundwater levels. Study completed in May, 2022.	\$0

3. **New Science - \$392,500 in FY 23 Budget**

Subject	Description of Work / Objective(s)	FY 23 Budget
Science Studies/Efforts		\$392,500
Joint Funding for CAMT Technical Support	This funding would match State Water Contractor funding obligated for CAMT studies. The Water Authority and State Water Contractors are currently jointly researching two potential uses for this funding – 1. Continuation of Delta Smelt SDM funding for Phase 3b, or 2. Execution of a contract for Salmon Structured Decision Making.	\$150,000

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	After deliberation within CAMT/CSAMP, the group has chosen to pursue continued development of the Delta Smelt Structured Decision Making Phase 3b, with the salmon recovery strategy being advanced through in-kind contributions this year.	
CAMT Technical Support	Funds support technical engagement by Hansen Environmental (Chuck Hansen) in CAMT and CSAMP meetings. Contract held by SWC.	\$30,000
Delta Coordination Group Summer Fall Habitat Action Structured Decision Making Facilitation Support	Funds support facilitation and assistance with Delta Coordination Group Structured Decision Making for Delta Coordination Group recommendations to Reclamation and DWR related to Summer Fall Habitat Actions in the Biological Opinions and State Incidental Take Permit. Project jointly funded with State Water Contractors.	\$12,500
SLDMWA Technical, Science and Regulatory Support	<p>Funds will be used for engagement in Science Program, technical or regulatory efforts that arise in FY 2023. Anticipated use includes technical support for the reconsultation on long-term operations of the CVP and SWP, anticipated ESA listing decisions for longfin smelt, yellow-legged frog (and others), and engagement in efforts associated with the Bay-Delta Plan Update.</p> <p>To date, efforts using this funding pool include:</p> <ol style="list-style-type: none"> 1. Technical Review of Knowledge Base Documents for the Reinitiation of Consultation for the Long-Term Operations of the Central Valley Project and State Water Project 	\$200,000

SCIENCE PROGRAM ACTIVITIES:

Staff participates in several science forums including CAMT/CSAMP, Voluntary Agreement Science Committee (VASC), and discussions for the Reinitiation of Consultation on the Long-term operations of the CVP and SWP (ReROC). The CAMT/CSAMP group has been discussing the best approach for a more coordinated monitoring program and integration of the ongoing science projects and initiatives. In turn, the VASC is developing a science plan for scientific studies and monitoring. Both of these groups are contemplating the effectiveness of the various studies and strategy for integrating the results to further our understanding of the environmental challenges. The current efforts for ReROC focus on providing feedback to Reclamation on the development of the proposed action, modeling approaches, and responding to information requests.

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SLDMWA BOARD OF DIRECTORS
as of 1/4/23
(Bold/Italics indicate adjustments)

X11.4.1.

OFFICERS:

Action Required:

Cannon Michael, Chair
William Bourdeau, Vice Chair
Ray Tarka, Treasurer
Federico Barajas, Secretary

DIVISION 1, EXISTING BOARD:

Action Required:

David Weisenberger, Director
Banta-Carbona Irrigation District

James Thoming, Alternate
Banta-Carbona Irrigation District

Bobby Pierce, Director
West Stanislaus Irrigation District

Vince Lucchesi, Alternate
Patterson Irrigation District

Anthea Hansen, Director
Del Puerto Water District

Kyle Perez, Alternate
Del Puerto Water District

Vacant, Director
Byron Bethany Irrigation District/CVPSA

Rick Gilmore, no longer with BBID 1/4/2023

Lea Emmons, Alternate
City of Tracy

DIVISION 2, EXISTING BOARD:

Action Required:

Ross Franson, Director
Westlands Water District

Ross Franson replaced Ryan Ferguson 1/4/2023

Justin Diener, Alternate
Westlands Water District

Justin Diener replaced Ceil Howe 1/4/2023

William Bourdeau, Director
Westlands Water District

Ernie Costamagna, Alternate
Westlands Water District

Ernie Costamagna replaced Stan Nunn 1/4/2023

Beau Correia, Director
Panoche Water District

Ara Azhderian, Alternate
Panoche Water District

William Diedrich, Director
San Luis Water District

Lon Martin, Alternate
San Luis Water District

DIVISION 3, EXISTING BOARD:

Action Required:

Dan McCurdy, Director

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Firebaugh Canal Water District

Chris White, Alternate
Firebaugh Canal Water District

Jarrett Marting, Director
Central California Irrigation District

Jarrett Martin, Alternate
Central California Irrigation District

Cannon Michael, Director
Henry Miller Reclamation District #2131

Randy Houk, Alternate
Columbia Canal Company

Ric Ortega, Director
Grassland Water District

Ellen Wehr, Alternate
Grassland Water District

DIVISION 4, EXISTING BOARD:

Action Required:

John Varela, Director
Valley Water

Aaron Baker, Alternate
Valley Water

Gary Kremen, Director
Valley Water

Richard Santos, Alternate
Valley Water

Jeff Cattaneo, Director
San Benito County Water District

John Tobias, Alternate
San Benito County Water District

Joseph Tonascia, Director
San Benito County Water District

Steve Wittry, Alternate
San Benito County Water District

DIVISION 5, EXISTING BOARD:

Action Required:

Bill Pucheu, Director
Tranquillity Irrigation District

Lance LeVake, Alternate
Pacheco Water District

Vacant, Director
Broadview Water District

Tom Birmingham, retired 12/2022

Jose Gutierrez, Alternate
Broadview Water District

Manny Amorelli, Director
James Irrigation District

Riley Chaney, Alternate
James Irrigation District