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Jason R. Phillips  
Chief Executive Officer

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Lindsay, CA 93247  
(559) 562-6305

friantwater.org

February 1, 2023

San Luis & Delta-Mendota Water Authority  
Attn: Federico Barajas, Executive Director  
842 6th Street  
Los Banos, CA 93635

*Sent via email*

**RE: NOTICE TO COMMENCE NEGOTIATIONS TO MODIFY THE FWA/SLDMWA  
MEMORANDUM OF UNDERSTANDING**

Dear Federico:

Pursuant to Article VII of the First Amended and Restated Memorandum of Understanding (MOU) between Friant Water Authority (FWA) and San Luis & Delta-Mendota Water Authority (SLDMWA), please accept this letter as notification of FWA's desire to promptly commence negotiations regarding modifications to the MOU.

Negotiations to amend the MOU are necessary because FWA has determined that some of the fundamental assumptions of the parties described in Section VII.A of the MOU have materially changed. A brief summary of some of the changes that result in the need for the modification of the MOU follows.

- Changes in water supply and operations have occurred in recent years that fundamentally alter the assumptions that FWA and the Friant Division Contractors relied upon when the MOU was originally negotiated in the late 1990s. Prior to 2014, Reclamation had operated the Central Valley Project (CVP) for over 70 years in a manner that did not require a single non-flood control related release of San Joaquin River water behind Friant Dam for delivery to the Settlement Contractors. However, in five of the past eight years, Reclamation has been unable to fully meet the Exchange Contract from the Sacramento River and Delta through the Delta-Mendota Canal and has responded with releases from Millerton Lake - a scenario not envisioned by the MOU.
- Up until 2016, average annual expenditures for SLDMWA's reserve cost pool -- which is used to allocate expenditures for major non-routine maintenance improvements, equipment and vehicle purchases, and emergency reserves -- were approximately \$1.2 million annually. From 2016 through 2022, the average annual reserve pool increased to over \$5 million annually, a five-fold increase in annual costs. More critically, SLDMWA is pursuing significant extraordinary maintenance/capital improvement projects such as the Delta-Mendota Canal Subsidence Correction Project (with estimated costs of approximately \$830 million, not including debt service costs), a significant project clearly not contemplated in the MOU.

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- There have been additional instances in recent years where the existing MOU terms have been wholly inadequate to ensure appropriate engagement with FWA and participation in the decision-making process regarding extraordinary maintenance/capital improvement projects undertaken by SLDMWA. For example, when FWA proposed to provide advance funding for FWA's share of the cost for Units 1 and 4 of the Jones Pumping Plant Rewind Project in 2020 in order to avoid the additional debt service costs, SLDMWA still required FWA to pay an *additional* \$100,000 to recover "what would have been its [FWA] share of the actual cost of the bond issuance." With respect to the San Luis Transmission Project (estimated cost, with debt service, of \$865 million), FWA raised questions and concerns regarding the proposed project, including the proposed cost/benefit analysis and proposed cost allocation. Initially, FWA raised these questions and concerns through the Finance and Administration Committee (FAC) and through staff-to-staff meetings, however, it took FWA raising these concerns *as a member of the public* to get SLDMWA to fully engage with FWA on our issues.

In sum, the MOU provisions, as currently structured, are simply insufficient to ensure the appropriate level of engagement with FWA or equitable cost allocation procedures for the large, extraordinary maintenance/capital improvement projects that SLDMWA (like FWA) is facing in the future.

Per Article VII.B of the MOU, FWA requests that renegotiations begin timely, with the goal for the first meeting to be scheduled no later than 30 days from the date of this letter. Furthermore, given the Bureau of Reclamation's overall interest in ensuring equitable cost allocation, effective processes between FWA and SLDMWA as Operating Non-Federal Entities of the respective Federal Facilities, and the implementation of critical projects, FWA is requesting that Reclamation officials participate in these negotiation sessions.

I will be in touch soon to confirm available dates and a location for the initial meeting.

Regards,



Jason Phillips  
Chief Executive Officer

cc:

Cannon Michael, Chair, SLDMWA  
Pablo R. Arroyave, Chief Operating Officer, SLDMWA  
Rebecca R. Akroyd, General Counsel, SLDMWA  
Anthea Hansen, Director, SLDMWA  
William Bourdeau, Vice Chair, SLDMWA  
Ernest A. Conant, Regional Director, Bureau of Reclamation

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SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD OF  
DIRECTORS REGULAR MEETING  
MINUTES FOR JANUARY 12, 2023

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  
Bobby Pierce, Director  
Anthea Hansen, Director  
Lea Emmons, Alternate

**Division 2**

Ross Franson, Director  
William Bourdeau, Director  
Ara Azhderian, Alternate for Beau Correia  
Bill Diedrich, Director (via ZOOM)

**Division 3**

Chris White, Alternate for Dan McCurdy  
Jarrett Martin, Director (arrived during item 8)  
Cannon Michael, Director  
Ric Ortega, Director

**Division 4**

John Varela, Director - Aaron Baker, Alternate  
Richard Santos, Alternate  
Jeff Cattaneo, Director  
Joe Tonascia, Director - Steve Wittry, Alternate

**Division 5**

Jose Gutierrez, Alternate (via ZOOM)  
Manny Amorelli, Director

**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  
Darlene Neves, Supervisor of Operational Accounting (via ZOOM)  
Bob Martin, Facilities O&M Director (via ZOOM)  
Jaime McNeil, Engineering Manager (via ZOOM)  
Cindy Meyer, Special Programs Manager (via ZOOM)  
Laures Stiles, HR Director  
Cheri Worthy, Executive Secretary (via ZOOM)

Dan Nunes, SCADA Engineer

Others in Attendance

Mike Wade, Farm Water Coalition  
Tom Boardman, Westlands Water District (via ZOOM)  
Dana Jacobson, Valley Water  
Justin Diener, Westlands Water District (via ZOOM)  
Vince Gin, Valley Water  
Ed Pattison, Byron Bethany Irrigation District  
Chase Hurley, Pacheco Water District  
Sarah Woolf, Water Wise  
Mitch Partovi, Water Agency  
Joyce Machado, San Benito County Water District (via ZOOM)  
Dennis Cardoza, Foley & Lardner, LLP (via ZOOM)  
Bill Ball, Foley, Foley & Lardner, LLP (via ZOOM)  
Kristin Olsen, Calstrat (via ZOOM)  
Nick Gomes, Office of Congressman John Duarte

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 reports.

CONSENT ITEMS

4. Agenda Items 4-6: Board to Consider: a) December 8, 2022 Meeting Minutes, and December 14, 2022 Workshop Minutes, c) Acceptance of the Financial & Expenditures Reports, e) Staff Reports.

On a motion of Director John Varela, seconded by Director William Bourdeau, the Board accepted the December 8, 2022 Meeting Minutes, December 14, 2022 Workshop Minutes, Financial Expenditures Reports, and Staff Reports. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Emmons, Franson, Bourdeau, Azhderian, Diedrich, White, Michael, Ortega, Varela, Santos, Cattaneo, Tonascia, Gutierrez, Amorelli
NAYS:	None
ABSTENTIONS:	None

## ACTION ITEMS

## 5. Agenda Item 7: Board of Directors to Consider Approval of Executive Compensation for Various Positions.

Executive Director Federico Barajas reviewed the table included in the packet, and also presented it on the screen. Chair Cannon Michael orally reported on salaries, total benefit packages, and the Consumer Price Index (CPI) increase. After a brief discussion, Michael reported that at the Budget Workshop there was direction given to review the Authority's salary policy.

On a motion of Director John Varela, seconded by Alternate Richard Santos, the Board approved Executive Compensation for Various Positions. The vote on the motion was as follows:

AYES: Weisenberger, Pierce, Hansen, Emmons, Franson, Bourdeau, Azhderian, Diedrich, White, Jarrett Martin, Michael, Ortega, Varela, Santos, Cattaneo, Tonascia, Gutierrez, Amorelli

NAYS: None

ABSTENTIONS: None

## 6. Agenda Item 8: Board of Directors to Consider Finance &amp; Administration Committee Recommendation Regarding Fiscal Year 2024 OM&amp;R Budget, Water Resources Committee Recommendation Regarding Fiscal Year 2024 Activity Budget, and Resolution Adopting the Complete Fiscal Year 2024 Budget.

Executive Director Federico Barajas reviewed the documents included in the packet. Chief Operating Office Pablo Arroyave provide a brief overview of the Fiscal Year 2024 OM&R Budget highlighting several changes that have been made. Arroyave noted the removal of a water truck purchase, and a change to the salary placeholder to 8.4% from 8.7%. Arroyave reported that staff is not recommending any new positions in Fiscal Year 2024.

Operations & Maintenance Technical Committee (OMTC) Chair Chris White reported that the OMTC recommended the OM&R Budget for approval. Finance & Administration Committee Chair (FAC) Anthea Hansen reported that the FAC recommended Budget for approval.

Executive Director Federico Barajas reviewed the Fiscal Year 2024 Activity Budget material included in the packet, which included some refinements since the last meeting. Barajas provided an overview of the changes and reported that Water Resources Committee recommended Activity Budget for approval.

Several Board members complimented staff on all of their hard work.

On a motion of Alternate Richard Santos, seconded by Director John Varela, the Board adopted Fiscal Year 2024 OM&R Budget, Fiscal Year 2024 Activity Budget, and the Resolution Adopting the Complete Fiscal Year 2024 Budget.

The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Emmons, Franson, Bourdeau, Azhderian, Diedrich, White, Jarrett Martin, Michael, Ortega, Varela, Santos, Cattaneo, Tonascia, Gutierrez, Amorelli
NAYS:	None
ABSTENTIONS:	None

## REPORT ITEMS

### 7. Agenda Item 9: Report on State and Federal Affairs.

Water Policy Director Scott Petersen reported that Governor Newsom is reviving talks to pass a general obligation bond to fund climate, wildfire and water projects as California faces a revenue shortfall. Petersen reported that the governor floated the idea on the same day he proposed an 11 percent cut in his \$54 billion five-year climate funding plan as part of broader reductions to statewide spending. Petersen reported that the governor said in a Tuesday budget briefing that a resource bond was one way to limit stress caused by reductions in multiyear spending. Petersen reported that the governor's latest budget proposal underscores the boom-and-bust cycle behind California's spending on the environment. Petersen reported that voters have approved resource bonds before including a \$7.5 billion bond in 2014. Petersen reported that the U.S. Environmental Protection Agency estimates the cost of California's water infrastructure needs at \$51 billion. Petersen reported that Newsom last pushed for a \$4.75 billion "climate resilience bond" in 2020, most of which would address immediate risks of floods, fires and drought. Petersen reported that the Senate and Assembly also considered a bond that same year. Petersen reported that an economic slowdown and later, an abundance of general funds pushed the idea to the back burner.

Petersen reported that the State Water Resources Control Board released its Racial Equity Action Plan last month.

Petersen reported that the Systemwide Action Team and other workgroups continue to meet to advance the Voluntary Agreement (VA) program. Petersen reported that recent developments include the release of a revised Scientific Basis Report for the VAs. Petersen reported that staff will be coordinating with member agencies and reviewing the document for consistency with the VA framework. Petersen reported that there will be a public workshop on January 19 via Zoom and the deadline for public comment is February 8.

Petersen reported that the California Water Commission will hold its first monthly meeting of 2023 on Wednesday, January 18 in Sacramento.

Petersen reported that the State Legislature reconvened on January 4 to discuss a host of issues, including Governor Newsom's proposal to levy a penalty on the oil industry.

Kristin Olsen provided additional information on state affairs.

Petersen reported that 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 Justice40 aims to ensure overburdened and underserved areas reap at least 40 percent of the benefits of federal infrastructure investments, including remediation and reduction of legacy pollution, the development of drinking water and wastewater infrastructure, and resources to fund clean energy and climate change strategies.

Petersen reported that on Thursday, 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 the Authority joined 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 the U.S. Army Corps of Engineers (USACE) issued a Draft Environmental Impact Statement (EIS) for the Delta Conveyance Project on December 16, 2022 for public review.

Dennis Cardoza provided additional information on federal affairs.

8. **Agenda Item 10: Executive Director's Report.**

- a. **Water Rights Application-** Executive Director Federico Barajas introduced Central California Irrigation District's General Manager Jarrett Martin, who along with Anthea Hansen, provided an update regarding Water Rights Application for the Orestimba Creek Recharge Project.
- b. **Yuba Water Agency (YWA)** – Executive Director Federico Barajas reported that YWA is in the process of releasing the NOP on the Yuba Accord.

9. **Agenda Item 11: Chief Operating Officer's Report**

- a. **BIL Infrastructure Funding Applications** – Chief Operating Officer Pablo Arroyave reported that today is the deadline to upload all applications. Arroyave reported that as of yesterday, there were 46 applications Reclamation-wide.
- b. **Water Operations and Forecasts Report** – Chief Operating Officer Pablo Arroyave reported that real-time operations information will be added to the end of Tom Boardman's Water Operations and Forecasts report.

10. **Agenda Item 12: Update on Water Operations and Forecasts**

Westlands Water District's Tom Boardman reported on current Shasta storage conditions

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including a brief review of reservoir inflow rates, projected refill estimates, and the chances for having a Shasta critical year. Folsom storage was also reported along with the status of snowpack in the watershed.

Delta conditions were discussed including current export pumping rates. Boardman explained how high San Joaquin flows into the Delta were helping to reduce the amount of otherwise export reductions due to the triggering of a 2019 BiOp action.

Current and near-term San Luis storage were reported followed by refill projections under dry and median conditions.

Boardman concluded his report with a brief explanation of the factors that would affect the possible Ag allocation.

Chief Operating Office Pablo Arroyave reported that Jones Pumping Plant was supposed go to five units at 8:00 a.m., but was delayed. Arroyave reported that the Intertie and O'Neill Pumping Plant are at maximum pumping. Arroyave reported that flows have ceased at the Solado Creek Levee breach.

**II. Agenda Item 13: Committee Reports.**

Board Chair Cannon Michael highlighted the new Water Resources Committee Chair William Bourdeau and the new Finance & Administration Committee Chair Anthea Hansen.

- a. **Water Resources Committee** – Chair William Bourdeau reported that the committee met and addressed agenda items.
- b. **Finance & Administration Committee** – Chair Anthea Hansen reported that the committee met and addressed agenda items.
- c. **O&M Committee** – No report.

**12. Agenda Item 14: 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 an update on their work with the Water Blueprint for the San Joaquin Valley. Wade reported that he will be speaking at the Water Users Conference at the end of January.
- d. **Association of California Water Agencies** - Director John Varela reported on the upcoming roundtables. Director William Bourdeau reported that the Ag Committee is looking for presenters for upcoming meetings.
- e. **Water Blueprint for the San Joaquin Valley** - Water Policy Director Scott Petersen reported that the Water Blueprint will meet January 18.
- f. **SJV CAP** - Water Policy Director Scott Petersen reported that 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 met this week to begin discussions focused on Phase 2 and the governance structure.

- g. CVPWA – Director Anthea Hansen reported that the Finance Committee will meet next Friday.

13. Agenda Item 15: Board Member Reports.

- Ara Azhderian thanked Director Jeff Cattaneo for his years of dedicated service.
- Chair Cannon Michael recognized Alternate Director Richard Santos, and Director Joe Tonascia for their 10 or more years of service.
- Director William Bourdeau reported that he will be attending the Water Users Conference at the end of the month.
- Director Jarrett Martin thanked Authority staff for coordination regarding flooding, and others also thanked staff.
- Director Anthea Hansen provided additional information on the Orestimba Creek Recharge Project.
- Director John Varela reported on storm damage in Valley Water serviced area.

14. Agenda Items 16-17: Closed Session Report.

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 11:08 a.m. Upon return to open session at approximately 11:18 a.m., Chair Cannon Michael stated that no reportable actions were taken.

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

No report.

16. Agenda Item 19: Adjournment.

The meeting was adjourned at approximately 11:19 a.m.

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February 09, 2023

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for January 2023

### **Operations Department**

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 2-5 units for the month of January. The average rate of pumping for the JPP during the month was 3,790 cfs.

Total pumping at the JPP for the month of January was 233,060 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 0 acre-feet, and pumped 212,536 acre-feet during the month of January. 24,352 acre-feet was pumped at the Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) and 0 acre-feet was reversed from the California Aqueduct to the DMC for the month of January.

The Federal share in the San Luis Reservoir at the end of January was 496,809 acre-feet as compared to 102,386 acre-feet for end of January 2022.

During the month of January, releases from Friant Dam ranged from 543 to 6,610 cfs with 61,212 acre-feet entering the Mendota Pool. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 3,907 acre-feet for January.

Canal Operations staff performed open channel and closed-pipe flow measurements, routine patrols, wasteway inspections, bi-weekly meter readings, water samples, well soundings, and routine meter maintenance during the month of January. Several members of the Canal Operations Department also attended the Water Measurement Workshop at the Irrigation Training & Research Center located at Cal-Poly in Sal Luis Obispo.

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-23-DMC-01 Divers Inspection MP 88.61 pipeline crossing
- C-23-JP-02 Divers Inspection MP 41.53 Right
- C-23-JP-03 JPP Unit 1 Pump Bearing Inspection
- C-23-DCI-04 DCI Unit 3 Inspect and test PF capacitors
- C-23-DCI-05 DCI Unit 4 Inspect and test PF capacitors

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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 sewer system controls
- JPP Unit 1 lube oil pump
- JPP sewer system controller repair
- TAO lighting system exit signs
- TFO UPS battery PM
- TFO station service battery PM
- TFO SLDMWA entry gate repairs
- DMC Subsidence Project utility locating
- DMC Check 1 communication and motor PM
- DMC Check 7 gate motor investigation and repair
- DMC Check 8 gate three investigation and repair
- DMC Check 1-12 UPS battery system PM's and repairs
- DCI Unit 3 & 4 assistance
- LBAO PM's
- LBFO PM's
- DMC Newman Wasteway PM
- DMC Westley Wasteway PM
- Check 7 gate power cable removal, repair, and reinstall
- Check 21 upstream elevation mounting bracket fabrication and installation
- Check 21 level adjustments and SCADA graphics on OPP-1 PC
- OPP Unit 6 flowmeter readout troubleshoot and repair
- OPP Unit 1 distributor oil leak shaft repair and reassembly
- OPP Plant PM's
- OPP Avaya phone system reprogramming and organization
- OPP siphon breaker fresh air fan rehabilitation and new motor installation
- OPP lighting upgrades
- LBAO HVAC repairs
- LBAO alarm system troubleshooting
- Installed new motor operated valve on the East Volta Well flush water system

### **Mechanical Staff:**

- JPP trash rack cleaning
- JPP trash rake festoon cable trolley wheel repairs
- JPP sewer pump #1 repair
- JPP Kinney strainer Rehab
- JPP Unit 1 wheel pit flood repairs
- JPP Unit 1 pump bearing disassembly, repair, and assembly
- JPP Unit 3 Rewind support work for NEC
- JPP Unit 3 Rewind
- JPP butterfly valve oil pump PM's
- JPP routine sandblasting and painting
- JPP plant checks and PM's
- JPP wheel pit pump PM's
- Water treatment plant plumbing repairs

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- Water treatment plant float switch repair
- TFO center tube access pump replacement
- JPP unit oil samples
- Carwash PM
- Airwash PM
- Sand filter PM's
- Crane and hoists PM's
- Routine sandblast/painting
- JPP trash rake rehabilitation
- OPP Plant PM's
- OPP domestic water inlet screen pulled, inspected and cleaned
- OPP Plant checks and back wash filters
- OPP unit distributor oil leak shaft repair and reassembly
- OPP Unit 1 actuator rod rehabilitation
- OPP spare actuator rod rehabilitation
- Check 7 gates 1 & 2 motor alignment
- Check 8 gate 3 motor alignment
- OPP trash rack cleaning
- OPP shop cleanup
- OPP lakeside trash rack cleaning

#### **USBR Support Services**

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

- TFCF trash rake support

#### **Civil Maintenance Department**

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

- Mowing of DMC right-of-way
- LBFO building PM's
- Hauled concrete blocks and rock to the bridge at MP 41.49 to protect the damaged liner sections
- Cleaned JPP trash racks (12-hour shifts)
- Storm patrol along the DMC
- Inspect drain inlets, over chutes 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, guard rails and gates
- Repaired the failed levee section at Salado Creek
- Repaired farm bridges at MP 34.89 and 35.39
- New employee Class A driver training
- Assisted with louver cleaning at TFCF
- San Luis Drain sign repairs and replacement
- Started repairs to the flood damaged bridge and canal liner at MP 41.49
- Removed painted graffiti along the DMC
- DMC pot hole and road repair
- Fabricated steel plates for the dive team to be installed at MP 88.61 and 89.93
- DMC erosion inspection and repair
- Cleaned drain inlets along the DMC

- TFO yard maintenance
- LBFO yard maintenance
- Provide support to OPP (boom truck and trash racks)

### **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 installation engineering support
- DCI U3 & U4 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 improvement
- TFO & JPP electrical PM program
- Ongoing support for Salado Creek levee and 41.49 farm bridge repairs

### **2022 DMC Pumpback Project**

- Final report completed including summary of activities, and plan set
- Final invoicing completed

### **Land Management Activity Summary**

The Engineering staff issued four (4) access permits this month:

- Access permit P2302036 was issued to Byron-Bethany Irrigation District authorizing them to install a temporary turnout near Milepost 13.68-R on the Delta-Mendota Canal right-of-way.
- Access permit P2302038 was issued to Byron-Bethany Irrigation District authorizing them to repair/replace the existing pipeline crossing attached to the farm bridge located at Milepost 15.11 on the Delta-Mendota Canal right-of-way.
- Access permit P2302040 was issued to Pacific Gas & Electric authorizing them to access their overhead 230kV electrical power lines for maintenance near Milepost 68.03-R on the Delta-Mendota Canal right-of-way.
- Access permit P2302041 was issued to Forensic Analytical Consulting Services to access the bridge crossing a Milepost 9.29 (International Parkway) in order to conduct pre-bridge construction survey.

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 Project
- I-205 Bridge Replacement Project
- PG&E pipeline replacement at MP 92.73
- Koster Road Bridge guardrail extension with San Joaquin County
- City of Tracy Schulte Warehouse Annex
- Black Gulch Creek license renewal
- Lammers Road Bridge Replacement Project

## **Safety Department**

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support for the crews.
- Assisted Yorke Engineer with a tour of Tracy Facilities to revise Spill Prevention, Control and Countermeasures Plan due from an Alameda County Hazardous Materials inspection.
- Sent out Weekly Safety Tailgate Topics :
  - 1-1-2023 Top Ten OSHA Violations
  - 1-2-2023 Emergency Evacuation Procedures
  - 1-3-2023 Job Hazard Analysis
  - 1-4-2023 SPCC Plan
  - 1-5-2023 IPP/Code of Safe Work Practices
- Provided Risk of Sitting Too Much Safety Message for January 2023 Water Authority Newsletter
- Provide rescue standby refresher training at OPP
- Conducted new hire safety orientation and FHECP Training for Garrett Guilford, Hydro Tech II and Michael Favalora, Senior Mechanical Engineer

## **Procurement and Work & Asset Management Department**

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

- Continuous staff training and support for newer employees
- WAM manager completed mandatory sexual harassment training
- Staff worked with maintenance to get additional warehouse roof leaks repaired
- Completed Procurement Activity Report
- Resolved various invoice issues and disputes
- Contracts/PO Agreements/LOA's Status Update:
  - F22-OPP-059 - OPP Main Transformer Rehabilitation – Site walk completed on 1/31
  - F22-JPP-071- UZ11A Switchgear Bushing Box Replacement Materials – All materials have been received and waiting to be scheduled
  - F23-TFO-013, Landscape Maintenance – RFQ Released, quotes due 2/7
  - Issued PO4962 for DMC levee repair soil compaction testing- \$3,097
  - Issued PO4923 for the purchase of three 2023 Toyota trucks, CMAS contract
  - F23-TFF-017- Tension Arm Repairs, Contract prepared, Bureau requirements added, contract ready for execution
  - F23-ALL-016 NetSuite Support Services contract executed 1/13/23, FMT Consultants

## **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
- Bi-weekly Shepherd meetings

### **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 hardware order placed
- 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
- FirstNet deploying iPhones and iPad SIMS
- MDM IBM (MAAS360) monitoring
- Reviewed InfraGard dispatches – FBI Cyber Security group
  - FBI InfraGard site hacked and data stolen
- Cyber Security training and webinars
- WAM servers, prepping for redeployment
- Troubleshoot ongoing Email autodiscover issues after WEB Site move
- Completed Darktrace evaluation for Cyber Security Monitoring
- Support of Water Operations iPads and new app deployments via MDM
- File sharing/collaboration software solutions
- Working with Brandon Souza RE: 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/replacement received
- Installed/tested camera for Brown Act requirements in Board Room
- Research of gate control and request quote from vendor
- Prepare PO's for FY24 budget year

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## 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 Engineer, Tracy (continued recruitment)
- Closed Recruitments:
  - Heavy Equipment Operator (skills testing scheduled - TBD)
  - Control Operator, Tracy (selection TBD)
- Candidates Selected:
  - Senior Mechanical (Plant) Engineer
  - Control Operator, Tracy
- Background checks for PIV cards (continuing)
- New Hire Orientations

### Training:

- Remain up to date with COVID-19 compliance
- 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 – submitting data to Biddle for AA reporting

### 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: PG&E has completed the relocation of the 6-inch gas transmission line that crosses under the MP 92.73 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 mid-July 2023. Progress this month consisted of addressing comments and finalizing the next round of project reports. The EA/IS has gone through the numerous internal reviews and is anticipated to be released for public review February 10<sup>th</sup>. The 2<sup>nd</sup> Administration Draft of the Feasibility Study will be released for internal review in the coming weeks.

SLDMWA executed a Contract Amendment and Notice to Proceed on 12/22/2023 to complete the final Geotechnical Phases 2 & 3 Exploration. Preliminary clearances were performed and explorations have commenced. As of this report Terracon has completed 48% of CPT's and 7% of drill holes.

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). The project has encountered significant delays due to supply chain and relay setting issues. The contractor is scheduled to remobilize early February for final commissioning. Field work is expected to take 3 days.

#### **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.

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## **EXTRAORDINARY O&M & CAPITAL PROJECTS**

### **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 February 2023. Once received, SLDMWA staff will begin putting together the solicitation package.

#### **JPP Wear Ring Purchase (FY22)**

Status: No activity

#### **JPP Unit No. 3 Rewind**

Status: Jones Unit 3 rewind is underway. The rotor has been removed and placed in the JPP Machine Shop awaiting NEC to remove the rotor poles for shipment to Texas for refurbishment. The as-found laser measurements of the stator and rotor have been completed. The existing stator coils and lamination pieces have been removed. The finger press plates and key bars have been removed and sent to Texas for refurbishment. The stator frame has been moved to best fit center in preparation for the boring of the stator frame which is scheduled to occur the first week of February.

#### **TSY Switchgear Building UZ11A Repairs (Unplanned Project)**

Status: A ground fault incident occurred in October 2021 that damaged the main feeder switchgear and bushing box in switchgear building UZ11A. Partial repairs were made, and the building is currently energized via adjacent switchgear building UZ8A (or UZ6A depending on circumstance). A two-phase contract was issued to Powell, the original designer and installer of the switchgear building, to supply repair materials (Phase 1), and perform the onsite repair work (Phase 2). Phase 1 supply contract has been completed, which included supplying the replacement bushing box, CTs, surge arresters, etc. Phase 2, onsite installation of the parts, was originally scheduled to occur October 2022 but was delayed when repair materials in Phase 1 were not ready. Phase 2 is now tentatively scheduled to be completed in August 2023, pending approval of outage. Outages of Units 2 and 6 will be required during Phase 2 work, so the work has been scheduled to occur after the completion of the Unit 3 rewind to ensure there are four available units.

#### **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.

## **EXTRAORDINARY O&M & CAPITAL PROJECTS**

### **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 2022, and only received one proposal that was not of sufficient quality to award a contract from. After issuing a Request for Interest to acquire more contractor interest, a formal RFP was issued on January 3, 2023. A mandatory pre-proposal conference was held on January 31, 2023 with eight (8) contractors in attendance (Note: Two contractors attended the conference during the first solicitation). Proposals are due on March 16<sup>th</sup> and 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. Reclamation Sacramento and TSC staff recently met to divide up the assignments related to the assessments, and are putting together a Project Management Plan that the agreement will be based upon.

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## **EXTRAORDINARY O&M & CAPITAL PROJECTS**

### **OPP UPS Battery Charging System Replacement (FY22)**

Status: Staff is planning on issuing a contract to supply and install the batteries, with the site work occurring during the planned outage for the OPP Main Transformer Rehab. The contract will be issued 6-8 months prior to the planned outage.

### **OPP Station Service Backup Battery System Replacement (FY23)**

Status: This project will be done concurrently with the UPS Battery Charging System Replacement. Staff is planning on issuing a contract to supply and install the batteries, with the site work occurring during the planned outage for the OPP Main Transformer Rehab. The contract will be issued 6-8 months prior to the planned outage.

### **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.

## **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: No activity this month. The Analysis was 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 and best practices 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. Staff is waiting for parts to conduct concept for checks controls remediation plan. Communication continues to determine if an existing fiber line owned and operated by DWR could be utilized for SLDMWA communication. Staff is working with vendors 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

**EXTRAORDINARY O&M & CAPITAL PROJECTS**

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: February 9, 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"> <li>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</li> </ol>	\$200,000

**SCIENCE PROGRAM ACTIVITIES:**

Staff participates in several science forums and coordination activities. The highlights include:

**Voluntary Agreements (VA):**

- Science Committee is developing the Science Plan. Staff is participating in the bi-weekly meetings and sub groups to assist with the drafting. Currently, the group is focusing on the metrics to determine success and hypotheses. The three topic areas include the tributary Chinook spawning and rearing habitat, floodplain habitat, and tidal wetlands restoration. The draft plan is anticipated by April 2023.
- State Water Board Scientific Basis Report was released in January. The report analyzes the VA actions in comparison to the unimpaired flow criteria. Staff is preparing a comment letter to submit by February 8, 2023.

Delta Coordination Group (DCG):

- Staff participated in the DCG meetings and provided comments on the Draft 2022 Delta Smelt Summer-Fall Habitat Seasonal Report in January.

CAMT/CSAMP:

- 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. 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. In addition, CAMT is developing a matrix of potential projects to best address the data needs and gaps to support the needed analyses and evaluations.

Reinitiation of Consultation on the Long-term operations of the CVP and SWP (ReROC):

- The Bureau of Reclamation (BOR) is working on the final alternatives to be evaluated in the ReROC environmental impact statement (EIS) and Biological Assessment. BOR is planning an independent peer review prior to submitting the Biological Assessment to the USFWS and NMFS for development of Biological Opinions. Staff will continue to track the development and provide assistance as needed.



**SLDMWA BOARD OF DIRECTORS**  
**as of 1/26/23**  
*(Bold/Italics indicate adjustments)*

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**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 Martin, 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

Richard Santos, Director  
Valley Water

Richard Santos filled vacant position 1/26/2023

Jim Beall, Alternate  
Valley Water

Jim Beall replaced Richard Santos 1/26/2023

Steve Wittry, Director  
San Benito County Water District

Steve Wittry replaced Jeff Cattaneo 1/25/2023

Doug Williams, Alternate  
San Benito County Water District

Doug Williams replaced John Tobias 1/25/2023

Joseph Tonascia, Director  
San Benito County Water District

Joyce Machado, Alternate  
San Benito County Water District

Joyce Machado replaced Steve Wittry 1/25/2023

**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

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