

X 11.

SLDMWA BOARD OF DIRECTORS
as of 10/31/22
(Bold/Italics indicate adjustments)

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

Rick Gilmore, Director
Byron Bethany Irrigation District/CVPSA

Lea Emmons, Alternate
City of Tracy

DIVISION 2, EXISTING BOARD:

Action Required:

Ryan Ferguson, Director
Westlands Water District

Ceil W. Howe, Alternate
Westlands Water District

William Bourdeau, Director
Westlands Water District

Stan Nunn, Alternate
Westlands Water District

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

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

Chris White replaced Jeff Bryant 10/31/2022

Jarrett Martin replaced Chris White 10/31/2022

Eric Fontana replaced Jarrett Martin 10/31/2022

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

Tom Birmingham, Director
Broadview Water District

Jose Gutierrez, Alternate
Broadview Water District

Manny Amorelli, Director
James Irrigation District

Riley Chaney, Alternate
James Irrigation District

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XIII.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD OF DIRECTORS REGULAR MEETING MINUTES FOR OCTOBER 6, 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
- Bobby Pierce, Director
- Anthea Hansen, Director

Division 2

- Ryan Ferguson, Director
- William Bourdeau, Director
- Beau Correia, Director

Division 3

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

Division 4

- Jeff Cattaneo, Director
- Steve Wittry, Director

Division 5

- Bill Pucheu, Director
- Tom Birmingham, Director (left during Item 10)
- Manny Amorelli, Director

Authority Representatives Present

- Federico Barajas, Executive Director
- Pablo Arroyave, Chief Operating Officer
- Rebecca Akroyd, General Counsel
- Scott Petersen, Water Policy Director
- Ray Tarka, Director of Finance
- Bob Martin, Facilities O&M Director
- Stewart Davis, IT Officer

Others in Attendance

- Frances Mizuno, Mizuno Consulting
- Mike Wade, Farm Water Coalition (ZOOM)
- Tom Boardman, Westlands Water District (ZOOM)
- Dana Jacobson, Valley Water
- Joyce Machado, San Benito County Water District
- Don Wright, WaterWrights (ZOOM)

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Dennis Cardoza, Foley & Lardner, LLP (ZOOM)
 Bill Ball, Foley & Lardner (ZOOM)
 Kristin Olsen, Calstrat (ZOOM)
 Ellen Wehr, Grasslands Water District (ZOOM)
 Gary Kremen, Valley Water (ZOOM)
 Vince Lucchesi, Patterson Irrigation District (ZOOM)

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 5-6: Board to Consider: a) Acceptance of the Financial & Expenditures Reports, b) Staff Reports.**

On a motion of Director Bill Pucheu, seconded by Director Tom Birmingham, the Board accepted the Financial Expenditures Reports, and Staff Reports. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Ferguson, Bourdeau, Correia, Diedrich, Jarrett Martin, Michael, Ortega, Cattaneo, Wittry, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

5. **Agenda Item 4: Board of Directors to Consider Approval of the September 15, 2022 Meeting Minutes.**

Director Tom Birmingham requested an edit to the Directors and Alternate Directors in Attendance list, which stated that Director Tom Birmingham left during item 14d. Birmingham confirmed that he left during item 13.

On a motion of Director Tom Birmingham, seconded by Director Ryan Ferguson, the Board accepted the September 15, 2021 meeting minutes with suggested change. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Ferguson, Bourdeau, Correia, Diedrich, Jarrett Martin, Michael, Ortega, Cattaneo, Wittry, Pucheu, Birmingham,
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	Amorelli
NAYS:	None
ABSTENTIONS:	None

ACTION ITEMS

6. Agenda Item 7: Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Reallocation of FY 2023 OM&R Budget Funds, Associated Payment to Fieldman, Rolapp & Associates, Inc.

Chief Operating Officer Pablo Arroyave reviewed the memo included in the packet. Arroyave reported that this item was discussed in detail during the Finance & Administration Committee (FAC) meeting, and the FAC recommended the Board of Directors approve payment to Fieldman, Rolapp & Associates (FRA). Arroyave reported that between August 2021 and August 2022, FRA incurred estimated costs of \$190,000 performing San Luis Transmission Project (SLTP)-related tasks for the Authority. Arroyave reported that because it is customary within the municipal advisor industry for work to be conducted on a contingent basis with fees payable from bond proceeds, and there was an informal understanding with FRA regarding contingency, Authority staff and FRA staff have discussed payment of \$95,000, an amount less than the full cost of services. Arroyave reported that staff is recommending use of the \$70,000 budgeted in the FY23 OM&R budget for outside consultant services and \$25,000 that was budgeted for SLTP legal costs to compensate FRA for their SLTP efforts.

After discussion, Director Tom Birmingham made a motion, seconded by Director William Bourdeau, the Board approved the reallocation of FY 2023 OM&R Budget Funds, associated payment to Fieldman, Rolapp & Associates, Inc. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Ferguson, Bourdeau, Correia, Diedrich, Jarrett Martin, Michael, Ortega, Cattaneo, Wittry, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

REPORT ITEMS

7. Agenda Item 8: Discussion Regarding FY 2023 Bipartisan Infrastructure Law Aging Infrastructure Application for CVP Transferred and Reserved Works.

Chief Operating Officer Pablo Arroyave reported that the application period has begun and staff is looking for additional feedback on projects to be submitted with the application. Arroyave presented a PowerPoint presentation, which highlighted the Bipartisan Infrastructure Law, the application process, additional funding details, and initial Authority project criteria. Arroyave then referred to Facilities O&M

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Director Bob Martin to review the list of recommended projects for the next three years. Staff answered questions throughout the presentation.

8. **Agenda Item 9: Report on Changes to Brown Act Resulting from Enactment of AB 2449.**

General Counsel Rebecca Akroyd briefly reviewed the memo included in the packet. Akroyd reported that on September 12, 2022 Governor Newsome signed AB 2449 into law, amending certain portions of the Ralph M. Brown Act relating to teleconference participation by members of legislative bodies in public meetings. Akroyd reported that the changes are effective January 1, 2023 and can facilitate teleconference participation in the absence of a state of emergency. Akroyd reported that AB 2449 will remain in effect until January 1, 2026.

9. **Agenda Item 10: Report on State and Federal Affairs.**

Water Policy Director Scott 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. Petersen reported that on September 23, the Department of Water resources announced that the comment period has been extended, by request, and the new end date for the comment period is Friday, December 16, 2022.

Petersen reported that on September 23, the State Water Resources Control Board released and opened a public comment period on the draft Racial Equity Action Plan, a compilation of actions intended to advance the State Water Board's efforts to create a future where California's water resources and drinking water are equitably preserved, enhanced, and restored for all Californians, regardless of race, and where race is not a predictor of professional outcomes for Water Boards employees. Petersen reported that the Racial Equity Action Plan sets goals for the State Water Board to address racial inequities and identifies metrics to measure progress. Petersen reported that the document is open for written comments until 5:00 pm on October 24, 2022.

Petersen reported that before the legislative session ended in August, state lawmakers sent Newsom 1,166 bills, of which he signed 997 and vetoed 169, according to his office. Petersen reported that makes for a veto rate of 14.5%, slightly lower than the 16.5% in 2019, his first year in office, but higher than in the pandemic-impacted years of 2020 and 2021, when he vetoed 13% and 7.9% of bills, respectively. Petersen reported that that's more or less in line with Newsom's predecessor, fellow Democrat Jerry Brown, who vetoed between 10% and 15% of bills that reached his desk during his second eight-year term as governor.

Kristin Olsen provided additional information on state affairs.

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 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 proposed rule is available for public inspection in the Federal Register Reading Room and will publish in the Federal Register on Friday, October 7, opening a 60-day public comment period.

Petersen reported that on Wednesday, October 5, the Treasury Department and the IRS announced a request for public comment on climate and renewable energy tax incentives included in the Inflation Reduction Act that was enacted in August. Petersen reported that the administration is hoping to get public comments back by Nov. 4, and the IRS fact sheet plans to consider later feedback "as practicable."

Petersen reported that over the last month, two bills have been introduced in Congress that would have implications for Authority member agencies. Petersen reported that on September 19, Congressman Harder and Congressman Garamendi introduced the Stop the Delta Tunnels Act, which includes provisions that would impact the Delta Conveyance Project. Petersen reported that on September 29, 2022, Congressmen Valadao and McCarthy, joined by the California Republican Congressional delegation, introduced the WATER for California Act, which includes provisions that, if enacted, would have impacts on a number of provisions of current law affecting member agencies. Petersen reported that if member agencies would like additional information about this legislation, please reach out to staff.

Dennis Cardoza, and Bill Ball provided additional information on federal affairs.

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

- a. AB 2647 – Executive Director Federico Barajas reported that AB 2647, which pertains to requirements to providing documents in advance for committee/board meetings, has been signed by the Governor. General Counsel Rebecca Akroyd summarized the new requirements.
- b. FY24 Budget Prep Process- Executive Director Federico Barajas reported that the O&M Technical Committee meeting is scheduled later this month. Barajas reported that the Activity Agreement cost allocation process continues to advance, and the latest version will be distributed on Monday.
- c. 30th Anniversary Lunch– Executive Director Federico Barajas reminded the Board that there will be a social luncheon right after the Board meeting.

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

- a. B.F. Sisk Dam Raise and Reservoir Expansion Project - Chief Operating Officer Pablo

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Arroyave reported that work continues on the Addendum to the feasibility study, and it has been transmitted to the policy office in Denver, which is the next stop before it goes to the Commissioner's office. Arroyave reported that the Activity Agreement members have continued worked with Hallmark on a principles of agreement document, and are working with Reclamation to engage in a small group discussion. Arroyave reported that work continues on an operations agreement outline.

- b. Hyacinth - Chief Operating Office Pablo Arroyave reported that staff is assessing interest regarding cost share agreements for treatment with the Department of Boating and Waterways.

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

Westlands Water District's Tom Boardman reported on current storage at Shasta and mentioned the recent precipitation to the watershed, carry over storage, and Reclamation's refill projection for spring 2023. Folsom storage and release operations were reported along with Reclamation's refill projection.

Boardman noted that Jones pumping had recently declined to a single unit. It was stated that Jones pumping may increase to a 2-3 unit operation later in October if Delta salinity conditions improve.

The accounting balance under the Coordinated Operations Agreement was stated along with a brief report on the plans to balance the account between the SWP and CVP.

CVP San Luis storage was reported including an explanation of the amount of 2022 CVP Project water currently in SLR.

Responding to a Board member question, Boardman explained that a Shasta critical year was determined by the amount of unimpaired inflow into the reservoir rather than the amount of storage in the reservoir. Boardman also responded to a question from the public by explaining some of the assumptions supporting the distributed CVP San Luis chart under 90% exceedance hydrology.

13. Agenda Item 14: Presentation Regarding 30th Anniversary of San Luis & Delta-Mendota Water Authority.

Executive Director Federico Barajas gave a brief presentation, thanking the Board for their service, and recognized members of the board that were in attendance and have served the Authority 10-years or more, which included Director Ric Ortega, Director Bobby Pierce, Director Jeff Cattaneo, Director Dave Weisenberger, and Director Bill Pucheu. Barajas also recognized Frances Mizuno for her 30 years of service to the Authority.

14. Agenda Item 13: Committee Reports.

- a. Water Resources Committee - October meeting was cancelled.

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- b. **Finance & Administration Committee** – Board Chair Cannon Michael reported that the committee met and addressed agenda items.
- c. **O&M Committee** – Board Chair Cannon Michael reported that a meeting is scheduled for October 17, 2022.

15. **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. Director William Bourdeau briefed the Board on the trip to D.C.

c. **Farm Water Coalition.**

Mike Wade reported that they are in the process of completing the new infograph on fallowing, and it will be distributed in the next week.

d. **Association of California Water Agencies.**

Director Bill Diedrich reported that Region 6 & 7 are putting on their Valley Water Forum October 14. Director William Bourdeau reported that he is nominated to be the Vice Chair of the Ag committee.

e. **Water Blueprint for the San Joaquin Valley**

Water Policy Director Scott Petersen reported that there is an upcoming large group meeting in Madera on October 12 and a Blueprint Board meeting October 19.

f. **SJV CAP**

Water Policy Director Scott Petersen reported that the SJV CAP Steering Committee plus met to discuss changes to the draft Term Sheet that was previously provided to the Board for reference. Petersen reported that a redlined version of the document is now available and is circulating amongst the various caucuses for discussion prior to the next meeting of the plenary group, which is scheduled for October 25.

G. CVPWA

Director Anthea Hansen provide an update regarding financial issues.

16. **Agenda Item 15: Board Member Reports.**

Director Anthea Hansen provided a brief summary of the Women in Water Conference.

Director Ric Ortega reported that Director Anthea Hansen joined him and others on a very successful trip to D.C. for the Los Vaqueros Reservoir JPA, and described upcoming Grassland Water District tours.

17. 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 11:46 a.m. Upon return to open session at approximately 12:30 a.m., Chair Cannon Michael stated that no reportable actions were taken.

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

No report.

19. Agenda Item 19: Adjournment.

The meeting was adjourned at approximately 12:31 p.m.



November 10, 2022

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for October 2022

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 1-2 units for the month of October. The average rate of pumping for the JPP during the month was 1,030 cubic feet per second (cfs).

Total pumping at the JPP for the month of October was 63,333 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 46,605 acre-feet, and pumped 3,326 acre-feet during the month of October. Zero acre-feet was pumped at the Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) and zero acre-feet was reversed from the California Aqueduct to the DMC for the month of October.

The Federal share in the San Luis Reservoir on October 31st was 186,514 acre-feet as compared to 41,771 acre-feet for the end of October 2021.

During the month of October, releases from Friant Dam ranged from 449 to 511 cfs with 1,460 acre-feet entering the Mendota Pool. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 962 acre-feet for October.

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 October. A coordinated flow measurement was conducted at the NVRWP discharge location (MP 37.33) for the DMC THM study during the month of October. Additional flow measurements were also conducted on the San Joaquin River at the bifurcation structure and San Mateo Avenue for restoration releases.

Control Operations switching/clearance placements performed this month:

- C-22-DCI-54 DCI Unit 3 & 4 installation
- C-22-DCI-56 DCI Unit 3 & 4 BFV 480 volt breaker
- C-22-ON-58 OPP Unit 5 annual maintenance
- C-22-JP-59 JPP Unit 4 & 5 suction elbow
- C-22-JP-60 JPP Unit 2 annual maintenance
- C-22-JP-61 JPP Unit 2 suction elbow
- C-22-DCI-62 DCI Unit 3 verify wiring
- C-22-DCI-63 DCI Unit 4 verify wiring

- C-22-DCI-64 DCI Unit 3 swap motor leads
- C-22-DCI-65 DCI Unit 4 swap motor leads
- C-22-DCI-66 DCI Unit 4 Swap Motor Leads
- C-22-DCI-67 DCI Unit 3 Couple Motor
- C-22-DCI-68 DCI Unit 4 Couple Motor
- C-22-JP-69 JPP Unit 4 BFV Maintenance
- C-22-DCI-70 DCI Unit 3 Protective Relay
- C-22-DCI-71 DCI Unit 4 Protective Relay
- C-22-DCI-72 DCI Unit 3 BFV
- C-22-DCI-73 DCI Unit 4 BFV
- C-22-DCI-74 DCI Unit 4 480 Disconnect
- C-22-ON-75 OPP Unit 2 Annual Maintenance
- C-22-JP-76 JPP Unit 4 Cooling Water Leaks (motor housing)

Plant Maintenance Department

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

Electrical/C&I Staff:

- JPP Unit 4 rewind
- JPP sewer system control
- TFO E-Shop cooling tower maintenance
- TFO UZB 15 annunciator communication loss repair
- Prep work associated with the 30th Anniversary Celebration
- DCI Unit 3 and 4 assistance and support
- OPP Unit 3 vane position modification and calibration
- OPP station service battery PM
- OPP ½ Ton crane PM
- OPP domestic water PM
- OPP 3 Ton crane PM
- OPP Unit 3 flowmeter install and programming
- LBFO gate PM
- LBFO domestic water PM
- Investigate TFO entrance gate failure
- DMC check level detector failures (1,6,9)
- Check 20 PLC repairs

Mechanical Staff:

- JPP trash rack cleaning
- JPP Unit 5 suction elbow inspection
- JPP Unit 4 rewind reassembly
- JPP Unit 5 Kinney strainer maintenance
- JPP Unit 2 annual maintenance
- WTP booster pump replacement
- Sandblast building maintenance
- OPP Unit 5 annual maintenance
- OPP Unit 5 stuffing box water supply solenoid replacement
- OPP Unit 5 RTD testing and calibration
- OPP Plant checks and back wash
- OPP Unit 2 annual maintenance

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USBR Support Services

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

- TFCF hot tap 30" water line
- TFCF boom truck and operator for stoplog installation support (valve pit inspection)
- TFCF monorail gripper repairs

Civil Maintenance Department

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

- Grading of DMC and VWW operating roads
- OPP support
- JPP support
- Install and paint new handrails on DMC turnout steps
- Fabricate pipe fencing along the DMC
- Investigation, excavation and repair of a leak at MP 34.08-L
- 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
- Cleaning of a culvert as MP 5.67 as requested by USBR
- Fill in voids behind liner and erosion repair along the DMC
- New employee Class A driver training
- Fabrication of handrails for TFO roof hatch openings
- San Luis Drain drainage improvements
- Painting at DMC Checks 11, 12, 13, 14, and 15
- Prep work associated with the 30th Anniversary Celebration

Engineering Department

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

- OPP Unit 1 enclosure tube repair
- USBR tile drain drawings
- DMC seepage monitoring @ MP 20.15L
- Data management of well readings and creation of Warren Act hydrographs
- OPP cooling water strainer purchase (Special Project)
- DCI U3 & U4 pump installations engineering support and SCADA development
- OPP Unit 3 generator switchgear transfer switch repair
- OPP SCADA user station development
- OPP Kinney strainer purchase
- Roof access hatch guardrails design for Electric Shop and Canal & Vehicle Maintenance Shop
- TFO Transformer MAIN leak monitoring
- DCI cathodic protection system survey and repairs
- OPP Unit 5 motor breaker hi-pot test
- OPP Unit 5 stator inspection

2022 DMC Pumpback Project

- Finalized plans and documented work completed
- Final report and invoicing in progress

Land Management Activity Summary

The Engineering staff issued one (1) access permit this month:

- Access permit P2302026 was issued to Firebaugh Canal Water District to install a temporary turnout located near MP 105.60-L on the Delta-Mendota Canal

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 MP 92.73
- Koster Road bridge guardrail extension, San Joaquin County

Safety Department

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support for the crews
- Conduct Weekly Safety Tailgate talks with Maintenance and Operations crews
- Sent out Weekly Safety Tailgate Topics – 10-1 Personal Protective Equipment, 10-2 Ladder Safety, 10-3 Sprains and Strains Prevention, 10-4 Fall Protection, 10-5 Power Tool Safety
- Provided safety message for October 2022 Newsletter – 10-2022 Seven Steps to Earthquake Safety
- Provide rescue standby service at OPP
- Conducted Permit Required Confined Space Entry operations training
- Provide safety standby at Tracy Fish Facility

Procurement and Work & Asset Management Department

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

- Continued training and support with Warehouse Inventory Control Clerk and Buyer
- Contract Specialist resigned. Conducted interviews for new Contract Specialist
- Completed probationary appraisal
- Tested and finalized outstanding NetSuite issues, moved to production
- Advanced Procurement Software testing continued in NetSuite.
- Completed Procurement Activity Report
- Contracts/PO Agreements/LOA's Status Update:
 - F22-OPP-059 OPP Main Transformer Rehabilitation. Released RFI to Public Purchase for re-solicitation anticipated in January.

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- F22-JPP-071 UZ11A Switchgear Bushing Box Replacement - Board approved single source in February with contract executed in April. Project is ongoing and all parts & materials have been ordered. Update: Majority of parts & materials have been received. Upon receipt of all materials, work will be scheduled.
- F23-LBFO-23 Executed contract for supply and delivery of pesticides
- F23-DCI-012 Issued PO4396 to Corrosion Engineering Services agreement
- Issued PO4397 for Hyacinth Spraying Project - aerial spraying

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
- 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
 - New Project Manager to streamline support from Affirma
- Assisted with monthly FAC, WRC and BOD meetings with Zoom
- Desktop support calls.
- Planning server refresh
- Planning laptop refresh
- Planning upgrading/replacing copiers
- Monitor Symantec Anti-Virus management console
- Security updates on servers
- Monitor firewall
- Update additional AV security settings
- Multi Factor Authentication vendor SurePass
- Follow-up meeting with Active Directory threat defense vendor
- Additional meeting with Protective DNS vendor
- 2nd Draft of Cyber security Incidence Response Plan
- First draft Disaster Recovery Plan

- First draft Business Continuity Plan
- Cyber Security purchase requirements list developed. (IT and SCADA)
- In-house Cyber Security technical team selected and approved
- FirstNet deploying iPhones and iPad SIMS
- MDM IBM (MAAS360) end user device settings and monitoring
- Reviewed InfraGard dispatches – FBI Cyber Security group
- Cyber Security training and webinars
- WAM servers, prepping for redeployment
- EO&M 10-year budget complete for FY24
- O&M Technical Committee meeting FY24 budget for IT (5110)
- Troubleshoot email auto-discover issues after WEB site move
 - Purchased and installed new security certificate
- 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
- AV for 30 Year Anniversary celebration
- SCADA outage support during weekend of October 1st & 2nd
- Start researching file sharing/collaboration software solutions
- Working with Brandon Souza regarding USBR Work Request email process
- Firewall replacement
- Create deployment packages for Office 2019 and 2021 and install in test environment and deploy to 2 users for testing in WA environment
- Assist C&I with copying configuration files from Protective relays at DCI and upload to relays for new Units 3 & 4
- Assist with troubleshooting of gate controls in LBFO

HR Department

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

General Administrative Activities:

- Active Recruitments:
 - Hydro Electric Electrician, Tracy (continued recruitment)
 - Mechanical (Plant) Engineer, Tracy (continued recruitment)
 - Control Operator, Tracy (continued recruitment)
- Closed Recruitments:
 - Apprentice Plant Mechanic, Tracy (assessment testing)
 - Apprentice Electrician, Tracy (candidate selected)
 - Contract Specialist, Tracy (candidate selected)
- Budget preparation
- Benefits Open Enrollment
- 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)

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: The abutment repair is on hold until PG&E relocates a gas pipeline. A 6-inch gas transmission pipeline owned by PG&E crosses under the bridge serving the City of Dos Palos. All parties have agreed that it would be a safety hazard to conduct work with the gas line in place. USBR, staff, and PGE have worked on developing new plans and license amendment to have the pipeline rerouted under the DMC. Once the new line is installed, the old pipeline will be removed from the MP92.73 bridge. The project has begun with the installation of new pipe below the DMC. The pipe is next scheduled to tie into the existing gas pipeline, and removal of the old pipeline from the bridge. To date the project is progressing as planned and is anticipated to conclude in November 2022, weather permitting.

SLDMWA will be performing erosion and liner repairs under the bridge abutment once PG&E demobilizes or as weather permits. SLDMWA is planning for the repairs to occur in early 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 is scheduled to be completed by 3/6/2023. CDM subconsultants submitted the 1st and 2nd Administrative Draft of the EA/IS, however it was recently determine that the additional pumps at the DCI intertie were not included in the original modeling CDM received during the data gathering phase of the project. With the new pumps, additional modeling must be performed and include associated costs resulting in updates to the previously submitted drafts. The effort will delay the project completion date by a currently undetermined amount however staff and CDM is working diligently to minimize the delays. The modeled results will also feed into the benefits and Ability to Pay (ATP) analysis.

USBR Design Estimating and Construction (DEC) review has concluded and resulted in eight (8) recommendations for consideration during final design. USBR is accommodating one of the DEC recommendations with additional site investigations in support of the feasibility analysis. The final joint memorandum for the DEC review is currently being drafted. SLDMWA has received an updated Geotechnical Scope of Work from USBR and an updated cost estimate and schedule from Terracon Geotechnical Engineers to complete the final geotechnical phases 2-4 will inform the final design. SLDMWA is currently preparing the contract amendment to reflect the changes to the SOW and the updated cost estimates. Staff anticipates to bring the contract to the board in December and request the Notice to Proceed to be executed by the Board.

EXTRAORDINARY O&M & CAPITAL PROJECTS

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 Water Authority is assisting Reclamation to resolve the settings in order for the contractor to proceed with commissioning.

DMC Turnout Flowmeter Upgrade Program – Phase 3

Status: 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 Fall 2022. No activity this month.

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 is being reviewed by the Authority and Reclamation Design and Construction Branch CGB-250. The 90% package is scheduled for completion in November.

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: NEC has completed their portion of the work on the rotor and it has been turned over to the Authority to begin reassembly. The rotor was reinstalled on 9/26/2022 and work has begun to restore the unit to operational status. Acceptance testing is scheduled for the week of November 14, 2022

EXTRAORDINARY O&M & CAPITAL PROJECTS

JPP Unit No. 3 Rewind

Status: The initial 40% payment to NEC has been made, and SLDMWA has been reimbursed by USBR for the payment. This allowed NEC to purchase the materials to manufacture the stator laminations. Production of laminations began October 13, 2022 and is on schedule to be completed December 5, 2022. Laminations will be shipped to US and arrive in Texas (NEC. factory) early January 2023. Unit 3 is on schedule to begin rewind on January 9, 2023.

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 has been executed with the majority of submittals reviewed and approved. In August, Powell informed SLDMWA that they could not furnish the bushing box for September, and requested to reschedule the repairs. The clearance for the damaged equipment was modified until the construction is scheduled. The repairs and system outage is tentatively rescheduled for April 2023. SLDMWA received the replacement bushing box, CTs, surge arresters, etc. this month, which is Phase 1 of contract. Phase 2 of the contract will be issued once all the parts have been received.

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. Staff is currently awaiting the final Geotechnical report in order to prepare the Technical Specifications and formally solicit the project. SLDMWA Engineer is working with Terracon Structural team to address necessary questions posted to us regarding the demands of the final design. 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.

EXTRAORDINARY O&M & CAPITAL PROJECTS

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. The RFI for Letters of Interest was issued on October 4th, and one vendor, Delta Star, has posted questions which SLDMWA has responded to. The RFI will close on November 4th. The RFP is tentatively scheduled to be advertised in January 2023, with construction scheduled to occur April/May of 2024, pending favorable hydrologic conditions for the outage.

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. A report of the findings will be provided to TSC per recommendation. 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. FY24 proposed projects are focused on ancillary systems that are critical but won't be affected by the assessment results.

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.

EXTRAORDINARY O&M & CAPITAL PROJECTS

OPP Accusonic Flowmeter Console Upgrades (FY23)

Status: Consoles have been purchased and recieved. Installation activities are underway. Staff discovered a faulty communication component within the new consoles are are working with Accusonics on a replacement.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (FY20)

Status: No activity this month. Raw water quality test results were provided to package plant vendors for quotes. Vendor quotes received will be evaluated for completeness for future selection.

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. 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. Negotiating with vendors on software licensing and hardware availability is ongoing.

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

Status: No Activity.

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STAFF MEMORANDUM

TO: Board Members and Alternates

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

DATE: November 10, 2022

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

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