

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD OF
DIRECTORS REGULAR TELEPHONIC MEETING
MINUTES FOR MARCH 10, 2022

The Board of Directors of the San Luis & Delta Mendota Water Authority convened at approximately 9:30 a.m. via teleconference in accordance with Government Code section 54953(e) and Resolution No. 2022-501 adopted by the San Luis & Delta-Mendota Water Authority Board of Directors on February 10, 2022, with Chair Cannon Michael presiding.

Directors and Alternate Directors in Attendance

Division 1

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

Division 2

Ceil Howe, Alternate for Ryan Ferguson
William Bourdeau, Director
Beau Correia, Director - Ara Azhderian, Alternate

Division 3

Dan McCurdy, Director
Jarrett Martin, Alternate for Chris White
Cannon Michael, Director
Ric Ortega, Director

Division 4

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

Division 5

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

Authority Representatives Present

Federico Barajas, Executive Director
Pablo Arroyave, Chief Operating Officer
Rebecca Akroyd, General Counsel
Joyce Machado, Director of Finance
Cheri Worthy, Executive Secretary
Lauren Neves, Accountant III
Jessica Gerard, Accounting Tech I
Stewart Davis, IT Officer
Gerald Robbins, Special Programs Manager

Others in Attendance

Frances Mizuno, Mizuno Consulting
Dana Jacobson, Valley Water
Dennis Cardoza, Foley & Lardner, LLP
Mike Wade, California Farm Water Coalition
Vincent Gin, Valley Water
Don Wright, WaterWrights

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**

Don Wright asked the Board to consider continuing with ZOOM meetings.

CONSENT ITEMS

4. **Agenda Items 4-6: Board to Consider: a) Draft February 10, 2022 Meeting Minutes b) Acceptance of the Financial & Expenditures Reports, c) Staff Reports.**

On a motion of Director John Varela, seconded by Director Bill Pucheu, the Board accepted the February 10, 2022 meeting minutes, Financial Expenditures Reports, and Staff Reports. The vote on the motion was as follows:

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

ACTION ITEMS

5. **Agenda Item 7: Board of Directors to Consider Adopting Resolution Re-Ratifying the Proclamation of a State of Emergency by Governor Gavin Newsom (Mar. 4, 2020), Proclaiming the State of Emergency Continues to Directly Impact the Ability of Members of the Legislative Bodies of the San Luis & Delta-Mendota Water Authority to Meet Safely in Person, and Re-Authorizing Remote Teleconference Meetings for Such Legislative Bodies for the Period March 10, 2022 through April 9, 2022 Pursuant to Brown Act Provisions.**

General Counsel Rebecca Akroyd reported that the Authority would like to allow the opportunity

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to conduct business remotely in compliance with Government Code section 54953(e). Akroyd reported that staff is proposing adoption of a new resolution, and as drafted, the resolution, which will take the Authority through April 9, 2022, makes all the requisite findings to continue to meet via teleconference pursuant to AB 361.

On a motion of Director Bill Pucheu, seconded by Director John Varela, the Board adopted the Resolution Re-Ratifying the Proclamation of a State of Emergency by Governor Gavin Newsom (Mar. 4, 2020), Proclaiming the State of Emergency Continues to Directly Impact the Ability of Members of the Legislative Bodies of the San Luis & Delta-Mendota Water Authority to Meet Safely in Person, and Re-Authorizing Remote Teleconference Meetings for Such Legislative Bodies for the Period March 10, 2022 through April 9, 2022 Pursuant to Brown Act Provisions. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Correia, McCurdy, Jarrett Martin, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

6. Agenda Item 8: Board of Directors to Consider Selection and Appointment of FY23 San Luis & Delta-Mendota Water Authority Board Officers.

Executive Director Federico Barajas reported that the Authority's Joint Exercise of Powers Agreement provides for the selection of a Chairman, Vice Chairman, Secretary, and Treasurer. Barajas reported that in contrast to the Treasurer, who serves at the pleasure of the Board, the chairman, vice chairman, and secretary hold office for a period of one year commencing the first meeting of each Fiscal Year. Barajas reported that the Authority's Fiscal Year 2023 begins March 1, 2022.

Director Gary Kremen made a motion to appoint Director Cannon Michael as Chair, Director William Bourdeau as Vice-Chair. Director Tom Birmingham asked to have the motion amended to also appoint Executive Director Federico Barajas as Secretary. Director Kremen agreed to amend his motion. Director Tom Birmingham then seconded the amended motion. Director Cannon Michael and Director William Bourdeau thanked the Board. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Correia, McCurdy, Jarrett Martin, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

7. Agenda Item 9: Board of Directors to Consider Water Resources Committee Recommendation Regarding Adoption of Resolution Authorizing Execution of B.F. Sisk Dam Raise and Reservoir Expansion Project Activity Agreement.

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Executive Director Federico Barajas provided an overview of this item and highlighted key documents in the packet, which included the Memo, draft Resolution, and the draft Activity Agreement. General Counsel Rebecca Akroyd highlighted the changes to the Activity Agreement based on the direction of the Water Resources Committee (WRC). Water Resources Committee Chair Tom Birmingham reported that the changes were consistent with the direction of the Committee.

On a motion of Director Tom Birmingham, seconded by Vice Chair William Bourdeau, the Board adopted the resolution authorizing execution of the B.F. Sisk Dam Raise and Reservoir Expansion Project Activity Agreement. The vote on the motion was as follows:

AYES: Weisenberger, Pierce, Hansen, Gilmore, Howe, Bourdeau, Correia, McCurdy, Jarrett Martin, Michael, Ortega, Varela, Kremen, Cattaneo, Singleton, Pucheu, Birmingham, Amorelli
NAYS: None
ABSTENTIONS: None

REPORT ITEMS

11. Agenda Item 10: Update on Strategic Plan Implementation Progress

Executive Director Federico Barajas reviewed the Strategic Plan implementation progress memo included in the packet. Barajas reported that following Board adoption of the Strategic Plan goals and objectives, staff broke down the various objectives into a number of implementation actions, including internal deadlines, staff leads, and information regarding recurrence. Barajas reported that staff uses the full implementation plan to manage and track Strategic Plan activities, and the implementation plan is reviewed annually to identify additional priority items for the upcoming Fiscal Year. Barajas reported that FY22 priority items are summarized in the memo, which provides an update on the status of all High Priority actions. Barajas reported that for FY23, staff revised the list of existing High Priority actions to retain some previously identified items and added others. Barajas reported that the revised High Priority action list for FY23 is included in the memo.

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

Dennis Cardoza provided a brief update of various bills and the Stream Act. Cardoza reported that Washington DC should be opened by April 1.

Bill Ball reported next Thursday there will be a hearing that will include Senator Huffman's bill. Ball also reported that the House of Representatives passed that Omnibus Drought Funding Bill, and it is sitting with the Senate now, and may be taken up today.

Kristin Olsen provided a brief update on SB559. Olsen also reported that the State of State Address was the shortest ever, with little time spent on drought. Olsen concluded providing a brief update on

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current elections, and upcoming elections.

13. Agenda Item 12: Executive Director's Report.

- a) DMC Subsidence Correction Project - Executive Director Federico Barajas reported that CDM Smith is now on board to help advance this project. Barajas reported that staff continues to work with DWR on the state funding aspect of this project.
- b) SLTP Update - Frances Mizuno reported that progress is being made on both the Project Development Agreement and the MOU.
- c) Water Transfers - Frances Mizuno reported there is uncertainty regarding the North of the Delta transfers which has put pricing negotiations on hold.
Mizuno also reported that Yuba C1 - C3 transfer water will be available. Mizuno reported that C4 water will also be available, and pricing will be negotiated starting on Monday.
- d) Reinitiation of Consultation Scoping - Executive Director Federico Barajas reported that Reclamation issued a notice of intent to prepare the EIS and to hold public scoping meetings during the month of March.
- e) Temperature Management Plan Workshop - Executive Director Federico Barajas reported that the State Water Resources Control Board workshop will be held Tuesday, March 16, 2022.
- f) HR Update - Executive Director Federico Barajas reported that Finance Director Joyce Machado's last day is March 15. Finance Director Joyce Machado thanked staff and the Board for all the support over the years. Barajas also reported that Frances Mizuno will no longer be a part-time employee, but will continue to work with the Authority as a consultant.

14. Agenda Item 13: Chief Operating Officer's Report

Chief Operating Officer Pablo Arroyave reported that Unit 1 rewind at Jones Pumping Plant is complete and that the Unit 4 rewind is starting.

15. Agenda Item 14: Update on Water Operations and Forecasts

Chief Operating Officer Pablo Arroyave reported the Authority, as well as, many others are awaiting the March Forecast. Arroyave provided a brief update on Jones Pumping Plant pumping levels, and conditions at Shasta, Folsom and San Luis Reservoirs.

16. Agenda Item 15: Committee Reports.

- a. Water Resources Committee - Chair Tom Birmingham reported that the committee met, and addressed agenda items.
- b. Finance & Administration Committee - Chair Rick Gilmore reported that the committee

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met, and addressed agenda items.

- c. O&M Committee – No report.

17. Agenda Item 16: Outside Agency/Organization Reports.

- a. State and Federal Contractors Water Agency (SFCWA)

No report.

- b. Family Farm Alliance (FFA)

Report included in the packet.

- c. Farm Water Coalition.

Mike Wade reported that they are working with Valley Ag Water Coalition on a new update publication for legislators and staff called California Ag Water Update, and it will be distributed quarterly.

- d. Association of California Water Agencies

No report.

- e. CVPWA

No report.

18. Agenda Item 17: Board Member Reports.

No reports.

19. Agenda Items 18-19: Closed Session Report.

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 11:05 a.m. Upon return to open session at approximately 11:22 a.m., Chair Cannon Michael stated that no reportable actions were taken.

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

No reports.

21. Agenda Item 21: Adjournment.

The meeting was adjourned at approximately 11:23 a.m.

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April 7, 2022

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for March 2022

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 1 to 3 units throughout March. The average rate of pumping for the JPP was 2,320 cfs through March 30th.

Total pumping at the JPP through March 30th was 69,609 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 4,161 acre-feet, and pumped 40,528 acre-feet through March 30th. A total of 1064 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 through March 30th.

The Federal share in the San Luis Reservoir on March 30th was 328,783 acre-feet as compared to 441,936 acre-feet at the end of March, 2021.

Through March 30th, releases from Friant Dam ranged from 580 to 680 cfs with 4,392 AF entering the Mendota Pool. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 4,311 AF through March 30th.

Canal Operations staff performed open channel and closed-pipe flow measurements, routine patrols, bi-weekly meter readings, water samples, well soundings, meter retrofitting, and meter maintenance during the month. Coordinated flow testing was also conducted within the Volta Wasteway with California Fish & Wildlife staff to calibrate a new weir.

Control Operations switching/clearance placements performed this month:

- C-22-JP-10 JPP Unit 1 Commissioning / Balance Rotor
- C-22-JP-11 JPP Unit 1 Commissioning
- C-22-JP-12 JPP Unit 1 Commissioning
- C-22-JP-13 JPP Unit 1 Commissioning
- C-22-JP-14 JPP Unit 1 Commissioning
- C-22-JP-15 JPP PCB 122 Repair
- C-22-JP-16 JPP Unit 4 Annual Maintenance / Rewind
- C-22-JP-17 JPP Unit 4 Suction Elbow
- C-22-JP-18 JPP Unit 3&4 Center Tube / Suction Elbow
- C-22-JP-19 JPP Unit 4 Annual Maintenance / Rewind
- C-22-DCI-20 DCI South Tube / Install DCI U-3

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- C-22-DCI-21 DCI 4160 Bus
- C-22-DM-22 DMC Milepost 58.90 Turnout Gate Replacement
- C-22-DM-23 DMC Milepost 34.08 Turnout Gate Replacement
- C-22-DCI-24 DCI North Tube
- C-22-DCI-25 DCI Units 3&4
- C-22-ON-26 OPP Unit 6 Annual Maintenance

Civil Maintenance Department

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

- DMC Farm Bridge Repairs
- Grading of DMC operating roads
- USBR Assistance with TFCF Stop Log Installation and Inspections
- OPP Unit 1 Support
- JPP Unit 4 Support
- DMC erosion repair
- Turnout Gate Replacement at MP 58.90
- Turnout Gate Replacement at MP 34.08
- Durham Ferry Road Bridge MP 17.23 Cleaning and Repairs
- Garbage collection on DMC and Wasteways
- Chemical and mechanical weed control on DMC and SLD
- DCI Stop Log Installation and Inspections
- Confined Space Rescue Team Annual Training
- Maintenance and repairs to float lines, signs, fences, guard rails and gates
- Pump Back Program Equipment Inventory
- Transportation of Pump Back Program Pumps to Repair Facility

Plant Maintenance Department

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

Electrical/C&I Staff:

- JPP Unit 1 re-assembly and testing
- DMC SCADA 3G to 4G Upgrade
- DMC Check 11 Vandalism Repair
- JPP Unwater Pump Repair
- JPP/TFO Ground Fault Detection and Repair
- JPP Unit 1 Annunciator Coms Repair
- JPP Unit 4 Rewind Support
- OPP Unit 4 repairs and re-assembly
- OPP Service Air Compressor PMs
- OPP Security Gate PM
- OPP-1 governor cabinet, wire in new cable for lights & receptacles.
- OPP Battery PM, Crane PM, Stop Log Crane PM, Lighting PM
- OPP Troubleshoot CO2 Testing Procedure
- OPP VWW Refuge Wells PMs
- TFO Vehicle Maintenance Shop Service Air Compressor Replacement
- Pump Back Program Electrical Equipment Inventory
- JPP Unit 4 Rewind Relay Testing
- JPP DFR Alarms

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Mechanical Staff:

- JPP Haz Mat Inspection
- JPP Unit 1 Rewind Balancing
- JPP Unit 1 Rewind Pump Bearing Removal and Inspection
- JPP Unit 1 Rewind Test Run / Monitoring Temp of Pump Bearing
- JPP Unit 4 Rewind Drain Oil Tubs and Remove Exciter
- JPP Unit 4 Bridge, Plumbing and Deck Plate Removal
- TFO Warehouse sign restoration
- Control Building plumbing leak repair
- JPP Unit 4 Rewind plumb and center shaft for NEC
- Sandblast and paint pipe rack for LBFO
- TFF deflector boom inspection
- OPP Unit 4 oil leak repairs
- OPP crane PMs
- VWW Refuge wells PMs
- Confined Space Rescue Team annual training

USBR Support Services

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

- TFF stoplog test installation
- TFF deflector boom inspection

Engineering Department

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

- JPP Unit 1 rewind project, including thrust bearing inspection and repairs
- JPP switchgear buildings relay settings update
- JPP Units braking and lifting electrical support
- JPP Penstock 2 (Center) inspection
- TFCF secondary channel equipment support
- TFCF electrical PMs
- TFO canal maintenance yard storm drainage design - Construction meeting
- TFO breaker modifications per 2018 JPP Arc Flash Study
- OPP Unit 3 vane control calibration
- OPP cooling water system rehabilitation
- OPP concrete wall cracks monitoring.
- OPP service water pump rehabilitation
- OPP Unit 1 enclosure tube repair
- OPP Unit 4 distributor leak repair
- OPP Unit 6 rotor and stator electrical tests
- OPP Unit 6 annual maintenance and enclosure tube assessment
- TSY UZ11A bushing box replacement and repairs
- Software support for C&Is
- DMC seepage monitoring @ MP 20.15
- Upper DMC 3G to 4G communication upgrades
- Data management of well readings and creation of Warren Act hydrographs
- O&M PM setup and asset management in NetSuite/Shepherd
- DCI U3&U4 SCADA development for pump additions

Land Management Activity Summary

The Engineering staff issued two (2) access permits this month:

- Access permit P2302001 was issued to Del Puerto Water District for goat grazing along the Delta-Mendota Canal right-of-way from Milepost 60.65-L to Milepost 62.09-L.
- Access permit P2302002 was issued to Panoche Water District to repair the existing air vent to the underground pipeline on the Delta-Mendota Canal right-of-way at Milepost 92.73-L.

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

- Coordination meeting with the City of Tracy on development around DMC
- Development of Land Management requirements for adjacent developments
- Orestimba Creek Recharge Project
- Santa Nella WD sewer and water crossing
- Tracy HOM Project, Tracy CA
- Costco Annexation Project, Tracy, CA
- Tracy Hills Commerce Center, Tracy, CA
- Tracy Hills Phase 5 Development review
- City of Tracy Schulte Warehouse Annexation, Tracy, CA
- City of Patterson – Roger Road developments & Baldwin Ranch comments
- International Parkway Bridge Replacement, PROLOGIS -Tracy, CA – Prepared 2nd plan review and provided comments

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 – 3-1 Aerial Platform Safety, 3-2 Extension Cord Safety, 3-3 Compressed Gas Cylinder Safety, 3-4 Hand Safety
- Provided Safety Message for March 2022 Monthly Newsletter – 3/2022 Defensive Driving 10 Tips
- Conduct site safety inspections
- Provide Permit Required Confined Space – Safety standby support at DCI
- Provide Safety Orientation for new hire: Brian Pedro
- Conducted OSHA Safety Training Topics: Fall Protection, Hazardous Waste First Responder Awareness, Hearing Conservation, and Respiratory Protection to LBFO and OPP crews
- Conducted Confined Space Rescue Team annual drill at OPP

Procurement and Work & Asset Management Department

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

- Continued working on final inventory reports for end of FY22. Still working with Affirma and Shepherd to resolve underlying issue before finalizing reports.
- FY22 open purchase orders review and close out including processing FY22 invoices continued into March to finalize and meet accountings 4/15 deadline

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- CY21 annual sales tax report
- Contracts/PO Agreements/LOA's Status Update:
 - F22-OPP-059 - OPP Main Transformer Rehabilitation solicitation RFP released 3/28/22
 - F22-DMC-069 Cellular Gateway Migration- Final parts delivered, final closing being done, and scheduling to be done in March/April.
 - F22-JPP-071- UZ11A Switchgear Bushing Box Replacement and Section Repairs - Board approved single source on 2/10 - Negotiations still in process. Anticipated execution early April.
 - F22-JPP-070 - RFP prepared for Investment Advisory Services. Still pending. Executives/Procurement have been finalizing RFP. Anticipated release in April.
 - F22-AB-073 RFP for Risk Dam Raise and Reservoir Expansion Project Released 2/23. Addendum issued for Q&A on 3/23, proposals due 3/29.
 - F23-LBFO-002 RFQ Issued for annual chemicals purchase. Nutrien was lowest bidder. PO Agreement executed with Nutrien Ag Solutions for \$26,323.51
 - F22-DMC-067 Flowmeter Phase 2: Received first batch, second batch due to arrive soon.
 - F22-LBAO-075 Professional services agreement for Affirmative Action Plan services, executed 3/1/22

Ongoing:

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

Information Technology Department

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

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

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- Planning upgrading/replacing copiers
- Monitor Symantec Anti-Virus management console
- Security updates on servers
- Update firmware on firewall
- Update additional AV security settings
- Cybersecurity insurance survey
- Evaluated and met with Multi Factor Authentication vendors
- Evaluated and met with Active Directory threat defense vendor
- Initial meeting with Protective DNS vendor
- First Draft of Cyber Security Incidence Response Plan
- First draft Disaster Recovery Plan
- First draft Business Continuity Plan
- Avaya vendor upgrade of firmware on phone switches
- Ordered new phones for SAC office Avaya to drop expense of Ring Central
- Initiated Avaya annual maintenance contract for all locations
- Purchased new desktops for 2nd tier users running 11yr old computers
- Built desktop for new Hydro-Electric Planner
- Configure/deploy new laptop for Facilities O&M Director
- Configured and deployed dedicated Desktop for Great Plains "Read Only" Archive
- Repaired printer Payroll Office
- Created Shared Address List for Finance/Accounting
- Created Shared Calendars for Operations
- Qualified for and enrolled WA into FirstNET communications via AT&T

Human Resources Department

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

General Administrative Activities:

- Recruitments:
 - Buyer
 - Deputy General Counsel
 - Heavy Equipment Operator, Tracy (continued recruitment)
 - Hydro Electric Electrician, Tracy (continued recruitment)
 - Mechanical (Plant) Engineer, Tracy (continued recruitment)
 - Operations Supervisor (internal recruitment only)
 - Director of Finance (currently interviewing)
 - Secretary, Tracy (interviews scheduled)
 - Inventory Control Clerk (candidate selected)
 - Equipment Mechanic, Tracy (candidate selected)
 - SCADA Engineer, Tracy (candidate selected)
- Background checks for PIV cards (continuing)
- New Hire Orientations

Trainings/ Conferences:

- Remain up to date with webinars to ensure compliance with new legislation as it pertains to COVID-19
- Cyber Security Training (all staff being scheduled for training)

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

Government Reporting:

- Merced County Public Health COVID Reporting (as needed)
- Alameda County Public Health COVID Reporting (as needed)
- Affirmative Action report (submitted to Biddle)
- Federal Contractors Portal - OFCCP (registration completed)

Ongoing:

- COVID Protocols
- FMLA notices/follow ups
- COBRA notices/follow ups
- Worker's Comp follow ups
- Monthly safety points distribution
- Health benefits eligibility/employee assistance
- Maintain OSHA logs for calendar year
- Wellness program

EXTRAORDINARY O&M & CAPITAL PROJECTS

DMC Turnout Flowmeter Upgrade Program – Phase 2 (FY22)

Status: SLDMWA is in contract with McCrometer for the purchase of 62 Water Specialty flowmeters equipped with telemetry through the SLDMWA single-source procedure. The contract was executed after the January 2022 board meeting. 29 flowmeters have been delivered and are currently being installed. Final delivery of meters is expected by Fall 2022.

DMC Turnout Flowmeter Upgrade Program – Phase 3

Status: Engineering has started coordinating with Water Operations to provide the measurements of the flowmeters required. 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 signed by Fall 2022.

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

JPP Excitation Cabinet & Control Panel Refurbishment (FY18)

Status: Site visit was completed in March 2021 by USBR Denver Office staff to evaluate the installation plans for the project. The SLDMWA processed additional funds to the USBR for engineering on this project to continue in November and are awaiting an updated schedule. Excitation portion is 60% complete.

JPP Wear Ring Purchase (FY22)

Status: No activity this month.

JPP Unit No. 5 Rewind

Status: Project is complete and final payment of \$584,337.95 has been received by the Authority.

JPP Unit No. 1 Rewind

Status: Performance testing was completed on March 4, 2022. NEC has submitted the final report for comments, and NEC is in the process of addressing Reclamation's comments.

JPP Unit No. 4 Rewind

Status: Disassembly by Authority crew is complete and NEC is scheduled to return to the site on 4/4/2022. The stator laminations have been produced and are in storage in Texas. The stator coils are currently in production and on schedule.

JPP Unit No. 3 Rewind

Status: The initial 40% payment to NEC has been made. This allows NEC to purchase the materials to fabricate the stator laminations.

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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 the pipeline. The 6-inch pipe owned by PG&E that crosses under the bridge, adjacent to the abutment, is the main transmission line for the City of Dos Palos. All parties have agreed that it would be a safety hazard to conduct work with the gas line in place, and PG&E is currently planning to remove the existing pipeline from the bridge and HDD install a new pipeline under the canal. 60% plans have been reviewed and commented on by Reclamation and SLDMWA. Staff anticipates that 90% plans will be issued for review in the coming weeks with Final plans anticipated to be ready for construction in the late summer to fall timeframe. PG&E, SLDMWA, and Reclamation are meeting monthly to keep the project moving forward.

DMC Subsidence Correction Project

Status: SLDMWA is working closely with Reclamation to complete the tasks identified in the Financial Assistance Agreement (aka Cooperative Agreement) that was executed on 9/24/2021 after acquiring Board approval. Phase 1 Geotechnical work has been completed and funding will be reimbursed as a pre-incurred task identified in the Agreement. CDM Smith was awarded the \$2.4M contract to complete the Feasibility Study, with the Notice to Proceed issued on February 10, 2022. The Feasibility Report is expected to be completed in approximately one year, with certain environmental permitting extending longer if needed. A Project Kick-off was initiated with all technical team members fully engaged including USBR staff. Expedited coordination and task specific kick off meetings were held to plan modeling and field surveys for biological, cultural, and archeological as critical path items necessary to begin analysis of alternatives. Initial phases of the hydraulic modeling is currently underway. The DEC Review has been scheduled for mid-August and will be led by Reclamation.

SLDMWA continued working with DWR to provide adequate information regarding the DMC Subsidence Project to receive state funding and are currently in the signing process with DWR.

The SLDMWA continued 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 completion of the project has been delayed due to supply chain issues. Unico is currently working to procure a capacitor and 2 combination air valves critical to completion. The project is now estimated to be completed by June.

EXTRAORDINARY O&M & CAPITAL PROJECTS

TSY Switchgear Building UZ11A Modification and 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 (Powell is the company that designed and built the switchgear building). UZ11A is currently energized via adjacent switchgear building UZ8A. The contract for Powell to provide the repairs and replacement are in negotiation. The construction is tentatively scheduled for September 2022.

JPP Concrete Slab by Trashrake Dumpster

Status: Project is currently in the planning and designing phase. An onsite meeting was held internally to discuss planning and the logistics in order to perform the work without interfering with ongoing operations of the trashrake. A Geotechnical investigation will be pursued to characterize the subgrade to ensure an optimum design is implemented for the project.

O'NEILL PUMPING/GENERATING PLANT (OPP)

Main Transformers Rehabilitation/Replacement

Status: Quarterly oil monitoring was completed in January and the results were acceptable. The RFP was completed and formal solicitation was posted on March 28, 2022. The mandatory site visit is scheduled for April 12, and TSC will be attending. A \$65k change order to the current Construction Management Support Agreement with TSC was processed. SLDMWA will manage the contract, with TSC providing technical support for the duration of the project.

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

Status: The Facility Rating Review has been received. The personal protective grounds were upgraded per recommendations from the Facility Rating Review. Performed an inspection of the unit 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 a draft review.

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

Status: Project is on hold while scope is being re-evaluated to ensure the continued reliability of the OPP units. SLDMWA will be requesting a value engineering study to be conducted by Reclamation in the summer. SLDMWA will be an active participant in the study. Bill Dutton is initiating a conversation between SLDMWA and the USBR Value Planning/Engineering Department.

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EXTRAORDINARY O&M & CAPITAL PROJECTS

Penstock Cathodic Protection System Replacement (FY22)

Status: Construction materials are on order and a site visit was completed by Farwest on February 23, 2022 to survey the drill site. Construction is scheduled to begin April 25, 2022, pending county approval of the well permit.

UPS Battery Charging System Replacement (FY22)

Status: No activity this month. Installation will be timed concurrent with the outage for the transformer rehabilitation at OPP (April/May 2023). Equipment purchase for this job will occur 6 months prior to the Main Transformer Rehabilitation project starting.

OPP Station Service Backup Battery System Replacement

Status: No activity this month. Equipment purchase for this job will occur 6 months prior to the Main Transformer Rehabilitation project starting.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (FY20)

Status: Raw water quality test results were provided to package plant vendors for quotes. Vendor quotes received will be evaluated for completeness for future selection. Treatment Plant Drainage: SLDMWA Engineers proposed modifications to the drainage design to prevent ponding in and around the WTP building. Final design and review has been completed and is awaiting construction by SLDMWA staff.

MULTIPLE FACILITIES

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

Status: No activity this month. Received the project management plan from TSC in August 2021. A draft Letter of Agreement has been requested to Reclamation Tracy Office. Site work is tentatively scheduled for June/July 2022.

SCADA System Evaluation

Status: No activity

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STAFF MEMORANDUM

TO: Board Members and Alternates

FROM: Scott Petersen, Water Policy Director

DATE: April 7, 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. 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 Authority is currently researching two potential uses for this funding – 1. Continuation of Delta	\$105,000

	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 - \$2,000 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.	\$2,000

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 3, or 2. Execution of a contract for Salmon Structured Decision Making.	\$150,000

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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	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.	\$200,000

SCIENCE PROGRAM DIRECTION

The recently released federal Biological Opinions require annual scientific review of the Reasonable and Prudent Measures scientific panel review in years 4 and 8 of the implementation of the Biological Opinions.

It is anticipated that increased engagement on scientific studies to prepare sufficient scientific bodies of knowledge on the adaptive management provisions of the new biological opinions will be necessary from public water agencies in order to adequately prepare for the 4- and 8-year scientific review of the implementation of the new Biological Opinions. Staff is coordinating with CSAMP/CAMT, as well as Reclamation, NOAA Fisheries and U.S. FWS to determine anticipated annual scientific investments necessary to prepare for the scientific panels.

Authority staff is planning to focus on key areas for the 2021 and future budgets, in order to assist in the development of a more coordinated science strategy between public water agencies and state and federal agencies who fund the scientific enterprise. Specifically, these recommended areas are:

- Technical Support for Authority Engagement in Regulatory Processes
- Delta Smelt Structured Decision Making Scientific Expertise
- Salmon Structured Decision Making Scientific Expertise
- CSAMP/CAMT Support
- Delta Coordination Group Support

Technical Support for Authority Engagement in Regulatory Processes

The Authority has need of additional biological expertise to provide comments and a higher level of engagement with regulatory entities, including the State Water Resources Control Board, NOAA Fisheries, the U.S. Fish and Wildlife Service, California Department of Fish and Wildlife and others. Authority staff has executed master service agreements with 9 consultants for scientific and biological support services for on-demand services centered on the areas of expertise of the respective consultant and staffing availability. Specifically, staff anticipates need for additional technical and science expertise related to engagement in the reconsultation of the long-term biological opinions for the operations of the Central Valley Project and State Water Project, the anticipated listing determination for longfin smelt by the US FWS, the anticipated listing determination and rulemaking process for the foothill yellow legged frog, and others.

Delta Smelt Structured Decision Making Scientific Expertise

Compass Resources, who manages the Delta Smelt Structured Decision Making process, has identified a need for a biologist for biological resource support, including literature searches that would better inform the SDM process. The Authority and the State Water Contractors are jointly funding this expertise.

CSAMP/CAMT Support

The Authority has remained engaged in CSAMP/CAMT and has jointly funded facilitation support, technical support and scientific studies related to management actions associated with project operations.

Delta Coordination Group Support

Authority staff is a member of the Delta Coordination Group (DCG), a group formed pursuant to Reclamation's Proposed Action and the Incidental Take Permit for the Coordinated Operations of the Central Valley Project and State Water Project. The DCG is charged with providing recommendations to Reclamation/DWR pertaining to Summer-Fall Habitat Actions for delta smelt.