

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD OF
DIRECTORS REGULAR MEETING
MINUTES FOR SEPTEMBER 15, 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
Lea Emmons, Alternate for Rick Gilmore

Division 2

Ryan Ferguson, Director
Ara Azhderian, Alternate for Beau Correia

Division 3

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

Division 4

Aaron Baker, Alternate for John Varela
Jeff Cattaneo, Director

Division 5

Bill Pucheu, Director
Tom Birmingham, Director (left during Item 14.d)
Manny Amorelli, Director

Authority Representatives Present

Federico Barajas, Executive Director
Pablo Arroyave, Chief Operating Officer
Rebecca Akroyd, General Counsel
Rebecca Harms, Deputy General Counsel
Scott Petersen, Water Policy Director
Ray Tarka, Director of Finance
Cindy Meyer, Special Programs Manager
Stewart Davis, IT Officer

Others in Attendance

Frances Mizuno, Mizuno Consulting (ZOOM)
Tom Boardman, Westlands Water District (ZOOM)
Dana Jacobson, Valley Water
John Wiersma, Henry Miller Reclamation District
Joyce Machado, San Benito County Water District (ZOOM)
Steve Stadler, San Luis Water District

Vince Lucchesi, Patterson Irrigation District (ZOOM)
 Don Wright, WaterWrights
 Dennis Cardoza, Foley & Lardner, LLP
 Bill Ball, Foley & Lardner
 Justin Gainer
 Mitchell Partovi, The Water Agency
 John Varela, Valley Water (ZOOM)
 Richard Santos, Valley Water (ZOOM)
 Gary Kremen, Valley Water (ZOOM)
 Steve Wittry, San Benito County Water 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 4-6: Board to Consider: a) Draft July 14, 2022 Meeting Minutes b) Acceptance of the Financial & Expenditures Reports, c) Staff Reports.

On a motion of Director Ryan Ferguson, seconded by Director Chris White, the Board accepted the August 4, 2022 Meeting Minutes, Financial Expenditures Reports, Treasurer's Report, and Staff Reports. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Emmons, Ferguson, Azhderian, Diedrich, White, Michael, Ortega, Baker, Cattaneo, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

ACTION ITEMS

5. Agenda Item 7: Board of Directors to Consider Water Resources Committee Recommendation Regarding Authorization to Execute Agreement with Friant Water Authority+ y for Joint Funding of Consultant Services Relating to Phase 3b of the Delta Smelt Structured Decision Making Project.

Water Policy Director Scott Petersen reviewed the documents that were included in the packet. Petersen reported that the Board directed staff to pursue additional federal contractor partners to assist

234

in funding studies associated with the Authority’s Science Program, and in particular, joint state-federal contractor funded work performed through the Collaborative Adaptive Management Team (CAMT) and Collaborative Science and Adaptive Management Program (CSAMP). Petersen reported that as staff worked with the State Water Contractors to develop a coordinated cost share proposal for the advancement of the Phase 3b of the Delta Smelt Structured Decision Making Project, staff also approached the Friant Water Authority (Friant) and Contra Costa Water District to consider becoming cost share partners for the federal contractor share of the project. Petersen reported that the total project cost is \$424,722, with the federal contractor share being \$212,361, of which Contra Costa has executed a cost share agreement with the State Water Contractors for \$30,000, resulting in a remaining share of \$182,361. Petersen reported that staff discussions with Friant have resulted in the proposed cost share agreement for the project, which would have Friant match the Exchange Contractor rate of contribution of 18.89% to the Leg-Ops fund, resulting in a contribution by Friant to the Water Authority in the amount of \$34,448, which will reduce the Authority member agency costs by the same amount.

After a brief discussion, Director Tom Birmingham made the motion, which was seconded by Alternate Director Ara Azhderian, and the Board authorized the execution of the agreement with Friant for joint funding of consultant services relating to Phase 3b of the Delta Smelt Structured Decision Making Project. The vote on the motion was as follows:

- AYES: Weisenberger, Pierce, Emmons, Ferguson, Azhderian, Diedrich, White, Michael, Ortega, Baker, Cattaneo, Pucheu, Birmingham, Amorelli
- NAYS: None
- ABSTENTIONS: None

6. Agenda Item 8: Board of Directors to Consider Authorization to Execute Delta-Mendota Subbasin Sustainable Groundwater Management Act Implementation Grant Special Project Agreement.

Water Policy Director Scott Petersen reviewed the documents that were included in the packet. Petersen reported that the California Department of Water Resources announced the award of a \$7.6 million grant from the SGMA Round 1 Implementation program to the Del Puerto Water District, the applicant on behalf of the 23 Groundwater Sustainability Agencies in the DM Subbasin. Petersen reported that the award includes funds for grant administration expenses, implementation of groundwater recharge projects, the filling of data and monitoring gaps, outreach and engagement, studies and investigations, and GSP Revisions. Petersen reported that water recharge and enhancement activities are projected to add more than 25,000 acre-feet annually in storage, recharge, and water supply reliability to the DM Subbasin once completed. Petersen reported that the Northern and the Central DM Management Committees and the DM Subbasin Coordination Committee directed staff to prepare and submit to the Authority Board a Special Project Agreement to share the costs of the related grant

administration among the recipients, with the cost share to be split among the grant participants proportionally to their relative total of the grant award. Petersen reported that the Special Project Agreement will authorize the Water Authority to collect funds from and disburse funds to participating entities, as well as to administer the grant at the request of the various DM SGMA Committees, consistent with the prior grant administration work coordinated by the Water Authority for the Proposition 68 SGMA Planning Grant for the Delta-Mendota Subbasin.

On a motion of Director Bobby Pierce, seconded by Director Ric Ortega, the Board Authorized execution of the Delta-Mendota Subbasin Sustainable Groundwater Management Act Implementation Grant Special Project Agreement. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Emmons, Ferguson, Azhderian, Diedrich, White, Michael, Ortega, Baker, Cattaneo, Pucheu, Birmingham, Amorelli
NAYS:	None
ABSTENTIONS:	None

REPORT ITEMS

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

Water Policy Director Scott Petersen reported that judicial changes to the 9th Circuit Court of Appeals bench continue, with the Senate confirming Salvador Mendoza to the bench on Monday. Petersen reported that President Biden announced the nomination of Anthony Johnstone for the 9th Circuit Court of Appeals on September 1st.

Petersen reported that Reclamation announced a \$20-million-dollar funding opportunity through the Bipartisan Infrastructure Law for small surface and groundwater storage projects. Petersen reported that funding is available for projects with a water storage capacity between 2,000 and 30,000 acre feet that increase surface water or groundwater storage or convey water directly or indirectly to the storage project. Petersen reported that project sponsors may request up to 25% cost-shared funding for their project's planning, design and/or construction. Petersen reported that Reclamation will host a webinar on Tuesday, Sept. 20, at 1 p.m. MDT to provide more information on this funding opportunity and answer questions. Applications are due to Reclamation on Dec. 9, at 5 p.m. MST.

Petersen reported that the Biden administration announced an expanded \$3.5 billion commitment for pilot projects that could cut carbon emissions from farming, tripling the funding levels announced earlier this year.

Petersen reported that the Biden administration also announced an agreement with thirty-three different states to distribute EV Infrastructure dollars consistent with state plans.

Petersen reported that the Biden administration also outlined all of its requests, or the funding adjustments that it wants to see in a continuing resolution to keep the government open beyond Sept. 30.

238

Dennis Cardoza, and Bill Ball provided additional information on EV Funding, and the Continuing Resolution.

Petersen reported that the California Water Commission's next meeting will be Wednesday, Sept. 21, in Sacramento. Petersen reported that the commission is expected to decide whether it will conduct site visits to Water Storage Investment Program projects prior to the projects final award hearings. Petersen reported that if the commission approves the project visits, it will also determine how those visits will be conducted.

Petersen reported that Governor Newsom signed AB 2449 into law, which pertains to remote access to Brown Act meetings of legislative bodies.

Kristin Olsen provided additional information, including a reference to the recent decision in the *California Water Curtailment Cases*. Director Tom Birmingham posed a question to staff regarding the decision, which was addressed under Agenda Item 18, below.

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

- a. **San Luis Transmission Project (SLTP)** – Executive Director Federico Barajas briefly reviewed the item and then introduced Frances Mizuno to provide background on Golden State Clean Energy's Plan B funding proposal. Mizuno reported that Golden State Clean Energy withdrew their funding proposal, and the project work has stopped. Mizuno reported that Western Area Power Administration sent a letter to Reclamation and the Authority stating that they will not be moving forward with executing the agreements necessary to implement SLTP. Director Bill Diedrich and others thanked Frances Mizuno for her dedication to this project.
- b. **Authority 30th Anniversary**- Executive Director Federico Barajas reported that next month is the Authority's 30-year anniversary. Barajas reported that lunch will be provided after the October 6 Board meeting, and there will be a Special Board Workshop October 12.
- c. **DMC Subsidence Correction Project** – Executive Director Federico Barajas reported that Reclamation completed a Design, Estimating and Construction (DEC) review for this project. effort.
- d. **O'Neill Pumping Plant**– Executive Director Federico Barajas reported that a Value planning review of the O'Neil Pumping Plant is scheduled to take place next week.

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

Chief Operating Officer Pablo Arroyave reported that the contractor for the O'Neill Transformer Rehabilitation Project withdrew their proposal. Arroyave reported that the project will go back out to bid again in December.

Arroyave reported that the Jones Pumping Plant Unit 4 rewind will be completed next week, and that staff will start the reassembly process that will continue into early November, and then performance testing will occur in mid-November. Arroyave reported that the rewind of Unit 3 will begin after the completion of Unit 4 work.

Arroyave reported that once the permit is received for the Mendota Wildlife Area, the Authority will be issuing another contract to treat Hyacinth via helicopter.

Arroyave reported that Reclamation will be holding an Aging Infrastructure Application “lessons learned” session September 29. Arroyave reported that Authority staff will bring initial projects to the Board for review in October, and then in November a resolution will be brought to the Board to authorize application.

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

Westlands Water District’s Tom Boardman reported on current storage conditions at Shasta and noted Reclamation’s projected refill levels for next spring under dry and median conditions. The probability of having a 3rd consecutive Shasta critical year was discussed which included a brief presentation of a chart showing the Shasta unimpaired inflow for the past 100 years. Folsom storage and recent reservoir release operations were also stated.

Current Delta conditions were reported, which included export pumping rates and the pertinent standards limiting pumping. Boardman noted that Jones is projected to operate at 2-3 units into October absent early fall storms.

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

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

Responding to a question from the public, Boardman discussed a coarse analysis that showed the frequency of refilling Shasta to about 3.5 MAF next spring using the past 100 years of unimpaired inflow to Shasta.

II. Agenda Item 13: Committee Reports.

- a. **Water Resources Committee** – Committee Chair Tom Birmingham reported that the committee met and addressed agenda items.
- b. **Finance & Administration Committee** – Board Chair Cannon Michael reported that the committee met and addressed agenda items.
- c. **O&M Committee** – Committee Chair Chris White reported that a meeting is scheduled for October 17, 9:30 a.m.

240

12. Agenda Item 14: Outside Agency/Organization Reports.

a. State and Federal Contractors Water Agency (SFCWA)

No report.

b. Family Farm Alliance (FFA)

Report included in the packet.

c. Farm Water Coalition.

No report.

d. Association of California Water Agencies

General Counsel Rebecca Akroyd briefly reported on ACWA Legal Affairs MCLE events. Speaking as a member of the public, John Varela provided a brief update reporting that Region 5 has an event in Monterey. Varela reported that the ACWA fall conference is in Indian Wells November 29-December 1. Director Tom Birmingham left the meeting during this agenda item.

e. Water Blueprint for the San Joaquin Valley

Water Policy Director Scott Petersen reported that there is a Blueprint Board meeting scheduled September 21, and a large group meeting in Madera on October 21.

f. SJV CAP

Water Policy Director Scott Petersen reported that there are continuing discussions on the CAP term sheet.

G. CVPWA

The CVPWA Finance Committee meeting is tomorrow, September 16.

13. Agenda Item 15: Board Member Reports.

Director William Bourdeau will be speaking at the Orange County Water Summit.

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

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 10:38 a.m. Upon return to open session at approximately 10:46 a.m., Chair Cannon Michael stated that no reportable actions were taken.

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

General Counsel Rebecca Akroyd reported that a request made earlier for analysis regarding the *California Water Curtailment Cases* decision would be treated as made under this agenda item.

16. Agenda Item 19: Adjournment.

The meeting was adjourned at approximately 10:48 a.m.

241

Blank



October 06, 2022

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for September 2022

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 2-3 units for the first 27 days of September. The average rate of pumping for the JPP during this period was approximately 2,381cfs.

Total pumping at the JPP for the first 27 days of September was approximately 127,457 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 6,287 acre-feet, and pumped 66,064 acre-feet during the same period of September. 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 same period of September.

The Federal share in the San Luis Reservoir on the 27 of September was 238,976 acre-feet as compared to 42,730 acre-feet for September 2021.

During the first 27 days of September, releases from Friant Dam ranged from 220 to 273 cfs with zero AF entering the Mendota Pool. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were zero AF for September.

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

Control Operations switching/clearance placements performed this month:

- C-22-JPP-19D JPP Unit 4 annual maintenance / Rewind
- C-22-ON-48 OPP Unit 3 annual maintenance
- C-22-JPP-49 JPP Unit 6 annual maintenance
- C-22-JPP-50 JPP Unit 6 suction elbow maintenance
- C-22-JPP-49A JPP Unit 6 annual maintenance
- C-22-JPP-52 JPP Unit 6 accumulator tank maintenance
- C-22-DCI-53 DCI discharge valve wiring

Plant Maintenance Department

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

Electrical/C&I Staff:

- JPP Unit 6 annual maintenance
- JPP Unit 4 rewind
- 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 6 annual maintenance
- JPP Unit 4 rewind reassembly
- Forklift training
- Sandblast & paint Canal Maintenance spray truck body
- OPP Unit 3 annual maintenance
- OPP Unit 3 stuffing box water supply solenoid replacement

USBR Support Services

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

- DXC rodent baiting assistance
- TFCF boom truck and operator for stoplog installation support

Civil Maintenance Department

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

- Grading of DMC and VWW operating roads
- OPP mechanical maintenance support
- JPP mechanical maintenance support
- Install and paint new handrails on DMC turnout steps
- Fabricate pipe fencing along the DMC
- Repaired roadway gate located at MP 42.50-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
- Prep and paint over graffiti on farm bridges and check structures
- Fill in voids behind liner and erosion repair along the DMC
- New employee Class A driver training
- TFO Drainage Improvement Project

Chz

- San Luis Drain drainage improvements
- Hauled concrete blocks to TFO (safety barriers)
- Installed newly painted bed on the new spray truck
- Shoulder drain inspections along the DMC
- Fabricated new locking devices for the Volta Well (security upgrade)
- Firebaugh wasteway maintenance (beaver dam removal)
- Disassembled pipes at Check 10 and hauled to WSID
- Hauled fuel containments and tanks to WSID from LBFO
- Installed K-rails at MP 93.25 to block public access to the farm bridge
- Grading along Little Salado Creek
- Minor office repairs at LBAO
- Confined Space Class
- 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
- OPP Unit 3 breaker charging coil repair
- TSY UZ11A switchgear building repairs
- 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
- New SCADA office
- OPP SCADA hardware troubleshooting
- OPP Kinney strainer purchase
- OPP Accusonics flowmeter panel upgrades
- Roof access hatch guardrail design for Electric Shop and Canal & Vehicle Maintenance Shop
- TFO transformer MAIN leak monitoring
- DCI cathodic protection system repairs

2022 DMC Pumpback Project

- Finalized plans and documented work completed
- Continued work to get final invoice and final report completed

Land Management Activity Summary

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

- Access permit P2302019 was issued to the Pacific Gas & Electric Company to remove existing pipeline attached to the farm bridge at MP 92.73 on the Delta-Mendota Canal right-of-way.
- Access permit P2302021 was issued to Del Puerto Water District to abandon existing turnout located at MP 40.45-L on the Delta-Mendota Canal.
- Access permit P2302022 was issued to Stanislaus Towing Services allowing them to enter onto the Delta-Mendota Canal right-of-way to remove/recover vehicles.

244

- Access permit P2302024 was issued to Pacific Gas & Electric Company to re-coat existing pipeline adjacent to county bridge located at MP 57.95-R.

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

- Development of Land Management requirements for adjacent developments
- Orestimba Creek Recharge Project
- City of Tracy commercial developments
- City of Patterson – Roger Road developments & Baldwin Ranch comments
- Nees Avenue Bridge replacement
- Santa Nella County WD pipeline crossing review
- I-205 Bridge replacement
- PGE pipeline replacement at MP 92.73

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 – 9-1 Electrical Safety, 9-2 Practice Good Housekeeping, 9-3 Hot Work Safety, 9-4 Roadside Safety
- Provided safety message for September 2022 Newsletter – 9-2022 Caught or Crushed Injuries
- Conducted quarterly safety facility inspection
- Conducted FHECP training for SLDMWA authorized employees and contractors
- Conducted permit required confined space authorized employee training
- Accompanied Merced County Environmental Health inspectors while conducting a hazardous materials inspection at Los Banos Field Office

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
- WAM Manager completed 3-way match testing in NetSuite
- Started advanced procurement software testing in Sandbox (NetSuite)
- Tested and finalized outstanding NetSuite issues, moved to production
- Finalized FY24 department budget
- Completed probationary performance appraisals
- Attended Planet Bids demonstration for solicitation database. Added line item to budget.
- Signed up for free account with “Public Purchase”, a free vendor solicitation database.
- Provided response to legal for public records request
- Contracts/PO Agreements/LOA's Status Update:
 - F22-OPP-059 - OPP Main Transformer Rehabilitation. Rejected all change requests from NASS, resulting in NASS withdrawing bid in August. SLDMWA and BOR staff held strategy meeting and determined to go back out for bid. Staff met with legal to discuss Request for Interest (RFI) and sent finalized RFI to legal for final review. Anticipated post date for RFI is 9/28 with

245

responses due the end of October. Official Request for Proposal (RFP) anticipated release date in January 2023.

- F22-JPP-071- UZ11A Switchgear Bushing Box Replacement - Board approved single source in February. Contract executed in April with project ongoing and awaiting materials. Received update that parts are behind schedule and project will be delayed
- F23-TFO-006 Landscape Maintenance - released Request for Quote (RFQ) to multiple vendors for 3 years (+ two 1 year options to renew) agreement. Resoliciting utilizing new Public Purchase platform.
- Executed amendment and task order change orders for F19-19-011 for engineering services agreement. PO3690.
- Began work on professional services agreement for Corrosion Engineering Services NTE \$24,000
- RFQ sent out for LBFO pesticides
- RFQ sent out for Hyacinth spraying est. amount \$4,194.00
- Issued PO 4171 to Metaltek International for 5 JPP shaft sleeves \$58,939
- Issued Professional Services Contract and PO to Terracon Consultants for Geotech sampling \$22,000
- Issued PO to Water Reclamation Equipment in the amount of \$26,528.44 for labor and materials associated with the pump back project that was canceled.
- Issued PO4295 to Chrisp Company for DMC White Fog Line striping \$13,676.90

Ongoing:

- Purchasing in support of the O&M crews, and maintaining/replenishing warehouse stock
- Warehouse receiving, stocking, and distribution
- Invoicing/vendor bills/vendor credit processing and 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

24/6

- Planning server refresh
- Planning laptop refresh
- Planning upgrading/replacing copiers
- Monitor Symantec Anti-Virus management console
- Security updates on servers
- Monitor firewall
 - Purchased replacement/upgrade firewall to deploy late September 2022
- 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
 - Lares iPhone deployed
- Completed mass hard drive data destruction to DOD standards for e-cycle process
- 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 research, edit and complete for FY24
- Deployed new workstations to OPP
- Repair of failed Avaya phone system in Tracy
- Assist SCADA department with developing 10-year EO&M budget
- Closed Ring Central account
- Research and updates to O&M FY24 Budget for IT (5110)
- Deploy 3 laptops to Electric Shop
- Troubleshoot Email autodiscover issues after WEB site move
 - Purchased and installed new security certificate
- Created common “Accounts Payable” email
- Started Darktrace evaluation for Cyber Security monitoring
- Supplied data access to Legal Department for PRA
- Terminated data lines in new SCADA office
- Assist SCADA team in research of fiber to DWR California Aqueduct Check 12
- Support of Water Operations iPads and new app deployments via MDM
- Initial meet and greet with Tyler technologies regarding Cyber Security support
- Research & plan AV requirements for 30 Year Anniversary celebration

HR Department

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

General Administrative Activities:

- Active Recruitments:
 - Hydro Electric Electrician, Tracy (continued recruitment)
 - Apprentice Electrician, Tracy (internal recruitment)
 - Apprentice Plant Mechanic, Tracy (internal recruitment)
 - Control Operator, Tracy
 - Contract Specialist, Tracy
- Closed Recruitments:
 - Mechanical (Plant) Engineer, Tracy (candidate selected)
 - Relief Control Operator, Tracy (candidate selected)
- Budget preparation
- Preparation for 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:

- VETS 4212 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 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 will be removing the existing pipeline from the bridge and HDD install a new pipeline under the canal. Final plans have been completed by PG&E and SLDMWA has issued an Access Permit. PG&E's contractor is scheduled to mobilize October 3rd to begin installation. Once the new line is installed, the old pipeline will be removed from the MP92.73 bridge. The project is scheduled to conclude in November 2022. SLDMWA will be performing erosion and liner repairs under the bridge abutment once PG&E demobilizes as weather permits. SLDMWA is planning for the repairs to occur in early 2023 and is currently submitting for a project budget amendment incorporating updated design level estimates. The bridge was recently closed due to safety concerns and will remain 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 Administrative Draft of the EA/IS, and Feasibility Study and both SLDMWA and USBR provided numerous comments. CDM has held coordination meetings with commenters and is progressing the EA/IS and Feasibility Study to the 2nd Admin Draft Level. 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, SLDMWA continues to provide information as requested. CDM is conducting an Ability To Pay (ATP) analysis and has identified a number of member districts to study. A request for member information will be solicited in the coming weeks. SLDMWA is currently coordinating with USBR and the geotechnical consultant, Terracon, in developing an updated schedule and budget including the DEC recommended investigations.

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 is scheduled in October.

249

EXTRAORDINARY O&M & CAPITAL PROJECTS

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.

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.

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

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 allows NEC to purchase the materials to manufacture the stator laminations. Production of laminations is scheduled to start in October.

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 cancellation for the outage (9/7 – 9/28) was sent to CVO and WAPA. The repairs and system outage is tentatively rescheduled for April 2023.

EXTRAORDINARY O&M & CAPITAL PROJECTS

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 formally solicit. Construction is tentatively scheduled to occur in Spring 2023.

O'NEILL PUMPING/GENERATING PLANT (OPP)

Main Transformers Rehabilitation/Replacement

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

SLDMWA formerly solicited for the rehabilitation of the transformers in March and received one proposal. SLDMWA and Reclamation worked closely to review the initial proposal and obtained Board approval in August to award the contract pending a satisfactorily revised proposal score and successful negotiations with the contractor. Ultimately, the contractor was unable to resolve the issues with the proposal and opted to withdraw their proposal on June 8. After accepting the withdrawal of the proposal, SLDMWA regrouped and evaluated the lessons learned and is now taking a more proactive approach to attract greater contractor interest that should lead to additional proposals. A formal request for Letters of Interest will be issued in October notifying Contractors of the upcoming Request for Proposal (RFP). 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.

251

EXTRAORDINARY O&M & CAPITAL PROJECTS

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 and 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.

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. 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 construction by SLDMWA staff began on July 26th.

MULTIPLE FACILITIES

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

Status: The Analysis will be conducted by Reclamation TSC through a LOA. The onsite survey was completed this month and 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

EXTRAORDINARY O&M & CAPITAL PROJECTS

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.



STAFF MEMORANDUM

TO: Board Members and Alternates

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

DATE: October 6, 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

255

	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

Blank