

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY BOARD OF
DIRECTORS REGULAR MEETING
MINUTES APRIL 6, 2023

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

Directors and Alternate Directors in Attendance

Division 1

- Dave Weisenberger, Director
- Bobby Pierce, Director
- Anthea Hansen, Director
- Ed Pattison, Director - Lea Emmons, Alternate

Division 2

- Ross Franson, Director
- William Bourdeau, Director
- Beau Correia, Director - Ara Azhderian, Alternate

Division 3

- Chris White, Alternate for Dan McCurdy
- Jarrett Martin, Director
- Cannon Michael, Director
- Ellen Wehr, Alternate for Rick Gilmore

Division 4

- John Varela, Director - Aaron Baker, Alternate
- Jim Beall, Alternate for Richard Santos
- Steve Wittry, Director
- Joe Tonascia, Director - Joyce Machado, Alternate

Division 5

- Bill Pucheu, Director
- 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
- Bob Martin, Facilities O&M Director (via ZOOM)
- Cindy Meyer, Special Programs Manager (via ZOOM)
- Stewart Davis, IT Officer

Others in Attendance

- Mike Wade, Farm Water Coalition (via ZOOM)
- Dana Jacobson, Valley Water

Vince Gin, Valley Water
Chase Hurley, Pacheco Water District
Dennis Cardoza, Foley & Lardner, LLP (via ZOOM)
Bill Ball, Foley, Foley & Lardner, LLP (via ZOOM)
Kristin Olsen, Calstrat (via ZOOM)
Kevin Assemi, Westlands Water District
Russ Freeman, Westlands Water District (via ZOOM)
Steve Stadler, San Luis Water District
Sarah Woolf, Water Wise

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.

Item 17 was moved up to Item 4.

3. Opportunity for Public Comment

No public comment.

4. Agenda Item 17: Board Member Reports

Alternate Director Ara Azhderian announced that he was leaving Panoche Water District for a new position with Monterey County Water Resources Agency beginning April 24, 2023, and was thanked for his service.

CONSENT ITEMS

5. Agenda Items 4-6: Board to Consider: a) March 9, 2023 Meeting Minutes, b) Acceptance of the Financial & Expenditures Reports, c) Staff Reports.

On a motion of Director Joe Tonascia, seconded by Director William Bourdeau, the Board accepted the March 9, 2023 Meeting Minutes, Financial Expenditures Reports, and Staff Reports. The vote on the motion was as follows:

AYES: Weisenberger, Pierce, Hansen, Pattison, Franson, Bourdeau, Correia, White, Jarrett Martin, Michael, Wehr, Varela, Beall, Wittry, Tonascia, Pucheu, Amorelli
NAYS: None
ABSTENTIONS: None

ACTION ITEMS

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6. Agenda Item 7: Board of Directors to Consider Water Resources Committee Regarding Adoption of Staff Recommendation for Positions on the following Legislation:

- a. SB 366 (Caballero), The California Water Plan: long-term supply targets
- b. AB 422 (Alanis), Natural Resources Agency: statewide water storage tracking
- c. AB 557 (Hart), Open meetings: local agencies: teleconferences
- d. AB 735 (Berman), Workforce development: utility careers
- e. AB 460 (Bauer-Kahan), State Water Resources Control Board: interim relief
- f. AB 676 (Bennett), Water: general state policy
- g. AB 1337 (Wicks), State Water Resources Control Board: water shortage enforcement
- h. SB 389 (Allen), State Water Resources Control Board: determination of water right

On a motion of Alternate Director Chris White, seconded by Director John Varela, the Board adopted the staff-recommended support and favor positions on legislation (SB 366 - Support, AB 422, 735, 557 - Favor). The vote on the motion was as follows:

AYES: Weisenberger, Pierce, Hansen, Pattison, Franson, Bourdeau, Correia, White, Jarrett Martin, Michael, Wehr, Varela, Beall, Wittry, Tonascia, Pucheu, Amorelli

NAYS: None

ABSTENTIONS: None

On a motion of Alternate Director Chris White, seconded by Director John Varela, the Board adopted the staff-recommended oppose positions on legislation (AB 460, 676, 1337, SB 389 - Oppose). The vote on the motion was as follows:

AYES: Weisenberger, Pierce, Hansen, Pattison, Franson, Bourdeau, Correia, White, Jarrett Martin, Michael, Wehr, Varela, Wittry, Tonascia, Pucheu, Amorelli

NAYS: None

ABSTENTIONS: Beall

7. Agenda Item 8: Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Ratification of Purchase of Front End Loader and Related Expenditure of \$217,662 from FY24 EO&M Budget.

Chief Operating Officer Pablo Arroyave reported that the Fiscal Year 2024 EO&M Budget adopted by the Authority Board of Directors in January 2023 includes funds (\$231,750) for the purchase of a front end loader. Arroyave reported that staff utilized cooperative purchasing agreement procurement through Sourcewell to obtain quotes from John Deere (\$217,662) and Caterpillar (\$247,336). Arroyave reported that all Sourcewell contracts have been previously competitively solicited. Arroyave reported that the John

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Deere product was chosen because it met all of the requirements of the Authority and was priced lower than the Caterpillar option.

On a motion of Director John Varela, seconded by Alternate Director Bill Pucheu, the Board approved ratification of purchase of Front End Loader and related expenditure of \$217,662 from FY24 EO&M Budget. The vote on the motion was as follows:

- AYES: Weisenberger, Pierce, Hansen, Pattison, Franson, Bourdeau, Correia, White, Jarrett Martin, Michael, Wehr, Varela, Beall, Wittry, Tonascia, Pucheu, Amorelli
- NAYS: None
- ABSTENTIONS: None

8. Agenda Item 9: Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Authorization to Purchase of Dump Truck and Related Expenditure of Up To \$230,000 from EO&M Budgets.

Chief Operating Officer Pablo Arroyave reported that the acquisition of heavy equipment and vehicles for the Authority has become increasingly difficult due to supply chain issues and the prices of equipment have increased between 20% to 30%. Arroyave reported that during FY23, Authority staff made several attempts to enter into a contract with vendors for the purchase of a dump truck, however, staff was advised on several occasions that there was no availability due to supply chain issues. Arroyave reported that in March 2023, one of the Authority’s regular vendors notified staff that they had a model year 2024 dump truck available with government pricing discounts; the total price is approximately \$227,000, which is approximately \$42,000 (23%) over the projected and budgeted cost of \$185,000. Arroyave reported that although the anticipated expenditure represents an increase of \$42,000 over the budgeted line item, there will be no impact to the overall FY24 EO&M budget. Arroyave reported that the increase will be paid for using unused EO&M funds collected for heavy equipment and vehicle purchases over the last 3 fiscal years. Staff responded to questions regarding used versus new equipment purchases and EO&M funds.

On a motion of Director Anthea Hansen, seconded by Director Dave Weisenberger, the Board authorized purchase of Dump Truck and related expenditure of Up To \$230,000 from EO&M budgets with an amendment to search for a used dump truck if possible. The vote on the motion was as follows:

- AYES: Weisenberger, Pierce, Hansen, Pattison, Franson, Bourdeau, White, Jarrett Martin, Michael, Wehr, Varela, Beall, Wittry, Tonascia, Pucheu, Amorelli
- NAYS: Correia
- ABSTENTIONS: None

9. Item 10: Board of Directors to Consider Finance & Administration Committee Recommendation Regarding Second Adjustment to Water Year 2023 OM&R Water Rates.

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Executive Director Federico Barajas reviewed the memo included in the packet. Barajas reported that on March 28, Reclamation increased allocations to agricultural contractors from 35% to 80%. Barajas reported that since this was a significant increase, staff presented two options to the Finance & Administration Committee and the Committee is recommending approval of second adjustment to Water Year 2023 OM&R Water Rates using the 80% Ag allocation. Finance Director Ray Tarka reviewed the second revised WY2023 OM&R water rates as calculated on the 80% Ag allocation, 100% M&I allocation applied retroactively to deliveries made on or after March 1, 2023. Barajas noted that the anticipated Ag increase in April would not have a drastic impact on water rates.

On a motion of Director William Bourdeau, seconded by Director Beau Correia, the Board approved the second adjustment to the OM&R Water Rates. The vote on the motion was as follows:

AYES:	Weisenberger, Pierce, Hansen, Pattison, Franson, Bourdeau, Correia, White, Jarrett Martin, Michael, Wehr, Varela, Beall, Wittry, Tonascia, Pucheu, Amorelli
NAYS:	None
ABSTENTIONS:	None

REPORT ITEMS

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

Water Policy Director Scott Petersen reported that staff is currently working on the development of a second education and advocacy trip to Washington, DC, and are targeting June for this trip. Petersen reported that the Authority is planning to incorporate member agencies in this trip and please reach out if your agency is interested in coordinating/participating for this trip.

Petersen reported that President Joe Biden last month released his FY 2024 \$6.9 trillion budget request that seeks a 3.3% increase in defense spending and a 6.5% increase for nondefense discretionary programs, requesting increases for most major departments and agencies. Petersen reported that Reclamation has requested a \$1.7 billion budget for FY 2024. Petersen reported that Reclamation's budget request includes \$200.3 million to fund long-term, comprehensive water supply solutions for farmers, families, and communities in California.

Petersen reported that the Biden Administration sent a proposed rule determining how federal agencies manage the ESA, from listing decisions to critical habitat designations, to the White House Office of Information and Regulatory Affairs for their review last month.

Petersen reported FWS recently published a proposed rule on Endangered and Threatened Wildlife and Plants; Enhancement of Survival and Incidental Take Permits. Petersen reported that the intent is to promote species conservation through voluntary agreements and make the process clearer, easier and more efficient. Petersen reported that comments are due April 10, and Authority staff worked in coordination with external stakeholders through coalitions to ensure that member agency interests

were incorporated.

Petersen reported that on March 28, the House Subcommittee on Water, Wildlife and Fisheries held an oversight hearing titled, "Why We Need to Store More Water and what's stopping us?", with the Authority's Vice Chair William Bourdeau providing testimony related to multi-purpose water managed and the necessity of water storage and conveyance in increasing resilience to the cycles of drought and flooding that Authority members have experienced. Petersen thanked Vice Chair Bourdeau for making himself available on short notice and also provide thanks to Westlands for their work assisting with testimony preparation and ongoing coordination.

Petersen reported that there will be a field legislative hearing at the Tulare World Ag Expo at 2:00 p.m. on April 11, 2023 on H.R. 215, the Water for California Act, and H.R. 872, the FISH Act.

Petersen reported that Appropriations hearings have begun with the release of the President's budget request. Petersen reported that Community Project Funding (earmark) and programmatic funding and language requests have predominantly closed. Petersen reported that staff worked with our partners and the Authority delegation to put a few pieces in play related to canal subsidence correction funding, as well as coordinating with various member agencies on community project funding requests.

Bill Ball provided additional information on federal affairs.

Petersen reported that Jay Ziegler was announced as the new Delta Watermaster, and began his new position on April 3, 2023.

Petersen reported that California tax withholdings took another hit in March, falling \$450 million short of the Department of Finance's January budget forecast, and are now \$2.2 billion below projections since January, according to numbers analyzed by the Legislative Analyst's Office Tuesday.

Petersen reported that on April 4, the SWRCB announced that all orders imposing water right curtailment and reporting requirements issued pursuant to the emergency curtailment and reporting regulation for the Sacramento-San Joaquin Delta watershed are rescinded.

Petersen reported that last week, the Department of Water Resources held a workshop on the California Water Plan Update 2023. Petersen reported that the March 29 workshop provided a public forum on the draft chapter content for Update 2023. Petersen reported that the posted materials include a workbook with summaries of each chapter. Petersen reported that comments on the draft chapter content can be emailed to the California Water Plan team through Wednesday, April 12.

Petersen reported that the State Legislature's policy committees are now in full swing taking up the more than 2,600 bills introduced in 2023. Petersen reported that Authority staff and consultants continue to analyze, track, and educate policymakers about legislation.

Kristin Olsen provided additional information on state affairs.

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

- a. ACWA/JPIA- Executive Director Federico Barajas reported that there will not be an

ACWA/JPIA refund check this year, and that a memo from the JPIA is included in the packet with more information.

- b. **Strategic Plan Update** – Executive Director Federico Barajas reminded Board members to make sure to schedule their interviews with Martin Rauch before the upcoming Strategic Plan Workshop later this month.
- c. **Rate Setting Discussion** – Executive Director Federico Barajas reported that minimum participation discussions are continuing to occur during the Finance & Administration Committee meetings.
- d. **New Board Member Tour** – Executive Director Federico Barajas reported that staff is coordinating a new board member tour in the coming weeks.

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

Chief Operating Officer Pablo Arroyave reported staff continues to work with our upper DMC partners to reduce, and hopefully eliminate sending any additional water into the Mendota Pool.

Arroyave reported that the last Jones Pumping Plant rewind is expected to be completed by July 8, 2023.

Arroyave reported that on Tuesday the Authority hosted Arvin-Edison on a tour of the pumping plants.

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

Chief Operating Officer Pablo Arroyave introduced Liz Kiteck from the Central Valley Operations Office (CVO) of the Bureau of Reclamation to provide an overview of CVP water operations and the latest forecasts. Kiteck stated that despite low storage levels at Trinity Reservoir, the water year type per the Trinity Record of Decision is trending above normal to wet. Based on recent inflow, it now appears Shasta Reservoir will get close to filling and American River releases are holding steady at 7,000 cfs. With the continuation of strong storms throughout March, snowpack remains extremely high throughout the state. Specifically, March precipitation was 200% of normal in the northern Sierra, 240% of normal in the central Sierra and 300% of normal in the southern Sierra. Kiteck further reported that New Melones Reservoir is expected to approach 2MAF of storage and San Luis reservoir is full as of today. JPP is at 2-units and will be adjusted as needed to meet upper DMC demands and to keep San Luis Reservoir full as long as possible, which is expected to be possibly throughout May. Kiteck does not see any temperature concerns either in the Sacramento or American Rivers and sees no need for temperature-based flow restrictions. Lastly, Kiteck stated that updated allocations and forecasts were expected before the end of April.

14. **Agenda Item 15: Committee Reports.**

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

15. **Agenda Item 16: Outside Agency/Organization Reports.**

- a. **State and Federal Contractors Water Agency (SFCWA)** – Executive Director Federico Barajas reported that the next SFCWA meeting has been postponed from April to June 2023. Barajas reported that the Authority is looking for an additional SFCWA representative.
- b. **Family Farm Alliance (FFA)** – Report included in the packet.
- c. **Farm Water Coalition** – Mike Wade reported that they are taking part in an ACWA Water Rights Legislation Workgroup, and discussed the “California Water For All” campaign.
- d. **Association of California Water Agencies** – Director John Varela reported that the DEI Foundation has been formed. Director Jim Beall provide a brief update on an apprenticeship scheme.
- e. **Water Blueprint for the San Joaquin Valley (WBSJV)** - Water Policy Director Scott Petersen reported that the Blueprint Board met on February 15, 2023, approving the execution of a contract with the Hallmark Group for association management services and authorizing the Communications Committee to work with the Advocacy Committee to develop a Communications Plan to guide communications for the organization.
- f. **SJV CAP** - Water Policy Director Scott Petersen reported that on April 4, 2023, around 30 members of CAP participated in a tour of various projects on the west side of the Valley, hearing from various representatives about the importance of multi-agency collaboration, the interactions between surface and groundwater storage and why both are necessary components of solutions to address groundwater overdraft for this region, and about the distinct geological differences between the west side and other portions of the Valley. Petersen expressed special appreciation to the Exchange Contractors, Grasslands, San Luis and Del Puerto Water Districts, and Bowles Farming for their participation at various stops along the tour.
- g. **CVPWA** – Director Anthea Hansen reported that CVPWA sent a formal letter to the Regional Director requesting reengagement on reconciliation of CVPIA activity funds. Hansen reported they held a workshop with the Regional Director present on March 22, 2023.

16. **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 11:03 a.m. Upon return to open session at approximately 11:59 a.m., Chair Cannon Michael stated that no reportable actions were taken.

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

No report.

18. **Agenda Item 21: Adjournment.**

The meeting was adjourned at approximately 12:00 p.m.

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SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
SPECIAL WORKSHOP OF THE BOARD OF
DIRECTORS MEETING MINUTES FOR APRIL 17, 2023

The Special Workshop of the Board of Directors convened at approximately 9:00 a.m. at Hotel Mission D Oro, 13070 State Hwy 33, Santa Nella, California with Chair Cannon Michael presiding.

Board of Directors and Alternate Directors Present

Division 1

- Dave Weisenberger, Director
- Anthea Hansen, Director
- Ed Pattison, Director - Lea Emmons, Alternate

Division 2

- Ross Franson, Director
- William Bourdeau, Director
- Bill Diedrich, Director

Division 3

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

Division 4

- Richard Santos, Director
- Steve Wittry, Director - Doug Williams, Alternate
- Joe Tonascia, Director - Joyce Machado, Alternate

Division 5

- Kirk Teixeira, Director
- 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
- Rebecca Harms, Deputy General Counsel
- Laures Stiles, Director of H.R.
- Bob Martin, Facilities O&M Director
- Cheri Worthy, Executive Secretary

Others in Attendance

- Martin Rauch, Rauch Communication Consultants Inc.
- Steve Stadler, San Luis Water District
- Vince Gin, Valley Water
- Dana Jacobson, Valley Water

1. **Call to Order/Roll Call**

The meeting was called to order by Chair Cannon Michael at approximately 9:00 am.

2. **Corrections to the Agenda**

No corrections.

3. **Opportunity for Public Comment**

No public comment.

REPORT ITEMS

4. **Discussion regarding Strategic Plan Update**

a. **Review of 2019 Strategic Plan, Implementation** – Executive Director Federico Barajas reviewed the memo from March 9, 2023 Workshop regarding the Strategic Plan Implementation Progress.

b. **Discuss Strategic Plan Updates** – Martin Rauch reviewed the process for developing an updated Strategic Plan and the agenda for the workshop. Rauch reported that the two main purposes of today’s workshop are: 1) establish continuity with 2019 Strategic Plan as a starting place, and 2) develop a shared understanding of strategic issues facing the Authority currently and in coming years. Rauch then reviewed guidelines for the workshop.

Following review of the process, Rauch guided the workshop participants through small group and large group exercises in which participants discussed and evaluated issues and challenges facing the Authority today and in coming years.

c. **Overall Process and Next Steps** – Executive Director Federico Barajas reported that a total of three workshops are planned for the Strategic Plan update process. Barajas reported that the information gathered today, information from the interviews, and the Authority’s mission, vision, and values will be compiled and organized for the next workshop. Barajas also reported that an ad hoc committee will review the information before the next workshop. Barajas reported that the next workshop will be May or June.

5. **Executive Director’s Report, Barajas**

Executive Director Federico Barajas reported that BIL funding in the amounts of \$25 million for Jones Pumping Plant and \$25 million for the DMC have been made available. Barajas reported that Chief Operating Officer Pablo Arroyave is coordinating with the Reclamation on the type of agreement needed, and next steps.

Barajas reported that the state legislative visits last week were very successful. Water Policy

Director Scott Petersen summarized items discussed during the visits.

6. **Closed Session Report.**

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 12:48 p.m. Upon return to open session at approximately 12:52 p.m., Chair Cannon Michael stated that no reportable actions were taken.

7. **Reports Pursuant to Government Code Section 54954.2(a)(3).**

No reports.

8. **Adjournment.**

The meeting was adjourned at approximately 12:53 p.m.

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May 4, 2023

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for April 2023

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 1-4 units for the first 25 days of April. The average rate of pumping for the JPP was 2,056 cfs, for the first 25 days of April.

Total pumping at the JPP for the first 25 days of April was 101,936 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 0 acre-feet, and pumped 95,265 acre-feet during the same period. A total of 91 acre-feet was pumped at the Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) and 0 acre-feet was reversed from the California Aqueduct to the DMC for the first 25 days of April.

The Federal share in the San Luis Reservoir as of April 25th was 961,076 acre-feet as compared to 356,990 acre-feet for the end of April 2022.

During the first 25 days of April, releases from Friant Dam ranged from 8,294 to 9,193 cfs with 41,623 acre-feet entering the Mendota Pool during that period. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 14,876 acre-feet for the first 25 days of April. During the first 25 days of April, an additional 207,179 acre-feet of Kings River water entered the Mendota Pool via the James Bypass.

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

Control Operations switching/clearance placements performed this month:

- C-22-JP-91 JPP Unit 3 Rewind/annual maintenance
- C-23-JP-16 JPP Unit 1 annual maintenance
- C-23-JP-16A JPP Unit 1 annual maintenance
- C-23-JP-17 JPP Unit 1 suction elbow repair
- C-23-ON-18 OPP Unit 1 annual maintenance
- C-23-DCI-21 DCI Cathodic protection system improvement
- C-23-DCI-21A DCI Cathodic protection system improvement erosion repair
- C-23-DM-22 DMC pipe leak repair at Milepost 43.22-L

Plant Maintenance Department

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

Electrical/C&I Staff:

- JPP Unit 1 annual maintenance
- 13.8KV Building monthly PM
- Tracy Switchyard lighting inspection PM
- Water Treatment Plant test and inspection PM
- TFO Warehouse HVAC PM
- JPP Unit 1 pump electrical test and inspection PM
- JPP Unit 1 motor maintenance PM
- JPP Unit 1 13.8KV breaker F1(122) PM
- Tracy UPS battery test and inspection
- JPP Station service battery test and inspection PM
- Control Room Conference Room Improvements
- DMC Check 11 Block house alarm malfunction investigation and repair
- DMC Checks 10-21 electrical equipment PM
- OPP Unit 1 annual maintenance; megger, testing and electrical inspections
- OPP Unit 1 annual maintenance; relays, RTD's and metering calibrations
- OPP Unit 4 cooling water motor replacement
- OPP Station service dry transformer PM
- OPP Units 1-6 annunciator testing with Control Room
- OPP Station service battery PM
- OPP Station service battery charger PM
- OPP cathodic protection system PM
- OPP annunciator panel PM
- OPP North and South security gate PM's
- OPP security system (Light Post) PM
- OPP LP compressed air systems PM
- OPP PLC cabinet and terminal block cleaning, investigation, and maintenance
- OPP emergency lighting PM

Mechanical Staff:

- JPP Unit 3 Rewind support
- JPP Unit 1 annual maintenance
- JPP Unit 1 cooling water maintenance
- JPP CO2 inspection PM
- JPP toilet repair
- JPP leaking roof hatch repair
- JPP Unit 3 coolers repairs
- Repaired Tracy Warehouse roll up door
- JPP trashrake PM
- JPP cleanup PM
- JPP 100-ton bridge crane/hoist PM
- JPP 21-ton bridge crane/hoist PM
- DMC checks 14-21 PM's
- DMC check 5 gate 3 troubleshoot and repair

- DMC radial gate test and inspection PM
- OPP domestic water system back wash valve replacement
- OPP Unit 4 cooling water motor replacement
- OPP sewage system test and inspection PM
- OPP siphon breaker/penstock fresh air blower rehab
- OPP Unit 1 annual maintenance; bearings, packing, filters, cooling water pump
- OPP Plant PM's
- OPP Plant checks and back wash filters
- OPP trashrack cleaning

USBR Support Services

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

- Hyacinth Pit lower road repairs

Civil Maintenance Department

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

- Grading of DMC unpaved roads
- Paint check 20 blockhouse due to vandalism
- Grading of San Luis Drain roads
- San Luis Drain erosion repairs
- DMC turnout maintenance and repair PM
- Haul material to DMC for Intake Channel erosion repairs
- Inspect roof on Water Treatment Plant Building
- 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
- San Luis Drain check structure maintenance and repairs
- Remodeled Control Building Conference Room
- TFO entry gate sign repair
- Repaired the upstream staff gauge at Check 10
- Road grading of USBR Hyacinth pit roads
- Cleaned the meter well at MP 62.08-R
- Test can maintenance at MP 48.60
- Fabricate handrails along the DMC
- Painted graffiti along the DMC
- DMC pot hole and road repair
- Hauled aggregate to OPP (prep work)
- DMC erosion inspection and repair from Check 16 to 17
- Blew out turnouts along the DMC
- TFO yard maintenance
- LBFO yard maintenance
- Inspect landscape and irrigation systems at USBR and TFO
- Assist JPP crew with Unit 3 Rewind work
- Turnout pipe leak repair at MP 43.22-L
- DCI cathodic protection system improvement

Engineering Department

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

- Data management of well readings and creation of Warren Act hydrographs
- DCI U3 & U4 SCADA development
- OPP SCADA user station development
- JPP OPERATOR2 server replacement
- DCI cathodic protection system improvement
- TFO & JPP electrical preventive maintenance program
- 41.93 bridge erosion, bridge use & ownership research
- Sink hole inspection and investigation at MP 56.18R
- Stormwater ponding investigation at DMC intake channel embankment.
- Stormwater ponding investigation at DMC MP 10.78- 11.04 R.
- Intake channel erosion repair at MP 1.28
- SPCC Plan for TFO
- Support to Electric Shop with replacement of bus duct cooling fan in building UZ6A
- Contracting repair to JU-3 lower guide bearing and spare lower guide bearing with Kingsbury
- OPP Unit 1 ramp test
- Participation in USBR Quarterly Meeting

Land Management Activity Summary

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

- Access permit P2402004 was issued to Del Puerto Water District to remove and re-install existing motor and pump servicing the turnout at Milepost 58.73-R
- Access permit P2402005 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 62.06-L

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

- Orestimba Creek Recharge Project
- City of Patterson – Rogers Road bridge replacement
- City of Tracy – Lammers Road bridge Replacement

Safety Department

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support for the crews
- Sent out Weekly Safety Tailgate Topics
 - 4-1-2023 Distracted Driving
 - 4-2-2023 Office Safety
 - 4-3-2023 Back Safety
 - 4-4-2023 Hand Safety
- Provided Safety Message for April 2023 Water Authority newsletter
- Provided Facility Hazardous Energy Program training
- Conducted Fall Protection - Harness Safety Inspections
- Arranged for hazardous waste pickup at OPP & TFO

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- Scheduled annual hearing tests for employees
- Completed Alameda County CUPA inspection report issues

Procurement and Work & Asset Management Department

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

- Continuous staff training and support for newer employees
- Finalized annual sales tax report submitted to Accounting Department
- Finalized new NetSuite Requisition and Drag and Drop Attachment SOP's
- Resolved various invoice issues and disputes
- Closed out several pending NetSuite tickets for various issues
- Contracts/PO Agreements/LOA's Status Update:
 - F22-OPP-059 - OPP Main Transformer Rehabilitation – Evaluations completed and Notice of Intent issued. Will submit to Board for approval 5/4/23
 - F23-TFO-013, Landscape Maintenance – Contract executed 4/18/23 with effective date 5/1/23
 - Issued PO5158 for A/C unit replacement in Control Room - \$17,926.96
 - F23-TFF-017- Tension Arm Repairs - Contract executed 4/12/23, start date pending funding from USBR
 - F24-ALL-Confined Space Rescue Training Services – Executed agreement 4/17/23 - \$10,975.00
 - Started work on Amendment 1 for F22-DMC-065, Not to Exceed \$33,779.92 (Board approval not required)
 - F24-OPP-003- Plant Water Storage Tank Rehab - Pre-solicitation phase
 - F24-TFO-001 – Seal Coat Project – Pre-solicitation phase

Ongoing:

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

Information Technology Department

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

- NetSuite
 - User and administration
 - Bi-Weekly Implementation Team meetings
 - Monitor FTC support activities for Netsuite
 - Resolved bundle error
- Assisted with monthly FAC, WRC and BOD meetings with Zoom
- Desktop support calls
- Server refresh hardware order placed
 - Configured New Servers
 - AD1, AD2, AD3, File1, File2, VMS
 - Installed 300va UPS to LBAO server rack
- Monitor Symantec Anti-Virus Management Console
- Security updates on servers
- Monitor Firewall
- Update additional AV security settings
- Multi Factor Authentication vendor SurePassID
 - Virtual server installed and testing in progress
- Cyber Security Incidence Response Plan
- Disaster Recovery Plan
- Business Continuity Plan
- Cyber Security Team
- MDM IBM (MAAS360) monitoring
- Review InfraGard dispatches – FBI Cyber Security group
- Cyber Security training and webinars
- Monitoring Darktrace Cyber Security appliance in IT network
 - Installed into SCADA network
- WAM Servers, prepping for redeployment
- Troubleshoot ongoing Email auto-discover issues
- Support of Water Operations iPads and new app deployments via MDM
- Create deployment packages for Office 2021 and deployment
 - Ongoing
- Research of gate control and request quote from vendor
 - Ongoing
- Re-organized computer racks and cabling for new servers
 - Ongoing
- Continued conversation with DWR regarding use of fiber from a 1992 contract agreement
- Document management: Initial meetings with potential vendors, one demo completed
- Logistical and technical support provided to Trofholz, new site security installation vendor hired by BOR

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HR Department

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

General Administrative Activities:

- Active recruitments:
 - Mechanical Engineer, Tracy (continued recruitment)
 - Accountant II, Los Banos (continued recruitment)
 - Control Operator (continued recruitment)
- Closed recruitments:
 - HR Analyst II, Los Banos (interviews scheduled)
- Candidates selected:
 - Heavy Equipment Operator, Tracy
- ADA accommodation
- Skills testing
- New hire orientations
- Performance appraisal tracking
 - On-going

Trainings:

- Cyber Security Training tracking (all staff)
- Sexual Harassment Prevention Training tracking (all staff)
- Defensive Driving Training tracking (all staff)
- Ethics Training tracking (executive staff)

Government Reporting:

- Affirmative Action, OFCCP
- EEOC reporting

Ongoing:

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

EXTRAORDINARY O&M & CAPITAL PROJECTS

DELTA-MENDOTA CANAL (DMC)

Bridge Abutment Repair at MP 92.73 (FY21)

Status: PG&E has completed the relocation of the 6-inch gas transmission line that crosses under the MP 92.73 bridge serving the City of Dos Palos. In the process of removing the pipeline from the bridge, PG&E's contractor damaged the concrete stem wall. Staff performed a visual inspection with PG&E inspectors and contractor and determined that the damage is within SLDMWA's capabilities for repair. PG&E has agreed to reimburse SLDMWA the full cost of the repair which is currently scheduled to be completed with the erosion repair. Scheduling for the erosion and liner repairs under the bridge abutment was planned for Spring 2023, however; there is a discussion of a planned Mendota Pool Dewatering which will allow SLDMWA to perform the repair in the dry. This will save SLDMWA money and time for construction and allow us to repair an adjacent site. Further discussions to occur. In the meantime 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 and is managing the \$2.4M CDM Smith Feasibility Study contract, and the \$2.7M Terracon Geotechnical contract. The Feasibility Report is expected to be completed in approximately one year, with certain environmental permitting extending longer as needed. The Final Draft Report has been scheduled to be completed by September 2023. Progress this month consisted of addressing public comments to the EA/IS and finalizing the next round of project reports. The 2nd Administration Draft of the Feasibility Study is being updated with a final backcheck prior to release to USBR for Policy Review. A contract amendment is being sought to include CESA compliance permitting to ensure that SLDMWA may be able to award potential future contracts to support the Project. Terracon was awarded the Contract Amendment to complete the final Geotechnical Investigation Phases 2 & 3 in December 2022 and has completed 92% of the CPT's and 64% of the drill holes. SLDMWA staff is working with Reclamation on a new Cooperative Agreement that will bring in an additional \$3M from Reclamation that will be utilized to reimburse the Terracon contract costs.

Numerous design data collection efforts have been coordinated and continue to be discussed as time and weather permits. Completed data collection efforts consist of: concrete core sampling of check structures; inspection and limits of gate operations of check structures and upcoming efforts consist of field surveys of the DMC and bridges; lower DMC liner inspection; underwater dive inspection of select DMC structures; and geoarcheological explorations.

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). Field work for final commissioning occurred last month. Reclamation is awaiting the final vibration analysis from the

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EXTRAORDINARY O&M & CAPITAL PROJECTS

contractor in order to provide final acceptance. SLDMWA activities to integrate the pumps into SCADA will occur after final acceptance. Reclamation staff is working on expediting the required environmental clearance to allow all six (6) pumps to operate concurrently.

DMC Turnout Flowmeter Upgrade Program – Phase 3 (FY23)

Status: Staff have finalized the design data for the flowmeters required with this phase. These measurements will be supplied to McCrometer in order to obtain a final quote and a single-source contract will be pursued. Contract is expected to be executed in Spring 2023.

O&M Road Maintenance Program – Phase 2 of 5 (FY24)

Status: No activity

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

JPP Excitation System & Control Cabinet Modernization (FY18)

Status: SLDMWA is currently in contract with Reclamation through a Letter of Agreement. Reclamation TSC has provided the 60% Technical Specifications and Drawings, while the Engineer's Estimate will be provided in the 90% package. The 60% package has been reviewed by SLDMWA and Reclamation Design and Construction Branch CGB-250. The 90% package (Spec D) is scheduled for completion in May 2023, with the 100% design package (Spec B) scheduled for completion in August 2023. Once received, SLDMWA staff will begin putting together the solicitation package. SLDMWA has received notice the application for \$25M of BIL (Aging Infrastructure) funding was approved.

JPP Wear Ring Purchase (FY22)

Status: No activity

JPP Unit No. 3 Rewind

Status: Jones Unit 3 rewind is underway. The rotor has been removed and placed in the JPP Machine Shop. The rotor poles have been removed and shipped to Texas for refurbishment and non-destructive testing has been completed on the rotor frame. The new stator laminations have been installed, the finger press plates and through bolts have been reinstalled and torqued. The stator slots have been painted, the surge rings and bus bars have been installed, NEC is currently installing the stator coils which should be completed the first week of May. Overall the rewind is on schedule and the unit is scheduled to return to service in Sept. 2023.

TSY Switchgear Building UZ11A Repairs (Unplanned Project)

Status: A ground fault incident occurred in October 2021 that damaged the main feeder switchgear and bushing box in switchgear building UZ11A. Partial repairs were made, and the building is currently energized via adjacent switchgear building UZ8A (or UZ6A depending on circumstance). A two-phased contract was issued to Powell, the original designer and installer of the switchgear building, to supply

EXTRAORDINARY O&M & CAPITAL PROJECTS

repair materials (Phase 1), and perform the onsite repair work (Phase 2). Phase 1 supply contract has been completed, which included supplying the replacement bushing box, CTs, surge arresters, etc. Phase 2, onsite installation of the parts, was originally scheduled to occur October 2022 but was delayed when repair materials in Phase 1 were not ready. Phase 2 is now scheduled starting September 2023 for three weeks. CVO has given the approval for units 2 and 6 outage, which UZ11A Switchgear Building feeds power to. Note: Unit 3 rewind is scheduled to be completed and back in service prior to starting the UZ11A repairs.

JPP Concrete Slab by Trashrake Dumpster (FY23)

Status: Project is currently in the planning and design phase. A geotechnical investigation was completed by Terracon to characterize the subgrade to ensure an optimum design is pursued. Final geotechnical and structural recommendations were supplied from Terracon. Technical specifications are currently being prepared in order to formally solicit for construction. Design drawings are substantially complete, awaiting internal review. 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 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.

SLDMWA formerly re-solicited for the rehabilitation of the transformers on January 3, 2023. One proposal was received on March 16th from Cal Electro Inc. (CEI). SLDMWA and TSC has completed the proposal evaluation, and Cal Electro's revised proposal was scored a 90% by the Technical Proposal Evaluation Committee comprised of SLDMWA and TSC technical staff. SLDMWA is seeking board approval to issue the construction contract on May 4th. The system outage at O'Neill PG Plant will still be scheduled in April-May 2024, pending favorable hydraulic conditions. Monitoring transformer insulation fluid continues quarterly with recent results confirming oil is still in good condition.

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

Status: The field work for all three inspections occurred in FY22. The Facility Rating and Arc Flash Hazard Analysis are complete, with final reports received. The draft Protective Relays Review report has been reviewed and commented on by SLDMWA staff.

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EXTRAORDINARY O&M & CAPITAL PROJECTS

OPP Upgrades (Previously Pump Bowl Modification & Replacement)

Status: Staff has been working with Reclamation to begin the assessments recommended during the Value Planning Study. Reclamation staff is currently putting together a Project Management Plan that will allow us to enter a Letter of Agreement to begin the assessments. SLDMWA staff recently attended an onsite meeting at TSC to discuss the project and convey the critical need for the assessments.

OPP UPS Battery Charging System Replacement (FY22)

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

OPP Station Service Backup Battery System Replacement (FY23)

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

OPP Accusonic Flowmeter Console Upgrades (FY23)

Status: Consoles have been purchased and received, with 4 of them installed. Staff discovered a faulty communication component on two of the consoles and replacements were recently received and tested. Installation of final 2 units to occur as Operations allow.

OPP Plant Water Storage Tanks Rehabilitation (FY24)

Status: Began the development of scope of work documents. Waiting test results of existing interior lining of tanks to determine if hazardous materials are present. Planning bid walk for later in May.

OPP Sand Filter System Rehabilitation Design (FY24)

Status: Began discussions with USBR Sacramento on scope of work.

OPP Cooling Water System Rehabilitation Design (FY24)

Status: Began discussions with USBR Sacramento on scope of work.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (FY20)

Status: Work began on equipment selection, layout, and construction phasing. Received approval from State Water Board on proposed replacement equipment. Presently waiting for USBR acceptance of key water treatment equipment. Purchase agreement with selected vendor to transpire early May. Site grading and drainage plans are currently being designed by staff.

EXTRAORDINARY O&M & CAPITAL PROJECTS

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

Status: Continued preliminary planning for project. Created new drawings showing project area and worked with Contract Specialist to draft bid documentation. Staff is currently evaluating the roadway areas (seal coat vs slurry seal).

MULTIPLE FACILITIES

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

Status: No activity this month. The Analysis was conducted by Reclamation TSC through a LOA. The onsite surveys for TFO, LBFO, and DCI were completed in September 2022. The Arc Flash Hazard Analysis Reports are expected to be completed by September 2023. Ongoing engineering support has been provided to TSC for DCI Arc Flash Hazard Analysis regarding recommendations from Arc Flash Hazard Analysis 2013.

SCADA System Evaluation (FY23)

Status: Site discovery and documentation of the existing SCADA System is ongoing. The development of controls and SCADA standards and best practices is in process. Research is being conducted on how best (with major supply chain issues) to upgrade the system to current standards and then maintain the system with a newly developed 10-year plan. Staff is waiting for parts to conduct concept for checks controls remediation plan. Communication continues to determine if an existing fiber line owned and operated by DWR could be utilized for SLDMWA communication. The first steps of our cyber security was implemented. We are currently working with DarkTrace and installing a network device to track cyber data and threats on the SCADA system. We are also currently incorporating a structured file server system to keep SCADA backups and for much needed organized file storage on the local network. We are currently building a strategy to impletment better wiring housekeeping in our SCADA server rack help maintenance activities on the racks. A new Active Directory/DHCP/DNS server was ordered this month. Work continues to build a controlled area to evaluate and test new hardware and software implementations before going live. Testing on virtual machines for the SCADA environment is underway. Development of a software conversion/rewrite plan is underway. Starting to test some of these ideas in sandbox environment. SandBox Servers installed in server room. Staff has developed a remediation plan to meet CISA and federal mandate requirements and will begin testing and implementation as the next step.



STAFF MEMORANDUM

TO: Board Members and Alternates

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

DATE: May 4, 2023

RE: Update on Science Program

SUMMARY

The San Luis & Delta-Mendota Water Authority's ("Water Authority") current science commitments for Fiscal Year 24 (March 1, 2023 – February 29, 2024) may be considered in two categories. First, the Water Authority re-budgeted \$125,000 in the current budget to fund two activities and/or studies previously authorized to be funded. Second, the Water Authority has budgeted \$390,000 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 \$515,000 available to fund science, of which \$125,000 has been obligated.

1. Previous Commitments - \$125,000 in FY 24 Budget

Subject	Description of Work / Objective(s)	FY 24 Budget
Joint Funding CSAMP 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 is underway and will provide a Formal evaluation of Delta Smelt recovery actions along with the full suite of objectives: Salmon, Ecosystem, Water Supply, Cost, Learning.	\$120,000
Joint Funding Delta Coordination Group Structured Decision making Facilitation	Funds support and assistance with the structured decision making for recommendations for summer-fall habitat actions for delta smelt by the Delta Coordination Group to the U.S. Bureau of	\$5,000

	Reclamation and the Department of Water Resources. Main contract with Dr. Jennie Hoffman with Adaptation/Insight, using Compass Resources.	
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2. New Science - \$390,000 in FY 24 Budget

Subject	Description of Work / Objective(s)	FY 24 Budget
Science Studies/Efforts		\$390,000
CAMT Studies	<p>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.</p> <p>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.</p>	\$150,000
Joint Funding 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.	\$10,000
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, giant gardener snake, yellow-legged frog (and others), and engagement in efforts associated with the Bay-Delta Plan Update and VA Science Plan.	\$200,000

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May 4, 2023

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SCIENCE PROGRAM ACTIVITIES:

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

Voluntary Agreements (VA):

The VA Science Committee is developing the Science Plan with a final draft anticipated in May 2023. Staff are contributing in the writing and review of the plan during bi-weekly meetings and sub groups. Currently, the group is focusing on refining the draft performance metrics and hypotheses.

Delta Coordination Group (DCG):

Staff participated in the DCG meetings and provided input on the Structured Decision Making process for the summer-fall habitat actions. The Delta Summer-Fall Habitat 2023 Action Plan was submitted to USFWS and CDFW on May 1, 2023.

CAMT/CSAMP:

The CAMT/CSAMP group has been discussing the best approach for a more coordinated monitoring program and integration of the ongoing science projects and initiatives. Both of these groups are contemplating the effectiveness of the various studies and strategy for integrating the results to further our understanding of the environmental challenges. In addition, CAMT is developing a matrix of potential projects to best address the data needs and gaps to support the needed analyses and evaluations.

The monitoring sub-group developed a matrix to assess the monitoring activities, objectives, and hypotheses and will crosswalk the actions with the evolving VA Science Plan. The draft plan is anticipated to be ready in May.

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

The Bureau of Reclamation (BOR) is working on the proposed action to be evaluated in the ReROC environmental impact statement (EIS) and Biological Assessment. The Proposed Action and qualitative analysis are anticipated to be completed in early Summer 2023. The quantitative analysis of the Proposed Action is anticipated in Fall 2023. BOR is planning an independent peer review prior to submitting the Biological Assessment to the USFWS and NMFS for development of Biological Opinions. Staff will continue to track the development and provide assistance as needed.

The next WIIN Act Quarterly meeting is scheduled for June 13, 2023.

Science Coordination:

As part of our efforts to increase the effectiveness of the Water Authority's Science Program, Authority staff is proposing to establish a Science Coordination Workgroup to assist in the guidance of the Program.

The objectives of this group will include:

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1. Improving coordination and communication with member agencies related to Science Activities,
2. Contributing to the development of an Authority Science Plan to guide science program activities, and
3. Enhancing engagement with the science community.

Staff is reaching out to solicit participants from our member agencies for participation in the workgroup, with a request to at minimum have one representative from each Division. After compiling a list of Work group members, staff will schedule an initial meeting to discuss the goals and objectives.

Additional Coordination Activities

Staff is participating to the Reorienting to Recovery – Salmon Workshops which focus on the identifying key challenges and improving science.

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MEMORANDUM

TO: SLDMWA Board of Directors, Alternates

FROM: John Brodie, Water Resources Programs Manager
Joe McGahan, Regional Drainage/Westside Watershed Coalition Coordinator

DATE: May 4, 2023

RE: Activity Agreements – Staff Report for April 2023

This memorandum serves as the Staff Report for April 2023 regarding specified¹ Water Authority activities not separately addressed on the Board meeting agenda.

1. Integrated Regional Water Management (IRWM) Activity Summary

General Westside-San Joaquin Integrated Regional Water Management Plan (IRWMP)

Work continues on the Proposition 1, Round 1 IRWM Implementation Grant. Both the West Stanislaus Irrigation District Pumping Plant Modernization Project and the Central California Irrigation District's Orestimba Creek Recharge and Recovery Project are nearly halfway complete. The combined water supply reliability benefit of these two projects is estimated to be about 100,000 acre feet annually, once completed.

2. Sustainable Groundwater Management Activity (SGMA) Activity Summary

Coordinated Activities

Groundwater Sustainability Agencies (GSAs) in the Delta-Mendota Subbasin are waiting for the State Water Resources Control Board (SWRCB) to determine its process for addressing Groundwater Sustainability Plans (GSPs) deemed "inadequate" by the California Department of Water Resources (DWR). Six such Subbasins, including the Delta-Mendota Subbasin, received that classification from DWR in early March. The Delta-Mendota Subbasin was the only one to send a representative to comment at an April 4, 2023 SWRCB meeting on the topic. Local GSAs are meeting on an accelerated schedule to address DWR's determination.

The Subbasin's Water Year 2022 Consolidated Annual Report was submitted on time to DWR. Data from the report and those previously filed with the state must be used to inform the required five-year GSP updates. SWRCB staff also said they will be looking at the Annual Reports looking for specific items including any pumping allocation plans and amounts reported, any

¹ For the sake of completeness, this includes those Activity Agreements that have been approved by the Board of Directors, but not yet signed by all interested members and/or participants (i.e., the Los Vaqueros Expansion Project Activity Agreement, the Exchange Contractors 2019-2023 Transfer Program Activity Agreement, and the Westside-San Joaquin Integrated Regional Water Management Activity Agreement).

mitigation plans or actions taken, and how Subbasins with multiple GSPs (like Delta-Mendota) are coordinating their work and data analysis.

The spring seasonal high groundwater level monitoring window closed at the end of April. GSAs have until the end of May to submitted the collected data to DWR. The window to begin water quality monitoring began May 1, 2023, with a deadline of August 31, 2023 to complete that monitoring.

General SGMA Activities

Work continues on the \$7.6-million-dollar SGMA Implementation grant awarded to the Subbasin. Most of the work completed so far is focused on GSP revisions, annual reporting, and public outreach related to both. Del Puerto Water District is serving as the grant manager for the Subbasin. Among the grant-funded activities underway is additional monitoring and data collection to track groundwater sustainability Subbasin-wide. A consultant was recently selected to design an Interconnected Surface Water Monitoring Network.

3. Drainage Activity Summary

Grassland Basin Drainage Management Steering Committee Activity Summary

The Grassland Bypass Channel gates were closed on March 24th, ending the discharge of storm-induced drainage from the Grassland Drainage Area. Remaining drainage flows have been managed internally by the San Joaquin River Improvement Project since that time. No significant storms are forecasted and it is not anticipated the gates will be opened again in the near future.

GBP Activities

- **Grassland Bypass Project Annual Monitoring Report (AMR):** The 2019 Order requires an AMR be developed and submitted by April 30th. This report covers the 2022 calendar year and requires a detailed analysis and summary of all of the data collected at each of the monitoring sites.
- **General administration:** Review and approve consultant billing. Field review of drainage conditions and correspondence with SJRIP manager.
- **Mud Slough Restoration Project:** The Water Authority adopted the CEQA for the project in December 2021. GBP management staff are attempting to meet with CDFW to review their concerns and are working with stakeholders to resolve remaining issues.
- **Grassland Water District Monitoring Wells:** A total of 10 observation wells are planned to be installed to monitor groundwater levels and quality within the San Joaquin River Improvement Project and in a portion of Grassland Water District to the north. Five of the wells have been installed. The well drilling contractor is planning to install the remaining wells in May of 2023.
- **Compliance Monitoring:** Monitoring in compliance with the 2019 revised WDRs and 2019 Use Agreement is a continuous and daily effort. Regular flow, water quality and toxicity monitoring is required at eight locations at a frequency that varies from monthly to daily. Special monitoring for fish and invertebrate selenium levels has occurred annually, along with efforts to collect particulate samples for selenium analysis.
- **Grassland Drainage Area Coalition:** Work continues to provide coverage for farmers within the Grassland Drainage Area for the Irrigated Lands Regulatory Program.

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Reporting forms were sent to farmer members in late 2022 for reporting 2022 nitrogen application.

- Proposition 84 Grant: Work is ongoing to support the Prop 84 Grant administered by Panoche Drainage District for improvements to the San Joaquin River Improvement Project. The Short Term Storage Basins construction is in progress but will take some time to complete. Other projects are in design phase.
- Mitigation subcommittee: Prepare information for meeting on April 5, 2023.

San Joaquin Valley Drainage Authority Activity Summary

- Participated in conference calls with the Regional Board to respond to their questions on surface water quality management plans and required follow up. Working with the Regional Board to formulate a more efficient focused outreach program to address sediment and surface water quality impacts to receiving waters.
- Westside San Joaquin River Watershed Coalition: Work continues to provide coverage under the Irrigated Lands Regulatory Program for farmers within the Westside San Joaquin River Watershed Coalition. The work includes managing the monitoring program, assisting farmers with the necessary reporting to comply with the program and preparing reports for the Regional Board. Applied Nitrogen Summary Reports were sent to growers that compare their crop specific nitrogen use to other growers use. Crop-year 2022 INMPSR forms are being received and the data entered into the compliance database.
- Groundwater Protection Formula, Values and Targets: Coalitions have developed a methodology to establish nitrogen loading Values and Targets as required by the WDRs. Ongoing work includes meeting with other coalitions and staff to formally present the Values and Targets to the Regional Board in a public forum.
- Management Practices Effectiveness Program: Attend conference call meetings of the MPEP group. Developing work schedules to implement nitrogen control measures for farmer member compliance.
- Central Valley Groundwater Monitoring Collaborative: Attend conference call meetings to give direction to program. Work with other coalitions and staff to develop an updated groundwater monitoring CQAP.
- Management Zones: Work continued to develop plan for compliance within the Westside Coalition. Met with ad hoc subcommittee and presented cost estimate alternatives for compliance to inform their direction on management zone formation.
- Salt Control Program: Phase I of the Salt Control Program involves the development of a Prioritization and Optimization Study (P&O Study). Currently, consultants are compiling data in order to characterize current salinity conditions of both surface and groundwater across the Central Valley. Phase I of the Salt Control Program is expected to last years. This work is being supported through the SJVDA budget.
- Prop 84 Real Time Program Grant: Work continues on maintaining the stations, gathering monitoring data, and computer modeling to determine and manage salt discharges to the San Joaquin River.

San Luis & Delta-Mendota Water Authority

Procurement Activity Report

From March 29, 2023 to April 25, 2023

Date Executed	Contract Title	Vendor or Service Provider	Contract Amount	Contract Solicitation Type	Contract Type	Funding Source	Notes
4/15/2023	2024 Peterbilt 567 Dump Truck	Interstate Truck Center	\$ 226,604.13	Cooperative Purchase Agreement	Purchase of goods, supplies & equipment	EO&M (Fund Code 26-D2)	Board of Directors authorized purchase on April 6, 2023.

CONTRACT CHANGE ORDER NOTIFICATIONS:

Date Executed	Contract Title	Vendor or Service Provider	Change Order Amount	Original Contract Amount	% Change	Justification

NOTE: NO CONTRACT CHANGE ORDERS WERE ISSUED DURING THIS REPORT PERIOD

This Procurement Activity Report is intended to satisfy the requirements in the San Luis & Delta-Mendota Water Authority's Consolidated Procurement Policy that the Board be notified of all contracts awarded under informal and formal bidding procedures and single-source procedures, as well as certain change orders, promptly following award.

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MEMORANDUM

TO: SLDMWA Water Resources Committee Members, Alternates
SLDMWA Board of Directors, Alternates

FROM: Federico Barajas, Executive Director

DATE: May 1, 2023

RE: Recommendation, Appointment of Representative to the State and Federal
Contractors Water Agency Board of Directors

BACKGROUND

The San Luis & Delta-Mendota Water Authority (SLDMWA) has a vacant seat on the State and Federal Contractors Water Agency (SFCWA) Board of Directors. With the retirement of Rick Gilmore, the Board of Directors must appoint a new SLDMWA Director to serve on the SFCWA Board of Directors. As a reminder, the Water Authority is entitled to three director positions on the SFCWA Board of Directors and as such, Federico Barajas and Anthea Hansen will continue to serve as the Water Authority's second and third Directors on the SFWA Board.

ISSUE FOR DECISION

Whether the Water Resources Committee should recommend, and the Board of Directors should appoint Ed Pattison as representative to the SFCWA Board of Directors.

RECOMMENDATION

Staff recommends the appointment of Ed Pattison as representative to the SFCWA Board of Directors to fill SLDMWA's vacant SFCWA Director seat.

ANALYSIS

Article III, Section 2 of the SFCWA bylaws state in relevant part:

. . . . Each Director of the Agency shall be a director, officer, or employee of the appointing member agency ("Member"). For Members that are joint powers agencies, the Directors appointed by those Members may be directors, officers, or employees of the joint powers agency or of any public agency that is a member of that joint powers agency. . . .

Each Member, at the time it appoints its Director(s), shall appoint an Alternate who may sit as a Director in the absence of the Director for whom the individual is the Alternate. Alternates shall possess the same qualifications as Directors.

Memo to SLDMWA Water Resources Committee, Board of Directors

May 1, 2023

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Directors and Alternates shall have no fixed term of office, but each shall serve on the Board at the pleasure of the appointing Member and may be replaced at any time by the appointing Member by providing a written notice of replacement to the Secretary of the Agency.

When the Water Authority last appointed a SFCWA Director, in March 2021, it did so via formal action. Staff recommends continuation of this practice.

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MEMORANDUM

TO: SLDMWA Water Resources Committee Members, Alternates
 SLDMWA Finance & Administration Committee Members, Alternates
 SLDMWA Board of Directors, Alternates

FROM: Pablo Arroyave, Chief Operating Officer
 Jaime McNeil, Engineering Manager

DATE: May 1, 2023

RE: Water Resources Committee and Finance & Administration Committee to Consider Recommending, Board of Directors to Consider Adopting Resolution Authorizing Award of Contract, Execution of Construction Agreement for O'Neill Pumping-Generating Plant Power Transformers Rehabilitation, and Expenditure of up to \$3.2M from the FY22 and FY23 EO&M Budgets; CEQA Exemption

BACKGROUND

The O'Neill Pumping-Generating Plant (Plant) is a vital part of the Central Valley Project as it allows for the storage and delivery of both project and non-project water. The power transformers have been in service since 1968. A 2019 condition assessment and value engineering study determined that the transformers are at the end of their useful life and are recommended for rehabilitation prior to replacement. The best short-term approach for extending the operating life of the transformers is the combination of rehabilitation and retrofill with synthetic ester fluid. Because unacceptable quantities of acid were found via oil analysis since 2019, an emergency hot oil reconditioning was performed in 2020 to ensure the transformers remained eligible for rehabilitation. The hot oil reconditioning was successful in prolonging the life of the transformers, providing time to properly design, solicit, and complete the rehabilitation efforts. It is unknown how much time is extended with the hot oil reconditioning, and any further delays to the rehabilitation project could result in a transformer requiring a full replacement at a significant cost and an extended plant outage. Reclamation's Technical Services Center (TSC) completed the Technical Design Specifications for the rehabilitation, and will also be utilized for construction technical support. Specifically, during construction, TSC will provide engineering support, supervise field tests, and finalize drawings through a Letter of Agreement between Reclamation and the Water Authority.

The Plant is fed via a PG&E 70 kV line, through a WAPA circuit breaker to three (3) Single-Phase Transformers. There are four (4) transformers total, each one a 10 MVA, 72.5/4.16 kV single-phase transformer, with one (1) serving as a spare. These are original transformers from 1968, and the spare transformer has never been placed into service. All four (4) transformers will be included in the construction contract for rehabilitation. The work will include rehabilitating the three (3) in-service

power transformers during a full plant outage of approximately 45 days and rehabilitating one (1) spare transformer while the plant remains operable. All transformers will be retrofilled with synthetic ester fluid. The rehabilitation includes new gaskets, low side and neutral bushings, valves, liquid level gauges, thermowells and temperature gauges, paint, oil preservation system (conservator), fans and temperature controls, protective relay upgrade, and hazardous waste disposal.

Last year, the Water Authority solicited for the rehabilitation project and received one proposal. In August 2022, the Water Resources and Finance & Administration Committees recommended, and the Board adopted Resolution No. 2022-507 authorizing award of contract pending successful negotiation on technical aspects of the proposal. However, negotiations were ultimately unsuccessful, and the proposer withdrew their proposal.

On January 3, 2023 the contract was resolicited, and the Water Authority received one proposal from Cal Electro Inc. (CEI). The proposal included all documents as required per the solicitation. During the evaluation phase, evaluators requested a few clarifications regarding the proposal. After obtaining clarifications from CEI, the Technical Proposal Evaluation Committee (TPEC) evaluated the proposal and its clarifications, and CEI received a passing score of 724/800 (90%).

ISSUE FOR DECISION

Whether to adopt the proposed Resolution Authorizing Award of Contract, Execution of Construction Agreement to Cal Electro for O'Neill Pumping-Generating Plant Main Transformer Rehabilitations, and Expenditure of up to \$3.2M from the FY22 and FY23 EO&M Budgets and CEQA Exemption.

RECOMMENDATION

Staff recommends adoption of the proposed resolution.

RFP PROCESS & DETAILS

The Water Authority formally solicited for sealed proposals to provide all labor, equipment and services for the rehabilitation of four (4) single phase power transformers at the O'Neill Pumping-Generating Plant with the following critical dates:

January 3, 2023	Formal Solicitation released
January 31, 2023	Mandatory Pre-Proposal Conference/ Site Visit
February 14, 2023	Last day to submit questions
February 28, 2023	Deadline for responses to questions
March 16, 2023	Proposals Due
March 20 – March 24, 2023	Proposal Evaluation
March 27, 2023	Additional Questions/Clarifications requested from CEI
March 31, 2023	Revised Proposal Due
April 3 – April 7, 2023	Revised Proposal Evaluation

In FY23, a Request for Information (RFI) was posted on Public Purchase in December 2022 in an effort

to reach more contractors. The RFI resulted with twenty-one (21) interested contractors. The Request for Proposal (RFP) was then publicly posted on Public Purchase and several newspapers on January 3, 2023. The newspapers included: San Francisco Chronicle, Sacramento Bee, Modesto Bee, and Tracy Press. In addition, the RFP was sent directly to the twenty-one (21) interested contractors from the RFI. Ten (10) contractors attended the Mandatory Pre-Proposal Conference and Site Visit. Only one proposal was submitted, by CEI. CEI's proposal was accepted by the TPEC on April 7, 2023. The Notice of Intent to Award was transmitted to CEI on April 14, 2023.

Authorizing execution of this Construction Agreement is for the rehabilitation of an existing facility involving negligible expansion of the existing use and will not result in a direct change in the environment or a reasonably foreseeable indirect change to the environment and shall, therefore, be exempt from the provision of the California Environmental Quality Act per CEQA Guidelines Sections 15301(a)(b) and(d).

Note: The Operations Plan reviewed by the Water Resources Committee and approved by the Board of Directors in August 2022 (with an outage the following year in March/April) has been altered. The new proposed Operations Plan associated with the requested contract award will be reviewed with the Water Resources Committee and Board.

BUDGET IMPLICATIONS

The proposed expenditure of up to \$3.2M will be funded utilizing budgeted funds from Fiscal Year 2022 and 2023 EO&M budgets. \$1.66M will be funded from FY22, and \$1.54M from FY23.

ATTACHMENTS

1. Proposed Resolution
2. Draft Construction Agreement
3. Notice of Intent to Award

O'Neill Pumping Plant Transformer Rehabilitation Project 45 Day Outage Period – Operations Plan

The proposed O'Neill Pumping Plant (OPP) outage for transformer rehabilitation is scheduled to take place during the months of April and May 2024 (FY25). This event will result in the OPP being off-line and unavailable for the approximate 45-day outage. With an abundance of water from the previous wet year (FY24), it is anticipated that the demand on OPP will be focused on pumping water into the O'Neill Forebay to re-fill the federal share of the San Luis Reservoir. With an average to wet year, we expect to have completed this pumping by the April-May timeframe. During this scenario, we expect to have the JPP, in combination with DCI, to meet Mendota Pool and all canal side demands. Any surplus in the system from the JPP pumping can be diverted through DCI and pumped into the California Aqueduct. Reverse flow from DCI could also be utilized if a small amount of additional water is needed on a daily basis.

Staff anticipates meeting all demands during this timeframe. However, if regulatory issues arise that restrict State and Federal pumping, staff is prepared to cancel or reschedule the OPP 45-day outage. As always, Staff understands the critical need for meeting demands, and the current hydrology will ultimately drive the schedule.

During planning efforts, historic operations data was reviewed but provided little help due to changes in operations. In the past, JPP pumping was limited in April & May due to regulatory requirements. Because those requirements have changed, historical pumping trends are no longer relevant for predicting purposes. While not possible to predict the hydrology for next April-May, the following facts are relevant in the predicting efforts:

- Water Year 2023 was a Very Wet year with San Luis Reservoir (SLR) filling in mid-April.
- Levels in most California reservoirs are at high levels, with the following levels as of 4/26/2023:
 - Trinity: 45% of historic average
 - Shasta: 115% of historic average
 - Folsom: 107% of historic average
 - New Melones: 100% of historic average
- Snow pack in the Central Sierras is at 250% of historic average.
- Early forecasting is indicating there is a high chance of an El Nino pattern for Winter 2023/2024.
 - James Bypass is predicted to have high flows through July. As a result, the Exchange Contractors will take the majority of their deliveries through the Mendota Pool thereby reducing dependency on SLR.
 - South of Delta Water users are currently drawing upon their carry over water, allowing Project Water to remain in SLR
 - Staff anticipates that SLR will be refilled in early 2024 based upon information bulleted above.

In order to meet the demands of our member agencies, the following scenarios represent various operational procedures that may be implemented during this event. These scenarios are based on the five classifications of water year type, and also take into account historical operational activities with FY24 being a very wet year with San Luis Reservoir filling. As we approach April 2024, a more exact estimate of total demands can be established. The detailed estimate will allow us to call for enough pumping at Jones Pumping Plant (JPP) to meet demands with a small amount of surplus for operational flexibility. Demands will be evaluated weekly, and pumping rates at JPP will be adjusted accordingly. In some of the scenarios, an agreement may be required with the Department of Water Resources (DWR) to convey water designated for federal pumping.

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