



October 5, 2023

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for September 2023

OPERATIONS DEPARTMENT

The C.W. “Bill” Jones Pumping Plant (JPP) operated with 4-5 units during the first 25 days of September. The average rate of pumping for the JPP was 4,042 cfs for the same period.

Total pumping at the JPP for the first 25 days of September was 192,433 acre-feet. The O’Neill Pump/Generating Plant (OPP) generated 0 acre-feet, and pumped 66,870 acre-feet during the same period. 16,080 acre-feet was pumped at the Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) and 0 acre-feet was reversed from the DCI into the DMC for the first 25 days of September.

The Federal share in the San Luis Reservoir on the 25th of September was 790,583 acre-feet as compared to 185,265 acre-feet for the end of September 2022.

During the first 25 days of September, releases from Friant Dam ranged from 390 to 425 cfs with 5,791 acre-feet entering the Mendota Pool during the same period. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 5,812 acre-feet for the first 25 days of September. During the month of August, an additional 512 acre-feet of Kings River water entered the Mendota Pool via the James Bypass.

Canal Operations Department

The Canal Operations crews worked on the following activities this month:

- Pitot Tube flow measurements at MP’s

23.94 R	31.60 RB	62.67 L
25.02 R	47.37 R	80.99 L
29.19 L	55.85 L	81.80 R
29.95 RA2	61.37 R	86.71 R

- Open Channel flow measurement at MP’s

4.98	72.38	76.05	115.90
Volta 10’ Gate	Volta Cross Channel	Volta Wasteway	SJR Below Dam

- Serviced flow meters at MP's

20.42 L	31.60 R	44.24 R
29.56 L	32.36 L	46.02 L
29.95 R	32.38 R	46.19 R
30.43 R	44.22 LA	75.43 L
31.31 L	44.22 LB	78.56 RB
		97.70 R

- Coordinated SJRRP flow testing with USBR
- Bi-weekly meter readings on all active 200 plus turnouts
- Inspected Wasteways
 - Westley
 - Newman
 - Volta
 - Firebaugh
- Collected water samples at MP 10.62, 20.63, 29.95, 39.21, and 45.77
- Groundwater well soundings
 - Upper DMC Warren Act
 - Lower DMC Warren Act
 - Central SGMA
 - Northern SGMA
 - USGS Monitoring Wells
- Routine patrols
 - DMC
 - Mendota Pool
 - San Luis Drain

Other Activities

The Control Operations crew performed the following switching/clearance orders this month:

- C-23-DM-35 Volta Well pump removal and inspection
- C-23-ON-53 OPP Unit 2 distributor shaft oil leak
- C-23-JP-54 UZ11A bushing box repair
- C-23-DM-55 DMC Milepost 39.22 turnout gate replacement
- C-23-DM-56 DMC Milepost 48.60 turnout gate replacement
- C-23 ON-57 OPP Unit 4 distributor shaft oil leak
- C-23-DM-58 DMC Milepost 96.18 dive inspection (DRS)

MAINTENANCE DEPARTMENT

The SLDMWA Facilities maintenance crews worked on the following projects this month:

Jones Pumping Plant

Electrical/C&I Maintenance Crews:

- JPP West, Center, and East tunnel flow SCADA communication issue troubleshoot and repair
- JPP Unit 4 Kinney Strainer trip investigation troubleshoot and repair
- MGR cabinet module troubleshoot and repair
- Building UZ11A contractor support and repairs

- SEL 2411 alarm investigation and troubleshoot
- Switchyard lighting inspection quarterly PM
- JPP sewer room drain pump test and inspection bi-annual PM
- JPP emergency lighting inspection PM
- JPP flooding alarm test quarterly PM

Mechanical Maintenance Crews:

- Fabricate new BFV stops and wheels for JPP Units 1,3, and 5
- Repair pin hole in cooling water pipes
- Replaced the pump switch on the wheel pit pump
- Replaced pump on the air wash unit
- JPP Unit 2 annual maintenance
- Machine Shop rail car rehab (blast and paint)
- JPP intake deck and railings maintenance
- Building UZ11A repairs
- Fabricate fittings for O-Ring seals for the traveling gearbox breathers
- Fabricate actuator shaft straightening tool for OPP
- OPP Unit 2 Distributor oil leak support
- JPP main rollup door troubleshoot and repair
- DMC Checks 1 - 6 mechanical inspection 12-month PM
- Monthly JPP 100/20 Ton crane/hoist PM
- TFO entry gate quarterly PM
- USBR entry gate quarterly PM
- TFO car wash water recycling unit monthly PM
- Unit gland water/sight glass bi-annual PM
- JPP butterfly valve air system receiver 12-month PM

Civil Maintenance Crews:

- Trash rack cleaning support

O'Neill Pumping/Generating Plant

Electrical/C&I Maintenance Crews:

- OPP Penstock/siphon breaker ventilation fan test and inspection PM
- OPP emergency lighting PM
- OPP Unit 2 vane limit switch adjustment, calibration, and repair
- OPP Unit 6 vane limit switch adjustment, calibration, and repair
- OPP Morris Drill troubleshoot and repair of faulty wiring
- OPP Station Service battery internal resistance test and inspection PM
- OPP Station Service battery test and inspection PM
- OPP emergency generator semi-annual PM
- OPP security gates test and inspection PM
- OPP Station Service battery charger test and inspection PM
- OPP Station Service dry transformer test and inspection PM
- OPP annunciator panel test and inspection PM
- OPP 65/10 Ton bridge crane test and inspection PM
- OPP annual cathodic protection system test and inspection PM
- OPP cathodic protection system test and inspection PM
- OPP U1 vibration monitoring device development project
- OPP UPS battery internal resistance test PM

Mechanical Maintenance Crews:

- OPP sump pump debris clean out
- OPP Unit 4 distributor hub oil leak investigation and repair
- OPP Unit 2 distributor hub oil leak investigation and repair
- OPP Siphon Building install/replace air dryers on building air system
- OPP Siphon Building inspection quarterly PM
- OPP 5 Ton stop log gantry crane test and inspection PM
- OPP Building inspections quarterly PM
- OPP 3 Ton jib crane test and inspection PM
- OPP emergency generator semi-annual PM
- OPP shop cleanup and organization

Civil Maintenance Crews:

- None to report

DMC/CA Intertie Pumping Plant

Electrical/C&I Maintenance Crews:

- None to report

Mechanical Maintenance Crews:

- None to report

Civil Maintenance Crews:

- None to report

Delta-Mendota Canal

Electrical/C&I Maintenance Crews:

- Apply new arc flash labels to LBFO electrical panels
- LBAO general lighting and electrical repairs
- Repair electric plugs to power cords on shop heater
- LBFO carport lighting replacement preparation and repair

Mechanical Maintenance Crews:

- None to report

Civil Maintenance Crews:

- Mechanical weed control MP 1.00 to 116.00
- Check structure maintenance PM
- Check building painting and maintenance
- Trash collection from MP 1.00 to 116.00
- LBAO above ground fuel storage tank inspection PM
- Test can modifications and maintenance along the DMC
- Repair gates and fences along the DMC from MP 1.00 to 60.00
- DMC meter box maintenance and repairs
- Repaired erosion damage from MP 1.00 to 116.00
- Grading of DMC roads from MP 1.00 to 116.00 PM
- Cleaned drain inlets from MP 1.00 to 116.00 PM

- Rock and material hauling to MP 98.18 damaged liner section
- LBFO sling cable and wire rope inspection PM
- San Luis Drain road grading PM
- Fabricate and install handrails
- Volta Wasteway silt removal maintenance
- Pot hole repair
- Flow meter cleaning at MP 115.90 monthly PM

Tracy Field Office

Electrical/C&I Maintenance Crews:

- Hazardous Waste storage area electrical equipment 12-month PM
- Control Building emergency lighting PM
- JPP Domestic Water Treatment Plant replacement project
- TFO emergency lighting PM
- Irrigation system panel troubleshoot, investigation and repair
- TFO Warehouse HVAC system 6-month PM
- CMT/VMT HVAC system 6-month PM
- Admin/E-shop HVAC system 6-month PM
- TFO UPS battery system PM
- Water Treatment Plant pressure switch repair

Mechanical Maintenance Crews:

- Annual bathroom facility inspection
- Installed active shooter protection bolts to TAO main entrance doors
- JPP Domestic Water Treatment Plant preparation and pipe work
- TFO plumbing repairs

Civil Maintenance Crews:

- JPP trash rack cleaning
- Building UZ11A repairs
- OPP industrial water trash rack fabrication
- Water Treatment Plant replacement/repair project

Other Activities

- None to report

USBR Support Services

The Water Authority crews supported the following work at USBR facilities during the outage this month:

- TFCF trash conveyor belt link adjustments
- TFCF damaged sweep arm mitt rebuild
- Delta Cross Channel Bait Station monitoring
- TFCF Egeria weed removal
- TFCF debris removal behind Traveling Screen #5

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
- TPP Water Treatment upgrade, SCADA incorporation
- TPP Water Treatment PLC replacement
- DCI U3 & U4
 - Added U3 & U4 functionality and visibility to SCADA
 - Worked on PLC construction drawings
- Operator C station development
- OPP actuator rod procurement/installation
- OPP SCADA user station development
- OPP insulation tester replacement
- OPP siphon house air compressor replacement
- DMC check motor replacement
- DMC turnout abandonment procedure development
- OPP Kinney Strainer shaft repair
- OPP compressed air dryer replacement
- OPP Trash Rack for industrial water inlet
- DMC drain inlet cleaning support
- Clearing of the inlet of the culvert crossing @ MP56.19
- Jones Unit 6 warranty inspection prep work
- OPP high pressure air compressor replacement
- Check 18 liner damage and inspection

Land Management Activity Summary:

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

- Access permit P2402026 was issued to Del Puerto Water District allowing temporary stockpiling of almonds and gypsum on the canal right-of-way at various locations within the district's jurisdiction
- Access permit P2402027 was issued to Stanislaus Towing Services allowing them to recover and remove vehicles along the Delta-Mendota Canal from MP3.50 to MP116.48

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

- Orestimba Creek Recharge Project
- Safavieh BTS Patterson Warehouse Project
- Rogers Road Bridge replacement, 65% comments
- Nees Ave Bridge replacement, Fresno County Public Works

SAFETY DEPARTMENT

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support to the crews
- Sent out Safety Topics for the month of September to all SLDMWA staff:
 - 9-1-2023 Electrical Safety
 - 9-2-2023 Good Housekeeping
 - 9-3-2023 Hot Work Safety
 - 9-4-2023 Handling Materials

- Provided Safety Message for September 2023 Newsletter
 - Stretching for Injury Prevention
- Scheduled annual hearing tests for selected employees
- Attend a 2-Day Hazardous Waste Management Workshop – Lion Technology Inc.
- Inspected Fall Protection Equipment – Harnesses and Lanyards

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
- Resolved various invoice issues and disputes
- Closed out several pending NetSuite tickets for various issues
- Contracts/PO Agreements/LOA's Status Update:
 - F23-TFF-017 Tension Arm Repairs - Contract executed 4/12/23, with start date still pending funding from Bureau
 - F24-OPP-003 Plant Water Storage Tank Rehab - Board approved 9/14/23, pending signatures
 - F24-TFO-001 Slurry Seal Project – <\$60k. Contract executed on 8/2/23 with work anticipated 10/5/23
 - F24-DMC-012 DMC Chip Seal Project – Project completed
 - F24-OPP-013 UPS Battery Replacement – No bids received on due date, working with single vendor and pending receipt of bid documents
 - F24-OPP-009 Station Battery Replacement – Received one single bid, with revisions needed. Pending updated bid documents from vendor
 - F24-ALL-006 Heavy Equipment Rental Master Agreement – Pre solicitation stage, Scope of Work (SOW) being developed
 - F24-DMC-010 Diving Services Master Agreement – Pre-solicitation stage, developing SOW for contract
 - F24-ALL-005 Biological Survey Master Agreement - Pre-solicitation stage, SOW being developed for contract
 - F24-TFO-002 Fuel Delivery Master Agreement – Pre-solicitation stage
 - F24-TFF-016 Wood Grinding and Pole Disposal Contract – Bids received, pending Bureau review.
 - F24-DMC-014 Flowmeter Phase 3 – Received quote from McCrometer, pending internal review with Engineering. Single Source Contract
 - F24-ALL-017 Storm Drain Vault Cleaning – PO issued 8/22, pending PO increase due to unanticipated events
 - F24-OPP-019 Transformer Rehab Project Management – Professional Services Contract executed 8/18
 - F24-JPP-018 – Units 1-6 Rewind Inspection – Professional Services Contract executed 8/15
 - F22-DMC-047 Change Order 1 executed on 8/4
 - F24-ALL-020 Fire Sprinkler Inspection – Pre-solicitation stage, pending SOW update from Project Manager
 - F24-TFO-021 Tree Stump Removal – RFQ, received quotes, pending contract signatures
 - F24-ALL-022 Municipal Advisory Services – Agreement executed

Ongoing:

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

INFORMATION TECHNOLOGY DEPARTMENT

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

Administrative Activities:

- Monthly FAC, WRC and BOD meetings with Zoom
- Creating policies for BYOD (Bring your own device) with legal
- FY25 RO&M budget
- Strategic Plan workshop
- South of Delta Drought Plan meeting
- Renewal of AT&T WAN contracts

General Network & Desktop Support:

- Desktop support calls
- Research impacts of CA AB1637 on SLDMWA website
- Firewall firmware updates
- Verified lateral network activity as reported by Darktrace
- LBAO Board Room sound troubleshoot
- Make archived files and emails available for General Council research
- Replaced hard drive for O&M Manager
- Server security updates
- Installed new AD Server in Sacramento office
 - Prepped for file history (laptop backups)
- Re-imaged surface for General Council
- Configured AT&T portals

Ongoing:

- NetSuite
 - User and Administration
 - Bi-Weekly Implementation Team meetings

- Monitor Citrin Cooper support activities for NetSuite
- Shepherd
 - Weekly progress meetings
- Server refresh prep for deployment to LBAO, LBFO, OPP, SAC.
 - WAM Servers, prepping for redeployment
- Cybersecurity
 - Monitor Symantec Anti-Virus Management Console
 - Security updates on Servers
 - Monitor Firewall
 - Monitor Darktrace appliance reporting
 - Update additional AV security settings
 - Multi Factor Authentication (MFA) vendor SurePassID
 - Cyber Security training and webinars
 - Cyber Readiness Institution Certification Course
 - Cyber Security Team
 - Cyber security Incidence Response Plan
 - Disaster Recovery Plan
 - Business Continuity Plan
 - Monitor IBM (MAAS360) Mobile Device Management
 - Review Infragard dispatches – FBI Cyber Security group
 - Monitoring Darktrace Cyber Security appliance in IT network
 - Advanced configurations IT/OT
- Continue to troubleshoot email autodiscover issues
- Water Operations iPads and new app deployments via MDM
- Deployment Office 2021
- Gate control planning
- DWR regarding use of fiber from a 1992 contract agreement
- Document management evaluating quotes
- Logistical and technical support provided to Trofholz, new site security installation vendor hired by USBR

HUMAN RESOURCE DEPARTMENT

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

General Administrative Activities:

- Active Recruitments
 - None to report
- Closed Recruitments
 - Control Operator- Interviews scheduled
- Candidates Selected
 - None to report
- Skills Testing
 - None to report
- New Hire Orientations
 - None to report
- ADA Accommodations

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:

- EEOC report tracking
- Affirmative Action report tracking

Ongoing:

- Performance appraisal tracking
- 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: No changes this month. 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 (\$40k estimate), 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 planning and discussions are required. 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 delayed while the USBR review is ongoing. The Feasibility Team held a Technical Workshop with the USBR policy group and reviewers last month. Since then, the team has reviewed comments and prepared answers and will provide comments next month. CDM Subconsultants are preparing the final Wetland Delineation and Archeological reports over the next couple of reporting periods. These documents support the environmental and permitting efforts and have no bearing on the Feasibility Study. Geotechnical consultant, Terracon, was awarded a Contract Amendment to complete the final Geotechnical Investigation Phases 2 & 3 in December 2022 and has completed 100% of the CPT's, 94% of the drill holes using mud rotary methods, and 100% of test pits. Additional services are being requested by USBR to have Terracon prepare foundation design recommendations. USBR has prepared a draft SOW for SLDMWA review however, it will require further review by the USBR bridge group to ensure it captures all requirements. It is anticipated that a new proposal will be prepared in support of a new contract over the next couple of reporting periods. Staff will begin reviewing Caltrans requirements and look for a multi-disciplined consultant to assist with the management of the bridge design deliverables necessary to gain Federal Highway Administration funding as part of the subsidence project. The deliverables are typically prepared years in advance of project approvals.

Numerous design data collection efforts have been coordinated and continue to be discussed. This month SLDMWA staff coordinated the cleaning of the drainage inlets to allow USBR staff to perform an assessment of the structures. Looking towards the fall, USBR is planning to visit the DMC to assess conditions

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of the Lower DMC embankments during a planned dewatering of the Mendota Pool. The assessment will include a photogrammetric survey to capture topographic data of the Lower DMC canal prism.

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). All field work and commissioning has been completed. USBR is awaiting spare parts from the contractor to issue final acceptance. SLDMWA activities to integrate the pumps into SCADA are in progress.

DMC Turnout Flowmeter Upgrade Program – Phase 3 (FY23)

Status: The list of needed flowmeters for this phase was provided to McCrometer several weeks back, and the quote came back significantly higher than anticipated. With increased McCrometer rates, staff is re-evaluating the list of meters to purchase during this phase to remain within budget. Once the list has been finalized, a revised quote will be requested to enter into the single-source contract.

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

Status: All site work completed, pending final retention invoicing.

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 (LOA). The 100% design package (SpecB) is scheduled for completion in December 2023. Once received, SLDMWA staff will begin putting together the solicitation package. SLDMWA has received notice that the application for \$25M of BIL (Aging Infrastructure) funding was approved and is working with Reclamation on repayment details. A separate LOA has been executed to fund the repayment negotiations, and SLDMWA is awaiting Reclamation to schedule a meeting.

JPP Wear Ring Purchase (FY22)

Status: No activity

JPP Unit No. 3 Rewind

Status: Jones Unit 3 Rewind Project is complete. Performance testing of the unit was completed during the week of 8/21/2023 and the unit was returned to service on 8/15/2023. Reclamation is preparing the substantial complete letter and acceptance of the performance test results. Staff is preparing the final invoices for the project.

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

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to Powell, the original designer and installer of the switchgear building, to supply repair materials (Phase 1), and perform the onsite repair work (Phase 2). Phase 1 supply contract has been completed, which included supplying the replacement bushing box, CTs, surge arresters, other damaged components. CVO has provided approval for the two unit outage (U2 & U6). These units are the units connected to the UZ11A Switchgear Building.

Powell started on the repairs for UZ11A on September 18, 2023 and completed them on September 26, 2023. SLDMWA supported Powell with tools, operating heavy equipment, and technician assistance with relay tests. Tasks included replacing bushing box, one set of CTs, bus bars and connections, surge arresters, modifications to seal bottom openings, installing rain hoods, electrical tests of protective relays, power circuit breakers, PTs, CTs, ammeters, voltage circuits, and CT circuits. Powell and SLDMWA worked through the week days and Saturday. The final commissioning tests are scheduled on September 28th and 29th.

JPP Concrete Slab by Trashrake Dumpster (FY23)

Status: Project is currently in the planning and design phase. Technical specifications that incorporate the Geotechnical Report prepared by a consultant are approximately 70% complete, with the design drawings 100% complete. Once all technical specifications have been completed, a schedule will be developed for the solicitation and construction phases.

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.

The SLDMWA awarded the rehabilitation contract to Cal Electro Inc. (CEI) on May 10th (Board approved award on May 4th) and the Notice to Proceed was issued on May 18th. The construction required 45-day system outage at O'Neill PG Plant is planned for April-May 2024, pending favorable hydraulic conditions. Monitoring transformer insulation fluid continues quarterly with recent results confirming the insulating oil is still in good condition. Pennsylvania Transformers Inc. (PTI, transformer OEM) is providing support to CEI for the Project. CEI has added RESA Power as a subcontractor to initiate inspections on the transformers to evaluate plans for the rehabilitation. RESA performed the inspections on July 27th. SLDMWA has entered into a professional services contract with DHR Hydro Services, Inc. for project management services.

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CEI has finalized configurations for ProCore (CDMS). Submittals for arresters, high side bushing, relays, and fan kit for the cooling system have been received. TSC has reviewed and approved the high side bushing, preapproved the fan kit pending fan controls, and arresters are to be corrected and resubmitted.

OPP Upgrades (Previously Pump Bowl Modification & Replacement)

Status: The Water Authority is moving forward with the projects included in the 10 Year Plan, with many of them identified to be included in an upcoming BIL application. Developing design and construction cost estimates for all BIL identified projects is a priority right now, and will be completed through the use of Reclamation TSC, private engineering consultants, and internal staff. The following four projects are anticipated to be included; 1. Unit Woodward Governor Replacement, 2. Unit Rotor & Stator Rewind, 3. Pump Bowl Replacement Program, and 4. Pump Assembly & Penstock Rehabilitation Program. This month staff met with Pentair, the original pump bowl manufacturer to kickoff the Pump Bowl Replacement Program project.

OPP UPS Battery Charging System Replacement (FY22)

Status: Staff created the contract scope of work and solicited quotes in early August. One contractor returned a bid on the project and we should be entering into a contract with them by the end of this month. Installation of system is scheduled to occur during the planned outage for the OPP Main Transformer Rehabilitation project.

OPP Station Service Backup Battery System Replacement (FY23)

Status: Staff created the contract scope of work and solicited quotes. One contractor returned a bid and we should be entering into a contract with them by the end of this month. Installation of system will be done concurrently with the UPS Battery Charging System Replacement during the planned outage for the OPP Main Transformer Rehabilitation project.

OPP Accusonic Flowmeter Console Upgrades (FY23)

Status: The final 2 units were installed this month. Project is complete.

OPP Plant Water Storage Tanks Rehabilitation (FY24)

Status: The request for additional funding and contract award was approved by the Board of Director's at the September board meeting. Staff is currently working with the contractor to obtain the appropriate bonds, and awaiting the signed agreement from them. Once received, a Notice to Proceed will be provided.

OPP Cooling Water System Rehabilitation Design (FY24)

Status: Design will be performed using internal staff. Rehabilitation is anticipated to be a replacement in kind, with minor modernizations and improvements. Because in-depth design services will not be required, the Board has approved a portion of the design budget to be allocated to supplement construction agreement costs of the OPP Plant Water Storage Tanks Rehabilitation. Staff began purchasing

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parts this month, focusing on the long lead items. Upgrades of the installations are planned to occur during the OPP Transformer Rehab outage next Spring.

OPP Sand Filter System Rehabilitation Design (FY24)

Status: Preliminary planning activities have begun. Staff have explored the options to replace the existing tanks in-kind, or to rehabilitate the existing tanks in place. Due to the geometry of the configuration, both options present significant difficulties. During original installation, the tanks were placed prior to pouring the floor above, making it impossible to install new tanks without significant torching and welding efforts. In addition, the tanks are placed very close together giving little room to complete rehabilitation-in-place within a timely manner. In response to these difficulties, staff is exploring installing a new filter technology that incorporates a much smaller footprint, through a pilot study. The plan is to install a VAF, V-1000 self-cleaning screen filter at the JPP to test the performance of this system. If successful, the SLDMWA will present the performance results to USBR for consideration as an alternate to the existing sand filter system.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (FY20)

Status: Replacement water treatment equipment has been ordered with an anticipated delivery date of October 2023. Construction has begun and to date the roof has been replaced and grading of the surrounding area is underway.

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

Status: Due to budgetary constraints, the scope of the project has been reduced to only the USBR's parking lot instead of the entire compound. A RFQ was issued last month and bids were received to coat and stripe the site per Caltrans Standard Specification 37-3 Slurry Seal. American Asphalt has been awarded the contract to slurry seal and stripe the parking lot for the amount of \$59,985.20. The slurry seal of the USBR parking lot has been scheduled for October 5th and 6th, and the striping will occur on October 13th, 2023.

MULTIPLE FACILITIES

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

Status: The Analysis was conducted by Reclamation TSC through a LOA. The onsite surveys for TFO, LBFO, and DCI were completed in September 2022. Final report for LBFO Arc Flash Hazard Analysis has been received. Draft report for DCI Arc Flash Hazard Analysis has been reviewed and responded with feedbacks. TFO Arc Flash Hazard Analysis will be reviewed upon receipt.

SCADA System Evaluation (FY23)

Status: The development of controls and SCADA standards and best practices is in process. Staff is continuing to work on the project, with the following tasks in progress:

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- Developing a plan for obsolescence, remediation and continuous improvement of SCADA and controls;
- Developing plan for testing the security, speed, and proper use of DWR fiber;
- DarkTrace is now being used to monitor OT network to develop a baseline
- Developing a plan for file structure and file backup on new file server;
- This month, staff completed the implementation of new wiring structure and organization plan into the current rack system;
- Finalizing software conversion plan;
- Developing plan to implement CISA and federal cyber security mandated requirements with the least amount of system downtime.



**San Luis & Delta-Mendota Water Authority
OPERATIONS SUMMARY**

NOTE: ALL FIGURES ARE IN ACRE FEET

	August-2023	August-2022
JONES PUMPING PLANT - PUMPED	254,815	166,526
DCI PLANT - PUMPED	27,452	115
DCI PLANT - RETURNED	0	0
O'NEILL P/G PLANT - PUMPED	66,205	36,992
O'NEILL P/G PLANT - GENERATED	827	2,274
DMC DELIVERIES	48,164	34,402
RIVER/WELL/RECYCLE WATER INTO DMC	5,347	2,891
MENDOTA POOL DELIVERIES	116,153	89,458
SHASTA RESERVOIR STORAGE	3,531,000	1,590,200
SAN LUIS RESERVOIR STORAGE	1,771,418	570,426
SLR FEDERAL SHARE	790,851	185,239

	August-2023	August-2022
* SAN LUIS UNIT DELIVERIES	150,429	36,746
SAN LUIS UNIT WELL WATER	0	0
SAN FELIPE UNIT DELIVERIES	15,566	11,162

Jones Pumping Plant monthly average = 4,144 cfs



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
August 2023**

Date: 9/12/23

<u>District/Other</u>	Total Available Water into System (INCOMING) (Acre Feet)	AG/Refuge Deliveries (Acre Feet)	M & I Deliveries (Acre Feet)	Total Deliveries (OUTGOING) (Acre Feet)
Total Pumped @ Jones Pumping Plant	254,815			
Total Pumped @ DCI	(27,452)			
Total Reversed @ DCI	0			
City of Tracy		0	1,567	1,567
Byron Bethany I.D.		447	1	448
West Side I.D.		0	0	0
Banta Carbona I.D.		2	0	2
West Stanislaus I.D.		174	0	174
Patterson I.D.		393	0	393
Del Puerto W.D.		11,158	12	11,170
Central California I.D. - above check #13		2,870	0	2,870
San Luis W.D.- above check #13		0	0	0
Volta Wildlife Mgmt. Area (Fish & Game)		1,799	0	1,799
Fish & Wildlife (Volta) Santa Fe - Kesterson		0	0	0
Grasslands W.D. (Volta)		56	0	56
Total Pumped @ O'Neill PP	(66,205)			
Total Generated @ O'Neill PP	827			
Central California I.D. - below check #13		19,970	0	19,970
Grasslands W.D. (76.05-L)		3,966	0	3,966
Fish & Game Los Banos Refuge (76.05-L)		1,238	0	1,238
Fish & Wildlife Kesterson (76.05-L)		172	0	172
Freitas Unit (76.05-L)		0	0	0
Salt Slough Unit (76.05-L)		849	0	849
China Island (76.05-L)		152	0	152
San Luis W.D. - below check #13		1,456	0	1,456
Panoche W.D.		966	2	968
Eagle Field W.D.		378	0	378
Oro Loma W.D.		35	0	35
Mercy Springs W.D.		0	0	0
Firebaugh Canal W.D. (D.M.C.)		2,083	0	2,083
River and Groundwater well pump-in	3,231			
North Valley Regional Recycled Water Program	2,116			
Change in Canal Storage	74			
Wasteway Flushing and Spill	0			
Total Available in Delta-Mendota Canal	167,406			
TOTAL DELIVERY FROM DELTA-MENDOTA CANAL	(49,746)	48,164	1,582	49,746
Theoretical DMC Delivery to Mendota Pool	117,660			
Total DMC Delivery to MP	105,324			
Estimated (Loss) or Gain in DMC	(12,336)			
Estimated % Loss or Gain in DMC	-4.82%			



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
August 2023**

<u>District/Other</u>	Total Available Water into System (INCOMING) (Acre Feet)	AG/Refuge Deliveries (Acre Feet)	M & I Deliveries (Acre Feet)	Total Deliveries (OUTGOING) (Acre Feet)
Estimated DMC Inflow to MP	105,324			
Mendota Pool Groundwater Well Pump-In	82			
(+)SJRR Releases into Mendota Pool	7,270			
(+)Available Flood Releases from Friant into Mendota Pool	0			
(+)Other San Joaquin River Water	0			
(+)Kings River Flood Releases into Mendota Pool	2,668			
<u>Mendota Pool Delivery Information</u>				
<u>Exchange Contractors:</u>				
Central California Irrigation District (CCID)		64,020	0	64,020
Columbia Canal Company (CCC)		6,036	0	6,036
Firebaugh Canal Water District (FCWD)		5,869	0	5,869
San Luis Canal Company (SLCC)		21,683	0	21,683
<u>Refuge:</u>				
Conveyance Losses		0	0	0
Calif Dept of F/G-LB Unit (CCID)		412	0	412
Calif Dept of F/G-LB Unit (SLCC)		592	0	592
Calif Dept of F/G-Salt Slough Unit (CCID)		283	0	283
Calif Dept of F/G-China Island Unit (CCID)		50	0	50
US Fish & Wildlife-San Luis Refuge (SLCC)		0	0	0
US Fish & Wildlife-Freitas (CCID)		0	0	0
US Fish & Wildlife-Kesterson (CCID)		57	0	57
Grasslands WD (CCID)		1,290	0	1,290
Grasslands WD (SLCC)		0	0	0
Grasslands (Private)		32	0	32
San Luis WD Conveyance (CCID)		176	0	176
Del Puerto WD Conveyance (CCID)		0	0	0
<u>San Joaquin River Restoration Project:</u>				
SJRRP		7,270	0	7,270
<i>Other: (see MP Operations Report)</i>		8,383	0	8,383
<i>Total Available Water in Mendota Pool</i>	115,344			
TOTAL DELIVERY FROM MENDOTA POOL	(116,153)	116,153	0	116,153
*Estimated (Loss) or Gain in Mendota Pool	809			
*Estimated % Loss or Gain in Mendota Pool	0.70%			
Total System Delivery	(165,899)			
*Total Estimated System (Loss) or Gain	(11,527)			
*Total Estimated % System Loss or Gain	-4.25%			

Special Notes:



Jones Pumping Plant
August - 2023

Date	# OF UNITS	TIME ON/OFF	AVG DAILY CFS
1	5	CONTINUOUSLY	4208
2	5	CONTINUOUSLY	4232
3	5	CONTINUOUSLY	4239
4	5	CONTINUOUSLY	4244
5	5	CONTINUOUSLY	4204
6	5	CONTINUOUSLY	4165
7	5	CONTINUOUSLY	4166
8	5-4-5	4 continuously: 1 off 07:00 -14:00	4009
9	5	CONTINUOUSLY	4205
10	5-1-5	09:26-14:08	3828
11	5	CONTINUOUSLY	4219
12	5-2-5	11:14-16:01	3787
13	5	CONTINUOUSLY	4138
14	5	CONTINUOUSLY	4109
15	5	CONTINUOUSLY	4188
16	5	CONTINUOUSLY	4196
17	5	CONTINUOUSLY	4190
18	5	CONTINUOUSLY	4216
19	5	CONTINUOUSLY	4168
20	5	CONTINUOUSLY	4158
21	5	CONTINUOUSLY	4189
22	5	CONTINUOUSLY	4189
23	5	CONTINUOUSLY	4211
24	5	CONTINUOUSLY	4236
25	5	CONTINUOUSLY	4227
26	5	CONTINUOUSLY	4234
27	5-4	4 continuously, 1 off 1846-0000	4056
28	4-5	4 continuously, 1 off 0001-0918	3988
29	5-0-4-5	07:16 - 07:55	3800
30	5	CONTINUOUSLY	4226
31	5	CONTINUOUSLY	4242
AVG CFS for the month			4144



NON-PROJECT WATER CREDITS REPORT
 (ALL FIGURES IN ACRE FEET)
 August 2023 WA Credits

Date: 9/7/23

CREDITS UNDER WARREN ACT CONTRACTS									
Turnout	Start Meter Reading	End Meter Reading	Factor	Adjust	District	Total	Less 5%	Month	Year
3.32-R1	0	0	1	0	BBID	0	0	0	0
3.32-R2	0	0	1	0	BBID	0	0	0	0
3.32-R3	12,924	12,924	1	0	BBID	0	0	0	120
13.31-L	4,804	4,804	1	0	BBID	0	0	0	0
15.11-R	2,974	2,974	1	0	BBID	0	0	0	0
20.42-L	45,093,761	45,587,578	1	0	BCID	1,515	(76)	1,439	6,586
20.42-L	45,093,761	45,587,578	1	0	USBR/FWA	0	0	0	5,619
21.12-L	990	990	1.01	0	DPWD	0	0	0	0
21.86-L	770	770	1	0	DPWD	0	0	0	0
24.38-L	3,081	3,081	1	0	DPWD	0	0	0	0
29.95-R	1,337	1,342	0.87	(4)	DPWD	0	0	0	0
30.43-L	7,464	7,464	1	0	DPWD	0	0	0	0
30.43-R	2,123	2,123	0.92	0	DPWD	0	0	0	0
30.95-L	2,150	2,150	1.03	0	DPWD	0	0	0	0
31.31-L1	87,783	87,783	1	0	WSTAN	0	0	0	0
31.31-L2	87,783	87,783	1	0	DPWD	0	0	0	0
31.31-L3	87,783	87,783	1	0	PID	0	0	0	0
31.60-L	8,183	8,183	0.93	0	DPWD	0	0	0	0
32.35-L	1,794	1,794	0.86	0	DPWD	0	0	0	0
33.71-L	752	753	0.94	(1)	DPWD	0	0	0	0
36.80-L	1,848	1,849	1	(1)	DPWD	0	0	0	0
37.10-L	3,870	3,870	0.94	0	DPWD	0	0	0	0
37.32-L	2,653	2,653	0.91	0	DPWD	0	0	0	0
42.50-R	1,034	1,034	0.96	0	DPWD	0	0	0	0
42.53-L	6,841,176	6,919,226	1	0	PID	0	0	0	0
42.53-L	6,841,176	6,919,226	1	0	DPWD	0	0	0	0
42.53-L	6,841,176	6,919,226	1	0	USBR/FWA	1,792	0	1,792	1,969
43.22-L	55	55	1	0	DPWD	0	0	0	0
48.97-L	028	028	1	0	SLWD	0	0	0	0
50.46-L	6,025	6,025	1.07	0	DPWD	0	0	0	0
51.00-R	297	297	0.89	0	DPWD	0	0	0	0
51.66-L	3,434	3,434	0.98	0	DPWD	0	0	0	0
52.40-L	1,496	1,496	1	0	DPWD	0	0	0	0
58.28-L	3,365	3,367	1.02	(2)	SLWD	0	0	0	0
58.60-L	917	917	0.96	0	DPWD	0	0	0	0
58.73-R	494	494	1	0	DPWD	0	0	0	0
64.85-L	1,663	1,662	0.72	0	DPWD	0	0	0	0
UPPER DMC SUB TOTAL								3,231	14,294



NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)

August 2023 WA Credits

CREDITS UNDER WARREN ACT CONTRACTS									
Turnout	Start Meter Reading	End Meter Reading	Factor	Adjust	District	Total	Less 5%	Month	Year
78.31-L	4,469	4,469	1.08	0	SLWD	0	0	0	0
79.12-R	5,812	5,812	0.91	0	SLWD	0	0	0	0
79.13-L	1,164	1,164	1	0	SLWD	0	0	0	0
79.13-R	4,964	4,964	1.08	0	SLWD	0	0	0	0
79.60-L	5,979	5,979	0.84	0	SLWD	0	0	0	0
80.03-L	834	834	0.94	0	SLWD	0	0	0	0
80.03-R	717	717	1.05	0	SLWD	0	0	0	0
98.60-R	14,194	14,194	1	0	PANOCH/MS	0	0	0	0
98.74-L	5,695	5,695	1.14	0	PANOCH/MS	0	0	0	0
99.24-L	10,493	10,493	0.92	0	PANOCH/MS	0	0	0	0
100.70-L	6,211	6,211	1	0	PANOCH/MS	0	0	0	0
102.04-R	4,088	4,088	1	0	WIDREN WD	0	0	0	0
LOWER DMC SUB TOTAL								0	0
WARREN ACT CONTRACT CREDIT TOTAL								3,231	14,294
TOTAL GROSS PUMP-IN								CREDIT	
TOTAL (BYRON BETHANY IRRIGATION DISTRICT)						0	0	0	0
TOTAL (BANTA CARBONA IRRIGATION DISTRICT)						0	0	0	0
TOTAL (DEL PUERTO WATER DISTRICT)						0	0	0	0
TOTAL (WEST STANISLAUS IRRIGATION DISTRICT)						0	0	0	0
TOTAL (PATTERSON IRRIGATION DISTRICT)						0	0	0	0
TOTAL (SAN LUIS WATER DISTRICT)						0	0	0	0
TOTAL (PANOCH/MS WATER DISTRICT)						0	0	0	0
TOTAL (MERCY SPRINGS WATER DISTRICT)						0	0	0	0
TOTAL (WIDREN WATER DISTRICT)						0	0	0	0
Other Warren Act Conveyance Credit Totals									
Del Puerto Water District:						0	0	0	0
Banta Carbona Irrigation District:						1,515	1,439	6,586	
West Stanislaus Irrigation District:						0	0	0	
Byron Bethany Irrigation District:						0	0	120	
Patterson Irrigation District:						0	0	0	
San Joaquin River Restoration Pump Back BCID:						0	0	5,619	
San Joaquin River Restoration Pump Back PID:						1,792	1,792	1,969	

Notes: 3.32-R, 20.42-L, 31.31-L and 42.53-L are River water



MENDOTA POOL OPERATIONS
2023
 ALL FIGURES IN ACRE-FEET

Date: 9/12/2023

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FRESNO SLOUGH	0	60	0	95	61	84	95	137					532
TPUD	0	18	0	0	0	7	19	20					64
JAMES I.D.	916	2,156	0	28	1,028	1,221	2,413	1,750					9,512
MEYERS	0	0	876	1,638	2,114	2,437	1,868	646					9,579
M.L. DUDLEY & INDART ¹	0	0	206	182	395	414	647	657					2,501
MID VALLEY (Kings River)	0	0	0	1,446	1,949	2,756	1,688	0					7,839
REC. DIST. 1606	0	0	0	0	0	0	0	0					0
STATE FISH & WILDLIFE	199	1,119	42	7	448	463	902	1,478					4,658
TRACTION	170	566	56	0	0	258	237	369					1,656
UNMETERED	40	125	0	0	20	90	300	350					925
Total	409	1,810	98	7	468	811	1,439	2,197	0	0	0	0	7,239
COELHO FAMILY TRUST ²	0	18	0	474	916	1,663	994	190					4,255
TRANQUILITY I.D.	0	678	197	1,261	2,468	3,968	4,703	2,737					16,012
WESTLANDS LATERAL-6	0	0	0	0	0	0	34	0					34
WESTLANDS LATERAL-7	610	477	2,160	2,326	56	461	512	0					6,602
CARVALHO TRUST	0	0	0	41	80	91	92	49					353
TOTAL	1,935	5,217	3,537	7,498	9,535	13,913	14,504	8,383	0	0	0	0	64,522

NUMBERS SHOWN IN **BOLD** WERE REVISED AFTER DISTRIBUTION OF REPORT

1 aka COELHO-GARDNER-HANSEN 2 aka TERRA LINDA FARMS

Article 215 Water

March Westlands WD 2,160 AF
March Meyers 90 AF
April Westlands WD 2,326 AF
April Meyers 90 AF
May Westlands WD 56 AF

Kings River Water

February Tranquility ID 44 AF	June Tranquility ID 3,968 AF
March Tranquility ID 197 AF	June Mid Valley 2,756 AF
March Meyers 486 AF	June Meyers 2,437 AF
April Tranquility ID 1,261 AF	June James ID 1,221 AF
April Mid Valley 1,446 AF	June Triangle T WD 1,529 AF
April Meyers 1,548 AF	June Westlands WD 461 AF
April James ID 28 AF	July Tranquility ID 1303 AF
May Tranquility ID 2,468 AF	July Mid Valley 1688 AF
May Mid Valley 1,949 AF	July Meyers 1868 AF
May Meyers 2,114 AF	July James ID 2413 AF
May James ID 1,028 AF	Aug Meyers 226 AF
May Triangle T WD 1,503 AF	Aug James ID 1,750 AF

Duck Clubs (Percent Full)

BECK	120	PATOS	COLE	TRANQUILITY	1 ACRE
0%	0%	0%	0%	0%	0%

Jan, 2023
 DMC Inflow 3,372 AF
 James Bypass Flows 0 AF

Feb, 2023
 DMC Inflow 18672 AF
 James Bypass Flows 1,619 AF

Mar, 2023
 DMC Inflow 2,341 AF
 James Bypass Flows 162,266 AF

Apr, 2023
 DMC Inflow 0 AF
 James Bypass Flows 247,471 AF

May, 2023
 DMC Inflow 0 AF
 James Bypass Flows 248,598 AF

June, 2023
 DMC Inflow 0 A.F
 James Bypass Flows 193,992 AF

July, 2023
 DMC Inflow 23,852 AF
 James Bypass Flows 104,100 AF

Aug, 2023
 DMC Inflow 105,324 AF
 James Bypass Flows 2,668 AF

Sept, 2023
 DMC Inflow AF
 James Bypass Flows 0 AF

Oct, 2023
 DMC Inflow AF
 James Bypass Flows 0 AF

Nov, 2023
 DMC Inflow AF
 James Bypass Flows 0 AF

Dec, 2023
 DMC Inflow AF
 James Bypass Flows 0 AF



**MENDOTA POOL WELL PUMP IN
2023**
(ALL FIGURES IN ACRE-FEET)

Date: 9/11/23

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
COELHO FAMILY TRUST ¹	0	0	0	0	0	0	0	0					0
M.L. DUDLEY & INDART ²	0	0	0	0	0	0	0	0					0
FORDEL	0	385	45	0	0	0	0	0					430
COELHO WEST	0	0	0	0	0	0	0	0					0
CASACA VINYARDS	0	0	0	0	0	0	0	0					0
DPF	0	0	0	0	0	0	0	0					0
SOLO MIO	0	0	0	0	0	0	0	0					0
BAKER FARMS	0	0	0	0	0	0	0	0					0
FARMERS W.D.	0	0	0	0	0	0	0	0					0
MEYERS	0	0	0	0	0	0	0	0					0
MEYERS BANKED	0	717	0	0	0	0	0	0					717
SILVER CREEK	0	0	0	0	0	0	0	0					0
TRANQUILITY I.D.	0	0	0	0	0	0	0	0					0
FCWD	0	0	0	0	85	123	85	82					375
YRIBARREN FARMS	10	0	0	0	0	0	0	0					10
CARVALHO TRUST	0	0	0	0	0	0	0	0					0
ETCHEGOINBERRY	79	0	0	0	0	0	0	0					79
FRESNO SLOUGH W.D.	0	0	0	0	0	0	0	0					0
LSK-1	50	136	0	0	0	0	0	0					186
TOTAL	139	1,238	45	0	85	123	85	82	0	0	0	0	1,797

NUMBERS SHOWN IN **BOLD** WERE REVISED AFTER DISTRIBUTION OF REPORT

¹ aka TERRA LINDA FARMS

² aka COELHO-GARDNER-HANSEN

Spill Back Credit

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
James ID (per JID)	0	0	0	0	0	0	0	0					0

**TABLE 19: GOVERNOR EDMUND G. BROWN CALIFORNIA AQUEDUCT
SAN LUIS FIELD DIVISION MONTHLY DELIVERIES**

AUGUST 2023

REACH TOTALS	POOL	INFLOW INTO AQUEDUCT	CUSTOMERS	AMOUNT IN AF
R3A 15566			Parks & Rec. @ San Luis Reservoir	0
			Santa Clara Valley Water District	12202
			Casa de Fruta (Santa Clara Valley Water District)	0
			San Benito Water District	3364
R3 783	13		DFG @ O'Neill Forebay	45
	13		Parks & Rec. @ O'Neill Forebay	1
	13		DWR Water Truck at O'Neill 0 AF for Cattle Program @ O'Neill Forebay	0
	13		Santa Nella County Water District	31
	13		San Luis Water District	706
R4 27575	14		City of Dos Palos	144
	14		Pacheco Water District	1049
	14		San Luis Water District	5435
	14		Panoche Water District	59
	15		San Luis Water District	2029
	15		Panoche Water District	5006
	15		Westlands Water District	13853
R5 58875	16		DFG @ Lat. 4L (Pilibos)	0
	16		DFG @ Lat. 4L	0
	16		DFG @ Lat. 6L	0
	16		DFG @ Lat. 7L	0
	16		Westlands Water District	15515
	17		Westlands Water District	15594
	18		City of Coalinga	1474
	18		Pleasant Valley Pumping Plant	12028
	18		Westlands Water District	14264
R6 24433	19		Alta Gas	0
	19		City of Huron (P&R-Area 11) @ Lat. 22R	3
	19		DWR Water Truck @ 22R/F&G @ Lat.22R	0
	19		Lemoore N.A.S. thru WWD 28L,29L,&30L	343
	19		Kings County thru WWD 30L	0
	19		Westlands Water District	24087
R7 23197	20		City of Huron @ Lat. 23R	88
	20		DWR Water Truck @ 23R	0
	20		Westlands Water District	16488
	21		City of Avenal	236
	21		Kings County thru WWD 37L,38L	0
	21		Westlands Water District	6385
150429	0		<---TOTALS--->	150429
TOTALS BY CUSTOMERS				
Inflow Into Aqueduct:				
0 AF TOTAL for PUMP-IN				
0 AF TOTAL for FLOOD				
			Santa Nella County Water District	31
			Pacheco Water District	1049
			San Luis Water District	8170
			Panoche Water District	5065
			Westlands Water District	118214
			AltaGas	0
			City of Huron @ LAT. 23R	88
			City of Huron (P&R/Area 11 @ 22R)	3
			Lemoore N.A.S. thru WWD @ 28L,29L&30L	343
			Kings County thru WWD Laterals in Reach 6	0
			City of Avenal	236
			City of Dos Palos	144
			City of Coalinga	1474
			DFG @ O'Neill Forebay	45
			Pacheco Tunnel	15566
			DFG @ Lateral 4L & 6L & 7L	0
			DWR Water Truck @ 22R/F&G @ Lat.22R	0
			Parks & Recreation	1
			0 AF for DWR Water Truck at O'Neill, 1 AF for Cattle Program @ O'Neill Reservoir	0
			Customers Total:	150429
Pool 12 - Reach 2B				
VA Turnout Use AF = 46				
DWR 3137(Rev.9/15)				150475



Monthly Availability Report

CW "Bill" Jones Pumping Plant

August - 2023

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	744	0.0	0.00%	44.2	5.94%	94.06%	3	Unit 3 Rewind Commissioning Support
Unit-2	744	4.9	0.66%	0.5	0.07%	99.27%	3	Exciter brush holder failure
Unit-3	744	653.3	87.81%	49.7	6.68%	5.51%	8	Unit Rewind Performance Testing
Unit-4	744	0.0	0.00%	0.6	0.08%	99.92%	2	TFCF Trashrack Cleaning Support
Unit-5	744	0.0	0.00%	0.4	0.05%	99.95%	4	TFCF Trashrack Cleaning Support
Unit-6	744	0.0	0.00%	0.6	0.08%	99.92%	7	TFCF Trashrack Cleaning Support
Total	4464	658.2	15%	96.0	2.15%	82.85%	27	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice



Monthly Availability Report

O'Neill Pump/Generating Plant
August - 2023

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts		Comments
							Pump	Gen	
Unit-1	744	0.0	0.00%	0.0	0.00%	100.00%	0	2	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	2	0	
Unit-3	744	0.0	0.00%	0.0	0.00%	100.00%	0	2	
Unit-4	744	0.0	0.00%	0.0	0.00%	100.00%	4	0	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	1	0	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	2	1	
Total	4464	0.0	0%	0.0	0.00%	100.00%	9	5	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice



Monthly Availability Report

DCI Pumping Plant

August - 2023

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	744	0.0	0.00%	0.0	0.00%	100.00%	5	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	5	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	5	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	5	
Total	2976	0.0	0%	0.0	0.00%	100.00%	20	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice