



August 10, 2023

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for August 2023

OPERATIONS DEPARTMENT

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 1-5 units during the month of July. The average rate of pumping for the JPP was 4,064 cfs for the month of July.

Total pumping at the JPP for the month of July was 249,907 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 1,119 acre-feet, and pumped 147,070 acre-feet during the month. 24,788 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 month of July.

The Federal share in the San Luis Reservoir at the end of July was 891,970 acre-feet as compared to 174,370 acre-feet for the end of July 2022.

During the month of July, releases from Friant Dam ranged from 6,005 to 405 cfs with 57,967 acre-feet entering the Mendota Pool during the month. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 6,218 acre-feet for the month of July. During the month of July, an additional 104,100 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:

- Open Channel flow measurement at MP's
76.05
- Pitot Tube flow measurements at MP's
 - 13.25 R 52.40 L 105.56 R
 - 18.05 L 55.85 L
 - 21.25 L 46.19 R
 - 22.20 L 60.54 R A&B
 - 30.33 L 62.67 L
 - 30.34 R 63.96 L
 - 33.07 R 81.08 R
 - 43.22 L 86.71 R
 - 46.83 L 87.35 R

- Serviced flow meters at MP's

8.51 L	33.07 R	39.20 R
20.42 L	33.71 L	39.78 L
28.89 L	34.08 L	40.39 R
29.56 L	34.55 L	45.20 L
30.33 L	35.04 R	45.35 R
30.43 R	35.73 R	45.38 R
31.31 L	36.45 R	
- Bi-weekly meter readings on all active 200+ turnouts
- Inspected Wasteways
 - Westley
 - Newman
 - Volta
 - Firebaugh
- Collected water samples at MP's 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
- Routine patrols
 - DMC
 - Mendota Pool
 - San Luis Drain

Other Activities

- None to report

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

- C-22-JP-91 JPP Unit 3 rewind/annual maintenance
- C-23-JP-23 JPP Unit 3 suction elbow
- C-23-DM-35 Volta Well pump removal and inspect
- C-23-DM-40 DMC MP 48.60

MAINTENANCE DEPARTMENT

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

Jones Pumping Plant

Electrical/C&I Maintenance Crews:

- Troubleshoot and investigate issues with indication on CAA panels
- JPP Unit 3 Rewind Project reassembly of unit
- ¼ Ton monorail hoist crane electrical test and inspection PM
- JPP electrical and supervisory system test and inspection PM
- Emergency lighting inspection PM
- 13KV Switchyard Building PM

Mechanical Maintenance Crews:

- JPP Unit 3 Rewind Project reassembly of unit
- Fabricate new bearing segments for OPP guide bearings
- Assist with OPP domestic water pump bearing rehab and replacement

Civil Maintenance Crews:

- Trash rack cleaning support

O'Neill Pumping/Generating Plant

Electrical/C&I Maintenance Crews:

- OPP emergency lighting test and inspection PM
- OPP station service battery internal resistance test and inspection PM
- OPP station service battery test and inspection PM
- OPP trash rake crane test and inspection PM
- OPP UPS battery internal resistance test and inspection PM
- OPP 5 Ton stop log gantry crane test and inspection PM
- OPP 5 Ton stop log hoist crane test and inspection PM
- OPP 1/2 Ton chain hoist crane test and inspection PM
- OPP Siphon Building compressor installation
- Machine Shop welding equipment test and inspection PM
- OPP compressed air system LP test and inspection
- OPP security gates test and inspection PM
- OPP sump pump 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 Siphon Building compressor automation development program
- OPP 65/10 Ton bridge crane test and inspection PM
- OPP cathodic protection system test and inspection PM
- Portable HVAC repairs

Mechanical Maintenance Crews:

- Installed air rover A/C #11 in compressor room
- OPP 1/2 Ton chain hoist crane test and inspection PM
- OPP sewage system test and inspection PM
- OPP Siphon Building compressor installation
- OPP Unit 4 cooling water pump repairs
- OPP high pressure air compressor test and inspection PM
- OPP compressed air system water cooler supply line investigation and repair
- OPP 1 Ton chain hoist crane test and inspection PM
- OPP Machine Shop tool test and inspection PM
- OPP low pressure air compressor test and inspection PM
- Fabricate new bearing segments for OPP guide bearings
- Portable HVAC repairs

Civil Maintenance Crews:

- Transported new compressors for the Siphon Building

DMC/CA Intertie Pumping Plant

Electrical/C&I Maintenance Crews:

- Electrical Distribution and Control System test and inspection six month PM
- DCI Supervisory check PM

Mechanical Maintenance Crews:

- None to report

Civil Maintenance Crews:

- Monthly Generator PM

Delta-Mendota Canal

Electrical/C&I Maintenance Crews:

- DMC Checks 1 – 12 electrical test and inspection six month PM
- Westley Wasteway drive system electrical test and inspection six month PM
- Check 20 communication loss troubleshoot and repair
- LBFO carport lighting replacement prep and repair
- LBFO HVAC electrical test and inspection PM
- LBFO electric gate test and inspection PM
- Reprogram and troubleshoot McCrometer flow meters along the DMC
- Troubleshoot and repair communication loss at MP 115.90 SonTek flowmeter
- LBFO domestic well pump and tank test and inspection PM

Mechanical Maintenance Crews:

- None to report

Civil Maintenance Crews:

- Mechanical weed control MP 1.00 to 116.00
- HazMat waste inspection
- Trash collection from MP 60.00 to 116.00
- Test can modifications along the DMC
- Repair gates and fences along the DMC from MP 1.00 to 60.00
- Removed CMP pipe and exposed drain inlets per USBR inspection
- Repaired erosion damage from MP 1.00 to 116.00
- Grading of DMC roads from MP 1.00 to 116.00
- Cleaned drain inlets from MP 1.00 to 60.00
- Volta Wasteway road grading

Tracy Field Office

Electrical/C&I Maintenance Crews:

- Quarterly PM for TFO lighting inspection of the Meter Shop
- Quarterly PM of the 2 Ton monorail hoist crane in the Electric Shop
- Quarterly PM of the USBR entry gate test and inspection
- Quarterly PM of the SLDMWA entry gate test and inspection
- Quarterly PM of the 2 Ton monorail hoist crane in the Control Room
- Quarterly Warehouse Lighting test and inspection PM
- Quarterly Control Building emergency lighting test and inspection PM
- Quarterly Canal Maintenance Shop lighting test and inspection PM
- Water Treatment Plant C&I test and inspection PM
- Quarterly PM of the 2 Ton monorail hoist crane in the Maintenance Shop

Mechanical Maintenance Crews:

- Building maintenance and upgrades of the Sand Blast Building
- Installed new restroom door in the Control Building Conference Room

Civil Maintenance Crews:

- Sand Blast Building floor plate maintenance and repair
- Monthly office air filter and lighting PM
- Repaired drain and erosion around 13 KV power line along the intake channel
- Fire extinguisher, eyewash station, first aid and defibrillator inspection PM

- 90 Day BIT inspections and 500 mile oil services
- Breakdown, disposal and installation of new office furniture at TAO
- Water Treatment Plant roof replacement

Other Activities

- Repaired guard rails along the San Luis Drain

USBR Support Services

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

- TFF monorail traveling gripper rake wire cable adjustments and repair
- TFF Hyacinth and Egeria weed removal support
- Delta Cross Channel weed control and bait station prep

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
- DCI U5 control as-built drawings
- DCI Transformer HV bushings test
- Operator C station development
- OPP actuator rod procurement
- OPP SCADA user station development
- OPP insulation tester replacement
- OPP Unit 1 vibration monitor replacement
- DMC check motor replacement
- DMC turnout abandonment procedure development
- OPP Kinney Strainer shaft repair
- OPP compressed air dryer replacement

Land Management Activity Summary

The Engineering staff issued five (5) access permits this month:

- Access permit P2402016 was issued to Kimley/Horn Inc. allowing them to conduct an environment visual field survey for the upcoming bridge expansion project located on the Delta-Mendota Canal at Milepost 7.67 (I-205 Hwy).
- Access permit P2402036 was issued to Central California Irrigation District to repair the existing slant pump discharge pipe located on the Delta-Mendota Canal at MP86.17-R.
- Access permit P2402017 was issued to Del Puerto Water District allowing temporary drafting of water for dust control purposes from the Delta-Mendota Canal at Milepost 43.24-R.
- Access permit P2404018 was issued to Westside Hulling Association allowing them to temporarily stockpile almonds on the Westley wasteway during the field run season.
- Access permit P2402019 was issued to Pacific Gas & Electric to use the Delta-Mendota Canal roadway to access their electrical tower for maintenance.

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

- Orestimba Creek Recharge Project
- Rogers Road Bridge replacement, 65% comments
- Schulte Warehouse Annex, 5th submittal comments

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 July to all SLDMWA staff to include new video provider announcement
 - 7-1-2023 Unsafe Acts
 - 7-2-2023 Job Safety Analysis
 - 7-3-2023 Your Role in Safety
 - 7-4-2023 Ergonomics
- Provided Safety Message for July 2023 Newsletter
 - Workplace Security Awareness.
- Scheduled annual hearing tests for selected employees
- Coordinated USBR Environmental Audit inspections
- Conducted Accident Investigation
- Coordinated the replacement of AED batteries

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
- Completed Contract Specialists 8-month PAR, executed and sent to HR
- Resolved various invoice issues and disputes
- Closed out several pending NetSuite tickets for various issues
- Completed departmental specific instructions on entering a requisition
- Completed first review of internal boilerplates/templates with legal
- Completed first draft of FY25 budget
- Contracts/PO Agreements/LOA's status update:
 - F23-TFF-017- Tension Arm Repairs - contract executed 4/12/23, start date still pending funding from Bureau
 - F24-OPP-003 - Plant Water Storage Tank Rehab - Received two bids on 7/6/2023, over informal threshold. Resoliciting with anticipated release date of 8/1/23
 - F24-TFF-011 - Executed Pipe Plug Diving services agreement 6/7/23, \$34,268.00, change order executed 7/5/23
 - F24-TFO-001 – Slurry Seal Project – <\$60k. RFQ issued and contract awarded to American Asphalt, \$59,985.20, awaiting signatures for contract execution.
 - F24-DMC-012 – DMC Chip Seal Project – Notice of Intent to Award contract sent on 7/20/23, pending board approval
 - F24-OPP-013 – UPS Battery Replacement – solicitation released 7/20/23, bid due date 8/31/2023
 - F24-OPP-009 – Station Battery Replacement – solicitation released 7/5/23, bid due date 8/9/23

- F24-ALL-006 – Heavy Equipment Rental – Pre-solicitation stage, scope of work being developed
- F24-DMC-010 – Diving Services – blanket service, pre-solicitation stage, developing scope of work for contract
- F24-ALL-005 – Biological Survey – blanket service; pre-solicitation stage, scope of work being developed for contract
- F24-TFO-002 – Fuel Delivery Master Contract – pre-solicitation stage
- F24-OPP-015 – CP System Survey Professional Service – contract executed, \$1500.00, 7/21/23
- F24-TFF-016 Wood Grinding and Pole Disposal Contract – pre-solicitation stage, estimated release 8/9/23
- F24-DMC-014 – Flowmeter Phase 3 – pending quote from McCrometer, sole source
- F24-ALL-017 – Storm Drain Vault Cleaning – pending quotes

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 and address invoice disputes as needed
- 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
- Create policies for BYOD with Legal
- FY25 EO&M and 10-Year Plan Budget
- Strategic Plan workshop
- Renewed/Extended AT&T Internet, SDWAN contracts
- FMT contract moved to Citrin Cooper

General Network & Desktop Support:

- Desktop support calls
- Restore LBAO server crash
- Research impacts of CA AB1637 on SLDMWA website
- Added 4 new employees to network

- Installed software to monitor copiers for service and supplies
- Update MAAS360 certificate and Apple Business certificate
- Firewall firmware updates
- AT&T to restore services after cut fiber
- Created editable PDF Asset form
- Quotes for Electrical Engineer laptop
- Added additional settings to email server as recommended by Insurance underwriter
- Verified lateral network activity as reported by Darktrace

Ongoing:

- NetSuite
 - User and Administration
 - Bi-Weekly Implementation Team meetings
 - Monitor Citrin Cooper support activities for NetSuite
- 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
 - (MFA) Multi Factor Authentication vendor SurePassID
 - Cyber Security training and webinars
 - 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
- Troubleshoot Email Autodiscover issues
- Water Operations iPads and new app deployments via MDM
- Deployment Office 2021
- Gate control and request quote from vendor(s)
- 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 BOR

HUMAN RESOURCE DEPARTMENT

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

General Administrative Activities:

- Active Recruitments
 - None to report
- Closed Recruitments
 - Civil Maintenance Worker, Tracy
- Candidates Selected
 - Civil Maintenance Worker, Tracy
- Skills testing
 - Civil Maintenance Worker, Tracy
- New Hire Orientations
 - None to report
- ADA Accommodations
- Updates to CA required Employment Postings

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 (USB)
- 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 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 USBR review is ongoing. The 3rd Admin Draft was released to USBR on 6/2 and waiting clearance to update and release to Policy. CDM Subconsultants completed geoarcheological trench explorations and will prepare the final report over the next couple of reporting periods. Wetland Delineation Report will be completed in the following reporting period. Terracon was awarded a Contract Amendment to complete the final Geotechnical Investigation Phases 2 & 3 in December 2022 and has completed 93% of the CPT's and 90% of the drill holes and 100% of test pits. Terracon encountered subsurface conditions that do not allow for quality sampling conditions given the current drilling method. The team met and decided that a change in drilling method will produce the best sampling outcome with minimal schedule delay. A contract change order is being sought by Terracon due to the unforeseen conditions encountered and will be presented in the next monthly update.

Numerous design data collection efforts have been coordinated and continue to be discussed. This month SLDMWA staff coordinated the sampling of damaged concrete and candidate replacement structures for concrete content characterization. Another USBR team performed site visits of the various bridges and SLDMWA staff is clearing the inlets of numerous drain inlets to accommodate a structural review of the inlet headwalls.

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

EXTRAORDINARY O&M & CAPITAL PROJECTS

been completed. USBR is awaiting spare parts from the contractor to issue final acceptance. SLDMWA activities to integrate the pumps into SCADA will be completed in August. Reclamation staff recently completed the required environmental clearance to allow all six (6) pumps to operate concurrently.

DMC Turnout Flowmeter Upgrade Program – Phase 3 (FY23)

Status: Recent revisions in the number of flowmeters that need to be upgraded, as per feedback from the operations team. Staff have provided McCrometer with the final meter list and specs and are now awaiting final quote. A single-source contract will be pursued. Contract is expected to be executed within the next few months.

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

Status: The formal Invitation for Bid (IFB) was sent out on July 10, 2023. Two bids were received on July 19, 2023 with the successful bidder being Talley Oil, Inc. A Notice of Intent to Award letter was sent out to Talley Oil, Inc. contracting the amount of the project totaling \$310,229.72 pending board approval. Work is tentatively scheduled for late September 2023.

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. This month, Reclamation and SLDMWA reviewed the 90% Technical Specifications and Drawings and review comments were provided on 6/28/2023. The SpecC review was completed this month. The 100% design package (SpecB) is scheduled for completion in August 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. SLDMWA submitted the project description and project justification as requested by Reclamation.

JPP Wear Ring Purchase (FY22)

Status: No activity

JPP Unit No. 3 Rewind

Status: Jones Unit 3 rewind is underway. All contractor work is completed. The unit is currently being reassembled by SLDMWA crews. Performance testing is scheduled for the third week of August and the unit is expected to return to service following the test. Overall the rewind is on schedule and the unit is scheduled to return to service in August 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

EXTRAORDINARY O&M & CAPITAL PROJECTS

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 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 18, 2023 and ending October 6, 2023 (three weeks). CVO has given the approval for units 2 and 6 outage, which are the two units the UZ11A Switchgear Building provides 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. Technical specifications that incorporate the Geotechnical Report prepared by a consultant are currently being prepared in order to formally solicit for construction. The design drawings have been completed. Currently, the project engineer is actively engaged in developing the project specifications which are 60% complete.

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 confirms the insulating oil are still in good condition. CEI submitted data for the Contract Document Management System (CDMS), which has been reviewed and approved by SLDMWA and Reclamation TSC. The CDMS is still being processed and expected to be operational on August 15th. Due to the absence of Pennsylvania Transformers Inc. (PTI, transformer OEM) for a couple of months, 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.

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 a BIL application. Developing

EXTRAORDINARY O&M & CAPITAL PROJECTS

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.

OPP UPS Battery Charging System Replacement (FY22)

Status: Staff has created a contract scope of work and will be soliciting quotes early August. 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 has created a contract scope of work and will be soliciting quotes . A site walk was conducted with 2 contractors and bids are due early in August 2023. 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: No activities this month. Staff is awaiting an outage in order to install the final 2 units. The other four (4) consoles have been installed and are fully operational.

OPP Plant Water Storage Tanks Rehabilitation (FY24)

Status: The non-mandatory pre-bid site walk was held this month, with two contractors participating. Two bids were received on 7/7/2023. The bid amounts exceeded our policy limits for informal bidding procedures. As a result, the project will be re-bid under the formal bidding procedures in early August.

OPP Cooling Water System Rehabilitation Design (FY24)

Status: It was decided to perform the designs with internal staff. Rehabilitation is anticipated to be a replacement in kind, with minor modernizations and improvements. In depth design services will not be required.

OPP Sand Filter System Rehabilitation Design (FY24)

Status: It was decided to perform the designs with internal staff. Rehabilitation is anticipated to be a replacement in kind, with minor modernizations and improvements. In depth design services will not be required. Given the difficulty of replacing these large tanks within the building with no easy access path, the project will now target rehabilitating the existing tanks. 1 of the 5 tanks will be taken out of service for inspection and rehabilitation. If it is determined that the existing tank can be placed back in service and provide 15 years of reliable operation, the other tanks will receive the same rehabilitation.

EXTRAORDINARY O&M & CAPITAL PROJECTS

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (FY20)

Status: Replacement water treatment equipment has been ordered with an anticipated delivery date of September 2023. Construction has begun on the building roof replacement. Anticipated completion of the new roof is August 2023. The design for site grading and drainage plans has been finalized with the construction tentatively scheduled for August 2023. The project is currently in construction. The roof support structure has been replaced, and the roof membrane will be installed early August. The sloping of the soils around the water treatment plant will be corrected during the month of August.

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

Status: Due to budgetary constraints, work will be focus on USBR's parking lot this year. A RFQ to coat and stripe the site per Caltrans Standard Specification 37-3 Slurry Seal has been issued. Received best and final offer from American Asphalt to Slurry Seal and stripe the parking lot totaling \$59,985.20. The vendor has submitted all required documents including bid bond and the Authority will be moving forward in August with an award for the project.

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. The Arc Flash Hazard Analysis Reports are expected to be completed by September 2023. The Ongoing engineering support has been provided to TSC for DCI Arc Flash Hazard Analysis regarding recommendations from Arc Flash Hazard Analysis 2013. A draft report for LBFO was received and reviewed.

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:

- 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; Implementing the second step of cyber security device (DarkTrace);
- Developing a plan for file structure and file backup on new file server;
- Implementing new wiring structure and organization plan into current rack system;
- Developing a plan to implement new active directory server into current system with minimal downtime;
- Finalizing software conversion plan;

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- Developing plan to implement CISA and federal cyber security mandated requirements with the least amount of system downtime; and
- Developing plan for remediation of controls and communication for siphon house alerts.
- No new developments this month.



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

NOTE: ALL FIGURES ARE IN ACRE FEET

	June-2023	June-2022
JONES PUMPING PLANT - PUMPED	210,372	54,198
DCI PLANT - PUMPED	11,014	0
DCI PLANT - RETURNED	0	0
O'NEILL P/G PLANT - PUMPED	160,532	7,595
O'NEILL P/G PLANT - GENERATED	1,891	16,527
DMC DELIVERIES	40,508	30,305
RIVER/WELL/RECYCLE WATER INTO DMC	4,796	4,314
MENDOTA POOL DELIVERIES	114,059	97,370
SHASTA RESERVOIR STORAGE	4,274,600	1,777,100
SAN LUIS RESERVOIR STORAGE	1,961,256	790,899
* FEDERAL SHARE	961,072	255,786

	June-2023	June-2022
*SAN LUIS UNIT DELIVERIES	17,273	11,814
SAN LUIS UNIT WELL WATER	0	0
SAN FELIPE UNIT DELIVERIES	6,489	8,111

Jones Pumping Plant monthly average = 3,522 cfs



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

Date: 7/17/23

<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	210,372			
Total Pumped @ DCI	(11,014)			
Total Reversed @ DCI	0			
City of Tracy		0	1,429	1,429
Byron Bethany I.D.		580	1	581
West Side I.D.		0	0	0
Banta Carbona I.D.		0	0	0
West Stanislaus I.D.		84	0	84
Patterson I.D.		336	0	336
Del Puerto W.D.		11,879	9	11,888
Central California I.D. - above check #13		2,912	0	2,912
San Luis W.D.- above check #13		0	0	0
Volta Wildlife Mgmt. Area (Fish & Game)		350	0	350
Fish & Wildlife (Volta) Santa Fe - Kesterson		0	0	0
Grasslands W.D. (Volta)		682	0	682
Total Pumped @ O'Neill PP	(160,532)			
Total Generated @ O'Neill PP	1,891			
Central California I.D. - below check #13		13,925	0	13,925
Grasslands W.D. (76.05-L)		3,734	0	3,734
Fish & Game Los Banos Refuge (76.05-L)		164	0	164
Fish & Wildlife Kesterson (76.05-L)		0	0	0
Freitas Unit (76.05-L)		429	0	429
Salt Slough Unit (76.05-L)		497	0	497
China Island (76.05-L)		0	0	0
San Luis W.D. - below check #13		1,430	0	1,430
Panoche W.D.		888	2	890
Eagle Field W.D.		349	0	349
Oro Loma W.D.		25	0	25
Mercy Springs W.D.		0	0	0
Firebaugh Canal W.D. (D.M.C.)		803	0	803
River and Groundwater well pump-in	2,637			
North Valley Regional Recycled Water Program	2,159			
Change in Canal Storage	(215)			
Wasteway Flushing and Spill	(266)			
Total Available in Delta-Mendota Canal	45,032			
TOTAL DELIVERY FROM DELTA-MENDOTA CANAL	(40,508)	39,067	1,441	40,508
Theoretical DMC Delivery to Mendota Pool	4,524			
Total DMC Metered Delivery to MP	0			
Estimated (Loss) or Gain in DMC	(4,524)			
Estimated % Loss or Gain in DMC	-2.13%			



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

District/Other	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	0			
Mendota Pool Groundwater Well Pump-In	123			
(+)SJRRP Releases into Mendota Pool	5,990			
(+)Available Flood Releases from Friant into Mendota Pool	77,139			
(+)Other San Joaquin River Water	0			
(+)Kings River Flood Releases into Mendota Pool	193,992			
<u>Mendota Pool Delivery Information</u>				
<u>Exchange Contractors:</u>				
Central California Irrigation District (CCID)		62,699	0	62,699
Columbia Canal Company (CCC)		4,701	0	4,701
Firebaugh Canal Water District (FCWD)		5,823	0	5,823
San Luis Canal Company (SLCC)		18,921	0	18,921
<u>Refuge:</u>				
Conveyance Losses		0	0	0
Calif Dept of F/G-LB Unit (CCID)		55	0	55
Calif Dept of F/G-LB Unit (SLCC)		234	0	234
Calif Dept of F/G-Salt Slough Unit (CCID)		165	0	165
Calif Dept of F/G-China Island Unit (CCID)		0	0	0
US Fish & Wildlife-San Luis Refuge (SLCC)		0	0	0
US Fish & Wildlife-Freitas (CCID)		143	0	143
US Fish & Wildlife-Kesterson (CCID)		0	0	0
Grasslands WD (CCID)		897	0	897
Grasslands WD (SLCC)		25	0	25
Grasslands (Private)		347	0	347
San Luis WD Conveyance (CCID)		146	0	146
Del Puerto WD Conveyance (CCID)		0	0	0
<u>San Joaquin River Restoration Project:</u>				
SJRRP		5,990	0	5,990
Other: (see MP Operations Report)		13,913	0	13,913
Total Available Water in Mendota Pool	277,244			
TOTAL DELIVERY FROM MENDOTA POOL	(114,059)	114,059	0	114,059
*Estimated (Loss) or Gain in Mendota Pool	(163,185)			
*Estimated % Loss or Gain in Mendota Pool	-58.86%			
Total System Delivery	(154,567)			
*Total Estimated System (Loss) or Gain	(167,709)			
*Total Estimated % System Loss or Gain	-33.94%			

Special Notes: Flood Releases from Friant Dam and Pine Flat Dam



Jones Pumping Plant
June - 2023

Date	# OF UNITS	TIME ON/OFF	AVG DAILY CFS
1	5	CONTINUOUSLY	4225
2	5	CONTINUOUSLY	4237
3	5	CONTINUOUSLY	4234
4	5	CONTINUOUSLY	4278
5	5	CONTINUOUSLY	4263
6	5-1-5	07:00 off; 21:45-23:58 on	2096
7	5	CONTINUOUSLY	4221
8	5-4	00:01 off	3526
9	4	CONTINUOUSLY	3511
10	4	CONTINUOUSLY	3511
11	4	CONTINUOUSLY	3493
12	4-0-5	07:54 off, 16:26 on	2496
13	5-0-4	07:48 off, 16:15 on	2530
14	4-0-4	8:00 off, 16:16 on	2346
15	4-0-4	08:00 off, 16:14 on	2357
16	4-0-5	08:01 off, 16:18 on	2623
17	5	CONTINUOUSLY	4250
18	5	CONTINUOUSLY	4210
19	5	CONTINUOUSLY	4213
20	5	CONTINUOUSLY	4216
21	4	CONTINUOUSLY	3504
22	4	CONTINUOUSLY	3532
23	4	CONTINUOUSLY	3536
24	4	CONTINUOUSLY	3486
25	4	CONTINUOUSLY	3517
26	4	CONTINUOUSLY	3512
27	4	CONTINUOUSLY	3133
28	4	CONTINUOUSLY	3529
29	4	CONTINUOUSLY	3543
30	4	CONTINUOUSLY	3543
31	4	CONTINUOUSLY	
AVG CFS for the month			3522



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

Date: 7/7/23

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	43,328,223	44,232,933	1	0	BCID	2,776	(139)	2,637	2,637
20.42-L	43,328,223	44,232,933	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	1,337	0.87	0	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	2,149	2,150	1.03	(1)	DPWD	0	0	0	0
31.31-L1	87,780	87,782	1	(2)	WSTAN	0	0	0	0
31.31-L2	87,780	87,782	1	0	DPWD	0	0	0	0
31.31-L3	87,780	87,782	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	751	751	0.94	0	DPWD	0	0	0	0
36.80-L	1,847	1,848	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	6,841,176	1	0	PID	0	0	0	0
42.53-L	6,841,176	6,841,176	1	0	DPWD	0	0	0	0
42.53-L	6,841,176	6,841,176	1	0	USBR/FWA	0	0	0	177
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	3,365	1.02	0	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	1,662	1,662	0.72	0	DPWD	0	0	0	0
UPPER DMC SUB TOTAL								2,637	8,553



NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)

June 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								2,637	8,553
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	8,553	8,553
TOTAL (PATTERSON IRRIGATION DISTRICT)						0	0	8,553	8,553
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:						2,776	2,637	2,637	2,637
West Stanislaus Irrigation District:						0	0	0	0
Byron Bethany Irrigation District:						0	0	120	120
Patterson Irrigation District:						0	0	0	0
San Joaquin River Restoration Pump Back BCID:						0	0	5,619	5,619
San Joaquin River Restoration Pump Back PID:						0	0	177	177

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: 7/10/2023

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FRESNO SLOUGH	0	60	0	95	61	84							300
TPUD	0	18	0	0	0	7							25
JAMES I.D.	916	2,156	0	28	1,028	1,221							5,349
MEYERS	0	0	876	1,638	2,114	2,437							7,065
M.L. DUDLEY & INDART 1	0	0	206	182	395	414							1,197
MID VALLEY (Kings River)	0	0	0	1,446	1,949	2,756							6,151
REC. DIST. 1606	0	0	0	0	0	0							0
STATE FISH & WILDLIFE	199	1,119	42	7	448	463							2,278
TRACTION	170	566	56	0	0	258							1,050
UNMETERED	40	125	0	0	20	90							275
Total	409	1,810	98	7	468	811	0	0	0	0	0	0	3,603
COELHO FAMILY TRUST 2	0	18	0	474	916	1,663							3,071
TRANQUILITY I.D.	0	678	197	1,261	2,468	3,968							8,572
WESTLANDS LATERAL-6	0	0	0	0	0	0							0
WESTLANDS LATERAL-7	610	477	2,160	2,326	56	461							6,090
CARVALHO TRUST	0	0	0	41	80	91							212
TOTAL	1,935	5,217	3,537	7,498	9,535	13,913	0	0	0	0	0	0	41,635

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

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

Article 215 Water

January James ID 916 AF
February James ID 2156 AF
March Meyers 90 AF
April Meyers 90 AF

Kings River Water

February Tranquility ID 44 AF
March Tranquility ID 197 AF
March Meyers 486 AF
April Tranquility ID 1,261 AF
April Mid Valley 1,446 AF
April Meyers 1,548 AF
April James ID 28 AF
May Tranquility ID 2,468 AF
May Mid Valley 1,949 AF
May Meyers 2,114 AF
May James ID 1,028 AF
June Tranquility ID 3968 AF
June Mid Valley 2756 AF
June Meyers 2437 AF
June James ID 1221 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 AF
 James Bypass Flows 0 AF

Aug, 2023
 DMC Inflow AF
 James Bypass Flows 0 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: 7/10/23

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
COELHO FAMILY TRUST ¹	0	0	0	0	0	0							0
M.L. DUDLEY & INDART ²	0	0	0	0	0	0							0
FORDEL	0	385	45	0	0	0							430
COELHO WEST	0	0	0	0	0	0							0
CASACA VINYARDS	0	0	0	0	0	0							0
DPF	0	0	0	0	0	0							0
SOLO MIO	0	0	0	0	0	0							0
BAKER FARMS	0	0	0	0	0	0							0
FARMERS W.D.	0	0	0	0	0	0							0
MEYERS	0	0	0	0	0	0							0
MEYERS BANKED	0	717	0	0	0	0							717
SILVER CREEK	0	0	0	0	0	0							0
TRANQUILITY I.D.	0	0	0	0	0	0							0
FCWD	0	0	0	0	85	123							208
YRIBARREN FARMS	10	0	0	0	0	0							10
CARVALHO TRUST	0	0	0	0	0	0							0
ETCHEGOINBERRY	79	0	0	0	0	0							79
FRESNO SLOUGH W.D.	0	0	0	0	0	0							0
LSK-1	50	136	0	0	0	0							186
TOTAL	139	1,238	45	0	85	123	0	0	0	0	0	0	1,630

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

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

Revised 7/14/23

JUNE 2023

REACH TOTALS	POOL	INFLOW INTO AQUEDUCT	CUSTOMERS	AMOUNT IN AF
R3A 6490			Parks & Rec. @ San Luis Reservoir	1
			Santa Clara Valley Water District	5585
			Casa de Fruta (Santa Clara Valley Water District)	0
			San Benito Water District	904
R3 457	13		DFG @ O'Neill Forebay	11
	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	30
	13		San Luis Water District	415
R4 31994	14		City of Dos Palos	125
	14		Pacheco Water District	1368
	14		San Luis Water District	6313
	14		Panoche Water District	56
	15		San Luis Water District	2496
	15		Panoche Water District	6538
	15		Westlands Water District	15098
R5 68376	16		DFG @ Lat. 4L (Pilibos)	0
	16		DFG @ Lat. 4L	80
	16		DFG @ Lat. 6L	0
	16		DFG @ Lat. 7L	0
	16	5	Westlands Water District	16308
	17		Westlands Water District	16679
	18		City of Coalinga	944
	18		Pleasant Valley Pumping Plant	16968
	18		Westlands Water District	17397
R6 33031	19		Alta Gas	0
	19		City of Huron (P&R-Area 11) @ Lat. 22R	2
	19		DWR Water Truck @ 22R/F&G @ Lat.22R	0
	19		Lemoore N.A.S. thru WWD 28L,29L,&30L	165
	19		Kings County thru WWD 30L	1003
	19		Westlands Water District	31861
R7 27209	20		City of Huron @ Lat. 23R	70
	20		DWR Water Truck @ 23R	0
	20		Westlands Water District	18961
	21		City of Avenal	219
	21		Kings County thru WWD 37L,38L	0
	21		Westlands Water District	7959
167557	5		<---TOTALS--->	167557
TOTALS BY CUSTOMERS				
Inflow Into Aqueduct:				
5 AF TOTAL for PUMP-IN				
0 AF TOTAL for FLOOD				
			Santa Nella County Water District	30
			Pacheco Water District	1368
			San Luis Water District	9224
			Panoche Water District	6594
			Westlands Water District	141231
			AltaGas	0
			City of Huron @ LAT. 23R	70
			City of Huron (P&R/Area 11 @ 22R)	2
			Lemoore N.A.S. thru WWD @ 28L,29L&30L	165
			Kings County thru WWD Laterals in Reach 6	1003
			City of Avenal	219
			City of Dos Palos	125
			City of Coalinga	944
			DFG @ O'Neill Forebay	11
			Pacheco Tunnel	6489
			DFG @ Lateral 4L & 6L & 7L	80
			DWR Water Truck @ 22R/F&G @ Lat.22R	0
			Parks & Recreation	2
			0 AF for DWR Water Truck at O'Neill, 1 AF for Cattle Program @ O'Neill Reservoir	0
			Customers Total:	167557
Pool 12 - Reach 2B VA Turnout Use AF = 45				
DWR 3137(Rev.9/15)				167602



Monthly Availability Report

CW "Bill" Jones Pumping Plant

June - 2023

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	723	0.0	0.00%	0.0	0.00%	100.00%	3	
Unit-2	723	0.0	0.00%	0.0	0.00%	100.00%	5	
Unit-3	723	720.0	99.59%	0.0	0.00%	0.41%	0	
Unit-4	723	5.3	0.73%	0.0	0.00%	99.27%	6	
Unit-5	723	0.0	0.00%	0.0	0.00%	100.00%	6	
Unit-6	723	0.0	0.00%	0.0	0.00%	100.00%	6	
Total	4338	725.3	17%	0.0	0.00%	83.00%	26	

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
June - 2023

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts		Comments
							Pump	Gen	
Unit-1	723	0.0	0.00%	0.0	0.00%	100.00%	1	0	
Unit-2	723	0.0	0.00%	0.0	0.00%	100.00%	3	0	
Unit-3	723	0.0	0.00%	0.0	0.00%	100.00%	1	0	
Unit-4	723	0.0	0.00%	0.0	0.00%	100.00%	1	0	
Unit-5	723	0.0	0.00%	0.0	0.00%	100.00%	5	5	
Unit-6	723	0.0	0.00%	0.0	0.00%	100.00%	4	0	
Total	4338	0.0	0%	0.0	0.00%	100.00%	15	5	

Notes:

(1) Planned maintenance

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



Monthly Availability Report

DCI Pumping Plant
June - 2023

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	723	0.0	0.00%	58.2	8.05%	91.95%	3	
Unit-2	723	0.0	0.00%	58.2	8.05%	91.95%	3	
Unit-5	723	0.0	0.00%	58.2	8.05%	91.95%	3	
Unit-6	723	0.0	0.00%	58.2	8.05%	91.95%	3	
Total	2892	0.0	0%	232.8	8.05%	91.95%	12	

Notes:

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