



February 09, 2023

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for January 2023

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated with 2-5 units for the month of January. The average rate of pumping for the JPP during the month was 3,790 cfs.

Total pumping at the JPP for the month of January was 233,060 acre-feet. The O'Neill Pump/Generating Plant (OPP) generated 0 acre-feet, and pumped 212,536 acre-feet during the month of January. 24,352 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 January.

The Federal share in the San Luis Reservoir at the end of January was 496,809 acre-feet as compared to 102,386 acre-feet for end of January 2022.

During the month of January, releases from Friant Dam ranged from 543 to 6,610 cfs with 61,212 acre-feet entering the Mendota Pool. Flows past the Mendota Dam for the San Joaquin River Restoration Program (SJRRP) were 3,907 acre-feet for January.

Canal Operations staff performed open channel and closed-pipe flow measurements, routine patrols, wasteway inspections, bi-weekly meter readings, water samples, well soundings, and routine meter maintenance during the month of January. Several members of the Canal Operations Department also attended the Water Measurement Workshop at the Irrigation Training & Research Center located at Cal-Poly in Sal Luis Obispo.

Control Operations switching/clearance placements performed this month:

- C-22-JP-79 Volta West Well Repair
- C-22-JP-91 JPP Unit 3 Rewind/Annual Maintenance
- C-22-JP-92 JPP Unit 3 Suction Elbow
- C-22-JP-93 OPP Unit 1 Distributor Oil Leak Repair
- C-23-DMC-01 Divers Inspection MP 88.61 pipeline crossing
- C-23-JP-02 Divers Inspection MP 41.53 Right
- C-23-JP-03 JPP Unit 1 Pump Bearing Inspection
- C-23-DCI-04 DCI Unit 3 Inspect and test PF capacitors
- C-23-DCI-05 DCI Unit 4 Inspect and test PF capacitors

Plant Maintenance Department

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

Electrical/C&I Staff:

- JPP Unit 3 Rewind
- JPP sewer system controls
- JPP Unit 1 lube oil pump
- JPP sewer system controller repair
- TAO lighting system exit signs
- TFO UPS battery PM
- TFO station service battery PM
- TFO SLDMWA entry gate repairs
- DMC Subsidence Project utility locating
- DMC Check 1 communication and motor PM
- DMC Check 7 gate motor investigation and repair
- DMC Check 8 gate three investigation and repair
- DMC Check 1-12 UPS battery system PM's and repairs
- DCI Unit 3 & 4 assistance
- LBAO PM's
- LBFO PM's
- DMC Newman Wasteway PM
- DMC Westley Wasteway PM
- Check 7 gate power cable removal, repair, and reinstall
- Check 21 upstream elevation mounting bracket fabrication and installation
- Check 21 level adjustments and SCADA graphics on OPP-1 PC
- OPP Unit 6 flowmeter readout troubleshoot and repair
- OPP Unit 1 distributor oil leak shaft repair and reassembly
- OPP Plant PM's
- OPP Avaya phone system reprogramming and organization
- OPP siphon breaker fresh air fan rehabilitation and new motor installation
- OPP lighting upgrades
- LBAO HVAC repairs
- LBAO alarm system troubleshooting
- Installed new motor operated valve on the East Volta Well flush water system

Mechanical Staff:

- JPP trash rack cleaning
- JPP trash rake festoon cable trolley wheel repairs
- JPP sewer pump #1 repair
- JPP Kinney strainer Rehab
- JPP Unit 1 wheel pit flood repairs
- JPP Unit 1 pump bearing disassembly, repair, and assembly
- JPP Unit 3 Rewind support work for NEC
- JPP Unit 3 Rewind
- JPP butterfly valve oil pump PM's
- JPP routine sandblasting and painting
- JPP plant checks and PM's
- JPP wheel pit pump PM's
- Water treatment plant plumbing repairs

- Water treatment plant float switch repair
- TFO center tube access pump replacement
- JPP unit oil samples
- Carwash PM
- Airwash PM
- Sand filter PM's
- Crane and hoists PM's
- Routine sandblast/painting
- JPP trash rake rehabilitation
- OPP Plant PM's
- OPP domestic water inlet screen pulled, inspected and cleaned
- OPP Plant checks and back wash filters
- OPP unit distributor oil leak shaft repair and reassembly
- OPP Unit 1 actuator rod rehabilitation
- OPP spare actuator rod rehabilitation
- Check 7 gates 1 & 2 motor alignment
- Check 8 gate 3 motor alignment
- OPP trash rack cleaning
- OPP shop cleanup
- OPP lakeside trash rack cleaning

USBR Support Services

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

- TFCF trash rake support

Civil Maintenance Department

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

- Mowing of DMC right-of-way
- LBFO building PM's
- Hauled concrete blocks and rock to the bridge at MP 41.49 to protect the damaged liner sections
- Cleaned JPP trash racks (12-hour shifts)
- Storm patrol along the DMC
- Inspect drain inlets, over chutes and culverts
- Garbage collection on DMC and Wasteways
- Chemical and mechanical weed control on DMC and SLD
- Maintenance and repairs to float lines, signs, fences, guard rails and gates
- Repaired the failed levee section at Salado Creek
- Repaired farm bridges at MP 34.89 and 35.39
- New employee Class A driver training
- Assisted with louver cleaning at TFCF
- San Luis Drain sign repairs and replacement
- Started repairs to the flood damaged bridge and canal liner at MP 41.49
- Removed painted graffiti along the DMC
- DMC pot hole and road repair
- Fabricated steel plates for the dive team to be installed at MP 88.61 and 89.93
- DMC erosion inspection and repair
- Cleaned drain inlets along the DMC

- TFO yard maintenance
- LBFO yard maintenance
- Provide support to OPP (boom truck and trash racks)

Engineering Department

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

- DMC seepage monitoring @ MP 20.15L
- Data management of well readings and creation of Warren Act hydrographs
- DCI U3 & U4 pump installation engineering support
- DCI U3 & U4 SCADA development
- OPP Unit 1 & 3 generator switchgear transfer switch repair
- OPP SCADA user station development
- JPP OPERATOR2 server replacement
- OPP Kinney strainer purchase
- DCI cathodic protection system improvement
- TFO & JPP electrical PM program
- Ongoing support for Salado Creek levee and 41.49 farm bridge repairs

2022 DMC Pumpback Project

- Final report completed including summary of activities, and plan set
- Final invoicing completed

Land Management Activity Summary

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

- Access permit P2302036 was issued to Byron-Bethany Irrigation District authorizing them to install a temporary turnout near Milepost 13.68-R on the Delta-Mendota Canal right-of-way.
- Access permit P2302038 was issued to Byron-Bethany Irrigation District authorizing them to repair/replace the existing pipeline crossing attached to the farm bridge located at Milepost 15.11 on the Delta-Mendota Canal right-of-way.
- Access permit P2302040 was issued to Pacific Gas & Electric authorizing them to access their overhead 230kV electrical power lines for maintenance near Milepost 68.03-R on the Delta-Mendota Canal right-of-way.
- Access permit P2302041 was issued to Forensic Analytical Consulting Services to access the bridge crossing a Milepost 9.29 (International Parkway) in order to conduct pre-bridge construction survey.

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

- Orestimba Creek Recharge Project
- City of Tracy commercial developments
- City of Patterson – Roger Road developments & Baldwin Ranch comments
- Nees Avenue Bridge Replacement Project
- I-205 Bridge Replacement Project
- PG&E pipeline replacement at MP 92.73
- Koster Road Bridge guardrail extension with San Joaquin County
- City of Tracy Schulte Warehouse Annex
- Black Gulch Creek license renewal
- Lammers Road Bridge Replacement Project

Safety Department

The Safety Department worked on the following items this month:

- Provided Job Hazard Analysis support for the crews.
- Assisted Yorke Engineer with a tour of Tracy Facilities to revise Spill Prevention, Control and Countermeasures Plan due from an Alameda County Hazardous Materials inspection.
- Sent out Weekly Safety Tailgate Topics :
 - 1-1-2023 Top Ten OSHA Violations
 - 1-2-2023 Emergency Evacuation Procedures
 - 1-3-2023 Job Hazard Analysis
 - 1-4-2023 SPCC Plan
 - 1-5-2023 IPP/Code of Safe Work Practices
- Provided Risk of Sitting Too Much Safety Message for January 2023 Water Authority Newsletter
- Provide rescue standby refresher training at OPP
- Conducted new hire safety orientation and FHECP Training for Garrett Guilford, Hydro Tech II and Michael Favalora, Senior Mechanical Engineer

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
- WAM manager completed mandatory sexual harassment training
- Staff worked with maintenance to get additional warehouse roof leaks repaired
- Completed Procurement Activity Report
- Resolved various invoice issues and disputes
- Contracts/PO Agreements/LOA's Status Update:
 - F22-OPP-059 - OPP Main Transformer Rehabilitation – Site walk completed on 1/31
 - F22-JPP-071- UZ11A Switchgear Bushing Box Replacement Materials – All materials have been received and waiting to be scheduled
 - F23-TFO-013, Landscape Maintenance – RFQ Released, quotes due 2/7
 - Issued PO4962 for DMC levee repair soil compaction testing- \$3,097
 - Issued PO4923 for the purchase of three 2023 Toyota trucks, CMAS contract
 - F23-TFF-017- Tension Arm Repairs, Contract prepared, Bureau requirements added, contract ready for execution
 - F23-ALL-016 NetSuite Support Services contract executed 1/13/23, FMT Consultants

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:

- NetSuite
 - User and administration
 - Bi-Weekly Implementation Team meetings
 - Reviewed FTC contract, FTC will sign WA Contract and add theirs along with SOW as addendums
- Assisted with monthly FAC, WRC and BOD meetings with Zoom
- Desktop support calls.
- Server refresh hardware order placed
- Upgrading/replacing copiers
 - Caltronics; awaiting delivery
- Monitor Symantec Anti-Virus Management Console
- Security updates on servers
- Monitor firewall
- Update additional AV security settings
- Multi Factor Authentication vendor SurePass
- Cyber Security Incidence Response Plan
- Disaster Recovery Plan
- Business Continuity Plan
- Cyber Security Team
- FirstNet deploying iPhones and iPad SIMS
- MDM IBM (MAAS360) monitoring
- Reviewed InfraGard dispatches – FBI Cyber Security group
 - FBI InfraGard site hacked and data stolen
- Cyber Security training and webinars
- WAM servers, prepping for redeployment
- Troubleshoot ongoing Email autodiscover issues after WEB Site move
- Completed Darktrace evaluation for Cyber Security Monitoring
- Support of Water Operations iPads and new app deployments via MDM
- File sharing/collaboration software solutions
- Working with Brandon Souza RE: USBR Work Request email process
- Create deployment packages for Office 2019 and 2021 and install in test environment and deploy to two users for testing in WA environment
- Backup appliance replacement/replacement received
- Installed/tested camera for Brown Act requirements in Board Room
- Research of gate control and request quote from vendor
- Prepare PO's for FY24 budget year

HR Department

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

General Administrative Activities:

- Active Recruitments:
 - Hydro Electric Electrician, Tracy (continued recruitment, skills testing scheduled)
 - Mechanical Engineer, Tracy (continued recruitment)
- Closed Recruitments:
 - Heavy Equipment Operator (skills testing scheduled - TBD)
 - Control Operator, Tracy (selection TBD)
- Candidates Selected:
 - Senior Mechanical (Plant) Engineer
 - Control Operator, Tracy
- Background checks for PIV cards (continuing)
- New Hire Orientations

Training:

- Remain up to date with COVID-19 compliance
- Cyber Security Training (all staff)
- Sexual Harassment Prevention Training (all staff)
- Defensive Driving Training (all staff)

Government Reporting:

- Merced County Public Health COVID Reporting (as needed)
- Alameda County Public Health COVID Reporting (as needed)
- Affirmative Action Reporting – submitting data to Biddle for AA reporting

Ongoing:

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

EXTRAORDINARY O&M & CAPITAL PROJECTS

DELTA-MENDOTA CANAL (DMC)

Bridge Abutment Repair at MP 92.73 (FY21)

Status: 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.

SLDMWA will be performing erosion and liner repairs under the bridge abutment in Spring 2023; meanwhile 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. CDM Smith was awarded the \$2.4M contract in February 2022 to complete the Feasibility Study. The Feasibility Report is expected to be completed in approximately one year, with certain environmental permitting extending longer if needed. The Final Draft Report has been scheduled to be completed by mid-July 2023. Progress this month consisted of addressing comments and finalizing the next round of project reports. The EA/IS has gone through the numerous internal reviews and is anticipated to be released for public review February 10th. The 2nd Administration Draft of the Feasibility Study will be released for internal review in the coming weeks.

SLDMWA executed a Contract Amendment and Notice to Proceed on 12/22/2023 to complete the final Geotechnical Phases 2 & 3 Exploration. Preliminary clearances were performed and explorations have commenced. As of this report Terracon has completed 48% of CPT's and 7% of drill holes.

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). The project has encountered significant delays due to supply chain and relay setting issues. The contractor is scheduled to remobilize early February for final commissioning. Field work is expected to take 3 days.

DMC Turnout Flowmeter Upgrade Program – Phase 3

Status: No activity this month. Engineering staff is coordinating with Water Operations for the design data for the flowmeters required with this phase. These measurements will be supplied to McCrometer in order to obtain a final quote and a single-source contract will be pursued. Contract is expected to be executed in Spring 2023.

EXTRAORDINARY O&M & CAPITAL PROJECTS

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

JPP Excitation System & Control Cabinet Modernization (FY18)

Status: SLDMWA is currently in contract with Reclamation through a Letter of Agreement. Reclamation TSC has provided the 60% Technical Specifications and Drawings, while the Engineer's Estimate will be provided in the 90% package. The 60% package has been reviewed by SLDMWA and Reclamation Design and Construction Branch CGB-250. The 90% package is scheduled for completion in February 2023. Once received, SLDMWA staff will begin putting together the solicitation package.

JPP Wear Ring Purchase (FY22)

Status: No activity

JPP Unit No. 3 Rewind

Status: Jones Unit 3 rewind is underway. The rotor has been removed and placed in the JPP Machine Shop awaiting NEC to remove the rotor poles for shipment to Texas for refurbishment. The as-found laser measurements of the stator and rotor have been completed. The existing stator coils and lamination pieces have been removed. The finger press plates and key bars have been removed and sent to Texas for refurbishment. The stator frame has been moved to best fit center in preparation for the boring of the stator frame which is scheduled to occur the first week of February.

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-phase 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 tentatively scheduled to be completed in August 2023, pending approval of outage. Outages of Units 2 and 6 will be required during Phase 2 work, so the work has been scheduled to occur after the completion of the Unit 3 rewind to ensure there are four available units.

JPP Concrete Slab by Trashrake Dumpster (FY23)

Status: Project is currently in the planning and design phase. A geotechnical investigation was completed by Terracon to characterize the subgrade to ensure an optimum design is pursued. Final Geotech and structural recommendations from Terracon were received recently and reviewed by SLDMWA. Technical specifications are currently being prepared in order to formally solicit for construction. Construction is tentatively scheduled to occur in Spring 2023.

EXTRAORDINARY O&M & CAPITAL PROJECTS

O'NEILL PUMPING/GENERATING PLANT (OPP)

Main Transformers Rehabilitation/Replacement

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

SLDMWA formerly solicited for the rehabilitation of the transformers in March 2022, and only received one proposal that was not of sufficient quality to award a contract from. After issuing a Request for Interest to acquire more contractor interest, a formal RFP was issued on January 3, 2023. A mandatory pre-proposal conference was held on January 31, 2023 with eight (8) contractors in attendance (Note: Two contractors attended the conference during the first solicitation). Proposals are due on March 16th and SLDMWA anticipates going to the Board in April to issue the contract. Construction on the Spare Transformer is tentatively scheduled to start late February 2024, and the System Outage at O'Neill PG Plant will still be scheduled in April-May 2024, pending favorable hydraulic conditions.

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

Status: No activity this month. The Facility Rating Review has been received. The personal protective grounds were upgraded per recommendations from the Facility Rating Review. Staff performed an inspection of the unit busses. The Arc Flash Hazard Analysis final report has been received. The Protective Relays Review is still pending delivery of the final report.

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

Status: The value planning study was completed and staff is currently regrouping on how best to accomplish tasks identified in the study. Several assessments were recommended to be completed to determine the best way to move forward to achieving a reliable plant. EO&M projects have been reprioritized to prevent reworks and sunk costs and the FY24 proposed projects are focused on ancillary systems that are critical but won't be affected by the assessment results. SLDMWA staff is working with Reclamation to develop an agreement to perform the recommended assessments. Reclamation Sacramento and TSC staff recently met to divide up the assignments related to the assessments, and are putting together a Project Management Plan that the agreement will be based upon.

EXTRAORDINARY O&M & CAPITAL PROJECTS

OPP UPS Battery Charging System Replacement (FY22)

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

OPP Station Service Backup Battery System Replacement (FY23)

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

OPP Accusonic Flowmeter Console Upgrades (FY23)

Status: Consoles have been purchased and received, with 4 of them installed. However staff discovered a faulty communication component on two of the consoles and is working with Accusonics on getting replacements.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (FY20)

Status: No activity this month.

MULTIPLE FACILITIES

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

Status: No activity this month. The Analysis was conducted by Reclamation TSC through a LOA. The onsite surveys for TFO, LBFO, and DCI were completed in September 2022. SLDMWA provided additional information to TSC regarding emergency generator and LBFO's station service. The Arc Flash Hazard Analysis Reports are expected to be completed by September 2023.

SCADA System Evaluation (FY23)

Status: Site discovery and documentation of the existing SCADA System is ongoing. The development of controls and SCADA standards and best practices is in process. Research is being conducted on how best (with major supply chain issues) to upgrade the system to current standards and then maintain the system with a newly developed 10-year plan. Staff is waiting for parts to conduct concept for checks controls remediation plan. Communication continues to determine if an existing fiber line owned and operated by DWR could be utilized for SLDMWA communication. Staff is working with vendors evaluating and developing operational technology (OT) cyber security needs and response plan. Work continues to build a controlled area to evaluate and test new hardware and software implementations before going live. Testing on virtual machines for the SCADA environment is underway. Construction of a PLC test rack continued this month, and currently awaiting parts. Developing a software conversion/rewrite plan for the SCADA upgrade. Evaluating current network to

EXTRAORDINARY O&M & CAPITAL PROJECTS

develop a remediation plan to meet CISA and federal mandate requirements.
Evaluating Firewalls that would best fit our current and future network types.

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

Status: No Activity.



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

NOTE: ALL FIGURES ARE IN ACRE FEET

| | December-2022 | December-2021 |
|-----------------------------------|----------------------|----------------------|
| JONES PUMPING PLANT - PUMPED | 86,469 | 111,428 |
| DCI PLANT - PUMPED | 1,511 | 3,774 |
| DCI PLANT - RETURNED | 0 | 0 |
| O'NEILL P/G PLANT - PUMPED | 72,363 | 85,516 |
| O'NEILL P/G PLANT - GENERATED | 4,195 | 3,494 |
| DMC DELIVERIES | 3,562 | 8,544 |
| RIVER/WELL/RECYCLE WATER INTO DMC | 9,863 | 5,935 |
| MENDOTA POOL DELIVERIES | 31,672 | 24,826 |
| | | |
| SHASTA RESERVOIR STORAGE | 1,523,700 | 1,331,300 |
| SAN LUIS RESERVOIR STORAGE | 687,554 | 902,344 |
| SLR FEDERAL SHARE | 259,356 | 314,604 |

| | December-2022 | December-2021 |
|----------------------------|----------------------|----------------------|
| *SAN LUIS UNIT DELIVERIES | 465 | 442 |
| SAN LUIS UNIT WELL WATER | 0 | 0 |
| SAN FELIPE UNIT DELIVERIES | 0 | 2,844 |

Jones Pumping Plant monthly average = 1,406 cfs



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
December 2022**

Date: 1/18/23

| <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 | 86,469 | | | |
| Total Pumped @ DCI | (1,511) | | | |
| Total Reversed @ DCI | 0 | | | |
| City of Tracy | | 0 | 0 | 0 |
| Byron Bethany I.D. | | 1 | 0 | 1 |
| West Side I.D. | | 0 | 0 | 0 |
| Banta Carbona I.D. | | 0 | 0 | 0 |
| West Stanislaus I.D. | | 32 | 0 | 32 |
| Patterson I.D. | | 0 | 0 | 0 |
| Del Puerto W.D. | | 39 | 2 | 41 |
| Central California I.D. - above check #13 | | 229 | 0 | 229 |
| San Luis W.D.- above check #13 | | 0 | 0 | 0 |
| Volta Wildlife Mgmt. Area (Fish & Game) | | 153 | 0 | 153 |
| Fish & Wildlife (Volta) Santa Fe - Kesterson | | 0 | 0 | 0 |
| Grasslands W.D. (Volta) | | 0 | 0 | 0 |
| Total Pumped @ O'Neill PP | (72,363) | | | |
| Total Generated @ O'Neill PP | 4,195 | | | |
| Central California I.D. - below check #13 | | 4 | 0 | 4 |
| Grasslands W.D. (76.05-L) | | 611 | 0 | 611 |
| Fish & Game Los Banos Refuge (76.05-L) | | 174 | 0 | 174 |
| Fish & Wildlife Kesterson (76.05-L) | | 297 | 0 | 297 |
| Freitas Unit (76.05-L) | | 396 | 0 | 396 |
| Salt Slough Unit (76.05-L) | | 124 | 0 | 124 |
| China Island (76.05-L) | | 149 | 0 | 149 |
| San Luis W.D. - below check #13 | | 6 | 1 | 7 |
| Panoche W.D. | | 3 | 2 | 5 |
| Eagle Field W.D. | | 0 | 0 | 0 |
| Oro Loma W.D. | | 0 | 0 | 0 |
| Mercy Springs W.D. | | 0 | 0 | 0 |
| Firebaugh Canal W.D. (D.M.C.) | | 1,339 | 0 | 1,339 |
| River and Groundwater well pump-in | 7,533 | | | |
| North Valley Regional Recycled Water Program | 2,330 | | | |
| <i>Change in Canal Storage</i> | 327 | | | |
| <i>Wasteway Flushing and Spill</i> | 0 | | | |
| <i>Total Available in Delta-Mendota Canal</i> | 26,980 | | | |
| TOTAL DELIVERY FROM DELTA-MENDOTA CANAL | (3,562) | 3,557 | 5 | 3,562 |
| Theoretical DMC Delivery to Mendota Pool | 23,418 | | | |
| Total DMC Metered Delivery to MP | 22,732 | | | |
| Estimated (Loss) or Gain in DMC | (686) | | | |
| Estimated % Loss or Gain in DMC | -0.75% | | | |



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
December 2022**

| <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 | 22,732 | | | |
| Mendota Pool Groundwater Well Pump-In | 523 | | | |
| (+)SJRR Releases into Mendota Pool | 16,429 | | | |
| (+)Kings River Flood Releases into the Mendota Pool | 0 | | | |
| <u>Mendota Pool Delivery Information</u> | | | | |
| <u>Exchange Contractors:</u> | | | | |
| Central California Irrigation District (CCID) | | 0 | 0 | 0 |
| Columbia Canal Company (CCC) | | 2 | 0 | 2 |
| Firebaugh Canal Water District (FCWD) | | 809 | 0 | 809 |
| San Luis Canal Company (SLCC) | | 2,240 | 0 | 2,240 |
| <u>Refuge:</u> | | | | |
| Conveyance Losses | | 1,134 | 0 | 1,134 |
| Calif Dept of F/G-LB Unit (CCID) | | 380 | 0 | 380 |
| Calif Dept of F/G-LB Unit (SLCC) | | 977 | 0 | 977 |
| Calif Dept of F/G-Salt Slough Unit (CCID) | | 270 | 0 | 270 |
| Calif Dept of F/G-China Island Unit (CCID) | | 327 | 0 | 327 |
| US Fish & Wildlife-San Luis Refuge (SLCC) | | 1,159 | 0 | 1,159 |
| US Fish & Wildlife-Freitas (CCID) | | 866 | 0 | 866 |
| US Fish & Wildlife-Kesterson (CCID) | | 649 | 0 | 649 |
| Grasslands WD (CCID) | | 555 | 0 | 555 |
| Grasslands WD (SLCC) | | 1,525 | 0 | 1,525 |
| Grasslands (Private) | | 779 | 0 | 779 |
| San Luis WD Conveyance (CCID) | | 1 | 0 | 1 |
| Del Puerto WD Conveyance (CCID) | | 0 | 0 | 0 |
| <u>San Joaquin River Restoration:</u> | | | | |
| SJRR | | 16,285 | 0 | 16,285 |
| <i>Other: (see MP Operations Report)</i> | | 3,714 | 0 | 3,714 |
| <i>Total Available Water in Mendota Pool</i> | 39,684 | | | |
| TOTAL DELIVERY FROM MENDOTA POOL | (31,672) | 31,672 | 0 | 31,672 |
| *Estimated (Loss) or Gain in Mendota Pool | (8,012) | | | |
| *Estimated % Loss or Gain in Mendota Pool | -20.19% | | | |
| Total System Delivery | (35,234) | | | |
| *Total Estimated System (Loss) or Gain | (8,698) | | | |
| *Total Estimated % System Loss or Gain | -7.53% | | | |

Special Notes: Extra water sent into the Mendota Pool to raise elevation due to hyacinth and operational needs.



Jones Pumping Plant
December - 2022

| Date | # OF UNITS | TIME ON/OFF | AVG DAILY CFS |
|------------------------------|------------|--------------|---------------|
| 1 | 1 | CONTINUOUSLY | 818 |
| 2 | 1 | CONTINUOUSLY | 792 |
| 3 | 1 | CONTINUOUSLY | 808 |
| 4 | 1 | CONTINUOUSLY | 807 |
| 5 | 1 | CONTINUOUSLY | 801 |
| 6 | 1 | CONTINUOUSLY | 813 |
| 7 | 1 | CONTINUOUSLY | 812 |
| 8 | 1 | CONTINUOUSLY | 800 |
| 9 | 1 | CONTINUOUSLY | 808 |
| 10 | 1 | CONTINUOUSLY | 800 |
| 11 | 1 | CONTINUOUSLY | 803 |
| 12 | 1 | CONTINUOUSLY | 802 |
| 13 | 1 | CONTINUOUSLY | 801 |
| 14 | 1 to 2 | 0800 | 1478 |
| 15 | 2 to 3 | 0800 | 2377 |
| 16 | 3 | CONTINUOUSLY | 2639 |
| 17 | 3 | CONTINUOUSLY | 2647 |
| 18 | 3 | CONTINUOUSLY | 2657 |
| 19 | 3 to 2 | 0001 | 1796 |
| 20 | 2 | CONTINUOUSLY | 1797 |
| 21 | 2 | CONTINUOUSLY | 1803 |
| 22 | 2 | CONTINUOUSLY | 1804 |
| 23 | 3 to 2 | 0001 | 911 |
| 24 | 1 | CONTINUOUSLY | 905 |
| 25 | 1 | CONTINUOUSLY | 904 |
| 26 | 1 | CONTINUOUSLY | 910 |
| 27 | 1 | CONTINUOUSLY | 909 |
| 28 | 1 | CONTINUOUSLY | 908 |
| 29 | 1 to 3 | 0800 | 2050 |
| 30 | 3 to 4 | 0800 | 3180 |
| 31 | 4 | CONTINUOUSLY | 3459 |
| AVG CFS for the month | | | 1406 |



NON-PROJECT WATER CREDITS REPORT
 (ALL FIGURES IN ACRE FEET)
 December 2022 WA Credits

Date: 1/11/23
 Revised 1/18/23

| 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 | 12,798 | 12,798 | 1 | 0 | BBID | 0 | 0 | 0 | 4,572 |
| 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 | 213 |
| 20.42-L | 39,616,467 | 40,797,750 | 1 | 0 | BCID | 0 | 0 | 0 | 13,883 |
| 20.42-L | 39,616,467 | 40,797,750 | 1 | 0 | USBR/FWA | 3,565 | 0 | 3,565 | 3,565 |
| 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 | 2,801 | 2,905 | 1.04 | 0 | DPWD | 108 | (5) | 103 | 278 |
| 29.95-R | 1,334 | 1,334 | 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 | 2,149 | 1.03 | 0 | DPWD | 0 | 0 | 0 | 222 |
| 31.31-L1 | 86,510 | 87,615 | 1 | 0 | WSTAN | 34 | (2) | 32 | 12,618 |
| 31.31-L2 | 86,510 | 87,615 | 1 | 0 | DPWD | 1,071 | (54) | 1,017 | 5,054 |
| 31.31-L3 | 86,510 | 87,615 | 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 |
| 36.45-R | 4,477 | 4,477 | 1 | 0 | DPWD | 0 | 0 | 0 | 0 |
| 36.80-L | 1,847 | 1,847 | 1 | 0 | DPWD | 0 | 0 | 0 | 0 |
| 37.10-L | 3,567 | 3,683 | 0.94 | 0 | DPWD | 109 | (5) | 104 | 291 |
| 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 | 6,707,771 | 6,790,579 | 1 | 0 | PID | 1,967 | (98) | 1,869 | 9,721 |
| 42.53-L | 6,707,771 | 6,790,579 | 1 | 0 | DPWD | 0 | 0 | 0 | 0 |
| 42.53-L | 6,707,771 | 6,790,579 | 1 | 0 | USBR/FWA | 0 | 0 | 0 | 0 |
| 43.22-L | 55 | 55 | 1 | 0 | DPWD | 0 | 0 | 0 | 0 |
| 48.97-L | 3,357 | 3,624 | 0.95 | 0 | SLWD | 254 | (13) | 241 | 677 |
| 50.46-L | 5,683 | 5,819 | 1.07 | 0 | DPWD | 146 | (7) | 139 | 660 |
| 51.00-R | 297 | 297 | 0.89 | 0 | DPWD | 0 | 0 | 0 | 0 |
| 51.66-L | 889 | 910 | 0.98 | 0 | DPWD | 21 | (1) | 20 | 203 |
| 52.40-L | 1,481 | 1,481 | 1 | 0 | DPWD | 0 | 0 | 0 | 66 |
| 58.28-L | 3,193 | 3,269 | 1.02 | 0 | SLWD | 78 | (4) | 74 | 430 |
| 58.60-L | 917 | 917 | 0.96 | 0 | DPWD | 0 | 0 | 0 | 0 |
| 58.73-R | 458 | 465 | 1 | 0 | DPWD | 7 | 0 | 7 | 32 |
| 64.85-L | 1,662 | 1,662 | 0.72 | 0 | DPWD | 0 | 0 | 0 | 0 |
| UPPER DMC SUB TOTAL | | | | | | | | 7,171 | 52,485 |



NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)

December 2022 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 | 249 |
| 79.13-L | 942 | 1,021 | 1 | 0 | SLWD | 79 | (4) | 75 | 378 |
| 79.13-R | 4,928 | 4,928 | 1.08 | 0 | SLWD | 0 | 0 | 0 | 17 |
| 79.60-L | 5,183 | 5,391 | 0.84 | 0 | SLWD | 175 | (9) | 166 | 946 |
| 80.03-L | 834 | 834 | 0.94 | 0 | SLWD | 0 | 0 | 0 | 128 |
| 80.03-R | 717 | 717 | 1.05 | 0 | SLWD | 0 | 0 | 0 | 0 |
| 98.60-R | 13,840 | 14,068 | 1 | (101) | PANOCH/MS | 127 | (6) | 121 | 1,463 |
| 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 | 4,087 | 4,087 | 1 | 0 | WIDREN WD | 0 | 0 | 0 | 1,404 |
| LOWER DMC SUB TOTAL | | | | | | | | 362 | 4,585 |
| WARREN ACT CONTRACT CREDIT TOTAL | | | | | | | | 7,533 | 57,070 |
| | | | | | | | | | |
| TOTAL GROSS PUMP-IN | | | | | | | | CREDIT | |
| TOTAL (BYRON BETHANY IRRIGATION DISTRICT) | | | | | | 0 | | 0 | 213 |
| TOTAL (BANTA CARBONA IRRIGATION DISTRICT) | | | | | | 0 | | 0 | 0 |
| TOTAL (DEL PUERTO WATER DISTRICT) | | | | | | 391 | | 373 | 1,752 |
| TOTAL (WEST STANISLAUS IRRIGATION DISTRICT) | | | | | | 0 | | 0 | 9,178 |
| TOTAL (PATTERSON IRRIGATION DISTRICT) | | | | | | 0 | | 0 | 0 |
| TOTAL (SAN LUIS WATER DISTRICT) | | | | | | 586 | | 556 | 2,825 |
| TOTAL (PANOCH/MS WATER DISTRICT) | | | | | | 127 | | 121 | 1,463 |
| TOTAL (MERCY SPRINGS WATER DISTRICT) | | | | | | 0 | | 0 | 0 |
| TOTAL (WIDREN WATER DISTRICT) | | | | | | 0 | | 0 | 1,404 |
| Other Warren Act Conveyance Credit Totals | | | | | | | | | |
| Del Puerto Water District: | | | | | | 1,071 | | 1,017 | 5,054 |
| Banta Carbona Irrigation District: | | | | | | 0 | | 0 | 13,883 |
| West Stanislaus Irrigation District: | | | | | | 34 | | 32 | 3,440 |
| Byron Bethany Irrigation District: | | | | | | 0 | | 0 | 4,572 |
| Patterson Irrigation District: | | | | | | 1,967 | | 1,869 | 9,721 |
| San Joaquin River Restoration Pump Back BCID: | | | | | | 3,565 | | 3,565 | 3,565 |
| San Joaquin River Restoration Pump Back PID: | | | | | | 0 | | 0 | 0 |

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



MENDOTA POOL OPERATIONS
2022
 ALL FIGURES IN ACRE-FEET

Date: 1/11/22

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-----------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FRESNO SLOUGH | 0 | 86 | 60 | 87 | 201 | 298 | 115 | 15 | 5 | 0 | 0 | 0 | 867 |
| TPUD | 0 | 0 | 0 | 12 | 16 | 20 | 18 | 0 | 0 | 0 | 0 | 0 | 66 |
| JAMES I.D. | 141 | 172 | 97 | 2,476 | 5,320 | 8,493 | 5,833 | 850 | 107 | 0 | 0 | 0 | 23,489 |
| MEYERS | 0 | 177 | 150 | 49 | 136 | 199 | 256 | 161 | 137 | 108 | 6 | 0 | 1,379 |
| M.L. DUDLEY & INDART ¹ | 0 | 126 | 159 | 317 | 373 | 421 | 403 | 212 | 192 | 148 | 9 | 0 | 2,360 |
| MID VALLEY* (Kings River) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| REC. DIST. 1606 | 0 | 41 | 0 | 59 | 75 | 106 | 114 | 45 | 23 | 0 | 0 | 0 | 463 |
| STATE FISH & WILDLIFE | 1,643 | 1,954 | 159 | 206 | 516 | 439 | 435 | 758 | 1,597 | 4,474 | 1,773 | 2,310 | 16,264 |
| TRACTION | 547 | 795 | 290 | 328 | 140 | 503 | 565 | 645 | 773 | 1,416 | 402 | 740 | 7,144 |
| UNMETERED | 40 | 140 | 15 | 10 | 150 | 40 | 40 | 45 | 175 | 260 | 75 | 50 | 1,040 |
| Total | 2,230 | 2,889 | 464 | 544 | 806 | 982 | 1,040 | 1,448 | 2,545 | 6,150 | 2,250 | 3,100 | 24,448 |
| COELHO FAMILY TRUST ² | 58 | 337 | 529 | 470 | 668 | 994 | 594 | 392 | 402 | 404 | 101 | 0 | 4,949 |
| TRANQUILITY I.D. | 0 | 1,877 | 1,226 | 1,719 | 3,626 | 4,742 | 5,400 | 2,756 | 1,576 | 677 | 348 | 0 | 23,947 |
| WESTLANDS LATERAL-6 | 0 | 0 | 5 | 20 | 39 | 48 | 71 | 48 | 55 | 25 | 0 | 0 | 311 |
| WESTLANDS LATERAL-7 | 0 | 0 | 0 | 0 | 2,093 | 1,324 | 2,058 | 3,177 | 3,102 | 0 | 25 | 614 | 12,393 |
| CARVALHO TRUST | 0 | 39 | 41 | 63 | 109 | 138 | 65 | 40 | 56 | 50 | 0 | 0 | 601 |
| TOTAL | 2,429 | 5,744 | 2,731 | 5,816 | 13,462 | 17,765 | 15,967 | 9,144 | 8,200 | 7,562 | 2,739 | 3,714 | 95,273 |

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

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

Article 215 Water

Kings River Water

| BECK | 120 | PATOS | COLE | TRANQUILITY | 1 ACRE |
|------|-----|-------|------|-------------|--------|
| 0% | 0% | 100% | 0% | 100% | 0% |

Duck Clubs (Percent Full)

Jan, 2022
 DMC Inflow 17,602 AF
 James Bypass Flows 0 AF

May, 2022
 DMC Inflow 16,463 AF
 James Bypass Flows 0 AF

Sept, 2022
 DMC Inflow 57,120 AF
 James Bypass Flows 0 AF

Feb, 2022
 DMC Inflow 53,145 AF
 James Bypass Flows 0 AF

June, 2022
 DMC Inflow 35,872 A.F
 James Bypass Flows 0 AF

Oct, 2022
 DMC Inflow 73,031 AF
 James Bypass Flows 0 AF

Mar, 2022
 DMC Inflow 38,882 AF
 James Bypass Flows 0 AF

July, 2022
 DMC Inflow 91,637 AF
 James Bypass Flows 0 AF

Nov, 2022
 DMC Inflow 61,592 AF
 James Bypass Flows 0 AF

Apr, 2022
 DMC Inflow 11,912 AF
 James Bypass Flows 0 AF

Aug, 2022
 DMC Inflow 95,944 AF
 James Bypass Flows 0 AF

Dec, 2022
 DMC Inflow 22,732 AF
 James Bypass Flows 0 AF



**MENDOTA POOL WELL PUMP IN
2022**
(ALL FIGURES IN ACRE-FEET)

Date: 1/17/2023

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-----------------------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|---------------|
| COELHO FAMILY TRUST ¹ | 121 | 163 | 479 | 672 | 746 | 832 | 1,419 | 863 | 636 | 221 | 309 | 20 | 6,481 |
| M.L. DUDLEY & INDART ² | 20 | 16 | 282 | 68 | 198 | 325 | 294 | 309 | 304 | 0 | 18 | 0 | 1,834 |
| FORDEL | 0 | 294 | 339 | 419 | 443 | 339 | 320 | 89 | 33 | 0 | 0 | 0 | 2,276 |
| COELHO WEST | 0 | 0 | 0 | 0 | 166 | 235 | 213 | 176 | 172 | 0 | 0 | 0 | 962 |
| CASACA VINYARDS | 0 | 0 | 0 | 0 | 94 | 121 | 107 | 92 | 75 | 0 | 0 | 0 | 489 |
| DPF | 0 | 0 | 0 | 0 | 64 | 107 | 90 | 36 | 47 | 0 | 0 | 0 | 344 |
| SOLO MIO | 0 | 0 | 0 | 0 | 27 | 59 | 55 | 51 | 47 | 0 | 0 | 0 | 239 |
| BAKER FARMS | 0 | 0 | 0 | 105 | 318 | 401 | 368 | 0 | 456 | 0 | 0 | 0 | 1,648 |
| FARMERS W.D. | 0 | 0 | 0 | 331 | 645 | 899 | 1,054 | 0 | 914 | 0 | 0 | 0 | 3,843 |
| MEYERS | 0 | 186 | 172 | 51 | 93 | 100 | 227 | 169 | 147 | 66 | 10 | 0 | 1,221 |
| MEYERS BANKED | 0 | 559 | 1,579 | 306 | 0 | 131 | 1,256 | 1,346 | 1,259 | 1,393 | 647 | 0 | 8,476 |
| SILVER CREEK | 0 | 0 | 0 | 0 | 53 | 120 | 108 | 94 | 86 | 1 | 0 | 0 | 462 |
| TRANQUILITY I.D. | 0 | 0 | 0 | 0 | 0 | 1,714 | 2,245 | 1,540 | 1,243 | 783 | 315 | 118 | 7,958 |
| FCWD | 0 | 0 | 0 | 80 | 273 | 333 | 355 | 148 | 409 | 240 | 85 | 83 | 2,006 |
| YRIBARREN FARMS | 0 | 0 | 0 | 32 | 172 | 4 | 17 | 0 | 9 | 0 | 0 | 0 | 234 |
| CARVALHO TRUST | 0 | 0 | 23 | 180 | 8 | 0 | 0 | 0 | 67 | 47 | 0 | 0 | 325 |
| ETCHEGOINBERRY | 0 | 0 | 0 | 0 | 225 | 280 | 102 | 286 | 134 | 0 | 79 | 161 | 1,267 |
| FRESNO SLOUGH W.D. | 0 | 0 | 0 | 0 | 0 | 234 | 179 | 145 | 154 | 0 | 0 | 0 | 712 |
| LSK-1 | 0 | 0 | 27 | 6 | 288 | 129 | 147 | 183 | 189 | 1 | 61 | 141 | 1,172 |
| TOTAL | 141 | 1,218 | 2,901 | 2,250 | 3,813 | 6,363 | 8,556 | 5,527 | 6,381 | 2,752 | 1,524 | 523 | 41,949 |

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

¹ aka TERRA LINDA FARMS

² aka COELHO-GARDNER-HANSEN

Mar 2022 Pump in amount for Coelho West & Casaca Vinyards was due to vandals and has been removed (per Chase Hurley)

April 2022 Etchengoinberry transferred 150 AF non-project water to FCWD

Dec 2022 Coelho West monthly totals revised due to flow meter factor correction

Spill Back Credit

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-------|
| James ID (per JID) | 141 | 269 | 2447 | 3541 | 4501 | 4433 | 486 | 64 | 204 | 0 | 0 | 0 | 16086 |



SAN LUIS UNIT DELIVERIES

(ALL FIGURES IN ACRE-FEET)

December 2022

Source document: Table 19 (DWR)

Date: 1/17/23

Revised 1/18/23

O'NEILL FOREBAY AND POOL 13, SAN LUIS CANAL

| | | |
|-------------------------------|-----|------------|
| O'NEILL FOREBAY WILDLIFE AREA | | 52 |
| SAN LUIS WATER DISTRICT | AG | 83 |
| | M&I | 40 |
| V.A. CEMETERY | | 2 |
| SUBTOTAL | | 177 |

SAN LUIS CANAL, POOLS 14 THRU 21

| | | |
|------------------------------|-----|------------|
| SAN LUIS WATER DISTRICT | AG | 17 |
| | M&I | 1 |
| PANOCHÉ WATER DISTRICT | AG | 42 |
| | M&I | 23 |
| PACHECO WATER DISTRICT | AG | 0 |
| | M&I | 0 |
| PACHECO C.C.I.D. NON PROJECT | | 205 |
| SUBTOTAL | | 288 |

TOTAL SAN LUIS UNIT 465

PANOCHÉ M&I INCLUDES 0 A.F. @ 89.70-L DOS PALOS
 SAN LUIS WATER DISTRICT WELL WATER CREDIT- M.P. 79.67-R = 0

MONTHLY DELIVERIES FOR SAN FELIPE UNIT

| | | |
|---------------------|--|----------|
| VALLEY WATER | | 0 |
| SAN BENITO CO. W.D. | | 0 |
| CASA DE FRUTA | | 0 |
| TOTAL | | 0 |



Monthly Availability Report

CW "Bill" Jones Pumping Plant

December - 2022

| Unit # | Max Hours | Scheduled Outages (1) | % | Unscheduled Outages (2) | % | Over-all Availability % | Starts | Comments |
|--------|-----------|-----------------------|--------|-------------------------|-------|-------------------------|--------|----------|
| | | | | | | | Pump | |
| Unit-1 | 744 | 0.0 | 0.00% | 11.1 | 1.49% | 98.51% | 0 | |
| Unit-2 | 744 | 11.1 | 1.49% | 0.0 | 0.00% | 98.51% | 3 | |
| Unit-3 | 744 | 731.3 | 98.29% | 0.0 | 0.00% | 1.71% | 0 | |
| Unit-4 | 744 | 11.1 | 1.49% | 0.0 | 0.00% | 98.51% | 3 | |
| Unit-5 | 744 | 0.0 | 0.00% | 0.0 | 0.00% | 100.00% | 1 | |
| Unit-6 | 744 | 0.0 | 0.00% | 0.0 | 0.00% | 100.00% | 2 | |
| Total | 4464 | 753.5 | 17% | 11.1 | 0.25% | 82.75% | 9 | |

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
December - 2022

| Unit # | Max Hours | Scheduled Outages (1) | % | Unscheduled Outages (2) | % | Over-all Availability % | Starts | | Comments |
|--------|-----------|-----------------------|-------|-------------------------|--------|-------------------------|--------|-----|----------|
| | | | | | | | Pump | Gen | |
| Unit-1 | 744 | 0.0 | 0.00% | 222.3 | 29.88% | 70.12% | 5 | 0 | |
| Unit-2 | 744 | 0.0 | 0.00% | 96.2 | 12.93% | 87.07% | 5 | 1 | |
| Unit-3 | 744 | 0.0 | 0.00% | 0.0 | 0.00% | 100.00% | 2 | 1 | |
| Unit-4 | 744 | 0.0 | 0.00% | 0.0 | 0.00% | 100.00% | 2 | 0 | |
| Unit-5 | 744 | 0.0 | 0.00% | 0.0 | 0.00% | 100.00% | 2 | 0 | |
| Unit-6 | 744 | 0.0 | 0.00% | 0.0 | 0.00% | 100.00% | 2 | 0 | |
| Total | 4464 | 0.0 | 0% | 318.5 | 7.13% | 92.87% | 18 | 2 | |

Notes:

(1) Planned maintenance

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



Monthly Availability Report

DCI Pumping Plant
December - 2022

| Unit # | Max Hours | Scheduled Outages (1) | % | Unscheduled Outages (2) | % | Over-all Availability % | Starts | Comments |
|--------|-----------|-----------------------|-------|-------------------------|-------|-------------------------|--------|----------|
| | | | | | | | Pump | |
| Unit-1 | 744 | 6.7 | 0.90% | 0.0 | 0.00% | 99.10% | 2 | |
| Unit-2 | 744 | 6.7 | 0.90% | 0.0 | 0.00% | 99.10% | 2 | |
| Unit-5 | 744 | 6.7 | 0.90% | 0.0 | 0.00% | 99.10% | 2 | |
| Unit-6 | 744 | 6.7 | 0.90% | 0.0 | 0.00% | 99.10% | 2 | |
| Total | 2976 | 26.8 | 1% | 0.0 | 0.00% | 99.00% | 8 | |

Notes:

(1) Planned maintenance

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