



September 17, 2020

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for August 2020

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated at five units for the majority of August with an average pumping rate of 4,147 cfs. Pumping was temporarily reduced on August 3rd and 4th due to excessive vegetation build-up on the Tracy Fish Collection Facility (TFCF) trash racks. At the request of Cal-ISO, pumping was reduced to one unit on August 17th-19th from the hours of 2:00 pm to 10:00 pm to assist with emergency power grid management during the heat wave. A similar reduction took place on September 7th and 8th where pumping was reduced from 2:00 pm to 12:00 am to assist with power grid management and Delta salinity management.

Total pumping at the JPP for the month of August was 255,017 acre-feet. The O'Neill Pump/Generating Plant (OPP) pumped 83,935 acre-feet and generated 7,149 acre-feet. The Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI) pumped 19,436 acre-feet to help manage water levels due to subsidence related flow restrictions in several areas of the upper DMC.

The Federal share in San Luis Reservoir on August 31st was 249,003 acre-feet as compared to 485,073 acre-feet on August 31st, 2019.

During the month of August, releases from Friant Dam ranged from 415 to 444 cfs and flows entering the Mendota Pool ranged from 63 to 95 cfs. Flows of 65 to 95 cfs were released passed Mendota Dam for the San Joaquin River Restoration Program (SJRRP).

Canal Operations staff members performed open channel and closed-pipe flow measurements, routine patrols, bi-weekly meter readings, well soundings, and meter maintenance during the month of August.

Control Operations staff performed the following switching/clearance placements for the month of August:

- JPP Unwatering Sump; Refurbish #1 Unwatering Pump
- Volta Wasteway (VWW) Radial Gate #2; Inspect/repair 36", 48", and 60" slide gates
- OPP Unit 2; Annual Maintenance

Civil Maintenance Department

The Civil Maintenance crews worked on the following projects for the month of August:

- Chemical and mechanical weed control
- Rodent abatement
- Clean out silt from DMC turnouts at various locations
- Grading of DMC roads
- Build up outside banks along DMC operating road
- Removed and replaced SLDMWA Tracy Complex entrance sign for refurbishment
- Inspect VWW 36", 48", and 60" gates. Removed and replaced 60" for repairs
- Repairs to signs and fencing on San Luis Drain (SLD)
- Fabrication and installation of guard rails on top of DMC meter wells per Cal-OSHA requirements
- Assist OPP with main unit annual maintenance
- Pothole repairs and sweeping of DMC operating road in preparation of chip-seal application
- Installation of stairs and handrails to DMC turnout gates and meters
- Maintenance and repairs to float lines, signs, fences, and gates
- Garbage collection on DMC, SLD, and Wasteways

Plant Maintenance Department

Electrical/C&I Staff:

- Inspect and repair DCI Plant ventilation fans, louvers, and lighting
- Recalibrate DMC Check 6, Gate #3 position encoder
- JPP infrared inspections
- Installation of TFCF unwatering pump controls
- Replace JPP east siphon breaker indicating light socket in Control Room
- Protective relay programming checks
- OPP Unit 2 annual maintenance
- Repair Control Room entrance door electric lock
- Install rack and conduit in Control Building basement for USBR fiber
- Remove abandoned flow meter equipment at DMC turnout at milepost 109.45-R and install SCADA equipment

Mechanical Staff:

- OPP Unit 2 annual maintenance
- Overhaul JPP unwatering sump pump #1
- Install overhauled OPP sump pump #2
- Refurbished SLDMWA Tracy Complex entrance sign
- Inspect and repair DCI Plant ventilation louvers
- Fabricate spare Kinney strainer shafts
- Repair Volta Wasteway 60" gate
- Repaired pilot line on TFCF holding tank building compressor
- JPP unit 5 rewind: NEC removed all stator coils, laminations, finger plates and rotor poles, completed trial stack(s) of laminations at four distinct stator frame heights, Non Destructive Testing of rotor dove tails, and painting the rotor spider. Authority crews provided crane support.

Engineering Department

The Engineering Department staff worked on the following projects this month: JPP Units 5 rewind project, main transformer oil analysis for TFO and DCI, OPP hot oil reconditioning, OPP quarterly oil monitoring, anode replacement projects for DCI and OPP, JPP switchgear buildings relay upgrade, DCI U4 switchgear replacement, DCI electrical PM's, JPP upper thrust bearing RTD modification, OPP control switch replacement, TFO sandblast building air compressor installation, JPP excitation armature repair contract documents, HVAC and ventilation systems PM updates, OPP sump pump repairs, TFCF secondary channel traveling screen support for vendor training, DMC subsidence mitigation project, the LBFO domestic well assessment and replacement of pump, data management and procedures for the Warren Act Contract wells, erosion repair at TFCF, managed RO&M recommendations for DMC bridges, and participated in Reclamation's Urban Canal inspection.

Land Management Activity Summary:

This month two (2) access permits were issued. Permit P2104010 was issued to Westside Hulling Association for temporarily stockpiling of almonds along the Westley Wasteway right-of-way from MP2.07-R to MP3.33-R. A second "emergency" permit, P2102013 was issued to San Luis Water District to repair/replace the existing conduit and wiring servicing the existing pump turnout at DMC milepost 87.35-R.

Reviewed and commented on Letter of Non-Objection Reclamation is preparing to issue to Frontier to allow temporary placement of fiber line over the Westley Wasteway at Hwy 33. Reviewed and commented on final approval letter Reclamation will be issuing to City of Tracy regarding water and wastewater crossing at MP15.10. Continued working with City of Patterson on replacement of Rogers Road bridge and also the Black Gulch Creek undercrossing modification. Participated in video conference call with Caltrans regarding repairs needed to pier bases in Volta Wasteway that support Interstate 5.

Safety Department

The Safety Department worked on the following items this month:

- JHA support for the crews
- COVID 19 related work
- Gathered and prepared FY22 budget information
- Scheduling of annual hearing tests
- Safety orientation for new hire, Al Del Real
- Sending out Weekly Safety Tailgate and Safety Alert messages.

Work & Asset Management Department

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

EAM/Financial Software Replacement Project

- Several meetings and walkthrough sessions were held in August. These sessions included walkthroughs of use cases and how they are adapted to the NetSuite functionality.
- Clean-up of Oracle WAM data in preparation of data migration to NetSuite/Shepherd CMMS

Contracts in Process

- Assisted the Contract Specialist with pending contracts as needed

Ongoing:

- Purchasing in support of the O&M crews, to maintain warehouse stock, and locate & purchase disinfecting supplies & protective gear to comply with COVID-19 protocols
- Warehouse receiving, stocking, and distribution
- Oracle WAM invoicing
- Janitorial cleaning & disinfecting per COVID-19 guidelines

Information Technology Department

- Partial Install of new services/contracts with AT&T
 - Router and circuit installation phase 1 is complete
 - LBAO, Tracy, Sacramento
 - Installation phase 2 (ASEoD)
 - Installed and awaiting SDWAN
 - Installation phase 3 (SDWAN)
 - Configuration/programming by AT&T
 - Phase 4
 - Go live of phase 2 & 3 TBD
 - Phase 5
 - Port phone call paths to routers in phase 1
 - Two weekly status update calls with AT&T's different team members
- Negotiated new services/prices with Un-Wired (Dave Lakey SLDMWA lead)
 - Bandwidth increase will coincide with phase 4
- NetSuite upgrade planning meetings
- NetSuite online training, User and Administration
- Provided FY22 budget information
- Continuing support for our newly formed "Work at Home" users
- Relocated computer equipment for two offices (Tracy)
- Configured and installed equipment in two additional offices for new employees (Tracy)
- Assist with FAC, WRC, DHCCP Steering and BOD meetings with Zoom
- Acquired, prepped and deployed two new laptops to new positions recently filled. (SCADA Technician and Electric Project Specialist)
- Desktop support calls

Human Resources Department

General Administrative Activities:

- New Hires
 - Mechanical Engineer, Ryan Seidlitz
 - C & I Technician, Cesar Lara
- Recruitments:
 - Special Programs Manager (currently recruiting)
 - Water Resources Program Manager (currently recruiting)
- RFP for Compensation Survey – gathering reference information on consultants
- Preparing for Open Enrollment

- Employee Appreciation (Annual Employee Service Awards)

Trainings/ Conferences:

- Laures continues with the Leadership Essentials course through the JPIA. It is being held online at this time.
- On-going training with new HR Analyst II, Leslie Hunt
- All employees have completed the Sexual Harassment Training requirement
- Stephanie, Leslie & Laures continue to view webinars for ensure compliance with new legislation as it pertains to COVID-19
- Stephanie, Leslie & Laures view weekly webinars hosted by the JPIA for COVID-19

Government Reporting:

- Families First Coronavirus Response Act (FFCRA)
- Completed Vets 4212 Reporting

Ongoing:

- FMLA notices/follow ups
- COBRA notices/follow ups
- Worker's Comp follow ups
- Monthly safety points distribution
- Health benefits eligibility/employee assistance
- Maintain OSHA logs for 2020 calendar year
- Wellness program

EXTRAORDINARY O&M & CAPITAL PROJECTS

DELTA-MENDOTA CANAL (DMC)

DMC O&M Road Maintenance Program – Phase 10 (MP 81.69 to 90.54)

Status: Talley Oil successfully completed the project on schedule and within budget. A small change order was issued for fog sealing prior to chipsealing. Final project close-out and invoicing is in process.

Bridge Abutment Repair at MP 92.73

Status: Initial project planning began with a site visit. Investigations began to determine status of gas line that crosses under the bridge, adjacent to abutment, and then crosses the DMC attached to the bridge. The 6-inch pipe is owned by PG&E and was determined to be a main transmission line serving the community of Dos Palos. Application was submitted to PG&E to discuss conflict. PG&E has yet to contact the Authority.

DMC Subsidence Mitigation

Status: Reclamation provided an update on their activities associated with this project. The HEC-RAS model has been completed. The information produced from the model will be used to prepare the projects technical memorandum and appraisal level cost estimate. Due to the magnitude of this project, Reclamation will most likely be required to perform a feasibility analysis on the various repair alternatives associated with the subsidence mitigation. TSC has scheduled a week long site visit on the DMC for the week of October 5th. Reclamation is also working on the addition of two pumps at the Intertie Pumping Plant. Two supply contracts supply have been awarded. One contract to manufacture the two pumps and motors. The other contract is to manufacture the four larges butterfly & check valves. Solicitation for the installation of the government furnished pumps, motors and valves is out for bid, with bids due mid-September. The anticipated installation dates of the government furnished items is April, 2021.

DMC Flowmeter Upgrade Program

Status: Draft contract has been prepared. Board approval documents were prepared and sent to attorney for review. Sole source purchase of the meters is being pursued at the September board meeting.

C.W. “BILL” JONES PUMPING PLANT (JPP)

JPP Excitation Cabinet & Control Panel Refurbishment (1800333) FY2018 Project

Status: USBR Denver Office engineering staff continue to work on the design of the static system. 60% Design expected from USBR TSC in September. 60% draft of boiler plate specifications was sent to Water Authority for review.

JPP Unit No. 2 Rewind

Status: JPP Unit No. 2 rewind work was completed on time and on schedule. Performance testing of the unit was completed in June. Reclamation approved the final test data, and final invoice was processed. Project is complete.

JPP Unit No. 5 Rewind

Status: National Electric Coil (NEC) began onsite work on June 15th as scheduled and project is currently tracking on time. The stator frame position was moved to centerline and machining was completed on the frame to match tolerance for new lamination design. Currently the process of stacking the laminations is in progress. All of the field poles have been removed from the rotor and sent to

EXTRAORDINARY O&M & CAPITAL PROJECTS

Texas for refurbishment. Nondestructive Testing (NDT) had also been completed on the rotor, with no deficiencies found.

JPP/OPP/DCI Fire Protection Systems Assessment

Status: Water Authority staff has drafted a scope of work for an outside engineering firm to provide the assessment. Plans are to contract with Reclamation for review of the assessment completed by the engineering firm.

O'NEILL PUMPING/GENERATING PLANT (OPP)

Design New Access Opening near Pump Bowl (1800332) FY2018 Project

Status: No Activity this month. The design phase of this project has been proposed for FY22 EO&M budget. SLDMWA plans to contract the design of new pump bowls through the original manufacturer, Fairbanks Morse. The new pump bowls will incorporate two cast in 'windows' for access hatches to provide safer, easier maintenance. All proposed modifications will need to be reviewed and approved according to Mid-Pacific Region Guidelines for the Review of Design Drawings and Specifications and Oversight of Related Activities on Transferred Works. This phase would include gathering the necessary engineering information and data to prove that the replacement bowls will operate within the design requirements for the pump. The result of the design phase will be the approval of the design modification and the Technical Specifications necessary to manufacture the new bowls.

Main Transformers Rehabilitation/Replacement Project (2001247)

Status: Value Planning (VP) Group is still working on the VP Study Report. SLDMWA is pursuing a two phased approach to achieve transformer reliability. Phase 1 is to pursue rehabilitation in FY22. Phase 2 is for the replacement of the transformers. Design for Phase 2 is to begin after the completion of Phase 1. Reclamation has accepted this plan and TSC is preparing to provide the Technical Specifications for the rehabilitation at the start of FY22. The TSC design group is currently drafting the Project Management Plan (PMP) that includes the cost estimates and construction schedule. In addition, the transformers are planned to have hot oil reconditioning completed this fall due to the declining values from the quarterly oil monitoring. Reconditioning is critical to ensure the transformers are eligible for rehabilitation.

Arc Flash Hazard Analysis, Facility Rating, & Protective Relays Reviews (Electrical Equipment Periodic Reviews) (2001994)

Status: The survey was completed in June. Follow-up engineering support has been provided to Jeff Redmon (Reclamation, TSC). Completion of periodic reviews expected in October. No recent activity.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (2000158)

Status: No activity this month.

TFO Control Building Foam Roof Re-Coating (2100997)

Status: Invitation for Bid was advertised, and two bids were received. Currently evaluating quality of low bid prior to award.



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

NOTE: ALL FIGURES ARE IN ACRE FEET

	July-2020	July-2019
JONES PUMPING PLANT - PUMPED	245,319	255,895
DCI PLANT - PUMPED	19,157	15,063
DCI PLANT - RETURNED	0	0
O'NEILL P/G PLANT - PUMPED	48,443	62,282
O'NEILL P/G PLANT - GENERATED	2,506	1,153
DMC DELIVERIES	52,311	55,507
RIVER/WELL/RECYCLE WATER INTO DMC	8,611	1,866
MENDOTA POOL DELIVERIES	128,791	153,193
SHASTA RESERVOIR STORAGE	2,677,900	4,024,500
SAN LUIS RESERVOIR STORAGE	966,524	1,418,766
* FEDERAL SHARE	203,947	581,063

	July-2020	July-2019
*SAN LUIS UNIT DELIVERIES	104,668	19,394
SAN LUIS UNIT WELL WATER	0	0
SAN FELIPE UNIT DELIVERIES	13,137	13,519

Jones Pumping Plant monthly average = 3,990 cfs

*July 2019 figure does not include Westlands Water District



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
July 2020**

To: Adam Hoffman; Erma Leal; Gabe Mora; Richard Reyes; Katrina Buelna; Liz Kiteck; Mark Rhodes; Marta Rivas; Melody Hernandez; Amy Oliveira; Sheryl Carter; Sonya Nechanicky; Stacey Smith; Tim Blair; Tom Boardman; Joyce Machado; Wes Harrison

From: Chauncey Lee, Water Operations Superintendent, 530-228-4504 (cell)

Date: 8/17/20

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)
Total Pumped @ Jones Pumping Plant	245,319			
Total Pumped @ DCI	(19,157)			
Total Reversed @ DCI	0			
City of Tracy		0	1,347	1,347
Byron Bethany I.D.		811	3	814
West Side I.D.		31	0	31
Banta Carbona I.D.		11	0	11
West Stanislaus I.D.		486	0	486
Patterson I.D.		0	0	0
Del Puerto W.D.		9,292	0	9,292
Central California I.D. - above check #13		2,376	0	2,376
San Luis W.D.- above check #13		0	0	0
Volta Wildlife Mgmt. Area (Fish & Wildlife)		0	0	0
Fish & Wildlife (Volta) Santa Fe - Kesterson		0	0	0
Grasslands W.D. (Volta)		0	0	0
Total Pumped @ O'Neill PP	(48,443)			
Total Generated @ O'Neill PP	2,506			
Central California I.D. - below check #13		28,487	0	28,487
Grasslands W.D. (76.05-L)		274	0	274
Fish & Game Los Banos Refuge (76.05-L)		408	0	408
Fish & Wildlife Kesterson (76.05-L)		0	0	0
Freitas Unit (76.05-L)		0	0	0
Salt Slough Unit (76.05-L)		1,007	0	1,007
China Island (76.05-L)		731	0	731
San Luis W.D. - below check #13		1,403	1	1,404
Panoche W.D.		822	2	824
Eagle Field W.D.		78	0	78
Oro Loma W.D.		0	0	0
Mercy Springs W.D.		0	0	0
Firebaugh Canal W.D. (D.M.C.)		4,741	0	4,741
River and Groundwater well pump-in	6,269			
North Valley Regional Recycled Water Program	2,342			
Change in Canal Storage	716			
Wasteway Flushing and Spill	(45)			
Total Available in Delta-Mendota Canal	189,507			
TOTAL DELIVERY FROM DELTA-MENDOTA CANAL	(52,311)	50,958	1,353	52,311
Theoretical DMC Delivery to Mendota Pool	137,196			
Total Estimated DMC Delivery to MP (determined at Check 20)	127,638			
Estimated (Loss) or Gain in DMC	(9,558)			
Estimated % Loss or Gain in DMC	-3.85%			



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
July 2020**

<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	127,638			
Mendota Pool Groundwater Well Pump-In	4,373			
(+)SJRR Releases into Mendota Pool	4,225			
(+) San Joaquin Flood Releases into Mendota Pool	0			
(+)Kings River Flood Releases into the Mendota Pool	0			
<u>Mendota Pool Delivery Information</u>				
<u>Exchange Contractors:</u>				
Central California Irrigation District (CCID)		69,539	0	69,539
Columbia Canal Company (CCC)		7,312	0	7,312
Firebaugh Canal Water District (FCWD)		5,439	0	5,439
San Luis Canal Company (SLCC)		24,622	0	24,622
<u>Refuge:</u>				
Conveyance Losses		0	0	0
Calif Dept of F/G-LB Unit (CCID)		136	0	136
Calif Dept of F/G-LB Unit (SLCC)		70	0	70
Calif Dept of F/G-Salt Slough Unit (CCID)		335	0	335
Calif Dept of F/G-China Island Unit (CCID)		243	0	243
US Fish & Wildlife-San Luis Refuge (SLCC)		2,500	0	2,500
US Fish & Wildlife-Freitas (CCID)		0	0	0
US Fish & Wildlife-Kesterson (CCID)		0	0	0
Grasslands WD (CCID)		13	0	13
Grasslands WD (SLCC)		210	0	210
Grasslands (Private)		78	0	78
San Luis WD Conveyance (CCID)		106	0	106
Del Puerto WD Conveyance (CCID)		41	0	41
<u>San Joaquin River Restoration:</u>				
SJRR		4,225	0	4,225
<i>Other: (see MP Operations Report)</i>		13,922	0	13,922
<i>Total Available Water in Mendota Pool</i>	136,236			
TOTAL DELIVERY FROM MENDOTA POOL	(128,791)	128,791	0	128,791
*Estimated (Loss) or Gain in Mendota Pool	(7,445)			
*Estimated % Loss or Gain in Mendota Pool	-5.46%			
Total System Delivery	(181,102)			
*Total Estimated System (Loss) or Gain	(17,003)			
*Total Estimated % System Loss or Gain	-6.46%			

Special Notes:



Jones Pumping Plant
July - 2020

Date	# OF UNITS	TIME ON/OFF	AVG DAILY CFS
1	4	CONTINUOUSLY	3505
2	4	CONTINUOUSLY	3525
3	4	CONTINUOUSLY	3526
4	4	CONTINUOUSLY	3519
5	4	CONTINUOUSLY	3507
6	4 to 3	0001	2691
7	3	CONTINUOUSLY	2859
8	3 to 4	0001	3531
9	4 to 5	0001	4312
10	5	CONTINUOUSLY	4299
11	5	CONTINUOUSLY	4299
12	5	CONTINUOUSLY	4297
13	5	CONTINUOUSLY	4287
14	5	CONTINUOUSLY	4296
15	5	CONTINUOUSLY	4305
16	5	CONTINUOUSLY	4301
17	5	CONTINUOUSLY	4303
18	5	CONTINUOUSLY	4297
19	5	CONTINUOUSLY	4301
20	5	CONTINUOUSLY	4312
21	5	CONTINUOUSLY	4306
22	5	CONTINUOUSLY	4308
23	5	CONTINUOUSLY	3989
24	5	CONTINUOUSLY	4305
25	5	CONTINUOUSLY	4307
26	5	CONTINUOUSLY	4303
27	5	CONTINUOUSLY	4295
28	5	CONTINUOUSLY	4297
29	5	CONTINUOUSLY	4297
30	5 to 4	0001	3504
31	4	CONTINUOUSLY	3500
AVG CFS for the month			3990



NON-PROJECT WATER CREDITS REPORT
 (ALL FIGURES IN ACRE FEET)
 July 2020 WA Credits

To: Adam Hoffman; Adam Scheuber; Amy Oliveira; Anthea Hansen; Kelley Geyer; Bobby Pierce; Brandon Kelley; Chris Eacock; David Weisenberger; Erma Leal; Frances Mizuno; Gabe Mora; Ian Uecker; Janet Gutierrez; Jarrett Martin; Jason Dean; Jeff Bryant; Juan Cadena; Katrina Buelna; Lon Martin; Lydia Sosa; Margaret Howe; Margie Lowe; Mark Rhodes; Marta Rivas; Melody Hernandez; Reza Shahcheraghi; Rick Gilmore; Sandra Reyes; Sheryl Carter; Siqing Liu; Stacey Smith; Wes Harrison

From : Chauncey Lee, Water Operations Superintendent, 530-228-4504 (cell)

Date: 8/17/20

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	441	1,191	1	0	BBID	750	(38)	712	712
13.31-L	4,804	4,804	1	0	BBID	0	0	0	0
14.26-R	5,217	5,217	1	0	BBID	0	0	0	0
15.11-R	1,883	1,988	1	0	BBID	105	(5)	100	346
20.42-L	21,561,990	22,350,547	1	0	BCID	2,000	(100)	1,900	9,500
20.42-L	21,561,990	22,350,547	1	0	USB/FWA	420	0	420	1,450
21.12-L	990	990	1.01	0	DPWD	0	0	0	0
21.86-L	769	769	1	0	DPWD	0	0	0	0
24.38-L	1,807	1,814	1.04	0	DPWD	7	0	7	51
29.95-R	1,004	1,014	0.87	0	DPWD	9	0	9	59
30.43-L	7,422	7,422	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	1,916	1,916	1.03	0	DPWD	0	0	0	0
31.31-L1	48,161	49,481	1	0	WSTAN	1,320	(66)	1,254	2,546
31.31-L2	48,161	49,481	1	0	DPWD	0	0	0	0
31.31-L3	48,161	49,481	1	0	PID	0	0	0	0
31.60-L	8,182	8,182	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	748	748	0.94	0	DPWD	0	0	0	0
36.80-L	1,844	1,844	1	0	DPWD	0	0	0	0
37.10-L	3,294	3,294	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	5,257,532	5,311,506	1	0	PID	374	(19)	355	4,896
42.53-L	5,257,532	5,311,506	1	0	DPWD	0	0	0	0
42.53-L	5,257,532	5,311,506	1	0	USB/FWA	865	0	865	3,146
43.22-L	55	55	1	0	DPWD	0	0	0	0
48.97-L	1,392	1,407	0.95	0	SLWD	14	(1)	13	472
50.46-L	4,109	4,109	1.07	0	DPWD	0	0	0	0
51.00-R	296	296	0.89	0	DPWD	0	0	0	0
51.66-L	337	337	0.98	0	DPWD	0	0	0	0
52.40-L	1,331	1,331	0.94	0	DPWD	0	0	0	0
58.28-L	1,533	1,628	1.02	0	SLWD	97	(5)	92	437
58.60-L	917	917	0.96	0	DPWD	0	0	0	0
58.73-R	307	314	1	0	DPWD	7	0	7	8
64.85-L	1,662	1,662	0.72	0	DPWD	0	0	0	0
UPPER DMC SUB TOTAL								5,734	23,623



NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)

July 2020 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	4,820	4,906	0.91	0	SLWD	78	(4)	74	261
79.13-L	2,418	2,421	1	0	SLWD	3	0	3	117
79.13-R	4,523	4,543	1.08	0	SLWD	22	(1)	21	131
79.60-L	9,287	9,551	0.84	0	SLWD	222	(11)	211	763
80.03-L	243	329	0.94	0	SLWD	81	(4)	77	219
80.03-R	638	645	1.05	0	SLWD	7	0	7	7
98.60-R	10,797	10,798	1	(1)	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	1,238	1,387	1	0	WIDREN WD	149	(7)	142	367
LOWER DMC SUB TOTAL								535	1,865
WARREN ACT CONTRACT CREDIT TOTAL								6,269	25,488
TOTAL GROSS PUMP-IN								CREDIT	
TOTAL (BYRON BETHANY IRRIGATION DISTRICT)						105	100	346	
TOTAL (BANTA CARBONA IRRIGATION DISTRICT)						0	0	0	
TOTAL (DEL PUERTO WATER DISTRICT)						23	23	118	
TOTAL (WEST STANISLAUS IRRIGATION DISTRICT)						808	768	768	
TOTAL (PATTERSON IRRIGATION DISTRICT)						374	355	4,896	
TOTAL (SAN LUIS WATER DISTRICT)						524	498	2,407	
TOTAL (PANOCH/MS WATER DISTRICT)						0	0	0	
TOTAL (MERCY SPRINGS WATER DISTRICT)						0	0	0	
TOTAL (WIDREN WATER DISTRICT)						149	142	367	
Other Warren Act Conveyance Credit Totals									
Del Puerto Water District:						0	0	0	
Banta Carbona Irrigation District:						2,000	1,900	9,500	
West Stanislaus Irrigation District:						512	486	1,778	
Byron Bethany Irrigation District:						750	712	712	
Patterson Irrigation District:						0	0	0	
San Joaquin River Restoration Pump Back BCID:						420	420	1,450	
San Joaquin River Restoration Pump Back PID:						865	865	3,146	

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



MENDOTA POOL OPERATIONS

2020

ALL FIGURES IN ACRE-FEET

To: Adam Hoffman; Bill Pipes; Cheryl Lassotovitch; Danny Wade; Donna Hanneman; Emily Thomas; Erma Leal; Steve Brueggemann; Gabe Mora; Hallie Rajkovich; Janet Gutierrez; Jason Dean; Jason Smith; Jeff Gallmann; Joy Kelley; Katarina Buelna; Linda Colella; Liz Kiteck; Margie Lowe; Mark Rhodes; Marta Rivas; Melody Hernandez; Amy Oliveira; Rebecca Heilman; Rick Yribarren; Sonya Nechanicky; Stacey Smith; Steven Stadler; Ted Baker; Tom Boardman; Joyce Machado; Wes Harrison; William Halligan

Prepared by: Chauncey Lee, Water Operations Superintendent, 530-228-4504 (cell)

9/8/2020

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FCWD	0	92	0	0	0	0	0						92
CCID	0	0	0	0	0	0	0						0
FRESNO SLOUGH	0	106	19	38	105	262	252						782
TPUD	0	24	0	0	24	26	15						89
JAMES I.D.	18	3,990	60	51	391	3,874	5,122						13,506
MEYERS	634	847	25	43	118	164	172						2,003
M.L. DUDLEY & INDART 1	49	173	251	167	204	304	435						1,583
MID VALLEY* (Kings River)	0	0	0	0	0	0	0						0
REC. DIST. 1606	0	88	28	0	71	164	125						476
STATE FISH & WILDLIFE	1,217	1,524	349	515	266	993	981						5,845
TRACTION	716	645	197	518	101	842	725						3,744
UNMETERED	75	90	20	100	20	110	150						565
Total	2,008	2,259	566	1,133	387	1,945	1,856	0	0	0	0	0	10,154
COELHO FAMILY TRUST 2	33	365	247	462	952	1,548	1,094						4,701
TRANQUILITY I.D.	0	2,103	1,142	1,522	3,319	4,875	4,608						17,569
WESTLANDS LATERAL-6	0	0	0	0	0	0	137						137
WESTLANDS LATERAL-7	0	0	0	0	0	84	0						84
CARVALHO TRUST	0	26	36	55	98	104	106						425
TOTAL	2,742	10,073	2,374	3,471	5,669	13,350	13,922	0	0	0	0	0	51,601

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
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Duck Clubs (Percent Full)	BECK	120	PATOS	COLE	TRANQUILITY	1 ACRE
	0%	0%	0%	0%	0%	0%

Jan, 2020 DMC Inflow 24,000 AF James Bypass Flows 0 AF	May, 2020 DMC Inflow 71,307 AF James Bypass Flows 0 AF	Sept, 2020 DMC Inflow AF James Bypass Flows AF
Feb, 2020 DMC Inflow 68,500 AF James Bypass Flows 0 AF	June, 2020 DMC Inflow 108,229 AF James Bypass Flows 0 AF	Oct, 2020 DMC Inflow AF James Bypass Flows AF
Mar, 2020 DMC Inflow 34,116 AF James Bypass Flows 0 AF	July, 2020 DMC Inflow 127,638 AF James Bypass Flows AF	Nov, 2020 DMC Inflow AF James Bypass Flows AF
Apr, 2020 DMC Inflow 35,852 AF James Bypass Flows 0 AF	Aug, 2020 DMC Inflow AF James Bypass Flows AF	Dec, 2020 DMC Inflow AF James Bypass Flows AF

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

JULY 2020

REACH TOTALS	POOL	INFLOW INTO AQUEDUCT	CUSTOMERS	AMOUNT IN AF
R3A 13137			Parks & Rec. @ San Luis Reservoir	0
			Santa Clara Valley Water District	11197
			Casa de Fruta (Santa Clara Valley Water District)	0
			San Benito Water District	1940
R3 1055	13		DFG @ O'Neill Forebay	88
	13		Parks & Rec. @ O'Neill Forebay	1
	13		DWR Water Truck at O'Neill 0 AF for Cattle Program @ O'Neill Forebay	0
	13		San Luis Water District	966
R4 30592	14		City of Dos Palos	209
	14		Pacheco Water District	1238
	14		San Luis Water District	8401
	14		Panoche Water District	58
	15		San Luis Water District	2868
	15		Panoche Water District	5964
R5 49919	16		Westlands Water District	11854
	16		DFG @ Lat. 4L (Pilibos)	19
	16		DFG @ Lat. 4L	0
	16		DFG @ Lat. 6L	0
	16		DFG @ Lat. 7L	0
	16		Westlands Water District	16003
	17		Westlands Water District	11058
	18		City of Coalinga	881
R6 14985	18		Pleasant Valley Pumping Plant	11600
	18		Westlands Water District	10358
	19		Alta Gas	0
	19		City of Huron (P&R-Area 11) @ Lat. 22R	4
	19		DWR Water Truck @ 22R/F&G @ Lat.22R	0
	19		Lemoore N.A.S. thru WWD 29L & 30L	331
9897	19		Kings County thru WWD 30L	0
	19		Westlands Water District	14650
	20		City of Huron @ Lat. 23R	107
	20		Kings County thru WWD 31L,32L,33L,34L,35L,36L	0
	20		Westlands Water District	7410
	21		City of Avenal	277
119585	21		Kings County thru WWD 37L,38L	0
	21		Westlands Water District	2103
		0	<---TOTALS--->	119585
TOTALS BY CUSTOMERS				
			Pacheco Water District	1238
			San Luis Water District	12235
			Panoche Water District	6022
			Westlands Water District	85036
			AltaGas	0
			City of Huron @ LAT. 23R	107
			City of Huron (P&R/Area 11 @ 22R)	4
			Lemoore N.A.S. thru WWD @ 29L & 30L	331
			Kings County thru WWD Laterals in Pools 19 - 21	0
			City of Avenal	277
			City of Dos Palos	209
			City of Coalinga	881
			DFG @ O'Neill Forebay	88
			Pacheco Tunnel	13137
			DFG @ Lateral 4L & 6L & 7L	19
			DWR Water Truck @ 22R/F&G @ Lat.22R	0
			Parks & Recreation	1
			0 AF for DWR Water Truck at O'Neill, 0 AF for Cattle Program @ O'Neill Reservoir	0
			Customers Total:	119585
Pool 12 - Reach 2B				
VA Turnout Use AF =	48			
DWR 3137(Rev.9/15)				119633



Monthly Availability Report

CW "Bill" Jones Pumping Plant

July - 2020

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Unit-2	744	8.5	1.14%	21.7	2.92%	95.94%	1	1) Kinney Strainer Shaft Replacement
Unit-3	744	0.0	0.00%	9.9	1.33%	98.67%	5	2) SEL 700G, RAM Failure
Unit-4	744	8.7	1.17%	0.0	0.00%	98.83%	3	1) Exciter Brush Replacement
Unit-5	744	744.0	100.00%	0.0	0.00%	0.00%	0	1) Stator Rewind/Rotor Rehabilitation
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Total	4464	761.2	17%	31.6	0.71%	82.29%	13	

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
July - 2020

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts		Comments
							Pump	Gen	
Unit-1	744	0.0	0.00%	0.0	0.00%	100.00%	2	2	
Unit-2	744	0.0	0.00%	16.4	2.20%	97.80%	5	2	2) Siphon Breaker/Excitation Trouble
Unit-3	744	0.0	0.00%	0.0	0.00%	100.00%	2	2	
Unit-4	744	0.0	0.00%	0.0	0.00%	100.00%	0	2	
Unit-5	744	706.7	94.99%	0.0	0.00%	5.01%	1	0	1) Annual Maintenance
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	2	1	
Total	4464	706.7	16%	16.4	0.37%	83.63%	12	9	

Notes:

(1) Planned maintenance

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



Monthly Availability Report

DCI Pumping Plant

July - 2020

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Total	2976	0.0	0%	0.0	0.00%	100.00%	8	

Notes:

(1) Planned maintenance

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