



March 4, 2021

To: Pablo Arroyave, Chief Operating Officer

From: Bob Martin, Facilities O&M Director

Subject: O&M Report for February 2021

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated at two units from February 1st to 16th. Pumping was increased to three units on the 16th and four units on the 19th due to available water. Pumping was decreased to three units on the 23rd, two units on the 25th, and to one unit on the 26th due to Delta outflow conditions.

As of February 23rd, pumping for the month of January at the JPP was 99,929 acre-feet. The O'Neill Pump/Generating Plant (OPP) pumped 77,560 acre-feet and no water was generated. No water was conveyed through the Delta-Mendota Canal/California Aqueduct Intertie Plant (DCI).

The Federal share in San Luis Reservoir on February 23rd was 475,509 acre-feet as compared to 514,437 acre-feet on February 23rd, 2020.

As of February 23rd, releases from Friant Dam ranged from 345 to 299 cfs and flows entering the Mendota Pool ranged from 141 to 77 cfs. Flows of 140 to 75 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, water samples, well soundings, and meter maintenance during the month of February.

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

- JPP Unit 4; Exciter brush replacement and cleaning
- OPP Unit 1; Confined space rescue training

Civil Maintenance Department

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

- Grading of DMC, Intake Channel, SLD and Wasteway operating roads
- Mitigate oil spill from abandoned waste oil containers near DMC Check 21
- Install Plexiglas barriers at Tracy Admin Office (TAO) and Tracy Warehouse
- Transport JPP Unit 5 rotor fan to sandblast/paint building and thrust bridge to JPP Machine Shop
- Erosion repair and embankment rebuilding on DMC

- Install tamper-proof locking mechanisms on roadway gates to Los Banos Field Office (LBFO) and extended height of wing fencing
- 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 and Wasteways

Plant Maintenance Department

Electrical/C&I Staff:

- JPP Unit 5 reassembly
- Repairs to outlets and lighting at Los Banos Admin Office (LBAO)
- Investigate loss of power at DMC Check 16
- Tracy 13.8kV switchgear protective relay updates and testing
- Replace JPP 100-ton crane festoon cable
- DMC Check 21 level detector calibration and adjustments
- TAO electrical distribution breaker replacement

Mechanical Staff:

- JPP Unit 5 rewind support and reassembly: Re-plumbed hydraulic lines to rotor brakes, installed rotor, thrust bearing bridge, thrust runner, coupled shaft, and began alignment checks
- Adjust OPP Unit 4 discharge pipe Dresser coupling

Confined Space Rescue training and certification provided by outside contractor at O'Neill Plant the week of February 22nd. Rescue team trained and certified includes O'Neill electrical and mechanical staff, Civil Maintenance staff, and Planning staff.

USBR Support Services

Water Authority crews performed the following work at USBR facilities for the month of February:

- Tracy Electrical PM's on TFCF Primary Louver Crane and Holding Tank Hoist
- Investigate high pressure pump water hammer

Engineering Department

The Engineering staff worked on the following projects during the month of February:

- JPP Unit 5 Rewind project
- JPP Unit 5 Excitation armature repair
- JPP flow control for the newly installed plant evaporative cooling unit
- JPP switchgear buildings relay settings update
- JPP Excitation slip ring brush holder upgrade to constant pressure type
- JPP Breaker Failure Relay SET-352 troubleshooting
- JPP and OPP Security System PM
- JPP Unit 3 CT Upgrade
- JPP butterfly valve accumulator tank 5-year inspections
- OPP fall protection and confined space improvements
- OPP vane control accumulator tanks 5-year inspection
- Anode replacement projects for DCI and OPP
- DMC subsidence correction project
- DMC bathymetric survey of problem areas

- DMC MP115.90 flowmeter evaluation
- Upper DMC communication upgrades
- DMC MP76.05 flowmeter communication
- DMC MP115.90 flowmeter
- RO&M Exam reports and recommendations
- Presentation for Los Banos High School Power/Engineering class
- TFCF engineering support for pumps and associated piping

Land Management Activity Summary

The Engineering staff issued (1) access permit during the month of February:

- Access permit P2102009 was issued to PG&E to recoat the gas line crossing located at DMC Milepost 32.61 (Howard Road).

The Engineering staff was involved with the following land management projects during the month of February:

- Widren Water District well discharge project, well adjustment
- Corral Hollow Bridge Replacement
- Tracy Hills Utility Crossing at MP15.08
- Koster Road bridge guardrail modifications

Safety Department

The Safety Department worked on the following items this month:

- JHA support for the crews
- Schedule of annual hearing tests
- Conduct Weekly Safety Tailgate talks with Maintenance and Operations crews
- Sent out Weekly Safety Tailgate Topics – SLDMWA COVID-19 Prevention Standard Procedures, Job Hazard Assessment, Roadside Safety, Caught In Between/Struck By hazards.
- Provided Safety Message for Monthly Newsletter – COVID-19 Vaccine Information
- Completed SLDMWA's COVID-19 Prevention Plan Roll Out Procedures and visited worksites to review procedures with employees
- Coordinated and oversaw Permit Required Confined Space Rescue Training at O'Neill Pumping Plant.

Work & Asset Management Department

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

EAM/Financial Software Replacement Project

- End users entering data for Accounts Receivable, processing Accounts Payable, creating service orders, entering Timesheets and Purchase orders and processing inventory, both receiving and checkouts.
- SuitePeople HR went live on 2/17/2021.
- Testing in process in the Projects module in preparation to setup FY22 EO&M Projects.
- The implementation team continues developing searches and reports to assist the end users.

- The implementation team is supporting the end users as they step through their daily work processes and continues working with the NetSuite, Shepherd, and PyanGo teams to fine-tune the system.

Contracts in Process

- CMAS Vehicle purchases initiated this month for approved FY22 Vehicle Replacements
- Researching Sourcewell Cooperative Agreement for purchase of approved FY22 Heavy Equipment Replacements.

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
- Fleet and property management
- Net Suite WAM invoicing/Bill Pays through Accounting
- Janitorial cleaning & disinfecting per COVID-19 guidelines
- Contract Management/Administration Activities

Information Technology Department

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

- Installation of new services/contracts with AT&T (Completed Feb 10)
- Un-Wired bandwidth increase February 16th
- Netsuite
 - Upgrade planning meetings
 - Online training, User and Administration
 - Post GO LIVE support
 - Email boxes for all employees
- Continuing support for our “Work at Home” users
- Assist with February FAC, WRC and BOD meetings with Zoom
- Desktop support calls.
- Email server upgrade preparations
- Sacramento Office move completed (Feb 5th)
- Planning for laptop refresh
- Began planning process to evaluate upgrading/replacing copiers
- Contacted document management vendor to look at potential of deployment
- Researched concurrent license install for new version of RX Logix software to be installed for C&I Technicians
- Adjustments to ZIX
- Symantec Enterprise Security – purchased / renewed licenses and installed
- Installed McCrometer Server awaiting McCrometer software install / Config

Human Resources Department

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

General Administrative Activities:

- Recruitments:
 - Special Programs Manager (re-advertised) currently reviewing applicants
 - Heavy Equipment Operator (recruiting continued)
 - Contract Specialist – offer made, accepted, started on February 22nd.
- SuitePeople (NetSuite) implementation
- Background checks for PIV cards (continuing)

Trainings/ Conferences:

- Stephanie, Leslie & Laures continued to view webinars for ensure compliance with new legislation as it pertains to COVID-19
- Stephanie, Leslie & Laures viewed weekly webinars hosted by the JPIA for COVID-19
- Completion and Implementation of COVID Prevention Plan with Safety Officer.

Government Reporting:

- Handbook update to incorporate updates/changes to California Family Rights Act (CFRA) which took effect 1/1/2021 (on-going).
- Completion of Affirmative Action Report for YE2020
- Annual queries with FMCSA for all Class A drivers

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 calendar year
- Wellness program

EXTRAORDINARY O&M & CAPITAL PROJECTS

DELTA-MENDOTA CANAL (DMC)

Bridge Abutment Repair at MP 92.73

Status: Project is on hold. The 6-inch pipe owned by PG&E that crosses under the bridge, adjacent to the abutment, is the main transmission line for the City of Dos Palos. All parties have agreed that it would be a safety hazard to conduct work with the gas line in place. SLDMWA & Reclamation prepared and mailed an official letter of non-compliance to PGE on February 22. The letter informs PG&E that their gas line is impeding O&M of the bridge and canal liner and advised them that the terms of their agreement state that their facility can not interfere with Reclamation's facility. Coordination efforts will continue however the project shall remain on hold until gas line has been realigned.

DMC Subsidence Mitigation

Status: The USBR Denver Office (TSC) issued a formal design data request in December and SLDMWA continues to gather data this month. Data deliverable is anticipated in March. It is a significant amount of data to gather, and requires significant resources to accomplish. Reclamation provided a scope of work for Geotechnical exploration required on canal to support TSC. SLDMWA will begin developing formal RFP for the geotechnical work in March, while Reclamation concurrently works on the environmental clearance documents. The contract could be awarded as early as April. Reclamation approved the pump submittal for the supply contract for the two additional pumps at the Intertie Pumping Plant. The installation of the government furnished items will be completed by UNICO Services. Mobilization is scheduled to occur in September 2021, with completion scheduled by March 2022.

DMC Flowmeter Upgrade Program

Status: Meters are currently being manufactured by McCrometer. The first 20 meters have been received, with the balance of meters expected to be delivered by May.

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

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

Status: No activity this month. USBR Denver Office engineering staff continue to work on the design of the static system. USBR is expecting to deliver the 90% design to the Water Authority in March.

JPP Unit No. 5 Rewind

Status: The repair to the coil in slot 58 was completed and tested. One of the rotor poles had a low voltage reading during one of the acceptance tests; this pole was removed, sent to the NEC factory in Texas and overhauled. After it was overhauled and reinstalled in the rotor the reading was still slightly out of tolerance. After consulting with USBR Denver it was decided that the specification could be modified allowing this exception. Reassembly of JU5 is in progress and performance testing is scheduled for March 15 to March 19.

JPP Unit No. 1 Rewind

Status: The Notice to Proceed was sent to National Electric Coil (NEC) in November. The agreement with DHR Hydro Services was executed in November to perform the project management of the NEC contract. Production of the stator core laminations is currently underway in Poland.

EXTRAORDINARY O&M & CAPITAL PROJECTS

JPP/OPP/DCI Fire Protection Systems Assessment

Status: Water Authority awarded a contract to FRA to perform a systems assessment in January 2021. The site surveys and exchange of documents are complete. Final reports for each facility are expected to be completed by April 2021.

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. The design phase will include the approval of the design modification and the Technical Specifications necessary to manufacture the new bowls.

Main Transformers Rehabilitation/Replacement Project (2001247)

Status: 90% Design was reviewed with TSC, CVO, and MP-250, with only minor items noted such as missing drawings, contract clauses, and device pictures. The 90% cost estimate has also been provided by TSC.

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

Status: The draft for the Facility Rating Review is currently in peer review. TSC has started work on the Arc Flash Hazard Analysis and the Protective Relays Review.

TRACY FACILITIES (TFO)

TFO Domestic Water Treatment Plant Replacement (2000158)

Status: No activity this month. Engineering review of the water treatment plant data has begun. A topographic drawing was prepared to address the flooding issue of the existing treatment building and will include underground utility coordination.



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

NOTE: ALL FIGURES ARE IN ACRE FEET

	January-2021	January-2020
JONES PUMPING PLANT - PUMPED	70,850	256,214
DCI PLANT - PUMPED	0	28,278
DCI PLANT - RETURNED	0	0
O'NEILL P/G PLANT - PUMPED	60,628	199,515
O'NEILL P/G PLANT - GENERATED	0	0
DMC DELIVERIES	1,709	5,090
RIVER/WELL/RECYCLE WATER INTO DMC	10,034	887
MENDOTA POOL DELIVERIES	23,211	30,094
SHASTA RESERVOIR STORAGE	2,128,700	3,482,200
SAN LUIS RESERVOIR STORAGE	1,059,893	1,517,673
SLR FEDERAL SHARE	415,956	573,228

	January-2021	January-2020
*SAN LUIS UNIT DELIVERIES	8,421	1,342
SAN LUIS UNIT WELL WATER	0	0
SAN FELIPE UNIT DELIVERIES	10,733	4,525

Jones Pumping Plant monthly average = 4,167 cfs

*January 2020 figure does not include Westlands Water District



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
January 2021**

To: Adam Hoffman; Erma Leal; Gabe Mora; Katrina Buelna; Liz Kiteck; Mark Rhodes; Marta Rivas; Melody Hernandez; 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: 2/18/21

Revised: 2/22/21

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	70,850			
Total Pumped @ DCI	0			
Total Reversed @ DCI	0			
City of Tracy		0	0	0
Byron Bethany I.D.		2	0	2
West Side I.D.		0	0	0
Banta Carbona I.D.		0	0	0
West Stanislaus I.D.		0	0	0
Patterson I.D.		216	0	216
Del Puerto W.D.		227	0	227
Central California I.D. - above check #13		22	0	22
San Luis W.D.- above check #13		0	0	0
Volta Wildlife Mgmt. Area (Fish & Game)		651	0	651
Fish & Wildlife (Volta) Santa Fe - Kesterson		0	0	0
Grasslands W.D. (Volta)		0	0	0
Total Pumped @ O'Neill PP	(60,628)			
Total Generated @ O'Neill PP	0			
Central California I.D. - below check #13		12	0	12
Grasslands W.D. (76.05-L)		0	0	0
Fish & Game Los Banos Refuge (76.05-L)		35	0	35
Fish & Wildlife Kesterson (76.05-L)		80	0	80
Freitas Unit (76.05-L)		80	0	80
Salt Slough Unit (76.05-L)		67	0	67
China Island (76.05-L)		34	0	34
San Luis W.D. - below check #13		68	0	68
Panoche W.D.		2	2	4
Eagle Field W.D.		9	0	9
Oro Loma W.D.		0	0	0
Mercy Springs W.D.		0	0	0
Firebaugh Canal W.D. (D.M.C.)		202	0	202
River and Groundwater well pump-in	7,914			
North Valley Regional Recycled Water Program	2,120			
Change in Canal Storage	(66)			
Wasteway Flushing and Spill	(45)			
Total Available in Delta-Mendota Canal	20,145			
TOTAL DELIVERY FROM DELTA-MENDOTA CANAL	(1,709)	1,707	2	1,709
Theoretical DMC Delivery to Mendota Pool	18,436			
Total DMC Metered Delivery to MP	15,988			
Estimated (Loss) or Gain in DMC	(2,448)			
Estimated % Loss or Gain in DMC	-3.46%			



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
January 2021**

<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	15,988			
Mendota Pool Groundwater Well Pump-In	10			
(+)SJRR Releases into Mendota Pool	8,700			
(+)Kings River Flood Releases into the Mendota Pool	0			
<u>Mendota Pool Delivery Information</u>				
<u>Exchange Contractors:</u>				
Central California Irrigation District (CCID)		1,924	0	1,924
Columbia Canal Company (CCC)		0	0	0
Firebaugh Canal Water District (FCWD)		44	0	44
San Luis Canal Company (SLCC)		0	0	0
<u>Refuge:</u>				
Conveyance Losses		907	0	907
Calif Dept of F/G-LB Unit (CCID)		388	0	388
Calif Dept of F/G-LB Unit (SLCC)		480	0	480
Calif Dept of F/G-Salt Slough Unit (CCID)		721	0	721
Calif Dept of F/G-China Island Unit (CCID)		363	0	363
US Fish & Wildlife-San Luis Refuge (SLCC)		3,920	0	3,920
US Fish & Wildlife-Freitas (CCID)		866	0	866
US Fish & Wildlife-Kesterson (CCID)		866	0	866
Grasslands WD (CCID)		0	0	0
Grasslands WD (SLCC)		1,055	0	1,055
Grasslands (Private)		128	0	128
San Luis WD Conveyance (CCID)		0	0	0
<u>San Joaquin River Restoration:</u>				
SJRR		8,549	0	8,549
<i>Other: (see MP Operations Report)</i>		3,000	0	3,000
<i>Total Available Water in Mendota Pool</i>	24,698			
TOTAL DELIVERY FROM MENDOTA POOL	(23,211)	23,211	0	23,211
*Estimated (Loss) or Gain in Mendota Pool	(1,487)			
*Estimated % Loss or Gain in Mendota Pool	-6.02%			
Total System Delivery	(24,920)			
*Total Estimated System (Loss) or Gain	(3,935)			
*Total Estimated % System Loss or Gain	-4.50%			

Special Notes:

The report was revised due to changes in the CCID refuge deliveries.



Jones Pumping Plant
January - 2021

Date	# OF UNITS	TIME ON/OFF	AVG DAILY CFS
1	1	CONTINUOUSLY	835
2	1	CONTINUOUSLY	834
3	1	CONTINUOUSLY	836
4	1	CONTINUOUSLY	840
5	1	CONTINUOUSLY	831
6	1	CONTINUOUSLY	830
7	1	CONTINUOUSLY	827
8	1	CONTINUOUSLY	826
9	1	CONTINUOUSLY	826
10	1	CONTINUOUSLY	828
11	1	CONTINUOUSLY	831
12	1	CONTINUOUSLY	835
13	1	CONTINUOUSLY	832
14	1	CONTINUOUSLY	832
15	1	CONTINUOUSLY	835
16	1	CONTINUOUSLY	834
17	1	CONTINUOUSLY	834
18	1	CONTINUOUSLY	829
19	1	CONTINUOUSLY	830
20	1 to 2	0001	1647
21	2	CONTINUOUSLY	1658
22	2	CONTINUOUSLY	1657
23	2	CONTINUOUSLY	1659
24	2	CONTINUOUSLY	1660
25	2	CONTINUOUSLY	1645
26	2	CONTINUOUSLY	1656
27	2	CONTINUOUSLY	1667
28	2	CONTINUOUSLY	1665
29	2	CONTINUOUSLY	1665
30	2	CONTINUOUSLY	1665
31	2	CONTINUOUSLY	1668
AVG CFS for the month			1152



NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)

January 2021 WA Credits

To: Adam Hoffman; Adam Scheuber; 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 Buena; 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: 2/18/21

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	2,303	2,304	1	(1)	BBID	0	0	0	1,768
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	1,988	1,988	1	0	BBID	0	0	0	346
20.42-L	25,253,849	26,711,298	1	0	BCID	1,663	(83)	1,580	13,360
20.42-L	25,253,849	26,711,298	1	0	USB/FWA	2,810	0	2,810	9,957
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	2,004	2,126	1.04	0	DPWD	127	(6)	121	360
29.95-R	1,221	1,254	0.87	0	DPWD	29	(1)	28	256
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	51,219	52,290	1	0	WSTAN	1,071	(54)	1,017	5,213
31.31-L2	51,219	52,290	1	0	DPWD	0	0	0	0
31.31-L3	51,219	52,290	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	5,670,913	5,751,449	1	0	PID	1,209	(60)	1,149	6,508
42.53-L	5,670,913	5,751,449	1	0	DPWD	0	0	0	0
42.53-L	5,670,913	5,751,449	1	0	USB/FWA	640	0	640	11,549
43.22-L	55	55	1	0	DPWD	0	0	0	0
48.97-L	1,748	1,951	0.95	0	SLWD	193	(10)	183	963
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	2,012	2,077	1.02	0	SLWD	66	(3)	63	871
58.60-L	917	917	0.96	0	DPWD	0	0	0	0
58.73-R	370	392	1	0	DPWD	22	(1)	21	81
64.85-L	1,662	1,662	0.72	0	DPWD	0	0	0	0
UPPER DMC SUB TOTAL								7,612	51,232



NON-PROJECT WATER CREDITS REPORT

(ALL FIGURES IN ACRE FEET)

January 2021 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	4,911	4,943	0.91	0	SLWD	29	(1)	28	294
79.13-L	2,656	2,703	1	0	SLWD	47	(2)	45	385
79.13-R	4,544	4,569	1.08	0	SLWD	27	(1)	26	158
79.60-L	10,533	10,733	0.84	0	SLWD	168	(8)	160	1,707
80.03-L	334	375	0.94	0	SLWD	39	(2)	37	261
80.03-R	646	652	1.05	0	SLWD	6	0	6	14
98.60-R	10,801	10,802	1	(1)	PANOCHÉ/MS	0	0	0	0
98.74-L	5,695	5,695	1.14	0	PANOCHÉ/MS	0	0	0	0
99.24-L	10,493	10,493	0.92	0	PANOCHÉ/MS	0	0	0	0
100.70-L	6,211	6,211	1	0	PANOCHÉ/MS	0	0	0	0
102.04-R	1,598	1,598	1	0	WIDREN WD	0	0	0	567
LOWER DMC SUB TOTAL								302	3,386
WARREN ACT CONTRACT CREDIT TOTAL								7,914	54,618
TOTAL GROSS PUMP-IN								CREDIT	
TOTAL (BYRON BETHANY IRRIGATION DISTRICT)						0	0	1,768	
TOTAL (BANTA CARBONA IRRIGATION DISTRICT)						0	0	346	
TOTAL (DEL PUERTO WATER DISTRICT)						178	170	697	
TOTAL (WEST STANISLAUS IRRIGATION DISTRICT)						1,071	1,017	2,822	
TOTAL (PATTERSON IRRIGATION DISTRICT)						1,209	1,149	6,508	
TOTAL (SAN LUIS WATER DISTRICT)						575	548	4,653	
TOTAL (PANOCHÉ WATER DISTRICT)						0	0	0	
TOTAL (MERCY SPRINGS WATER DISTRICT)						0	0	0	
TOTAL (WIDREN WATER DISTRICT)						0	0	567	
Other Warren Act Conveyance Credit Totals									
Del Puerto Water District:						0	0	0	
Banta Carbona Irrigation District:						1,663	1,580	13,360	
West Stanislaus Irrigation District:						0	0	2,391	
Byron Bethany Irrigation District:						0	0	1,768	
Patterson Irrigation District:						0	0	0	
San Joaquin River Restoration Pump Back BCID:						2,810	2,810	9,957	
San Joaquin River Restoration Pump Back PID:						640	640	11,549	

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

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

JANUARY 2021

REACH TOTALS	POOL	INFLOW INTO AQUEDUCT	CUSTOMERS	AMOUNT IN AF
R3A 10734			Parks & Rec. @ San Luis Reservoir	1
			Santa Clara Valley Water District	8540
			Casa de Fruta (Santa Clara Valley Water District)	0
			San Benito Water District	2193
R3 126	13		DFG @ O'Neill Forebay	75
	13		Parks & Rec. @ O'Neill Forebay	0
	13		DWR Water Truck at O'Neill 0 AF for Cattle Program @ O'Neill Forebay	1
	13		San Luis Water District	50
R4 2325	14		City of Dos Palos	63
	14		Pacheco Water District	0
	14		San Luis Water District	705
	14		Panoche Water District	35
	15		San Luis Water District	430
	15		Panoche Water District	229
	15		Westlands Water District	863
R5 4420	16		DFG @ Lat. 4L (Pilibos)	0
	16		DFG @ Lat. 4L	0
	16		DFG @ Lat. 6L	0
	16		DFG @ Lat. 7L	0
	16		Westlands Water District	817
	17		Westlands Water District	748
	18		City of Coalinga	390
	18		Pleasant Valley Pumping Plant	1177
	18	234	Westlands Water District	1288
R6 1044	19		Alta Gas	0
	19		City of Huron (P&R-Area 11) @ Lat. 22R	0
	19		DWR Water Truck @ 22R/F&G @ Lat.22R	0
	19		Lemoore N.A.S. thru WWD 29L & 30L	84
	19		Kings County thru WWD 30L	0
	19		Westlands Water District	960
1241	20		City of Huron @ Lat. 23R	52
	20		Kings County thru WWD 31L,32L,33L,34L,35L,36L	0
	20		Westlands Water District	438
	21		City of Avenal	146
	21		Kings County thru WWD 37L,38L	0
	21		Westlands Water District	605
19890		234	<---TOTALS---	19890
TOTALS BY CUSTOMERS				
Flood Water Inflows:				
Pool 18	234 AF		Pacheco Water District	0
			San Luis Water District	1185
			Panoche Water District	264
			Westlands Water District	6896
			AltaGas	0
			City of Huron @ LAT. 23R	52
			City of Huron (P&R/Area 11 @ 22R)	0
			Lemoore N.A.S. thru WWD @ 29L & 30L	84
			Kings County thru WWD Laterals in Pools 19 - 21	0
			City of Avenal	146
			City of Dos Palos	63
			City of Coalinga	390
			DFG @ O'Neill Forebay	75
			Pacheco Tunnel	10733
			DFG @ Lateral 4L & 6L & 7L	0
			DWR Water Truck @ 22R/F&G @ Lat.22R	0
			Parks & Recreation	1
			0 AF for DWR Water Truck at O'Neill, 0 AF for Cattle Program @ O'Neill Reservoir	1
			Customers Total:	19890
Pool 12 - Reach 2B VA Turnout Use AF = 0				
DWR 3137(Rev.9/15)				19890



Monthly Availability Report

CW "Bill" Jones Pumping Plant

January - 2021

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%	1	
Unit-2	744	8.1	1.09%	0.0	0.00%	98.91%	0	1) Brush replacement
Unit-3	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-4	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-5	744	744.0	100.00%	0.0	0.00%	0.00%	0	1) Unit Rewind and Rotor Rehab
Unit-6	744	85.4	11.48%	0.0	0.00%	88.52%	0	1) AM
Total	4464	837.5	19%	0.0	0.00%	81.00%	1	

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

January - 2021

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

Notes:

(1) Planned maintenance

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



Monthly Availability Report

DCI Pumping Plant

January - 2021

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%	0	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Total	2976	0.0	0%	0.0	0.00%	100.00%	0	

Notes:

(1) Planned maintenance

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