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**Subject:** Electronic Transmittal: Conserved Water Accounting for August 2021 under TUCP Order

**EXTERNAL:**

In its June 1, 2021 Order Conditionally Approving a Petition for Temporary Urgency Changes in License and Permit Terms and Conditions Requiring Compliance with Delta Water Quality Objectives in Response to Drought Conditions, the State Water Resources Control Board (Board) required the Department of Water Resources (DWR) and the U.S. Bureau of Reclamation (Reclamation) to “calculate and maintain a record of the amount of water conserved through the changes authorized by this Order, as well as a record of where that water was conserved, submit such records on a monthly basis to the State Water Board within 20 working days after the first day of the following month.” In compliance with this requirement, DWR and Reclamation are presenting the attached table showing daily accounting for conserved water under the Order for the month of August.

The Order extended through August 15 the change to the Western Delta agricultural objective compliance point from Emmaton to Three Mile Slough.

The Projects operated under the Order from August 1<sup>st</sup> – August 15<sup>th</sup>. The amount of water that would have been required to meet the unmodified D-1641 standards for August was determined to be approximately 26 TAF. This amount was conserved upstream by the Projects in August and it has been determined that the water conserved would likely have come from Shasta storage.

If you have any questions or would like more information, please contact me at (916) 574-2991.

**Ian Uecker, PE**

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August Date	Historical Daily Outflow (cfs)	Historical 7-Day Outflow (cfs)	TUCP in effect?		Daily Combined Exports	Historical Emmaton (14 day EC)	Modeled Emmaton (14 Day EC)	Additional Outflow Needed (cfs)	Water Shortage (TAF)
			NDOI	EC					
8/1/2021	3010	3198		x	1095	4212	2766	1000	1.98
8/2/2021	3121	3157		x	1100	4205	2784	1000	1.98
8/3/2021	3451	3162		x	1093	4167	2762	1600	3.17
8/4/2021	3094	3076		x	1099	4138	2726	1600	3.17
8/5/2021	2812	3081		x	1098	4204	2755	1600	3.17
8/6/2021	3473	3141		x	1117	4142	2600	1600	3.17
8/7/2021	3795	3251		x	1097	4081	2494	500	0.99
8/8/2021	3075	3260		x	1503	4043	2492	500	0.99
8/9/2021	3747	3349		x	803	4007	2487	500	0.99
8/10/2021	3648	3378		x	1097	4031	2560	500	0.99
8/11/2021	3511	3437		x	1096	4047	2621	500	0.99
8/12/2021	3277	3504		x	1092	4048	2652	500	0.99
8/13/2021	3368	3489		x	1090	4028	2706	500	0.99
8/14/2021	3464	3441		x	1094	3979	2715	500	0.99
8/15/2021	3455	3496		x	1097	3951	2750	500	0.99
8/16/2021	3393	3445			1097	3949			
8/17/2021	3582	3435			1150	3970			
8/18/2021	3797	3476			1146	3981			
8/19/2021	4020	3583			1142	3979			
8/20/2021	4025	3676			1272	4006			
8/21/2021	3854	3732			1333	4042			
8/22/2021	3686	3765			1328	4034			
8/23/2021	3885	3836			1328	4026			
8/24/2021	3560	3832			1329	4020			
8/25/2021	3693	3818			1330	3981			
8/26/2021	3609	3759			1319	3909			
8/27/2021	4115	3772			1186	3835			
8/28/2021	3718	3752			1339	3795			
8/29/2021	3486	3724			1340	3786			
8/30/2021	3604	3683			1342	3776			
8/31/2021	3574	3685			1349	3743			

Monthly Average 3545

Total (TAF) 25.58

D1641 Standards	
Emmaton	2.78 umhos/cm

Draft: Subject to revision