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**Sent:** Friday, November 20, 2015 3:15 PM

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**Subject:** Electronic Transmittal: Conserved Water Accounting for October 2015 under TUCP Order

Les--

In its July 3, 2015 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) continued to require 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 October.

Under D-1641, the minimum monthly average flow required at Rio Vista in October is 3,000 cubic feet per second (cfs). The July 3 Order reduced the minimum monthly average to 2,500 cfs from September 1 through November 15, with a 7-day average of no less than 2,000 cfs. Additional water would have been necessary to meet the D-1641 Rio Vista monthly flow objective. Alternatively, the Rio Vista objective could have been met by closing the Delta Cross Channel gates.

The Projects operated under the Order from October 1 through 30. The amount of water that would have been required to meet the unmodified D-1641 standard for October was determined to be approximately 29 TAF. This amount is assumed to be provided from upstream Project reservoirs in October. The cumulative total water conserved under the TUCP in 2015 to date is approximately 832 TAF.

If you have any questions or would like more information, please contact me at (916) 574-0456 or Liz Kiteck at (916) 979-2684.

Thanks!

Dan

**Dan Yamanaka**

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October 2015 Date	Historical Daily Outflow (cfs)	Historical 3-Day Outflow (cfs)	TUCP in effect?	Daily Combined Exports (cfs)	Daily Rio Vista (cfs)	7-Day Rio Vista (cfs)	Additional Water for Rio Vista(cfs)	TOTAL Additional Water Needed (cfs)	TOTAL Additional Water Needed (TAF)
			Rio Vista						
10/1/2015	4787	4481	x	1037	2889	2760	158	158	0.31
10/2/2015	6227	5148	x	1055	3169	2794	0	0	0.00
10/3/2015	6483	5832	x	1076	3317	2888	0	0	0.00
10/4/2015	5673	6128	x	1077	2738	2859	371	371	0.73
10/5/2015	6399	6185	x	1076	3243	2928	0	0	0.00
10/6/2015	6383	6152	x	1069	3211	3027	0	0	0.00
10/7/2015	4815	5866	x	1074	2775	3049	318	318	0.63
10/8/2015	4768	5322	x	1080	2733	3027	378	378	0.75
10/9/2015	4776	4786	x	1070	2716	2962	402	402	0.80
10/10/2015	4856	4800	x	1072	2726	2877	387	387	0.77
10/11/2015	3615	4416	x	1870	2386	2827	868	868	1.72
10/12/2015	4166	4212	x	1878	2776	2760	317	317	0.63
10/13/2015	4277	4019	x	1883	2826	2705	247	247	0.49
10/14/2015	3957	4133	x	1886	2627	2684	528	528	1.05
10/15/2015	3649	3961	x	1898	2418	2639	823	823	1.63
10/16/2015	3964	3857	x	1890	2577	2619	598	598	1.19
10/17/2015	4416	4010	x	1893	2745	2622	360	360	0.71
10/18/2015	5160	4513	x	1299	2698	2667	427	427	0.85
10/19/2015	5503	5026	x	1061	2808	2671	271	271	0.54
10/20/2015	5674	5445	x	1104	3058	2705	0	0	0.00
10/21/2015	5476	5551	x	1146	3067	2767	0	0	0.00
10/22/2015	4620	5256	x	1194	2627	2797	527	527	1.05
10/23/2015	4908	5001	x	1242	2742	2821	364	364	0.72
10/24/2015	4811	4780	x	1240	2567	2796	612	612	1.21
10/25/2015	4512	4744	x	1245	2433	2758	802	802	1.59
10/26/2015	3983	4435	x	1239	2067	2652	1319	1319	2.62
10/27/2015	4619	4371	x	1233	2138	2520	1219	1219	2.42
10/28/2015	4935	4512	x	1225	2035	2373	1365	1365	2.71
10/29/2015	5328	4961	x	1219	2008	2284	1403	1403	2.78
10/30/2015	5850	5371	x	1226	3680	2418	735	735	1.46
10/31/2015	5065	5414	x	1468	3343	2529	0	0	0.00
Monthly Average	4,953				2,727			Total (TAF)	29.35
D1641 Standards								Running Total (TAF)	831.56
NDOI		3,000 cfs							
Rio Vista (monthly)		3,000 cfs							