

From: Yamanaka, Dan@DWR
Sent: Monday, October 26, 2015 11:29 AM
To: Grober, Les@Waterboards
Cc: Stein, Russell@DWR; Rea, Maria@NOAA; pfujitani@usbr.gov; Wilcox, Carl@Wildlife; Rico, Christine@Waterboards; Castleberry, Dan@fws; Garwin.Yip@noaa.gov; Riddle, Diane@Waterboards; RMILLIGAN@usbr.gov; Pettit, Tracy@DWR; Mizell, James@DWR; Leahigh, John@DWR; ekiteck@usbr.gov; PManza@usbr.gov; Hinojosa, Tracy@DWR; Rabin, Larry@fws.gov; JSandberg@usbr.gov; Miller, Aaron@DWR; Giorgi, Bryant@DWR; Chu, Andy@DWR; Masier, Guy@DWR; Satkowski, Rich@Waterboards
Subject: RE: Electronic Transmittal: Conserved Water Accounting for September 2015 under TUCP Order

Correction: This transmittal was for September, not August as was shown in the subject line in the original email. All other information was correct.

Sorry for the confusion.

Dan

From: Yamanaka, Dan@DWR
Sent: Monday, October 26, 2015 11:17 AM
To: Grober, Les@Waterboards
Cc: Stein, Russell@DWR; Rea, Maria@NOAA; pfujitani@usbr.gov; Wilcox, Carl@Wildlife; Rico, Christine@Waterboards; Castleberry, Dan@fws; Garwin.Yip@noaa.gov; Riddle, Diane@Waterboards; RMILLIGAN@usbr.gov; Pettit, Tracy@DWR; Mizell, James@DWR; Leahigh, John@DWR; ekiteck@usbr.gov; PManza@usbr.gov; Hinojosa, Tracy@DWR; Rabin, Larry@fws.gov; JSandberg@usbr.gov; Miller, Aaron@DWR; Giorgi, Bryant@DWR; Chu, Andy@DWR; Masier, Guy@DWR; Satkowski, Rich@Waterboards
Subject: Electronic Transmittal: Conserved Water Accounting for August 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 September.

Under D-1641, the minimum monthly average flow required at Rio Vista in September 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 September 1 through 30. The amount of water that would have been required to meet the unmodified D-1641 standard for September was determined to be approximately 9 TAF. This amount is assumed to be provided from upstream Project reservoirs in September. The cumulative total water conserved under the TUCP in 2015 to date is approximately 803 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

Chief, Delta Compliance & Modeling Section

Operations Control Office

3310 El Camino Avenue, Suite 300

Sacramento, California 95821

(916) 574-0456 - Office

September 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						
9/1/2015	3908	3595	x	588	3268	3242	0	0	0.00
9/2/2015	3823	3751	x	492	3117	3277	0	0	0.00
9/3/2015	3637	3790	x	683	3006	3285	0	0	0.00
9/4/2015	3726	3729	x	541	3216	3283	0	0	0.00
9/5/2015	3653	3672	x	585	3022	3231	0	0	0.00
9/6/2015	3947	3775	x	586	3235	3195	0	0	0.00
9/7/2015	3791	3797	x	638	3088	3136	0	0	0.00
9/8/2015	3887	3875	x	586	3072	3108	0	0	0.00
9/9/2015	3821	3833	x	582	3074	3102	0	0	0.00
9/10/2015	3877	3862	x	628	3041	3107	0	0	0.00
9/11/2015	3605	3768	x	671	3042	3082	0	0	0.00
9/12/2015	3550	3677	x	581	3033	3083	0	0	0.00
9/13/2015	3804	3653	x	586	2965	3045	49	49	0.10
9/14/2015	3745	3700	x	491	2869	3014	185	185	0.37
9/15/2015	3714	3755	x	496	2832	2979	237	237	0.47
9/16/2015	3505	3655	x	649	3011	2970	0	0	0.00
9/17/2015	2964	3394	x	492	3341	3013	0	0	0.00
9/18/2015	2528	2999	x	982	3198	3035	0	0	0.00
9/19/2015	1700	2397	x	967	2992	3030	11	11	0.02
9/20/2015	1965	2064	x	947	2856	3014	204	204	0.40
9/21/2015	2133	1932	x	934	2810	3006	268	268	0.53
9/22/2015	1887	1995	x	961	2615	2975	545	545	1.08
9/23/2015	2313	2111	x	953	2475	2898	742	742	1.47
9/24/2015	2584	2262	x	1052	3020	2852	0	0	0.00
9/25/2015	2753	2550	x	1457	2933	2814	95	95	0.19
9/26/2015	3195	2844	x	1781	2661	2767	479	479	0.95
9/27/2015	3231	3060	x	1857	2940	2779	85	85	0.17
9/28/2015	1613	2680	x	2520	2759	2772	341	341	0.68
9/29/2015	1730	2191	x	4495	2516	2758	685	685	1.36
9/30/2015	1694	1679	x	4704	2626	2779	529	529	1.05
Monthly Average	3076			Monthly Average	2954			Total (TAF)	8.84
D1641 Standards								Running Total (TAF)	802.63
NDOI									
Rio Vista (monthly)									