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CENTRAL UTAH WATER
CONSERVANCY DISTRICT

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October 30, 2014

Teresa Wilhelmsen, P.E.
Regional Engineer
Utah Lake / Jordan River Area Office
Utah Division of Water Rights
1594 West North Temple, Suite 200
P.O. Box 146300
Salt Lake City, Utah 84114-6300

Subject: DRAFT Water Year 2014 Administration of Central Utah Project, Bonneville Unit, Utah Lake / Provo River Storage Exchanges under CUP Water Right Nos. A40523, A36639, A37093, E398, E4319 and Central Utah Water Conservancy District Water Right Nos. E3100 and E3101

Dear Teresa:

The purpose of this letter is to comply with the November 1 deadline under the Utah Lake Distribution Plan, as amended, to report trans-basin imports, reservoir releases, and return flow credits claimed. Please note that to comply with the November 1 deadline; we are estimating values for October, 2014, since these figures are not yet available. We also have not received all of the information needed to verify this report from the Provo River Commissioner and the Spanish Fork River Commissioner. Once this information has been provided to us we will update this report and resubmit it to you.

In early February 2014, it was not clearly evident that the level of Utah Lake would cross the conversion line. Therefore on February 10, 2014, a request was sent to your office requesting that exchanges E4319, E3100 and E3101 be used to lower the Utah Lake conversion line in accordance with the Utah Lake Distribution Plan. The letter also requested that if conversion was not possible then the listed exchanges would be used for direct exchange. Furthermore the District also requested to not use E398 until E4319, E3100, and E3101 had been exhausted. The elevation of Utah Lake was not sufficient to cross the lowered conversion line and on August 15, 2014 a letter from your office was sent indicating that the lowered conversion line had not, and was not likely to cross the lowered conversion line. CUP system storage would need to be exchanged from Utah Lake using Exchange applications E4319, E3100, and E3101.

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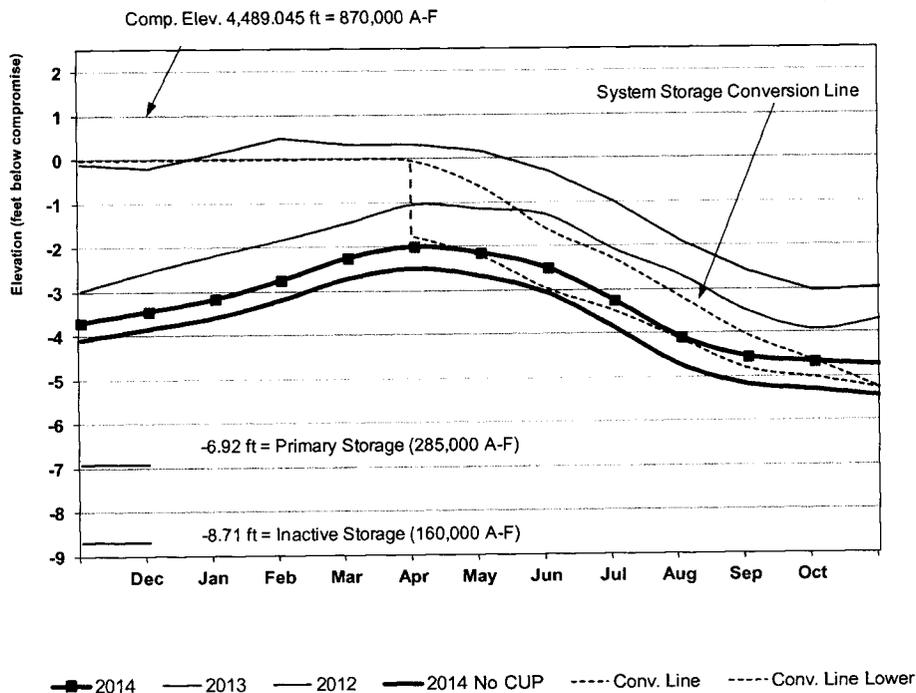
OCT 31 2014

WATER RIGHTS
SALT LAKE

Sources of CUP water in Utah Lake during water year 2014 (November 1, 2013 to October 31, 2014):

- 1) We claim that 31,113 acre-feet of import water was carried over from water year 2013 in Utah Lake.
- 2) We claim that water has been conveyed directly from Strawberry Reservoir to Utah Lake under A36639. A total of 27,197 acre-feet was conveyed to and stored in Utah Lake from approximately November 1, 2013 through October 31, 2014. The amount anticipated to be conveyed in October, 2014 is estimated based on current releases. We understand that this will be adjusted for incremental evaporation, even in current year accounting. Adjustments for evaporation will be summarized later in this document.
- 3) We claim return flows from Strawberry Reservoir CUP irrigation deliveries made in South Utah County during water year 2014 under A36639. The amount of CUP water delivered for irrigation use in South Utah County for water year 2013 has not been fully reported to us by the Spanish Fork River Commissioner and is estimated to be 16,272 acre-feet. We claim 35 percent of this amount, 5,695 acre-feet, subject to incremental evaporation, be credited to CUP water in Utah Lake under A37093. In our accounting, we assumed for simplification that all return flow reaches the lake prior to November 1, 2014.

Utah Lake



Please see the following tables showing our calculations for the above including calculations for incremental evaporation, which we estimate in the amount of 7,303 acre-feet. Please note that for simplification, we have assumed return flows reach the lake the same month the water is delivered to agricultural lands. The total amount (carryover, direct, and return flow) claimed in Utah Lake, adjusted for incremental evaporation, is 56,702 acre-feet (includes estimate for October, 2014).

CUP Import Water in Utah Lake WY2014

	Stawberry Res.	Strawberry Res.	35 Percent		Total	Total	
	Direct	CUP Ag.	CUP Ag.	Less	CUP Direct and	CUP Utah Lake	
	CUP Release to	Delivery to	Return Flow	Incremental	Return Flow	Storage	
	Utah Lake	S. Utah County	to Utah Lake	Evaporation	to Utah Lake		
Time Period	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet		31,113 *
Nov	2,936			-292	2,644		33,757
Dec	2,863			-126	2,737		36,494
Jan	2,873			-76	2,797		39,291
Feb	2,603			-70	2,533		41,824
Mar	2,883			-89	2,794		44,618
Apr	2,280			-161	2,119		46,737
May	3,511	549	192	-335	3,368		50,105
Jun	2,127	2,332	816	-650	2,293		52,398
Jul	822	3,811	1,334	-1,210	946		53,344
Aug	743	5,848	2,047	-1,714	1,076		54,420
Sep	1,156	3,732	1,306	-1,567	895		55,315
Oct ** Estimate	2,400			-1,013	1,387		56,702
Total	27,197	16,272	5,695	-7,303	25,589		

* Carryover from WY2013 adjusted for incremental evaporation

Incremental Evaporation from CUP Import Water in Utah Lake WY2014

		EOM	EOM			
		Surface Area	Surface Area	Incremental	Incremental	
	EOM	w/ CUP	w/o CUP	Increase in	Evaporation	Incremental
	Elevation	Import Water	Import Water	Surface Area	kc=1.35	Evaporation
Time Period	feet bel. Comp.	acres	acres	acres	inches	acre-feet
Nov	-3.45	85,135	83,882	1,254	2.80	292
Dec	-3.17	86,005	84,674	1,331	1.14	126
Jan	-2.75	87,087	85,899	1,188	0.77	76
Feb	-2.25	88,304	87,143	1,161	0.72	70
Mar	-2.00	88,928	87,677	1,252	0.85	89
Apr	-2.00	88,928	87,618	1,310	1.47	161
May	-2.50	87,690	86,295	1,395	2.88	335
Jun	-3.25	85,757	83,823	1,934	4.03	650
Jul	-4.10	83,086	80,988	2,098	6.92	1,210
Aug	-4.47	81,898	79,694	2,204	9.33	1,714
Sep	-4.60	81,477	79,212	2,265	8.30	1,567
Oct ** Estimate	-4.70	81,152	78,809	2,343	5.19	1,013

Teresa Wilhelmsen, P.E.

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Water Available for CUP in Utah Lake

Category	acre-feet
Import from Water Year 2013	31,113
A36639 directly conveyed to Utah Lake for exchange under E398	27,197
A36639 return flow in south Utah County area for exchange under A37093 and E398	5,695
Less Incremental Evaporation Loss on the above	-7,303
Less CUP Water Spilled from Utah Lake	0
E4319	7,900
E3101	16,862
E3100	57,073
Total Available for Exchange under E4319, E3100, E3101	81,835
CUP System Storage in Jordanelle and Deer Creek Reservoirs as of October 30 - Estimated	87,810
Total CUP import water in Utah Lake available for Exchange	50,727

When additional data becomes available if necessary this report will be updated and resubmitted to you. Please contact me if you have any questions.

Sincerely yours,



Jared D. Hansen, P.E.
Project Manager