



Central Utah Water Conservancy District

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October 29, 2013

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Regional Engineering Manager
Utah Lake / Jordan River Area Office
Utah Division of Water Rights
1594 West North Temple, Suite 200
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RECEIVED

OCT 30 2013

WATER RIGHTS
SALT LAKE

Subject: Water Year 2013 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, 2013, since these figures are not yet available. We also have not received all of the information needed to verify this report from the Spanish Fork River Commissioner. Once this information has been provided to us, and if required, we will update this report and resubmit it to you.

In early March 2013, it was not clearly evident that the level of Utah Lake would cross the conversion line. Therefore on March 27, 2013, 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 elevation of Utah Lake was sufficient to cross the lowered conversion line on April 1, 2013 and all system storage in Jordanelle and Deer Creek reservoirs converted to priority storage, since the conversion line had been crossed. In accordance with the Utah Lake Distribution Plan, CUP system storage was converted to CUP priority storage and no CUP import water or CUP import water return flows, from Strawberry reservoir, were required to be exchanged for Provo River storage.

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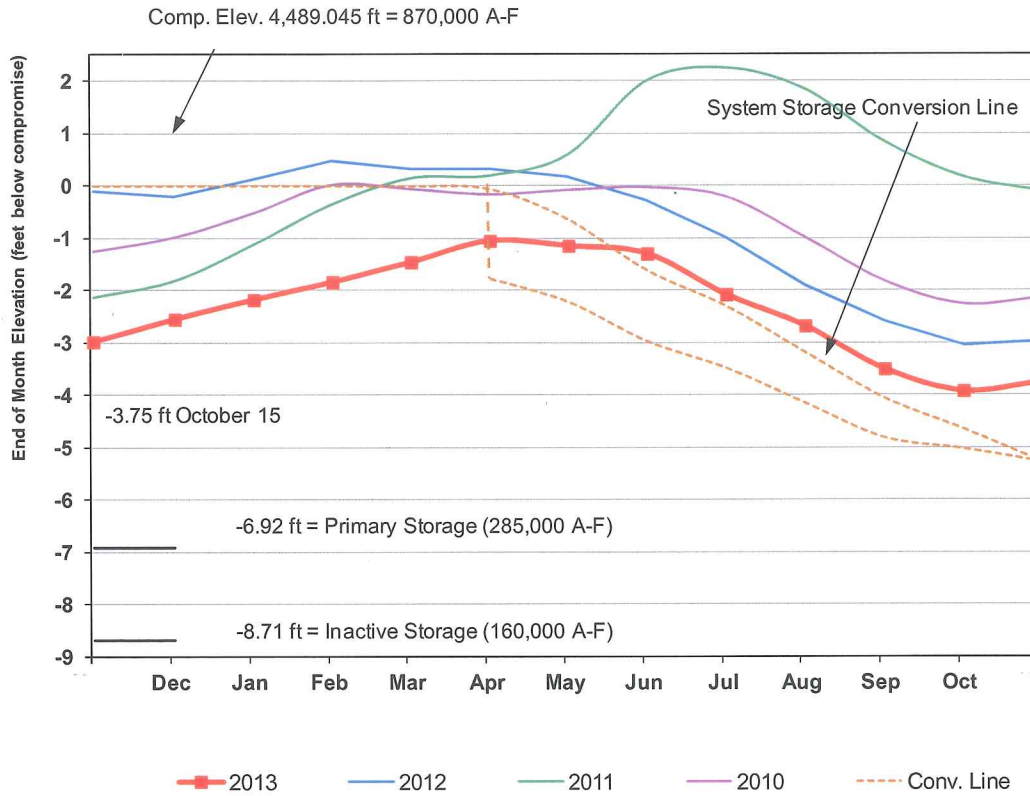
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Sources of CUP water in Utah Lake during water year 2013 (November 1, 2012 to October 31, 2013):

- 1) We claim that 5,980 acre-feet was carried over from water year 2012 in Utah Lake.
- 2) We claim that water has been conveyed directly from Strawberry Reservoir to Utah Lake under A36639. A total of 23,486 acre-feet was conveyed to and stored in Utah Lake from approximately November 1, 2012 through October 31, 2013. The amount anticipated to be conveyed in October, 2013 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 2013 under A36639. The amount of CUP water delivered for irrigation use in South Utah County for water year 2013 has not been reported to us by the Spanish Fork River Commissioner and is estimated to be 13,434 acre-feet. We claim 35 percent of this amount, 4,703 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, 2013.

Utah Lake



Please see the tables on the following pages showing our calculations for the above including calculations for incremental evaporation, which we estimate in the amount of 3,056 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 31,113 acre-feet (includes estimate for October, 2013).

CUP Import Water in Utah Lake WY2013

	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	5,980 *	
Nov	1,876			-50	1,826	7,806	
Dec	2,573			-28	2,545	10,351	
Jan	2,573			-24	2,549	12,900	
Feb	2,324			-26	2,298	15,198	
Mar	2,573			-37	2,536	17,734	
Apr	2,927			-73	2,854	20,588	
May	1,457			-152	1,305	21,893	
Jun	1,196	1,428	500	-221	1,475	23,368	
Jul	752	3,523	1,233	-393	1,592	24,960	
Aug	731	5,633	1,972	-777	1,926	26,886	
Sep	1,746	2,850	998	-765	1,979	28,865	
Oct	2,758			-510	2,248	31,113	
Total	23,486	13,434	4,703	-3,056	25,133		

* Carryover from WY2012 adjusted for incremental evaporation

Incremental Evaporation from CUP Import Water in Utah Lake WY2013

		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	-2.55	87,568	87,353	215	2.80	50
Dec	-2.18	88,477	88,187	291	1.14	28
Jan	-1.84	89,334	88,967	367	0.77	24
Feb	-1.46	90,314	89,875	439	0.72	26
Mar	-1.05	91,400	90,881	518	0.85	37
Apr	-1.15	91,132	90,532	600	1.47	73
May	-1.30	90,735	90,100	635	2.88	152
Jun	-2.08	88,728	88,071	657	4.03	221
Jul	-2.68	87,255	86,573	682	6.92	393
Aug	-3.50	84,979	83,980	999	9.33	777
Sep	-3.92	83,658	82,551	1,107	8.30	765
Oct	-3.74	84,227	83,048	1,179	5.19	510

Teresa Wilhelmsen, P.E.

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Water Available for CUP in Utah Lake

Category	acre-feet
Carryover from Water Year 2012	5,980
A36639 directly conveyed to Utah Lake for exchange under E398	23,486
A36639 return flow in south Utah County area for exchange under A37093 and E398	4,703
Less Incremental Evaporation Loss on the above	-3,056
Less CUP Water Spilled from Utah Lake	0
E4319 - Used to lower Utah Lake Conversion Line	0
E3101 - Used to lower Utah Lake Conversion Line	0
E3100 - Used to lower Utah Lake Conversion Line	0
Total	31,113

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