



Central Utah Water Conservancy District

355 WEST UNIVERSITY PARKWAY, OREM, UTAH 84058-7303
TELEPHONE (801) 226-7100, FAX (801) 226-7107
TOLL FREE 800-281-7103
WEBSITE www.cuwcd.com

OFFICERS
Michael H. Jensen, President
Randy Crozier, Vice President

Don A. Christiansen, General Manager
Secretary/Treasurer

October 29, 2012

Teresa Wilhelmsen, P.E.
Regional Engineering Manager
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

RECEIVED
OCT 30 2012 TR
WATER RIGHTS
SALT LAKE

Subject: Water Year 2012 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, 2012, 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 December 2011, it was evident that the level of Utah Lake would cross the conversion line. Sometime in the middle of December 2011, the level of Utah Lake crossed the conversion line, the level of Utah Lake remained above the conversion line throughout the remainder of the Water Year. Therefore on March 29, 2012, a request was sent to your office requesting that all system storage in Jordanelle and Deer Creek reservoirs be converted to priority storage, since the conversion line had already 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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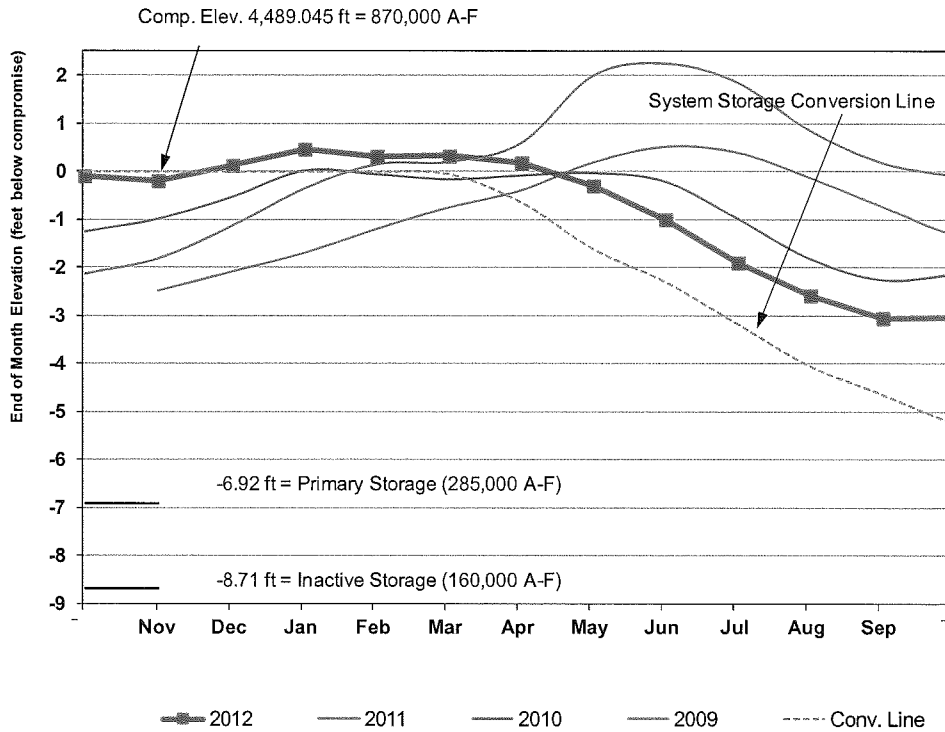
Stanley R. Smith
Gawain Snow
Mark Wilson

The level of Utah Lake on November 1, 2011 was very near to reaching the compromise elevation, by the end of December 2011 the level of Utah Lake had exceeded to compromise elevation until approximately May 15, 2012. Therefore no space was available to store CUP water in Utah Lake until that date.

Sources of CUP water in Utah Lake during water year 2012 (November 1, 2011 to October 31, 2012):

- 1) We claim that 0 acre-feet was carried over from water year 2011 in Utah Lake. At the beginning of water year 2004 CUWCD agreed to clear any previous balance in Utah Lake and start from zero.
- 2) We claim that water has been conveyed directly from Strawberry Reservoir to Utah Lake under A36639. A total of 650 acre-feet was conveyed to and stored in Utah Lake from approximately May 15, 2012 through September 30, 2012. The amount anticipated to be conveyed in October, 2012 is 1,984 acre-feet for a total of 2,634 acre-feet. We understand that this will be adjusted for incremental evaporation, even in current year accounting. Please let us know if this is incorrect. 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 2012 under A36639. The amount of CUP water delivered for irrigation use in South Utah County for water year 2012 has not been reported to us by the Spanish Fork River Commissioner and is estimated to be 10,540 acre-feet. We claim 35 percent of this amount, 3,689 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, 2012.

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 310 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 5,980 acre-feet (includes estimate for October, 2012).

CUP Import Water in Utah Lake WY2012

	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	0 *
Nov	1,920			0	1,920	0
Dec	1,963			0	1,963	0
Jan	1,953			0	1,953	0
Feb	1,827			0	1,827	0
Mar	1,953			0	1,953	0
Apr	1,115	30	11	0	1,126	0
May	0	135	47	0	47	25
Jun	66	2,335	817	-9	874	899
Jul	142	3,739	1,309	-38	1,413	2,312
Aug	162	4,301	1,505	-84	1,583	3,895
Sep	280			-101	179	4,074
Oct	1,984			-78	1,906	5,980
Total	13,365	10,540	3,689	-310	16,744	

* Carryover from WY2011 adjusted for incremental evaporation

Incremental Evaporation from CUP Import Water in Utah Lake WY2012

		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	-0.20	93,742	93,742	0	2.80	0
Dec	0.12	94,654	94,654	0	1.14	0
Jan	0.46	95,644	95,644	0	0.77	0
Feb	0.31	95,205	95,205	0	0.72	0
Mar	0.32	95,234	95,234	0	0.85	0
Apr	0.18	94,828	94,828	0	1.47	0
May	-0.30	93,460	93,459	1	2.88	0
Jun	-1.00	91,534	91,508	27	4.03	9
Jul	-1.90	89,181	89,115	66	6.92	38
Aug	-2.58	87,496	87,389	107	9.33	84
Sep	-3.05	86,375	86,229	146	8.30	101
Oct	-3.00	86,495	86,315	180	5.19	78



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March 27, 2012

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Dear Teresa:

Currently the elevation of Utah Lake is 4489.345 feet, or 0.30 feet above the compromise elevation. Therefore Utah Lake has already crossed the conversion line this year.

We request that you convert all system storage in Deer Creek and Jordanelle reservoirs to priority storage. Currently no CUP water is being held in Utah Lake due to a lack of available space.

Please contact me if you have any questions.

Sincerely yours,

Jared D. Hansen, P.E.
Project Manager

JDH:dv

cc: Kent Jones – State Engineer
Stan Roberts - Provo River Commissioner
John Mendenhall - Spanish Fork River Commissioner
John Larsen - Utah Lake/Jordan River Commissioner
Curtis Pledger – U.S. Bureau of Reclamation
Wayne Pullan - U.S. Bureau of Reclamation
Jonathan Jones - U.S. Bureau of Reclamation
Reed Murray - U.S. Department of Interior
Jeff Niermeyer – Salt Lake City Public Utilities

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