



# Central Utah Water Conservancy District

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Mr. John Mann  
Regional Area Engineer  
Utah Division of Water Rights  
1594 West North Temple, Suite 200  
Box 146300  
Salt Lake City, Utah 84114-6300

Subject: Water Year 2008 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 John:

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 part of October 2008, since these figures are not yet available. We also have not received all of the information needed to complete this report from either the Provo River Commissioner or the Spanish Fork River Commissioner. Once this information has been provided to us we will finalize this report and resubmit it to you.

The Provo River Commissioner, Stan Roberts, has not, as of October 30, 2008, reported to the District the Provo River system storage that was stored under CUP water right A40523 in Jordanelle and Deer Creek reservoirs during water year 2008 (November 1, 2007 through October 31, 2008).

In early January of 2008 it was evident that the level of Utah Lake would cross the conversion line. On approximately March 20, 2008 the elevation of Utah Lake crossed the conversion line. Therefore on March 14, 2008 it was evident that Utah Lake would cross the conversion line and a request was sent to your office requesting that all system storage in Jordanelle and Deer Creek Reservoirs be converted to priority storage,

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55-9396 => 57-14  
CUWCD  
57,073 AF  
Industrial  
N. TAD in U.S. Canal  
proof due 2013

55-9387 => 57-7624  
CUWCD  
16,842 AF  
proof due 2013  
Jordan: Security Canal  
exchanges  
October 30, 2008

55-11888 BR  
71,960 AF  
BR U.S. Canal  
proof due 2013

55-4494 BR  
- proof due - 2009  
- 5 exchanges filed  
on it  
30,000 AF  
2009  
2008  
2007

43-3822 BR  
500,000 AF  
proof due 2013  
- exchanges to  
Deer Creek

55-896 => 43-3822, 55-4494, 55-1875  
300,000 AF

BR Unapp. BR  
Paint 55-1875

54-92  
55-1875  
BR  
195,000 AF  
proof due -  
2005 ex. filed  
2009

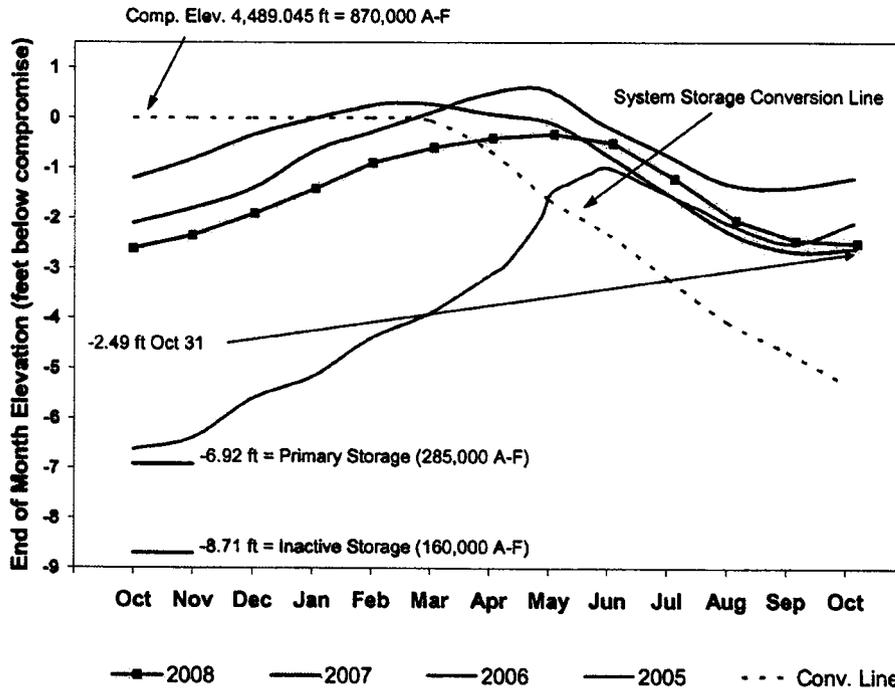
Utah Lake  
Jordanelle  
OLMSTEAD  
DEER CREEK  
SL AQUEONET

once the line was crossed. Therefore 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.

Sources of CUP water in Utah Lake:

- 1) We claim that 7,622 acre-feet was carried over from water year 2007 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 water that has been conveyed directly from Strawberry Reservoir to Utah Lake under A36639. A total of 22,309 acre-feet was conveyed to Utah Lake from November 1, 2007 through September 30, 2008. The amount anticipated to be conveyed during October 2008 is 3,600 acre-feet for a total of 25,909 acre-feet. We understand that this should 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 2008 under A36639. The amount of CUP water delivered for irrigation use in South Utah County for water year 2008 has not been reported to us by the Spanish Fork River Commissioner. In the future we plan to request that 35 percent of this amount, 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, 2008.

## 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 2,806 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 30,725 acre-feet (includes estimate for October). We assume that this water is available for future uses or exchanges.

### CUP Import Water in Utah Lake WY2008

	Stawberry Res. Direct	Strawberry Res. CUP Ag. Delivery to	35 Percent CUP Ag. Return Flow to Utah Lake	Less Incremental Evaporation	Total CUP Direct and Return Flow to Utah Lake	Total CUP Utah Lake Storage	
Time Period	acre-feet	S. Utah County acre-feet	acre-feet	acre-feet	acre-feet		7,622 *
Nov	3,259			-70	3,189	10,811	
Dec	3,410			-38	3,372	14,183	
Jan	3,410			-33	3,377	17,560	
Feb	3,190			-37	3,153	20,713	
Mar	2,410			-49	2,361	23,074	
Apr	3,300			-96	3,204	26,278	
May	2,405			-205	2,200	28,478	
Jun	925			-291	634	29,112	
Jul				-480	-480	28,632	
Aug				-613	-613	28,019	
Sep				-531	-531	27,488	
Oct	3,600			-363	3,237	30,725	
Total	25,909			-2,806	23,103		

\* Carryover from WY2007 adjusted for incremental evaporation

### Incremental Evaporation from CUP Import Water in Utah Lake WY2008

Time Period	EOM Elevation feet bel. Comp.	EOM Surface Area w/ CUP Import Water acres	EOM Surface Area w/o CUP Import Water acres	Incremental Increase in Surface Area acres	Incremental Evaporation kc=1.35 inches	Incremental Evaporation acre-feet
		Nov	-2.34	88,081	87,780	301
Dec	-1.90	89,181	88,779	402	1.14	38
Jan	-1.40	90,471	89,964	507	0.77	33
Feb	-0.89	91,832	91,222	610	0.72	37
Mar	-0.58	92,679	91,994	685	0.85	49
Apr	-0.39	93,208	92,423	785	1.47	96
May	-0.31	93,432	92,579	852	2.88	205
Jun	-0.49	92,929	92,063	866	4.03	291
Jul	-1.20	91,000	90,168	832	6.92	480
Aug	-2.03	88,853	88,065	788	9.33	613
Sep	-2.23	88,353	87,586	767	8.30	531
Oct(estimated)	-2.68	87,255	86,416	839	5.19	363

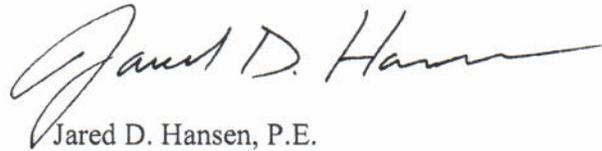
### Water Available for CUP in Utah Lake

Category	acre-feet
Carryover from Water Year 2007	7,622
A36639 directly conveyed to Utah Lake for exchange under E398	25,909
A36639 return flow in south Utah County area for exchange under A37093 and E398	0
Less Incremental Evaporation Loss on the above	-2,806
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	30,725

Mr. John Mann  
October 30, 2008  
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It is clear that the accounting of this water is complex. It is also clear that prompt and accurate accounting is very important to CUWCD as well as for other Provo River and Utah Lake water right holders. We would like to meet with you to discuss Provo River and Utah Lake accounting procedures. This will be helpful to us in order to plan our import releases and order of use of the water rights we have for the Bonneville Unit. Please contact me if you have any questions.

Sincerely yours,

A handwritten signature in cursive script that reads "Jared D. Hansen". The signature is written in black ink and is positioned above the typed name.

Jared D. Hansen, P.E.  
Project Manager