Buckman Direct Diversion Project

A joint regional project of the City of Santa Fe and Santa Fe County to build a reliable and sustainable water supply.

Date: **October 24, 2013**

To: **Buckman Direct Diversion Board**

From: **Gary C. Durrant, Chief Operator BDD** GD

Re: **Update on BDD Operations for the month of October 2013**

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1. This memo is intended to update the BDD Board on BDD operations during the month of October. BDD diversions and deliveries have averaged, in Million Gallons Daily (MGD) as follows:

   a) Raw water diversions: 3.662 MGD Average
   b) Finished Drinking water deliveries through Booster Station 4A: 0.954 MGD Average
   c) Finished Drinking water deliveries through Booster Station 5A: 1.931 MGD Average
   d) Raw water delivery to Las Campanas at BS2A: 11.113 MG Total.

2. The BDD is currently providing approximately 35 percent of the water supply to the City and County for the month.

3. On Peak Pumping: The BDD has been pumping an average of 6.7 hours of each day on peak to deliver the requested volume of water.

4. The BDD gave notice that we would start diverting native water again on September 25th. No native water was used in September.

5. Please see the following pages from the Monthly report to the Office of the State Engineer (OSE) for the month of September for accurate information about totals for September and year to date.

Monthly Diversions under SP-2847-E, SP-4842, and SP-2847-N-A
September 2013

BDD Diversion of San Juan-Chama Water	**af**	**mg**
Total SJC water arrived at the BDD diversion site	149.29	48.65
Total SJC diverted at BDD	117.61	38.32
Total SJC available for offsetting depletions under RG-20516.	31.68	10.32

Total BDD water diverted from all water rights	af	mg
BDD Current Monthly Total	117.61	38.32
SJC Diversion under Permit SP-2847-E	*63.86*	20.81
City of Santa Fe	*63.86*	20.81
Santa Fe County	*0.00*	0.00
SJC Diversion under SP-2847-N-A (CLCI)	*53.76*	17.52
Rio Grande native water rights (SP-4842;SFCounty)	*0.00*	*0.00*

Metered Diversions under Permit SP-2847-E and SP-4842

Meter Serial Number	**OSE Meter Number**	**Current Month Meter Reading**	**Previous Month Meter Reading**	**Diversion by Meter**	
				ac-ft	mg
CC004816000-Diversion	14113	1750.955	1750.4081	1.68	0.55
CC004916000-Diversion	14114	1791.347	1779.7197	35.68	11.63
CC004A16000-Diversion	14115	1787.782	1755.3337	99.58	32.45
CC000A16000-Return	14255	149.6447	143.3459	19.33	6.30
Total Metered Diversions				**117.61**	**38.32**

Buckman Direct Diversion Monthly SJC and Native Diversions

September 2013

Month	Total SJC Release (AF)	SJC Conveyance Losses (AF)	Total SJC Available at BDD (AF)	SJC Diversion, SP-2847-E (AF)	SJC Diversion, SP-2847-N-A (AF)	Total Native Rio Grande Diversion SP-4842 (AF)	Release of SJC in Elephant Butte (AF)	Total BDD Surface Diversion (all permits)	SJC from SP-2847-E used to offset Buckman Wells RG-20516 (AF)	SJC from SP-2847-N used to offset Buckman Wells RG-20516 (AF)
JAN	439.04	4.24	441.79	441.79	0	44.09	0	485.88	0	0
FEB	261.03	2.47	257.94	257.94	0	10.49	0	268.42	0	0
MAR	353.69	3.30	343.57	343.57	0	75.66	0	419.23	0	0
APR	680.73	6.34	661.33	661.33	0	89.47	0	750.80	0	0
MAY	1045.27	9.88	1030.46	1030.46	0	22.86	0	1053.32	0	0
JUN	817.91	7.85	818.00	734.56	83.44	260.03	0	1078.03	0	0
JUL	606.85	5.90	614.73	397.47	78.83	0.00	0	476.30	83.70	54.73
AUG	108.68	0.91	95.34	41.68	36.91	0.00	0	78.59	5.58	11.18
SEP	136.77	1.43	149.29	63.86	53.76	0.00	0	117.61	25.36	6.32
OCT										
NOV										
DEC										
TOTAL	**4449.97**	**42.32**	**4412.45**	**3972.65**	**252.93**	**502.59**	**0.00**	**4728.17**	**114.64**	**72.23**

Source of SJC releases in reporting month. Includes conveyance losses.

		ABIQUIU		
Month	Total Release (AF)	City of Santa Fe (AF)	Santa Fe County (AF)	Club at Las Campanas (AF)
JAN	439.04	439.04	0	0
FEB	261.03	261.03	0	0
MAR	353.69	353.69	0	0
APR	680.73	680.73	0	0
MAY	1045.27	1045.27	0	0
JUN	817.91	729.30	0	88.60
JUL	606.85	473.27	0	133.58
AUG	108.68	65.21	0	43.47
SEP	136.77	83.87	0	52.90
OCT				
NOV				
DEC				
TOTAL	**4449.97**	**4131.41**	**0.00**	**318.56**

Buckman Direct Diversion Monthly SJC and Native Diversions

December 2012

Month	Total SJC Release SP-2847-E (AF)	Conveyance Losses (AF)	Total SJC Available at BDD Diversion (AF)	Total SJC Diversion SP-2847-E (AF)	Total Native Rio Grande Diversion SP-4842 (AF)	Release of SJC in Elephant Butte (AF)	Total BDD Surface Diversion SP-2847-E plus SP-4842 (AF)	SJC used to offset Buckman Wells RG-20516 (AF)
JAN	448.09	4.06	447.00	411.56	5.02	0	416.59	35.44
FEB	210.29	1.97	216.94	208.13	32.21	0	240.34	8.81
MAR	335.75	2.94	323.61	312.85	59.21	0	372.06	10.76
APR	528.63	4.72	519.90	519.90	108.61	0	628.51	0.00
MAY	660.18	6.24	651.05	651.05	145.51	0	796.55	0.00
JUN	722.36	6.79	692.21	692.21	120.92	0	813.12	0.00
JUL	152.03	2.23	191.75	157.16	0.00	0	157.16	34.60
AUG	86.08	0.58	60.90	60.90	239.96	0	300.87	0.00
SEP	637.17	6.05	630.92	630.92	110.07	0	740.99	0.00
OCT	747.21	7.14	744.87	744.87	50.82	0	795.69	0.00
NOV	479.19	4.63	482.65	482.65	120.91	0	603.56	0.00
DEC	442.67	4.17	434.71	434.71	119.44	0	554.15	0.00
TOTALS	**5449.67**	**51.53**	**5396.51**	**5306.90**	**1112.67**	**0.00**	**6419.57**	**89.61**

Source of SJC Releases in reporting month. Includes conveyance losses.

		HERON		EL VADO		ABIQUIU	
Month	Total Release (AF)	CITY	COUNTY	CITY	COUNTY	CITY	COUNTY
JAN	448.09	0.00	0.00	0.00	0.00	448.09	0.00
FEB	210.29	0.00	0.00	0.00	0.00	210.29	0.00
MAR	335.75	0.00	0.00	0.00	0.00	335.75	0.00
APR	528.63	0.00	0.00	0.00	0.00	528.63	0.00
MAY	660.18	0.00	0.00	0.00	0.00	660.18	0.00
JUN	722.36	0.00	27.21	0.00	0.00	695.15	0.00
JUL	152.03	0.00	21.42	0.00	0.00	130.61	0.00
AUG	86.08	0.00	0.00	0.00	0.00	86.08	0.00
SEP	637.17	0.00	0.00	0.00	0.00	637.17	0.00
OCT	747.21	0.00	0.00	0.00	0.00	747.21	0.00
NOV	479.19	0.00	0.00	0.00	0.00	479.19	0.00
DEC	442.67	0.00	0.00	0.00	0.00	442.67	0.00
TOTALS	**5449.67**	**0.00**	**48.63**	**0.00**	**0.00**	**5401.04**	**0.00**

Note: Grey fields indicate revisions to previous monthly report

Buckman Direct Diversion End of Month Report

December 2011

Month	Total SJC Release SP-2847-E (AF)	Conveyance Losses (AF)	Total SJC Available at BDD Diversion (AF)	Total SJC Diversion SP-2847-E (AF)	Total Native Rio Grande Diversion SP-4842 (AF)	Release of SJC in Elephant Butte (AF)	Total BDD Surface Diversion SP-2847-E plus SP-4842 (AF)	SJC used to offset Buckman Wells RG-20516 (AF)
JAN	247.17	4.94	242.23	221.46	37.55	0.00	259.98	20.77
FEB	320.95	6.42	314.53	269.13	36.61	0.00	305.74	45.86
MAR	352.04	7.04	345.00	335.37	46.09	0.00	381.46	9.62
APR	585.11	11.70	573.40	573.40	56.64	0.00	630.04	0.00
MAY	568.22	11.36	556.86	440.02	49.23	0.00	488.87	116.84
JUN	765.87	15.32	750.55	655.89	80.66	0.00	736.55	94.67
JUL	641.81	12.84	628.97	407.40	49.86	0.00	457.26	221.58
AUG	182.98	2.07	168.97	86.23	0.00	0.00	86.23	82.75
SEP	568.78	6.83	537.05	515.86	0.00	0.00	515.86	21.19
OCT	555.90	4.85	570.81	555.66	0.00	0.00	555.66	15.16
NOV	431.29	3.93	433.26	433.26	14.60	0.00	447.86	0.00
DEC	437.57	3.90	429.46	450.42	0.00	0.00	450.42	-20.96
TOTALS	**5657.68**	**91.21**	**5551.11**	**4944.10**	**371.25**	**0.00**	**5315.94**	**607.47**

January 1, 2011: 1050.8 acre-feet of native Rio Grande water rights in SP-4842; not all are available for diversion- some transfers include leaseback provisions.

As of May 30, 2011: 330 ac-ft under SP-4842 A

Correction to Oct Total of SJC Available at BDD. The incorrect value used calculated the SJC released from upstream reservoirs, not that amount that arrived at BDD for diversion.

Source of SJC Releases for BDD diversion in reporting month. Includes conveyance losses.

			HERON		EL VADO		ABIQUIU	
Month	Total Release (AF)	Conveyance Losses (AF)	CITY	COUNTY	CITY	COUNTY	CITY	COUNTY
JAN	247.17	4.94	247.17	0.00	0.00	0.00	0.00	0.00
FEB	320.95	6.42	320.95	0.00	0.00	0.00	0.00	0.00
MAR	352.04	7.04	352.04	0.00	0.00	0.00	0.00	0.00
APR	585.11	11.70	585.11	0.00	0.00	0.00	0.00	0.00
MAY	568.22	11.36	568.22	0.00	0.00	0.00	0.00	0.00
JUN	765.87	15.32	765.87	0.00	0.00	0.00	0.00	0.00
JUL	641.81	12.84	641.81	0.00	0.00	0.00	0.00	0.00
AUG	182.98	2.07	0.00	43.56	0.00	0.00	133.47	5.95
SEP	568.78	6.83	0.00	150.50	0.00	0.00	418.28	0.00
OCT	555.90	4.85	0.00	0.00	0.00	0.00	555.90	0.00
NOV	431.29	3.93	0.00	0.00	0.00	0.00	431.29	0.00
DEC	437.57	3.90	0.00	0.00	0.00	0.00	437.57	0.00
TOTALS	**5657.68**	**91.21**	**3481.16**	**194.06**	**0.00**	**0.00**	**1976.51**	**5.95**