



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

Memorandum

Date: January 20, 2015
To: Buckman Direct Diversion Board
From: Michael Dozier, Interim Chief Operator BDD MD
Subject: Update on BDD Operations for the month of January 2015

ITEM:

1. This memorandum is to update the Buckman Direct Diversion (BDD) Board on BDD operations during the month of January 2015. The BDD diversions and deliveries have averaged, in Million Gallons Daily (MGD) as follows:
 - a. Raw water diversions: 3.43 MGD Average
 - b. Finished Drinking water deliveries through Booster Station 4A: 1.79 MGD Average
 - c. Finished Drinking water deliveries through Booster Station 5A: 1.09 MGD Average
 - d. Las Campanas has stopped deliveries for the season
2. As of January 20, 2015 BDD is providing 50% of the water supply demand to the City and County.
3. Please see the following pages from the Monthly report to the Office of the State Engineer (OSE) for accurate information for the month of November 2014 and year to date.
4. Please note all prior years are also included for reference.



BACKGROUND AND SUMMARY:**December-14**

BDD Diversion of San Juan-Chama Water	af	mg
Total SJC water arrived at the BDD diversion site	430.74	140.36
Total SJC diverted at BDD	430.74	140.36
Total SJC available for offsetting depletions under RG-20516	0.00	0.00

Total BDD water diverted from all water rights	af	mg
BDD Current Monthly Total	450.30	146.73
<i>SJC Diversion under Permit SP-2847-E</i>	430.74	140.36
<i>City of Santa Fe</i>	430.74	140.36
<i>Santa Fe County</i>	0.00	0.00
<i>SJC Diversion under SP-2847-N-A (CLCI)</i>	0.00	0.00
<i>Rio Grande native water rights (SP-4842;SFCounty)</i>	19.56	6.37

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	2744.513	2741.287	9.90	3.23
CC004916000-Diversion	14114	2637.909	2552.736	261.39	85.17
CC004A16000-Diversion	14115	2493.052	2426.737 ^F	203.51	66.32
CC000A16000-Return	14255	310.975	302.992	24.50	7.98
Total Metered Diversions				450.30	146.73

Buckman Direct Diversion Monthly SJC and Native Diversions

Dec-14

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	383.35	3.74	390.34	390.34	0.00	12.68	0	403.01	0	0
FEB	349.51	3.28	341.55	341.55	0.00	11.38	0	352.93	0	0
MAR	373.88	3.66	381.69	357.07	34.09	148.83	0	530.52	0	0
APR	178.75	1.70	176.78	92.46	84.47	227.22	0	404.00	0	0
MAY	491.46	4.61	480.35	389.13	91.22	374.86	0	855.21	0	0
JUN	427.50	3.96	412.65	295.07	117.58	292.84	0	705.49	0	0
JUL	425.22	4.14	431.96	399.51	32.46	72.32	0	504.28	0	0
AUG	496.68	4.60	479.66	479.66	0.00	96.07	0	575.74	0	0
SEP	552.71	5.40	562.83	562.83	0.00	84.85	0	647.68	0	0
OCT	381.93	3.63	378.30	378.30	0.00	142.46	0	520.76	0	0
NOV	441.14	4.09	426.17	426.17	0.00	11.59	0	437.76	0	0
DEC	423.99	4.13	430.74	430.74	0.00	19.56	0	450.30	0	0
TOTAL	4926.12	46.93	4893.03	4542.84	359.82	1494.66	0.00	6387.69	0.00	0.00

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

Month	Total Release (AF)	ABIQUIU		
		City of Santa Fe (AF)	Santa Fe County (AF)	Club at Las Campanas (AF)
JAN	383.35	383.35	0.00	0.00
FEB	349.51	349.51	0.00	0.00
MAR	373.88	346.37	0.00	27.37
APR	178.75	93.42	0.00	85.41
MAY	491.46	399.41	0.00	92.41
JUN	427.50	307.54	0.00	120.28
JUL	425.22	397.13	0.00	28.09
AUG	496.68	496.68	0.00	0.00
SEP	552.71	552.71	0.00	0.00
OCT	381.93	381.93	0.00	0.00
NOV	441.14	441.14	0.00	0.00
DEC	423.99	423.99	0.00	0.00
TOTAL	4926.12	4573.19	0.00	353.55

Buckman Direct Diversion Monthly SJC and Native Diversions

December 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	255.24	2.46	256.53	213.87	42.66	72.92	0	329.45	0	0
NOV	196.45	1.88	195.50	187.02	8.48	117.33	0	312.83	0	0
DEC	293.76	2.63	274.19	274.19	0.00	12.25	0	286.44	0	0
TOTAL	5195.42	49.29	5138.67	4647.73	304.07	705.09	0.00	5656.89	114.64	72.23

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

Month	Total Release (AF)	ABIQUIU		
		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	255.24	211.15	0	44.09
NOV	196.45	186.31	0	10.15
DEC	293.76	293.76	0	0.00
TOTAL	5195.42	4822.62	0.00	372.79

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.

Month	Total Release (AF)	HERON		EL VADO		ABIQUIU	
		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.

Month	Total Release (AF)	Conveyance Losses (AF)	HERON		EL VADO		ABIQUIU	
			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