



Buckman Direct Diversion

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

April 6, 2016

Ms. Mary Young
Office of the State Engineer
Water Rights Division
Santa Fe, New Mexico 87504-5102

Re: Report for March 2016, Permit to Divert San Juan-Chama Project and Native Flows under Permits SP 4842, SP 2847-E, SP 2847-N-A and SD-3106 for the City of Santa Fe, the County of Santa Fe and the Club of Las Campanas

Dear Ms. Young:

The enclosed report is submitted in accordance with Conditions 5, 6 and 15 of the referenced permit. The report contains volumetric flows for San Juan-Chama releases from Abiquiu Reservoir, and total BDD diversions for the month of SJC and Native Water Rights.

To assist you in your review, all reported values are referenced to specific permit requirements and are recorded in tables. Please note the addition of reporting on page 2 for the SJC water approved for Las Campanas.

I can be reached at 505-955-4507 (office) should you have questions or wish to discuss.

Sincerely,

Charles Vokes
BDD Facilities Manager

Cc: Nick Schiavo
Claudia Borchert



Buckman Direct Diversion Monthly SJC and Native Diversions

Mar-16

In Acre-Feet

Month	Total SJC + Native Rights	SP-4842 RG Native COUNTY	SD-03106 RG Native LAS CAMPANAS	SJC Call Total	SP-2847-E SJC Call CITY	SP-2847-N-A SJC Call LAS CAMPANAS	All Partners Conveyance Losses
JAN	378.699	50.475	0.065	328.159	328.159	0.000	3.029
FEB	326.413	66.670	10.811	248.933	248.933	0.000	2.288
MAR	587.864	123.929	4.622	459.312	459.312	0.000	4.264
APR	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAY	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JUN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JUL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AUG	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SEP	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OCT	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOV	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DEC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	1,292.976	241.073	15.498	1,036.404	1,036.404	0.000	9.581

In Acre-Feet

Month	Native COUNTY	Native Las Campanas	SJC TOTAL	SJC CITY	SJC Las Campanas	All Partners Diversions
JAN	50.475	0.065	325.131	325.131	0.000	375.670
FEB	66.670	10.811	246.645	246.645	0.000	324.125
MAR	123.929	4.622	455.048	455.048	0.000	583.599
APR	0.000	0.000	0.000	0.000	0.000	0.000
MAY	0.000	0.000	0.000	0.000	0.000	0.000
JUN	0.000	0.000	0.000	0.000	0.000	0.000
JUL	0.000	0.000	0.000	0.000	0.000	0.000
AUG	0.000	0.000	0.000	0.000	0.000	0.000
SEP	0.000	0.000	0.000	0.000	0.000	0.000
OCT	0.000	0.000	0.000	0.000	0.000	0.000
NOV	0.000	0.000	0.000	0.000	0.000	0.000
DEC	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	241.073	15.498	1,026.823	1,026.823	0.000	1,283.395

March-16

Meter Serial Number	OSE Meter Number	Current Month Meter Reading	Previous Month Meter Reading	Diversion by Meter	
				mg	ac-ft
				CC004816000-Diversion	14113
CC004916000-Diversion	14114	3403.16	3348.83	54.33	167.02
CC004A16000-Diversion	14115	3283.64	3222.04	61.60	189.36
CC000A16000-Return	14255	106.19	98.96	7.23	22.23
Total Metered Diversions				189.83	583.60

Date	RW Meter CC004816000 15FIT21001	RW Meter CC004916000 15FIT21002	RW Meter CC004A16000 15FIT21003	Return Meter CC000A16000 15FIT33000	Daily Volume Diverted		Cumulative Volume Diverted		Return Meter CC000A16000 15FIT33000
	(MG)	(MG)	(MG)	(MG)	(MG)	(ac-ft)	(MG)	(ac-ft)	(MG)
February 29, 2016	3349.693	3348.825	3222.038	98.963	2.425	7.4	7668.4	23533.7	0.174
March 1, 2016	3350.139	3349.290	3222.038	98.990	0.884	2.7	7669.3	23536.4	0.027
March 2, 2016	3355.395	3349.290	3222.779	99.228	5.759	17.7	7675.1	23554.1	0.238
March 3, 2016	3357.987	3349.308	3223.395	99.363	3.091	9.5	7678.2	23563.6	0.135
March 4, 2016	3359.901	3349.308	3227.075	99.555	5.402	16.6	7683.6	23580.2	0.192
March 5, 2016	3359.945	3349.308	3234.768	99.840	7.452	22.9	7691.0	23603.0	0.285
March 6, 2016	3359.945	3349.308	3240.577	100.136	5.513	16.9	7696.5	23620.0	0.296
March 7, 2016	3361.411	3349.308	3242.208	100.357	2.876	8.8	7699.4	23628.8	0.221
March 8, 2016	3367.073	3350.457	3242.208	100.646	6.522	20.0	7705.9	23648.8	0.289
March 9, 2016	3370.563	3351.008	3242.208	100.848	3.839	11.8	7709.8	23660.6	0.202
March 10, 2016	3374.686	3353.690	3242.208	101.078	6.575	20.2	7716.3	23680.8	0.230
March 11, 2016	3377.030	3357.676	3243.226	101.330	7.096	21.8	7723.4	23702.5	0.252
March 12, 2016	3379.564	3358.712	3247.853	101.590	7.937	24.4	7731.4	23726.9	0.260
March 13, 2016	3382.060	3363.683	3247.853	101.822	7.235	22.2	7738.6	23749.1	0.232
March 14, 2016	3385.621	3364.954	3248.647	102.038	5.410	16.6	7744.0	23765.7	0.216
March 15, 2016	3388.448	3365.204	3251.434	102.221	5.681	17.4	7749.7	23783.1	0.183
March 16, 2016	3391.267	3366.206	3253.337	102.395	5.550	17.0	7755.2	23800.2	0.174
March 17, 2016	3394.628	3368.516	3254.365	102.616	6.478	19.9	7761.7	23820.0	0.221
March 18, 2016	3398.407	3369.833	3256.860	102.854	7.353	22.6	7769.1	23842.6	0.238
March 19, 2016	3403.740	3375.447	3256.860	103.201	10.600	32.5	7779.7	23875.1	0.347
March 20, 2016	3410.093	3376.431	3257.742	103.572	7.848	24.1	7787.5	23899.2	0.371
March 21, 2016	3411.589	3376.431	3260.662	103.740	4.248	13.0	7791.8	23912.3	0.168
March 22, 2016	3412.682	3377.311	3267.431	104.065	8.417	25.8	7800.2	23938.1	0.325
March 23, 2016	3412.682	3384.686	3267.917	104.370	7.556	23.2	7807.7	23961.3	0.305
March 24, 2016	3414.087	3387.507	3271.185	104.605	7.259	22.3	7815.0	23983.6	0.235
March 25, 2016	3416.617	3388.443	3273.296	104.776	5.406	16.6	7820.4	24000.1	0.171
March 26, 2016	3421.254	3389.640	3275.679	105.044	7.949	24.4	7828.4	24024.5	0.268
March 27, 2016	3421.438	3397.442	3275.679	105.372	7.658	23.5	7836.0	24048.0	0.328
March 28, 2016	3423.476	3400.280	3276.700	105.588	5.681	17.4	7841.7	24065.5	0.216
March 29, 2016	3424.615	3400.560	3280.410	105.802	4.915	15.1	7846.6	24080.6	0.214
March 30, 2016	3427.280	3400.560	3282.643	105.961	4.739	14.5	7851.4	24095.1	0.159
March 31, 2016	3430.831	3403.155	3283.635	106.194	6.905	21.2	7858.3	24116.3	0.233
									189.83

Buckman Direct Diversion Monthly SJC and Native Diversions

Mar-16

Data from URGWAM, USGS Ottowi Gage.

Date	Abiquiu Storage City (ac-ft)	Abiquiu Releases for BDD (cfs)	SJC at BDD (cfs)	Ottowi Daily Flow (cfs)	Ottowi Native Flow (cfs)
02/29/2016	10,092	5.47		998 ^P	921
03/01/2016	10,104	5.47	5.42	1,000 ^P	923
03/02/2016	10,246	5.47	5.42	1,050 ^P	1,002
03/03/2016	10,384	5.47	5.42	1,070 ^P	1,022
03/04/2016	10,518	6.65	5.42	1,130 ^P	1,082
03/05/2016	10,624	6.65	6.59	1,170 ^P	1,121
03/06/2016	10,608	6.65	6.59	1,180 ^P	1,131
03/07/2016	10,593	6.65	6.59	1,210 ^P	1,161
03/08/2016	10,578	6.65	6.59	1,230 ^P	1,181
03/09/2016	10,562	6.65	6.59	1,220 ^P	1,171
03/10/2016	10,547	6.65	6.59	1,170 ^P	1,121
03/11/2016	10,532	6.65	6.59	1,120 ^P	1,071
03/12/2016	10,516	6.65	6.59	1,070 ^P	1,021
03/13/2016	10,501	6.65	6.59	1,080 ^P	1,031
03/14/2016	10,485	6.65	6.59	1,070 ^P	1,021
03/15/2016	10,470	6.65	6.59	1,110 ^P	1,061
03/16/2016	10,456	6.26	6.59	1,110 ^P	1,061
03/17/2016	10,441	6.26	6.20	1,130 ^P	1,081
03/18/2016	10,427	6.26	6.20	1,120 ^P	1,071
03/19/2016	10,412	6.26	6.20	1,100 ^P	1,051
03/20/2016	10,398	6.26	6.20	1,070 ^P	1,021
03/21/2016	10,374	10.96	6.20	1,050 ^P	1,001
03/22/2016	10,349	10.96	10.86	1,090 ^P	1,033
03/23/2016	10,330	8.60	10.86	1,180 ^P	1,127
03/24/2016	10,311	8.60	8.52	1,160 ^P	1,109
03/25/2016	10,292	8.60	8.52	1,150 ^P	1,099
03/26/2016	10,273	8.60	8.52	1,130 ^P	1,079
03/27/2016	10,255	8.60	8.52	1,080 ^P	1,023
03/28/2016	10,236	8.60	8.52	1,040 ^P	983
03/29/2016	10,209	12.52	8.52	1,050 ^P	993
03/30/2016	10,182	12.52	12.41	1,080 ^P	1,019
03/31/2016	10,163		12.41	1,070 ^P	1,009
Monthly Totals in acre-feet		459.31	455.05		

Native Rio Grande diversion curtailments as required by BDD: (5-day average flow in cfs)

Native Flow in cfs	March	April	May	June	July	Aug	Sept	Oct
> 325	3.82	4.60	6.87	8.55	7.95	7.56	6.57	5.09
300	3.05	3.68	5.50	6.84	6.36	6.05	5.26	4.07
280	2.44	2.95	4.40	5.47	5.09	4.84	4.21	3.26
260	1.83	2.21	3.30	4.10	3.82	3.63	3.16	2.44
240	1.22	1.47	2.20	2.73	2.54	3.42	2.10	1.63
220	0.61	0.74	1.10	1.37	1.27	1.21	1.05	0.81
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Buckman Direct Diversion Projected Use Report

Projected BDD Use for April 2016

	Acre-feet
Projected City of Santa Fe Diversion	323
Projected County of Santa Fe Diversion	92
Projected Las Campanas Diversion	80
Projected Total BDD Diversion	495

Projected BDD Use for May 2016

	Acre-feet
Projected City of Santa Fe Diversion	429
Projected County of Santa Fe Diversion	95
Projected Las Campanas Diversion	100
Projected Total BDD Diversion	624