Buckman Direct Diversion

Date: **February 2, 2023**

To: **Buckman Direct Diversion Board**

From: **Randy Sugrue, BDD Operations Superintendent**

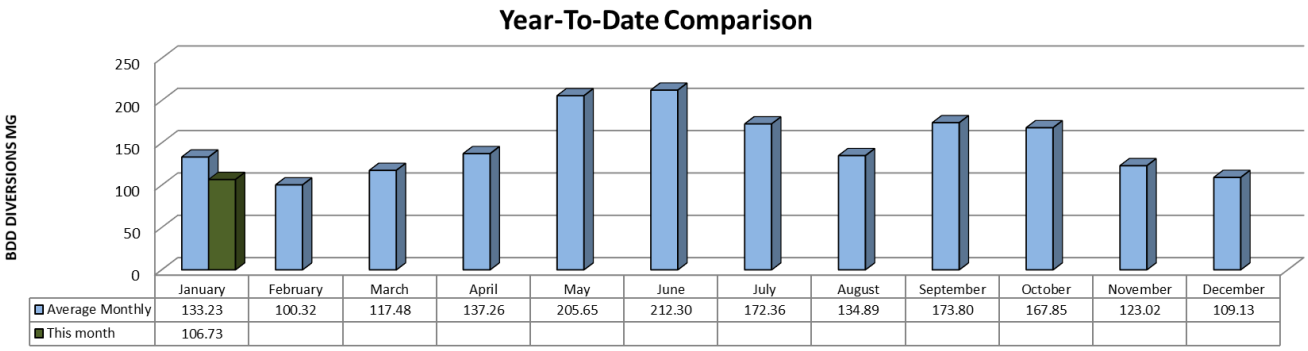
Subject: **Update on BDD Operations for the Month of January 2023**

ITEM:

1. This memorandum is to update the Buckman Direct Diversion Board (BDDB) on BDD operations during the month of January 2023. The BDD diversions and deliveries have averaged, in Million Gallons Per Day (MGD), as follows:
    a. Raw water diversions: 3.44 MGD.
    b. Drinking water deliveries through Booster Station 4A/5A: 2.02 MGD.
    c. Raw water delivery to Las Campanas at BS2A: 0.00 MG
    d. Onsite treated and non-treated water storage: 1.42 MGD Average.

2. The BDD is providing approximately 32% percent of the water supply to the City and County for the month.

3. The BDD year-to-date diversions are depicted below:



	January	February	March	April	May	June	July	August	September	October	November	December
Average Monthly	133.23	100.32	117.48	137.26	205.65	212.30	172.36	134.89	173.80	167.85	123.02	109.13
This month	106.73											

4. Regional Demand/Drought Summary and Storage-see page 2.

Regional Water Overview

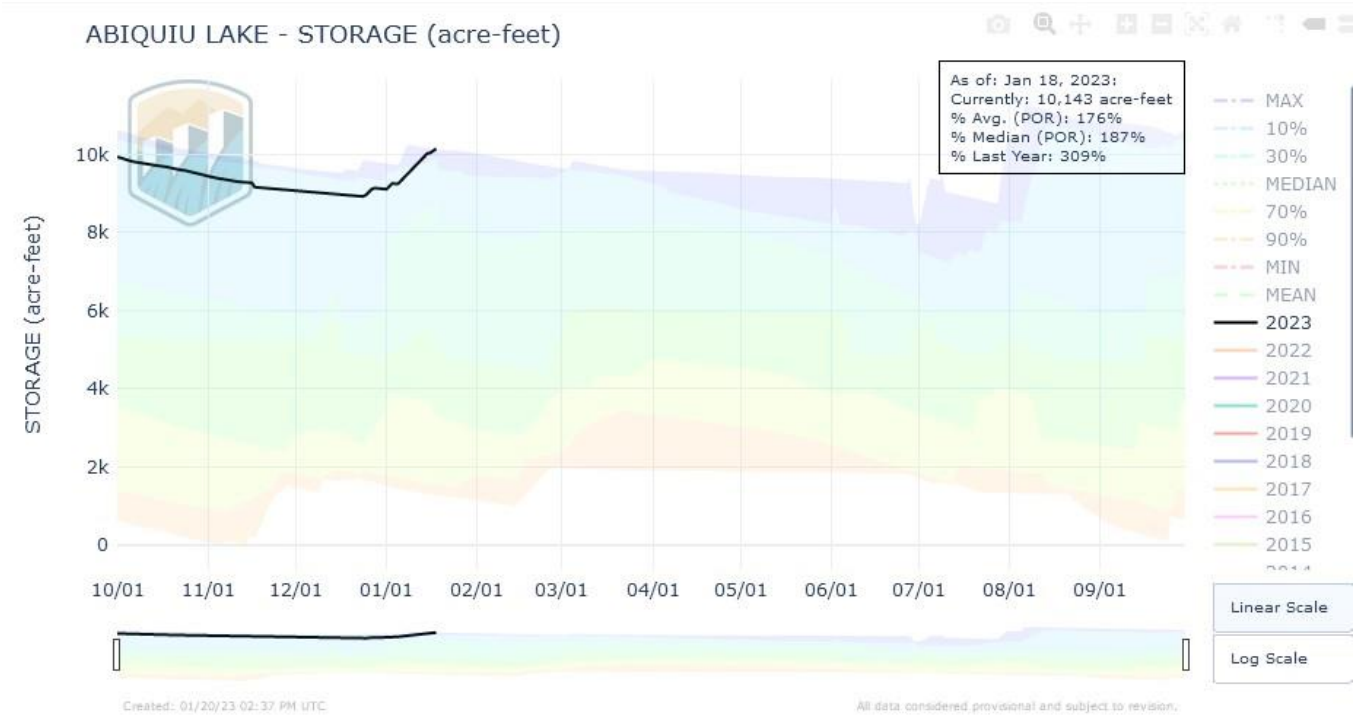
Daily metered regional water demand for the month of January 2023 is approximately 6.3 MGD.

Rio Grande flows for January 2023 averaged approximately 650 CFS (cubic feet per second.)

CRWTP reservoir storage: Nichols: 65.7%/McClure: 33.3% (38.8% combined) Watershed Inflow: 1.8 MGD

City/County/LC Storage- as updated by partners. As of Jan. 18, 2023 City of SF Abiquiu/Heron SJC storage is at about 12,700AF.

As of Jan. 1, 2023 the City of Santa Fe has been allocated 0.0AF of 5230AF and SF County 0.0AF of 375AF of SJCP water. April 15, 2023 is the next scheduled allocation.



ENSO Summary

Jan. 17, 2023
La Niña is present.

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Equatorial sea surface temperatures (SSTs) are below average across most of the Pacific Ocean.
The tropical Pacific atmosphere is consistent with La Niña.
A transition from La Niña to ENSO-neutral is anticipated during the February-April 2023 season. By Northern Hemisphere spring (March-May 2023), the chance for ENSO-neutral is 82%.

Buckman Direct Diversion Monthly SJC and Native Diversions

Jan-23 In Acre-Feet

Month	Total SJC + Native Rights	SP-4842 RG Native COUNTY	SD-04842-A RG Native LAS CAMPANAS	SJC Call Total	SP-2847-E SJC Call CITY	SP-2847-N-A SJC Call LAS CAMPANAS	SP-2847-E SJC Undiverted CITY	All Partners Conveyance Losses
JAN	**327.670**	**295.543**	**0.000**	32.127	**32.127**	**0.000**	0.000	0.900
FEB	**0.000**	**0.000**	**0.000**	0.000	**0.000**	**0.000**	0.000	0.000
MAR	**0.000**	**0.000**	**0.000**	0.000	**0.000**	**0.000**	0.000	0.000
APR	**0.000**	**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	0.000
JUN	**0.000**	**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	0.000
AUG	**0.000**	**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	0.000
OCT	**0.000**	**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	0.000
DEC	**0.000**	**0.000**	**0.000**	0.000	**0.000**	**0.000**	0.000	0.000
TOTAL	**327.670**	**295.543**	**0.000**	**32.127**	**32.127**	**0.000**	**0.000**	**0.900**

In Million Gallons

Month	Native COUNTY	Native Las Campanas	SJC TOTAL	SJC CITY	SJC Las Campanas	SJC Undiverted CITY	All Partners Diversions
JAN	96.268	0.000	10.347	10.347	0.000	0.000	106.615
FEB	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAR	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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	**96.268**	**0.000**	**10.347**	**10.347**	**0.000**	**0.000**	**106.615**

Buckman Direct Diversion Monthly SJC and Native Diversions

Dec-22 In Acre-Feet

Month	Total SJC + Native Rights	SP-4842 RG Native COUNTY	SD-03418 RG Native LAS CAMPANAS	SJC Call Total	SP-2847-E SJC Call CITY	SP-2847-N-A SJC Call LAS CAMPANAS	SP-2847-E SJC Undiverted CITY	All Partners Conveyance Losses
JAN	**511.288**	**154.905**	**0.000**	356.382	**356.382**	**0.000**	0.000	3.203
FEB	**421.814**	**421.814**	**0.000**	0.000	**0.000**	**0.000**	0.000	0.000
MAR	**376.496**	**302.219**	**0.000**	74.277	**74.277**	**0.000**	0.000	0.758
APR	**538.222**	**408.237**	**0.000**	129.985	**129.985**	**0.000**	0.000	1.327
MAY	**596.137**	**596.137**	**0.000**	0.000	**0.000**	**0.000**	0.000	0.000
JUN	**660.831**	**300.636**	**0.000**	360.194	**360.194**	**0.000**	0.000	2.397
JUL	**582.150**	**122.961**	**0.000**	459.189	**459.189**	**0.000**	0.000	2.232
AUG	**166.030**	**0.000**	**0.000**	221.847	**221.847**	**0.000**	55.818	1.067
SEP	**439.944**	**30.356**	**0.000**	409.588	**383.240**	**26.348**	0.000	1.982
OCT	**505.999**	**25.135**	**0.000**	480.864	**456.039**	**24.825**	0.000	4.780
NOV	**263.142**	**0.000**	**0.000**	270.146	**259.271**	**10.875**	7.004	2.699
DEC	**177.158**	**9.051**	**0.000**	168.107	**168.107**	**0.000**	0.000	1.650
TOTAL	**5,239.210**	**2,371.451**	**0.000**	**2,930.579**	**2,868.532**	**62.047**	**62.821**	**22.095**

In Million Gallons

Month	Native COUNTY	Native Las Campanas	SJC TOTAL	SJC CITY	SJC Las Campanas	SJC Undiverted CITY	All Partners Diversions
JAN	50.458	0.000	114.878	114.878	0.000	0.000	165.336
FEB	137.399	0.000	0.000	0.000	0.000	0.000	137.399
MAR	98.443	0.000	23.913	23.913	0.000	0.000	122.356
APR	132.976	0.000	41.848	41.848	0.000	0.000	174.825
MAY	194.181	0.000	0.000	0.000	0.000	0.000	194.181
JUN	97.927	0.000	115.951	115.951	0.000	0.000	213.878
JUL	40.052	0.000	147.861	147.861	0.000	0.000	187.914
AUG	0.000	0.000	71.472	71.472	0.000	18.182	71.472
SEP	9.888	0.000	131.951	123.448	8.503	0.000	141.839
OCT	8.187	0.000	154.855	147.123	8.009	0.000	163.042
NOV	0.000	0.000	86.992	83.484	3.508	2.281	86.992
DEC	2.948	0.000	54.143	54.143	0.000	0.000	57.092
TOTAL	**772.460**	**0.000**	**943.866**	**924.123**	**20.020**	**20.463**	**1,716.326**