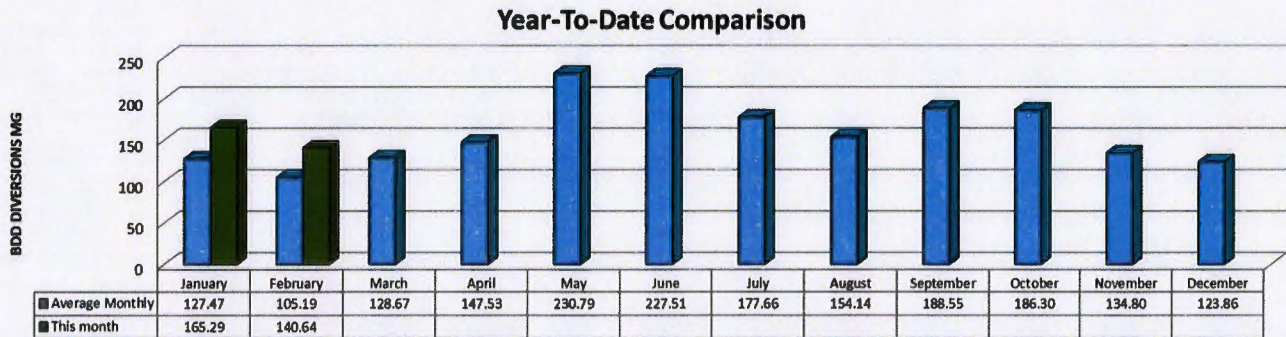




Date: March 3, 2022
To: Buckman Direct Diversion Board
From: Randy Sugrue, BDD Operations Superintendent
Subject: Update on BDD Operations for the Month of February 2022

ITEM:

1. This memorandum is to update the Buckman Direct Diversion Board (BDDDB) on BDD operations during the month of February 2022. The BDD diversions and deliveries have averaged, in Million Gallons Per Day (MGD) as follows:
 - a. Raw water diversions: 5.02 MGD.
 - b. Drinking water deliveries through Booster Station 4A/5A: 4.74 MGD.
 - c. Raw water delivery to Las Campanas at BS2A: 0.00 MG
 - d. Onsite treated and non-treated water storage: 0.28 MGD Average.
2. The BDD is providing approximately 76% percent of the water supply to the City and County for the month.
3. The BDD year-to-date diversions are depicted below:



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



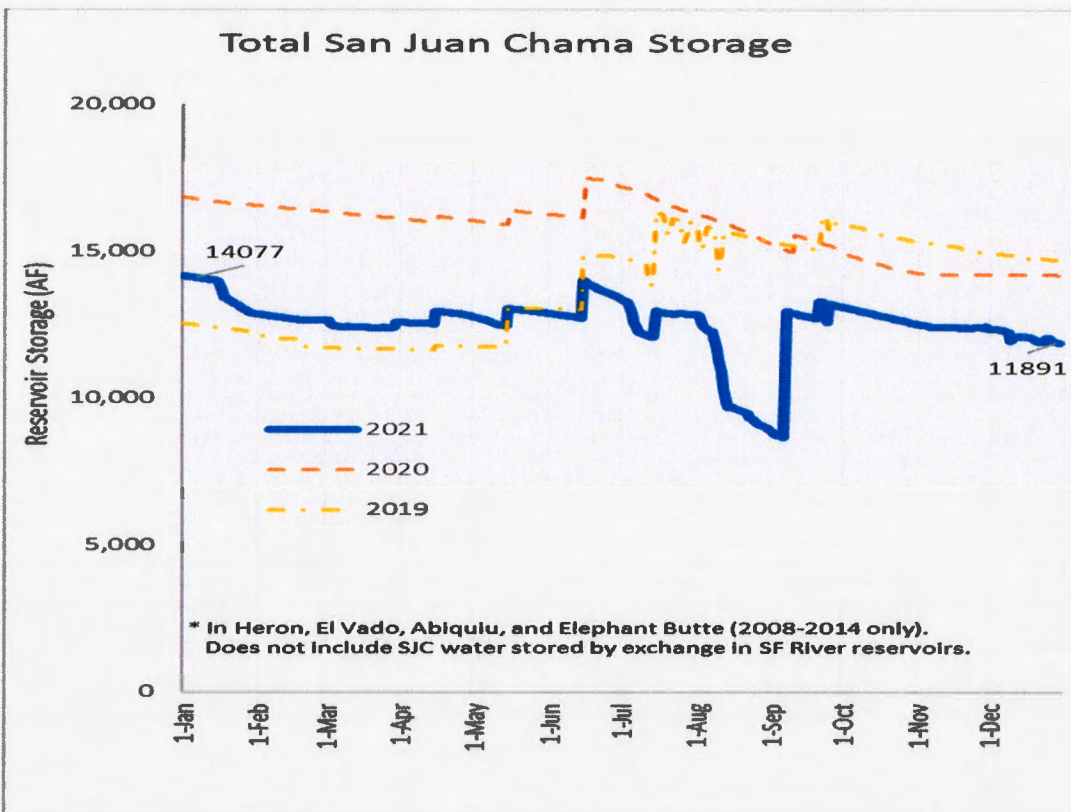
Regional Water Overview

Daily metered regional water demand for the month of February 2022 is approximately 6.2 MGD.

Rio Grande flows for February 2022 averaged approximately 575 CFS (cubic feet per second.)

CRWTP reservoir storage: Nichols: 67.2%/McClure: 8.7% (18.6% combined) Watershed Inflow: 0.84 MGD

City/County/LC Storage- as updated by partners.



ENSO Summary

February 21, 2022

La Niña is present.*

Equatorial sea surface temperatures (SSTs) are below average across the east-central and eastern Pacific Ocean.

The tropical Pacific atmosphere is consistent with La Niña.

La Niña is likely to continue into the Northern Hemisphere spring (77% chance during March-May 2022) and then transition to ENSO-neutral (56% chance during May-July 2022).



Buckman Direct Diversion Monthly SJC and Native Diversions

Feb-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	All Partners Conveyance Losses
JAN	511.288	154.905	0.000	356.382	356.382	0.000	3.203
FEB	431.760	431.760	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	943.048	586.665	0.000	356.382	356.382	0.000	3.203

In Million Gallons

Month	Native COUNTY	Native Las Campanas	SJC TOTAL	SJC CITY	SJC Las Campanas	All Partners Diversions
JAN	50.458	0.000	114.878	114.878	0.000	165.336
FEB	140.638	0.000	0.000	0.000	0.000	140.638
MAR	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
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	191.096	0.000	114.878	114.878	0.000	305.975



Buckman Direct Diversion Monthly SJC and Native Diversions

Dec-21							
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	All Partners Conveyance Losses
JAN	378.548	42.119	0.000	336.429	336.429	0.000	3.456
FEB	408.601	191.550	0.000	217.051	217.051	0.000	2.229
MAR	442.832	442.832	0.000	0.000	0.000	0.000	0.000
APR	624.282	506.349	0.000	117.933	117.933	0.000	1.195
MAY	868.184	483.518	0.000	384.666	384.666	0.000	2.477
JUN	879.493	302.801	0.000	576.692	576.692	0.000	3.555
JUL	562.156	-17.518	0.000	579.674	579.674	0.000	2.767
AUG	758.665	-0.154	0.000	758.819	758.819	0.000	3.757
SEP	542.059	-49.305	0.000	591.364	591.364	0.000	2.930
OCT	553.705	-22.895	0.000	576.600	576.600	0.000	5.614
NOV	423.977	368.177	0.000	55.800	55.800	0.000	0.543
DEC	423.345	-0.732	0.000	424.077	424.077	0.000	2.367
TOTAL	6,865.847	2,246.741	0.000	4,619.106	4,619.106	0.000	30.890

In Million Gallons

Month	Native COUNTY	Native Las Campanas	SJC TOTAL	SJC CITY	SJC Las Campanas	All Partners Diversions
JAN	13.720	0.000	108.306	108.306	0.000	122.026
FEB	62.394	0.000	69.875	69.875	0.000	132.269
MAR	144.245	0.000	0.000	0.000	0.000	144.245
APR	164.934	0.000	37.971	37.971	0.000	202.906
MAY	157.498	0.000	123.871	123.871	0.000	281.369
JUN	98.632	0.000	185.788	185.788	0.000	284.420
JUL	-5.706	0.000	186.765	186.765	0.000	181.059
AUG	-0.050	0.000	244.396	244.396	0.000	244.346
SEP	-16.060	0.000	190.470	190.470	0.000	174.409
OCT	-7.458	0.000	185.724	185.724	0.000	178.266
NOV	119.927	0.000	17.973	17.973	0.000	137.901
DEC	-0.238	0.000	138.136	138.136	0.000	137.898
TOTAL	731.837	0.000	1,489.275	1,489.275	0.000	2,221.113

Memorandum



Buckman Direct Diversion

Date: February 23, 2022

To: Buckman Direct Diversion Board

From: Rick Carpenter, BDD Facilities Manager /s/

Re: Request Authority to Access Settlement Funds

ITEM AND ISSUE:

Request approval to begin procurement process for valve replacement projects, utilizing funds from the settlement fund.

BACKGROUND AND SUMMARY:

This valve project is needed to replace failed equipment (valves) that have been an issue since early in the startup of the plant. This valve failure causes multiple hazards and needs to be addressed soon. The quote provided does not include additional valves needed, hardware, gaskets, discharge flow pipe modifications or other miscellaneous items we may need as we are working on these replacements. In an effort to keep plant downtime to a minimum, an outside contractor would be required to assist with the replacements with the equipment and manpower on site to maintain a safe and shorter timeline as so the BDD can come back online.

The quote provided is in the amount of \$734,450.00 but, still needs to be modified, and additional funding is needed as mentioned above. With any project, unforeseen costs, additional supplies needed and or pipework remains unknown as to a dollar amount at time of work being performed. Please keep in mind that there are other valves that are not quoted that would put us in a better position if we are able to replace them at this time as well. The total estimated cost of this project is determined to be between \$2,000,000 and 2,500,000.

ACTION REQUESTED:

Approve authority to access the settlement funds, up to the amount of \$2.5 Million, for the valve replacement project.

Approved by BDDDB March 3, 2022

APPROVED/DATE

DENIED/DATE



Buckman Direct Diversion 341 Caja del Rio Santa Fe, NM 87506



Memorandum



Buckman Direct Diversion

Date: February 22, 2022

To: Buckman Direct Diversion Board

From: Kyle S. Harwood and Rick Carpenter

Subject: Presentation and Request for Board Signature on New Memorandum of Agreement for the Middle Rio Grande Endangered Species Collaborative Project

Item and Issue:

The Middle Rio Grande Endangered Species Collaborative Project (MRGESCP) has requested that its members, including the Board enter into a new Memorandum of Agreement (MOA).

Background and Summary:

The Board is a current member of the Executive Committee of the MRGESCP, which has approved a new MOA which it is presenting to its members for signature. The MRGESCP structure and operation have changed since the prior MOA was signed in 2008 requiring changes to the MOA. The new MOA is provided as an attachment to this Memorandum. The MRGESCP is requesting that signed copies of the MOA should be submitted by March 15 and the final, signed MOA will be presented for approval at the March 23, 2022 Executive Committee meeting of the MRGESCP.

Recommendation:

Participation in the MRGESCP is important for monitoring and participating in the efforts to benefit the endangered species on the Rio Grande. We recommend that the Board sign the new MOA.

Attachment:

2022 MOA Draft for Signatures



2022 MEMORANDUM OF AGREEMENT
for the
MIDDLE RIO GRANDE ENDANGERED SPECIES COLLABORATIVE PROGRAM

MARCH 23, 2022

STATEMENT OF PURPOSE

The Middle Rio Grande Endangered Species Collaborative Program (Collaborative Program) was established by the 2003 Memorandum of Understanding, which was superseded by the 2008 Memorandum of Agreement (MOA). Substantive changes in the structure and operation of the Collaborative Program have occurred and this MOA supersedes previous agreements. Signatories to this MOA reaffirm the Collaborative Program as consisting of federal, state, and local government entities, Indian Tribes and Pueblos, and non-governmental organizations engaged in collaborative efforts to benefit listed species in the Middle Rio Grande.

TERMS AND CONDITIONS

- A. Effective Date and Duration. This MOA shall remain in effect for a period of 5 years from the date of its execution by the Executive Committee. The MOA shall automatically extend for an additional 5 years, unless otherwise terminated by unanimous consent of the Executive Committee.
- B. Individual Termination. During the term of this MOA, any signatory may withdraw from this MOA upon written notice to the Executive Committee. A signatory's participation in this MOA may also be terminated through termination of membership to the Collaborative Program by non-attendance at three consecutive Executive Committee meetings. Termination by individual signatories shall not terminate this MOA, which shall continue to apply with respect to the remaining signatories.
- C. Sovereignty. This MOA does not constitute a waiver or alternation of any sovereign rights and immunities.
- D. Execution in Part and Additional Signatories. This Agreement may be executed in one or more separate counterparts. All of such counterparts shall, when taken together, constitute one and the same agreement. New signatories to this MOA may be added at any time through the duration of this MOA.
- E. Under section 4(f)(2) of the ESA, 16 U.S.C. § 1533, the Secretary of the Interior is directed to develop and implement plans for the conservation of endangered species. The Secretary of

the Interior may procure the services of public and private agencies, individuals, and institutions in developing and implementing such recovery plans. Advice from such agencies, individuals, and institutions, such as that offered by signatories to this MOA, is not subject to the Federal Advisory Committee Act, 5 U.S.C. app.2. See also Bylaws, Article 6 (Executive Committee, including public notice and participation).

- F. This MOA shall not obligate any signatory to participate in, contribute to, or otherwise implement activities recommended by the Collaborative Program.
- G. This MOA is not intended to conflict with or abrogate any legal rights or responsibilities of any signatory or other party.

The signatories hereby state that they have legal authority to enter into this MOA and have legal authority to work toward the intent of the Collaborative Program.

Organization: _____

Name: _____

Title: _____

Sign

Date