Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 4/12/2023

RE: Subdistrict No. 1 Replacement Water Accounting for the month of March 2023.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of March, 2023. As per the Terms and Condition No. 7 of the 2022 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Kevin Rein May 1, 2021, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of March 2023 Replacement Water Operations:

Under the direction of the Division 3 Division Engineer and the District 20 Water Commissioner, Subdistrict No. 1 continued replacing projected stream reach depletions on the Rio Grande for the month of March on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2022 Annual Report (AR). On March 1st, Subdistrict No. 1 continued utilizing Closed Basin Project production to the Rio Grande in the amount of 1.971 ac-ft./ day to begin replacing projected depletion obligations in Stream Reach 2. There were no positive depletions in Stream Reach 1 or 3 identified in the response function in March, but rather accretions back to the river within these reaches which the Subdistrict requests to use to offset depletion obligations to Stream Reach 2, upon Division approval.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during March, 2023. Detailed accounting for daily administration can also be found on the Rio Grande Water Conservation District's website (http://rgwcd.org) under Subdistrict No. 1 Annual Replacement Plan.

Table 1: Subdistrict No. 1 depletions per Table 1.5 in the accepted 2022 Annual Report (AR): Subdistrict No. 1 Monthly Net Stream Depletions for 2022 AR submitted to the Colorado State Engineer's Office on March 1st, 2023. March 2023 Depletion Obligation Total: 61.1 ac-ft. 2022 Replacement Operation Total: 61.1 AF (all units are in acre feet).

Table 1

Date	Depletion Obligation				SD #1 Replacement Water Sources									
March	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Required 2022 AR	Forbear SLVID SR 1&2 Ac-ft.	Forbear SLVC SR 1&2 Ac-ft.	Forbear MVC SR 1&2 Ac-ft.	SLVID Tabor D 2 TM SR 1&2 Ac-ft.	Exchange from SR 3 to SR 2	Santa Maria depletion Pool to SR 2 Ac-ft	CBP Allocation to SR 2 Ac-ft.	Accretion Exchange from SR1 to SR 2 Ac-Ft.	Accretion Exchange From SR 3 to SR2 Ac-ft.	Total to SR2
1	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
2	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
3	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
4	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
5	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
6	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
7	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
8	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
9	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
10	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
11	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
12	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
13	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
14	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
15	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
16	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
17	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
18	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
19	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
20	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
21	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
22	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
23	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
24	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
25	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
26	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
27	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
28	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
29	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
30	-0.829	3.223	-0.423	1.971	0	0	0	0	0	0	1.971	0.829	0.423	3.22
31	-0.829	3.223	-0.423	1.971	0	0	0	0	0	1.53*	1.971	0.829	0.423	3.22
Totals	-25.7	99.9	-13.1	61.1						1.53*	61.1			99.91

*Start Releases out of SMRC shares from Santa Maria for April 2023 depletions to SR2 using accretions from SR1 & SR3.

Table 2: District 20 Rio Grande River Call for March 2023 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

Table 2

March	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1		Rio Grande Compact	0
2		Rio Grande Compact	0
3		Rio Grande Compact	0
4		Rio Grande Compact	0
5		Rio Grande Compact	0
6		Rio Grande Compact	0
7		Rio Grande Compact	0
8		Rio Grande Compact	0
9		Rio Grande Compact	0
10		Rio Grande Compact	0
11		Rio Grande Compact	0
12		Rio Grande Compact	0
13		Rio Grande Compact	0
14		Rio Grande Compact	0
15		Rio Grande Compact	0
16		Rio Grande Compact	0
17		Rio Grande Compact	0
18		Rio Grande Compact	0
19		Rio Grande Compact	0
20		Rio Grande Compact	0
21		Rio Grande Compact	0
22		Rio Grande Compact	0
23		Rio Grande Compact	0
24		Rio Grande Compact	0
25		Rio Grande Compact	0
26		Rio Grande Compact	0
27		Rio Grande Compact	0
28		Rio Grande Compact	0
29		Rio Grande Compact	0
30		Rio Grande Compact	0
31		Rio Grande Compact	0

Contact person responsible for the operation and accounting for Subdistrict No. 1:
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Program Manager, RGWCD