



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 3/4/2024

RE: Subdistrict No. 1 Replacement Water Accounting for the month of February, 2024.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of February 2024. As per the Terms and Condition No. 8 of the 2023 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, 2023, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of February 2024 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 February on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2023 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-172.7AF) to offset Stream Reach 2 depletions (64.7 AF), using Table 2.5 from the 2023 ARP. The remainder of Stream Reach 1 accretions (-108 AF) and Stream Reach 3 accretions (-5.5 AF) were not used by Subdistrict No. 1 or any other Subdistrict.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during February 2024. 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 2.5 in the accepted 2023 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2023 ARP Year submitted to the Colorado State Engineer's Office on April 14, 2023. **February 2024 Depletion Obligation Total:** 64.7 ac-ft to Stream Reach 2; **February 2024 Replacement Operation Total:** Use of 64.7 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 (108 ac-ft of Stream Reach 1 & 5.5 ac-ft of Stream Reach 3 accretions leftover).

Table 2: District 20 Rio Grande River Call for February 2024 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20. (Outside Irrigation Season is all Rio Grande Compact)

Table 1

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>		
February 2024	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Accretions left from SR-1 & SR-3 (Ac-ft.)	SR-1 Accretion Exchange to SR-2 (Ac-ft.)	SR-1 Accretion Exchange to SR-2 (cfs)	Total Replacement (AF)
2023 ARP for February 2024	-172.7	64.7	-5.5	-113.50	64.7		
1	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
2	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
3	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
4	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
5	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
6	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
7	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
8	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
9	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
10	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
11	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
12	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
13	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
14	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
15	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
16	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
17	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
18	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
19	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
20	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
21	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
22	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
23	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
24	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
25	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
26	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
27	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
28	-5.951	2.222	-0.179	-3.907	2.222	1.12	2.22
29	-6.089	2.499	-0.496	-4.086	2.499	1.26	2.50
Total (AF)	-172.70	64.70	-5.49	-113.50	64.70	64.70	64.70

Table 2

<i>February 2024</i>	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

Contact person responsible for the operation and accounting for Subdistrict No. 1:

Taylor Chick

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Program Manager, RGWCD