



## Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 4/9/2024

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of March 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 March 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 March on a daily basis pursuant to the amounts presented in the Subdistrict's 2023 Annual Replacement Plan (ARP.) Subdistrict No. 1 used response function accretions from Stream Reach 1 (-199.1 AF) to offset Stream Reach 2 depletions (74 AF), using Table 2.5 from the 2023 ARP. The remainder of Stream Reach 1 accretions (-125.1 AF) and Stream Reach 3 accretions (-7.8 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 March 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 approved 2023 ARP: Subdistrict No. 1 Monthly Stream Replacement Obligation for 2023 ARP Year submitted to the Colorado State Engineer's Office on April 14, 2023. **March 2024 Depletion Obligation Total:** 74 ac-ft to Stream Reach 2; **March 2024 Replacement Operation Total:** Use of 74 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions; 125.1 ac-ft of Stream Reach 1 & 7.8 ac-ft of Stream Reach 3 accretions leftover.

**Table 2:** District 20 Rio Grande River Call for March 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>		
<b>March 2024</b>	<b>SR-1 Ac-ft.</b>	<b>SR-2 Ac-ft.</b>	<b>SR-3 Ac-ft.</b>	<b>Total Accretions left from SR-1 &amp; SR-3 (Ac-ft.)</b>	<b>SR-1 Accretion Exchange to SR-2 (Ac-ft.)</b>	<b>SR-1 Accretion Exchange to SR-2 (cfs)</b>	<b>Total Replacement (AF)</b>
<b>2023 ARP for March 2024</b>	<b>-199.1</b>	<b>74</b>	<b>-7.8</b>	<b>-132.90</b>	<b>74</b>		
1	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
2	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
3	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
4	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
5	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
6	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
7	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
8	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
9	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
10	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
11	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
12	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
13	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
14	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
15	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
16	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
17	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
18	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
19	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
20	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
21	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
22	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
23	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
24	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
25	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
26	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
27	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
28	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
29	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
30	-6.427	2.380	-0.252	-4.284	2.380	1.20	2.38
31	-6.31	2.598	-0.240	-4.364	2.598	1.31	2.60
<b>Total (AF)</b>	<b>-199.10</b>	<b>74.00</b>	<b>-7.80</b>	<b>-132.89</b>	<b>74.00</b>	<b>74.00</b>	<b>74.00</b>

**Table 2**

<b>March 2024</b>	<b>Last Priority Served From Direct Flow</b>	<b>District 20 Ditch / Reservoir Being Served</b>	<b>Max CFS in Priority During Forbearance</b>
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  
Program Manager, RGWCD

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