



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 2/10/2023

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of January, 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 January 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 January on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2022 ARP. On January 1st, Subdistrict No. 1 began utilizing Closed Basin Project production to the Rio Grande in the amount of 2.478 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 January, but rather accretions back to the river within these reaches.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during January, 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 2.5 in the accepted 2022 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Net Stream Depletions for 2022 ARP Year submitted to the Colorado State Engineer’s Office on May 1, 2022. January 2023 Depletion Obligation Total: 76.81 ac-ft. 2022 Replacement Operation Total: 76.81 ac-ft (all units’ are in acre feet).

**Table 1**

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>									
<b>January</b>	<b>SR-1 Ac-ft.</b>	<b>SR-2 Ac-ft.</b>	<b>SR-3 Ac-ft.</b>	<b>Total Required 2022 ARP</b>	<b>Forbear SLVID SR 1&amp;2 Ac-ft.</b>	<b>Forbear SLVC SR 1&amp;2 Ac-ft.</b>	<b>Forbear MVC SR 1&amp;2 Ac-ft.</b>	<b>SLVID Tabor D 2 TM SR 1&amp;2 Ac-ft.</b>	<b>Exchange from SR 3 to SR 2</b>	<b>Santa Maria depletion Pool SR 2 Ac-ft</b>	<b>CBP Allocation SR 2 &amp; SR3 Ac-ft.</b>	<b>Accretion Exchange from SRMC SR1 to SR 2 Ac-Ft.</b>	<b>Accretion Exchange From SMRC SR 3 Ac-ft.</b>	<b>Total</b>
1	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
2	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
3	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
4	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
5	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
6	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
7	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
8	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
9	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
10	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
11	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
12	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
13	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
14	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
15	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
16	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
17	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
18	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
19	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
20	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
21	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
22	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
23	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
24	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
25	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
26	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
27	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
28	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
29	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
30	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
31	-0.5580	3.174	-0.138	2.478	0	0	0	0	0	0	2.478	0	0	2.478
<b>Totals</b>	<b>-17.299</b>	<b>98.399</b>	<b>-4.299</b>	<b>76.81</b>							<b>76.81</b>			<b>76.81</b>

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

**Table 2**

January	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 Assistant, RGWCD