

## Rio Grande Water Conservation District

8805 Independence Way • Alamosa, Colorado 81101 Phone: (719) 589-6301 • Fax: (719) 992-2026 Protecting & Conserving San Luis Valley Water

Date: 9-7-2022

RE: Subdistrict No. 1 Replacement Water Accounting for the month of August, 2022.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of August, 2022. 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, 2022, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

## Synopsis of August 2022 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 August on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2022 ARP. On August 1st, the ditches on the Rio Grande continued diverting water for the 2022 Irrigation Season. Subdistrict No. 1 continued releasing from the Santa Maria water pool stored in the Santa Maria Reservoir in the amount of 1.19 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 August, 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 August, 2022. Detailed accounting for daily administration can also be found on the Rio Grande Water Conservation District's website (<a href="http://rgwcd.org">http://rgwcd.org</a>) 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. August 2022 Depletion Obligation Total: 37 ac-ft. 2022 Replacement Operation Total: 37 ac-ft (all units' are in acre feet).

Table 1

Date	Depletion Obligation			SD #1 Replacement Water Sources										
August	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Revised Calculations for 2022 ARP	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 SR 2 Ac-ft	CBP Allocation SR 2 Ac-ft.	Accretion Exchange from SMRC SR1 & SR3 Ac-Ft.	Accretion Exchange From SMRC SR 2Ac-ft.	Total
1	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
2	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
3	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
4	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
5	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
6	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
7	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
8	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
9	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
10	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
11	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
12	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
13	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
14	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
15	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
16	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
17	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
18	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
19	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
20	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
21	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
22	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
23	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
24	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
25	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
26	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
27	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
28	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
29	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
30	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
31	-0.268	1.752	-0.294		0	0	0	0				1.190		1.190
Totals	-8.3	54.3	-9.1	36.9										36.9

**Table 2**: District 20 Rio Grande River Call for August 2022 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

## Table 2

		Table 2	
	Last Priority Served	District 20	Max CFS in Priority
August	From Direct Flow	Ditch / Reservoir Being Served	During Forbearance
1	276-A	RIO GRANDE CNL (RIO GRANDE)	No Forbearance in August
2	270-A	SAN LUIS VALLEY CNL (RIO GRANDE)	3
3	236-A	EMPIRE CANAL (RIO GRANDE)	
4	236-A	EMPIRE CANAL (RIO GRANDE)	
5	236-A	EMPIRE CANAL (RIO GRANDE)	
6	236-A	EMPIRE CANAL (RIO GRANDE)	
7	224	MONTE VISTA CANAL (RIO GRANDE)	
8	224	MONTE VISTA CANAL (RIO GRANDE)	
9	224	MONTE VISTA CANAL (RIO GRANDE)	
10	217	RIO GRANDE LARIAT D (RIO GRANDE)	
11	216-A	RIO GRANDE CNL (RIO GRANDE)	
12	216-A	RIO GRANDE CNL (RIO GRANDE)	
13	216-A	RIO GRANDE CNL (RIO GRANDE)	
14	216-A	RIO GRANDE CNL (RIO GRANDE)	
15	216-A	RIO GRANDE CNL (RIO GRANDE)	
16	216-A	RIO GRANDE CNL (RIO GRANDE)	
17	216-A	RIO GRANDE CNL (RIO GRANDE)	
18	216-A	RIO GRANDE CNL (RIO GRANDE)	
19	216-A	RIO GRANDE CNL (RIO GRANDE)	
20	216-A	RIO GRANDE CNL (RIO GRANDE)	
21	216-A	RIO GRANDE CNL (RIO GRANDE)	
22	216-A	RIO GRANDE CNL (RIO GRANDE)	
23	216-A	RIO GRANDE CNL (RIO GRANDE)	
24	216-A	RIO GRANDE CNL (RIO GRANDE)	
25	216-A	RIO GRANDE CNL (RIO GRANDE)	
26	216-A	RIO GRANDE CNL (RIO GRANDE)	
27	216-A	RIO GRANDE CNL (RIO GRANDE)	
28	216-A	RIO GRANDE CNL (RIO GRANDE)	
29	216-A	RIO GRANDE CNL (RIO GRANDE)	
30	216-A	RIO GRANDE CNL (RIO GRANDE)	
31	216-A	RIO GRANDE CNL (RIO GRANDE)	

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