



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 5-10-2022

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of April, 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 April 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 April on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2022 ARP. On April 1st, the ditches on the Rio Grande began diverting water for the 2022 Irrigation Season. In anticipation of this, Subdistrict No. 1 began a release from the Santa Maria water pool stored in the Santa Maria Reservoir in the amount of 1.67 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 April, 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 April, 2022. 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 2.6 in the accepted 2022 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2022 ARP Year submitted to the Colorado State Engineer’s Office on May 1, 2022. April 2022 Depletion Obligation Total: 50.1 ac-ft. 2022 Replacement Operation Total: 50.1 ac-ft (all units’ are in acre feet).

Table 1

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>									
April	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 SR1 & 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	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
2	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
3	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
4	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
5	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
6	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
7	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
8	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
9	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
10	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
11	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
12	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
13	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
14	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
15	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
16	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
17	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
18	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
19	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
20	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
21	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
22	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
23	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
24	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
25	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
26	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
27	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
28	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
29	-0.95	3.36	-0.74	1.67	0	0	0	0		1.67				1.67
30	-0.96	3.37	-0.75	1.67	0	0	0	0		1.67				1.67
Totals	-28.51	100.81	-22.21	50.1								50.1		50.1

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

Table 2

April	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	198	ENTERPRISE D (RIO GRANDE)	No Forbearance in April
2	198	ENTERPRISE D (RIO GRANDE)	
3	216-A	RIO GRANDE CANAL (RIO GRANDE)	
4	216-A	RIO GRANDE CANAL (RIO GRANDE)	
5	216-A	RIO GRANDE CANAL (RIO GRANDE)	
6	216-A	RIO GRANDE CANAL (RIO GRANDE)	
7	216-A	RIO GRANDE CANAL (RIO GRANDE)	
8	216-A	RIO GRANDE CNL (RIO GRANDE)	
9	216-A	RIO GRANDE CNL (RIO GRANDE)	
10	216-A	RIO GRANDE CNL (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 CANAL (RIO GRANDE)	
17	216-A	RIO GRANDE CANAL (RIO GRANDE)	
18	224	MONTE VISTA CNL (RIO GRANDE)	
19	236-A	EMPIRE CNL (RIO GRANDE)	
20	297	PRAIRIE D (RIO GRANDE)	
21	314	FARMERS UNION CNL (RIO GRANDE)	
22	361-A	EMPIRE CANAL (RIO GRANDE)	
23	344	RIO GRANDE CNL (RIO GRANDE)	
24	293	COSTILLA D (RIO GRANDE)	
25	236-A	EMPIRE CNL (RIO GRANDE)	
26	236-A	EMPIRE CNL (RIO GRANDE)	
27	270	SAN LUIS VALLEY CNL (RIO GRANDE)	
28	293	COSTILLA D (RIO GRANDE)	
29	358	MONTE VISTA CNL (RIO GRANDE)	
30	361-A	EMPIRE CNL (RIO GRANDE)	

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

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