

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: 10-5-2022

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of September, 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 September 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 September on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2022 ARP. On September 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 1.433 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 September, 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 September, 2022. Detailed accounting for daily administration can also be found on the Rio Grande Water Conservation District's website (<u>http://rgwcd.org</u>) 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. September 2022 Depletion Obligation Total: 42.99 ac-ft. 2022 Replacement Operation Total: 42.99 ac-ft (all units' are in acre feet).

Table 1

Acc 1 -0.2 2 -0.2 3 -0.2 4 -0.2 5 -0.2 6 -0.2 7 -0.2 8 -0.2 10 -0.2 11 -0.2 12 -0.2	0.243 0.243 0.243	SR-2 Ac-ft. 1.783	SR-3 Ac-ft.	Total Revised Calculations for 2022 ARP	Forbear SLVID SR 1&2	Forbear SLVC	Forbear MVC	SLVID Tabor D 2	Exchange from SR	Santa Maria	CBP Allocation	Accretion	Accretion	
$\begin{array}{c ccccc} 1 & & & & \\ 2 & & -0.2 \\ 3 & & -0.2 \\ 3 & & -0.2 \\ 4 & & -0.2 \\ 5 & & -0.2 \\ 6 & & -0.2 \\ 7 & & -0.2 \\ 8 & & -0.2 \\ 9 & & -0.2 \\ 10 & & -0.2 \\ 11 & & -0.2 \\ 11 & & -0.2 \\ 12 & & -0.2 \\ \end{array}$	0.243 0.243				Ac-ft.	SR 1&2 Ac-ft.	SR 1&2 Ac-ft.	TM SR 1&2 Ac-ft.	3 to SR 2	depletion Pool SR 2 Ac-ft	Anocation SR 2 Ac-ft.	Exchange from SMRC SR1 & SR3 Ac-Ft.	Exchange From SMRC SR 2Ac-ft.	Total
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.243		-0.086		0	0	0	0				1.433		1.433
4 -0.2 5 -0.2 6 -0.2 7 -0.2 8 -0.2 9 -0.2 10 -0.2 11 -0.2 12 -0.2		1.783	-0.086		0	0	0	0				1.433		1.433
5 -0.2 6 -0.2 7 -0.2 8 -0.2 9 -0.2 10 -0.2 11 -0.2 12 -0.2		1.783	-0.086		0	0	0	0				1.433		1.433
6 -0.2 7 -0.2 8 -0.2 9 -0.2 10 -0.2 11 -0.2 12 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
7 -0.2 8 -0.2 9 -0.2 10 -0.2 11 -0.2 12 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
8 -0.2 9 -0.2 10 -0.2 11 -0.2 12 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
9 -0.2 10 -0.2 11 -0.2 12 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
10 -0.2 11 -0.2 12 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
11 -0.2 12 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
12 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
12	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
13 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
14 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
15 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
16 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
17 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
18 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
19 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
20 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
22 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
23 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
24 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
25 -0.2		1.783	-0.086		0	0	0	0				1.433		1.433
	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
27 -0.2		1.783	-0.086		0	0	0	0				1.433		1.433
28 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
29 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
30 -0.2	0.243	1.783	-0.086		0	0	0	0				1.433		1.433
Totals -7					9 1							1		

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

		Table 2	
	Last Priority Served	District 20	Max CFS in Priority
September	From Direct Flow	Ditch / Reservoir Being Served	During Forbearance
1	216-A	RIO GRANDE CNL (RIO GRANDE)	No Forbearance in September
2	204	RIO GRANDE SAN LUIS D (RIO GRANDE)	
3	204	RIO GRANDE SAN LUIS D (RIO GRANDE)	
4	198	ENTERPRISE D (RIO GRANDE)	
5	198	ENTERPRISE D (RIO GRANDE)	
6	196	CHICAGO D (RIO GRANDE)	
7	192	NICHOL D (RIO GRANDE)	
8	192	NICHOL D (RIO GRANDE)	
9	192	NICHOL D (RIO GRANDE)	
10	195	KANE CALLAN D (RIO GRANDE)	
11	196	CHICAGO D (RIO GRANDE)	
12	197	BIEDEL D (RIO GRANDE)	
13	197	BIEDEL D (RIO GRANDE)	
14	197	BIEDEL D (RIO GRANDE)	
15	197	BIEDEL D (RIO GRANDE)	
16	197	BIEDEL D (RIO GRANDE)	
17	197	BIEDEL D (RIO GRANDE)	
18	192	NICHOL D (RIO GRANDE)	
19	190	MINOR D (RIO GRANDE)	
20	176	HERMANTHAL D (RIO GRANDE)	
21	178	RIO GRANDE CNL (RIO GRANDE)	
22	197	BIEDEL D (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	198	ENTERPRISE D (RIO GRANDE)	
29	198	ENTERPRISE D (RIO GRANDE)	
30	198	ENTERPRISE D (RIO GRANDE)	

Contact person responsible for the operation and accounting for Subdistrict No. 1: Linda Ramirez Office Phone: 719-589-6301 Program Assistant, RGWCD