

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: 2-5-2022

RE: Subdistrict No. 1 Replacement Water Accounting for the month of December, 2021.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of December, 2021. As per the Terms and Condition No. 7 of the 2021 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 December 2021 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 December on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2021 ARP. On November 1st the irrigation season ended and the reservoirs went into storage. Subdistrict No. 1 in conjunction with the winter flow program, began a reservoir release on December 1st from the Santa Maria water pool stored in the Rio Grande Reservoir and Continental Reservoir in the amount of 3.3 ac-ft. / day to begin replacing projected depletion obligations in Stream Reach 2. There were no positive depletions in Stream Reach 1 identified in the response function in December, 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 December, 2021. 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 2.6 in the accepted 2021 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2021 ARP Year submitted to the Colorado State Engineer's Office on April 15, 2021. December 2021 Depletion Obligation Total: 101 ac-ft. 2021 Replacement Operation Total: 101 ac-ft (all units' are in acre feet).

Та	ble	1

Date Depletion Obligation			SD #1 Replacement Water Sources											
December	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Required 2021 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 1, 2 & 3 Ac-ft.	Accretion Exchange from SMRC SR1 & SR3 Ac-Ft.	Accretion Exchange From SMRC SR 2Ac-ft.	Winter Flow Program Total
1		3.49			0	0	0	0						3.49
2		3.49			0	0	0	0						3.49
3		3.49			0	0	0	0						3.49
4		3.49			0	0	0	0						3.49
5		3.49			0	0	0	0						3.49
6		3.49			0	0	0	0						3.49
7		3.53			0	0	0	0						3.53
8		3.59			0	0	0	0						3.59
9		3.45			0	0	0	0						3.45
10		3.33			0	0	0	0						3.33
11		3.33			0	0	0	0						3.33
12		3.33			0	0	0	0						3.33
13		3.33			0	0	0	0						3.33
14		3.33			0	0	0	0						3.33
15		3.33			0	0	0	0						3.33
16		3.33			0	0	0	0						3.33
17		3.33			0	0	0	0						3.33
18		3.33			0	0	0	0						3.33
19		3.33			0	0	0	0						3.33
20		3.33			0	0	0	0						3.33
21		3.33			0	0	0	0						3.33
22		3.33			0	0	0	0						3.33
23		3.33			0	0	0	0						3.33
24		3.33			0	0	0	0						3.33
25		3.33			0	0	0	0						3.33
26		3.33			0	0	0	0						3.33
27		3.33			0	0	0	0						3.33
28		3.33			0	0	0	0						3.33
29		3.33			0	0	0	0						3.33
30		3.33			0	0	0	0						3.33
31		3.41			0	0	0	0						3.41
Totals		101												101

Table 2: District 20 Rio Grande River Call for December 2021 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
December	From Direct Flow	Ditch / Reservoir Being Served	During Forbearance
1			Winter Flow Program
2			0
3			0
4			0
5			0
6			0
7			0
8			0
9			0
10			0
11			0
12			0
13			0
14			0
15			0
16			0
17			0
18			0
19			0
20			0
21			0
22			0
23			0
24			0
25			0
26			0
27			0
28			0
29			0
30			0
31			0

Contact person responsible for the operation and accounting for Subdistrict No. 1: Marisa Fricke Office Phone: 719-589-6301 Program Manager, RGWCD