

## 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: 12-15-2021

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of November, 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 November 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 August 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 November 1st from the Santa Maria water pool stored in the Rio Grande Reservoir in the amount of 1.7 ac-ft. / day to begin replacing projected depletion obligations in Stream Reach 2. There were no positive depletions in Stream Reach 3 identified in the response function in November, 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 November, 2021. 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 2.6 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. November 2021 Depletion Obligation Total: 89 ac-ft. 2021 Replacement Operation Total: 89 ac-ft (all units' are in acre feet).

Table 1

Date	Depletion Obligation				SD #1 Replacement Water Sources									
October	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.	Total
1		7.61			0	0	0	0						7.61
2		1.50			0	0	0	0						1.50
3		1.61			0	0	0	0						1.61
4		1.46			0	0	0	0						1.46
5		1.46			0	0	0	0						1.46
6		1.42			0	0	0	0						1.42
7		1.31			0	0	0	0						1.31
8		1.31			0	0	0	0						1.31
9		1.45			0	0	0	0						1.45
10		1.61			0	0	0	0						1.61
11		1.5			0	0	0	0						1.5
12		1.63			0	0	0	0						1.63
13		1.62			0	0	0	0						1.62
14		1.63			0	0	0	0						1.63
15		1.66			0	0	0	0						1.66
16		1.68			0	0	0	0						1.68
17		1.60			0	0	0	0						1.60
18		1.60			0	0	0	0						1.60
19		1.67			0	0	0	0						1.67
20		1.68			0	0	0	0						1.68
21		1.63			0	0	0	0						1.63
22		1.61			0	0	0	0						1.61
23		1.68			0	0	0	0						1.68
24		1.67			0	0	0	0						1.67
25		1.61			0	0	0	0						1.61
26		1.66			0	0	0	0						1.66
27		1.70			0	0	0	0						1.70
28		1.72			0	0	0	0						1.72
29		1.73			0	0	0	0						1.73
30		1.75			0	0	0	0						1.75
Totals		53.95												53.95

**Table 2**: District 20 Rio Grande River Call for November 2021 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

## Table 2

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	Last Priority Served	District 20	Max CFS in Priority
November	From Direct Flow	Ditch / Reservoir Being Served	<b>During Forbearance</b>
1			
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

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

Marisa Fricke

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Program Manager, RGWCD