



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 1-11-2019

RE: Subdistrict No. 1 Replacement Water Accounting for the month of December, 2018.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of December, 2018. As per the Terms and Condition No. 7 of the 2018 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 April 30, 2018, 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 2018 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 2018 ARP. On December 1st, the Subdistrict's Replacement Water Plan resumed with Closed Basin Project (CBP) allocation releases to the Rio Grande replacing all three Subdistrict No.1 projected stream reach obligations. Bureau of Reclamation staff attempted to keep the release rate from the CBP canal into the Rio Grande to at least 6.93 ac-ft./day to meet the daily obligation for the Subdistrict and were successful in doing so for the entire month of December. The balance of the Subdistrict No.1 CBP allocation available for replacement water for the 2018 Annual Replacement Plan as of the end of December is 979.01 acre feet.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during December, 2018. 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 2018 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2018 ARP Year submitted to the Colorado State Engineer's Office on April 13, 2018. December 2018 Depletion Obligation Total: 215 ac-ft. 2018 Replacement Operation Total: 215 ac-ft (all units' are in acre feet).

<i>Date</i>	<i>Depletion Obligation</i>				Table 1						<i>SD #1 Replacement Water Sources</i>			
December	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Required 2018 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 UNAVAILABLE	William Cr. Squaw TM SR 1 & 2 Ac-ft	CBP Allocation SR 1, 2 & 3 Ac-ft.	Accretion Exchange from SMRC SR1 & SR2 Ac-Ft.	Accretion Exchange From SMRC SR 3 Ac-ft.	Total
1	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
2	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
3	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
4	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
5	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
6	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
7	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
8	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
9	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
10	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
11	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
12	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
13	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
14	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
15	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
16	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
17	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
18	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
19	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
20	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
21	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
22	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
23	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
24	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
25	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
26	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
27	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
28	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
29	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
30	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
31	2.48	4.26	.19		0	0	0	0			6.93	0		6.93
Totals	77	132	6								215			215

*Negative Depletions were not utilized to remedy Stream Reach 1 or 2 depletions.

Table 2: District 20 Rio Grande River Call for December 2018 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

Table 2

December	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	Compact	Compact	No Forbearance in December 2018
2	Compact	Compact	0
3	Compact	Compact	0
4	Compact	Compact	0
5	Compact	Compact	0
6	Compact	Compact	0
7	Compact	Compact	0
8	Compact	Compact	0
9	Compact	Compact	0
10	Compact	Compact	0
11	Compact	Compact	0
12	Compact	Compact	0
13	Compact	Compact	0
14	Compact	Compact	0
15	Compact	Compact	0
16	Compact	Compact	0
17	Compact	Compact	0
18	Compact	Compact	0
19	Compact	Compact	0
20	Compact	Compact	0
21	Compact	Compact	0
22	Compact	Compact	0
23	Compact	Compact	0
24	Compact	Compact	0
25	Compact	Compact	0
26	Compact	Compact	0
27	Compact	Compact	0
28	Compact	Compact	0
29	Compact	Compact	0
30	Compact	Compact	0
31	Compact	Compact	0

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