



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: 4-11-2018

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of March, 2018. As per the Terms and Condition No. 6 of the 2017 Annual Replacement Plan Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Dick Wolfe May 1st, 2017, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of March 2018 Replacement Water Operations:

Under the direction of the Division 3 Division Engineer and the District 20 Water Commissioner, Subdistrict No. 1 continued replacing stream reach depletions on the Rio Grande for the month of March on a daily basis. This report identifies actual depletion obligations for Subdistrict No. 1 from the approved, revised July 6, 2017 Response Functions for the Subdistricts 2017 ARP. On March 1st, the Subdistrict's replacement operations resumed with Closed Basin Project (CBP) allocation releases to the Rio Grande replacing Stream Reach 1 and 2 depletion obligations on the river. There were no positive Stream Reach 3 depletions identified in the response functions in March, but rather accretions back to the river within this reach. On March 26th, the ditches on the Rio Grande began diverting water for the 2018 Irrigation Season. In anticipation of this, Subdistrict No. 1 began a reservoir release on March 25th from the approved Williams Creek Squaw Pass TM replacement water pool held at Rio Grande Reservoir in the amount of 2.59 ac-ft. / day including transit loss to begin replacing projected depletion obligations in Stream Reach 1 and 2. Colorado will not have a compact curtailment or delivery obligation on the Rio Grande this irrigation season, therefore any negative stream depletions for Stream Reach 3 will not be used to remedy Stream Reach 2 depletions. The balance of the Subdistrict No. 1 CBP allocation available for replacement water for the 2017 Annual Replacement Plan as of the end of March is 479.63 ac-ft.

The following Tables 1 and 2 illustrate the Subdistrict water replacement plan operations on a daily basis during March, 2018. Detailed accounting for daily administration can 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 1.5 in the accepted 2017 Annual Report: Subdistrict No. 1 Monthly Stream Replacement Obligation for 2017 ARP Year submitted to the Colorado State Engineer's Office on March 1, 2017. March 2018 Depletion Obligation Total: 80.0 ac-ft. March 2018 Replacement Operation Total: 80.0 ac-ft. (all units' are in acre feet)

Table 1

<i>Date</i>	<i>Depletion Obligation</i>										
March	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Forbear SLVID SR 1&2 Ac-ft.	Forbear SLVC SR 1&2 Ac-ft.	Forbear MVC SR 1&2 Ac-ft.	CPW Tabor Ditch 2 TM SR 1&2 Ac-ft.	Exchange from SR 3 to SR 2 Unavailable	Williams Cr. Squaw TM SR 1&2 Ac-ft.	CBP Allocation SR 1-2-3 Ac-ft.	Compact Substitution SR 1&2 Ac-ft.
1	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
2	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
3	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
4	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
5	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
6	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
7	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
8	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
9	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
10	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
11	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
12	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
13	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
14	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
15	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
16	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
17	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
18	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
19	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
20	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
21	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
22	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
23	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
24	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
25	1.1	1.84	-0.35	0	0	0	0		0	2.59	0
26	1.1	1.84	-0.35	0	0	0	0	-0.35*	2.94		0
27	1.1	1.84	-0.35	0	0	0	0	-0.35*	2.94		0
28	1.1	1.84	-0.35	0	0	0	0	-0.35*	2.94		0
29	1.1	1.84	-0.35	0	0	0	0	-0.35*	2.94		0
30	1.1	1.84	-0.35	0	0	0	0	-0.35*	2.94		0
31	1.1	1.84	-0.35	0	0	0	0	-0.35*	2.94		0
Totals	34.0	57.0	-11.0	0	0	0	0	-2.1*	17.64	64.75	0

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

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

Table 2

<i>March</i>	<i>Last Priority Served From Direct Flow</i>	<i>District 20 Ditch / Reservoir Being Served</i>	<i>Max CFS in Priority During Forbearance</i>
1	Compact	Compact	No Forbearance in March 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	216-A	Rio Grande	89.6
27	216-A	Rio Grande	89.6
28	216-A	Rio Grande	128.3
29	216-A	Rio Grande	145.8
30	216-A	Rio Grande	138.0
31	216-A	Rio Grande	150.8

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

Marisa Fricke
Program Manager, RGWCD

Office Phone: 719-589-6301
Cell Phone: 719-588-5605