



## 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: 6-8-2018

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of May, 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 1<sup>st</sup>, 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 May 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 May on a daily basis pursuant to the amounts presented in the Subdistrict's 2017 Annual Replacement Plan (ARP). Subdistrict No. 1's Replacement Water Plan began with a release from the approved Williams Creek Squaw Pass TM replacement water pool held at Rio Grande Reservoir on April 30<sup>th</sup>, 2018, in the amount including transit loss of 3.99 ac-ft. /day for injurious depletion obligations in Stream Reach 1 and 2 on the Rio Grande. Subdistrict No.1 continued to do a monthly release from the Santa Maria reservoir per the SMRC SWSP ID 5491 from the Division of Water Resources for 2017 leased shares by Subdistrict No. 1. The monthly released amount for May-October (6 months) will be .305 ac-ft. May's accretion release took place on May 30<sup>th</sup> for delivery on May 31, 2018.

The following Tables 1 and 2 illustrate the Subdistrict water replacement plan operations on a daily basis during May 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 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. May 2018 Depletion Obligation Total: 104.0 ac-ft. May 2018 Replacement Operation Total: 108.278 ac-ft. (all units' are in acre feet)

Table 1														
Date	Depletion Obligation													
May	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Required 2017 AR	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.	Compact Substitution SR 1&2 Ac-ft.	Accretions Exchange from SMRC SR 1 & 2 Ac-ft.	Accretions Exchange From SMRC SR 3 Ac-ft.	Total
1	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
2	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
3	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
4	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
5	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
6	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
7	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
8	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
9	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
10	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
11	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
12	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
13	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
14	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
15	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
16	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
17	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
18	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
19	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
20	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
21	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
22	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
23	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
24	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
25	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
26	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
27	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
28	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
29	1.645	1.838	-.129		0	0	0	0		3.483	0			3.483
30	1.645	1.838	-.129		0	0	0	0		3.483	0	.305		3.788
31	1.645	1.838	-.129		0	0	0	0		3.483				3.483
Totals	51	57	-4	104	0	0	0	0		107.973		.305		108.278

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

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

**Table 2**

<b>May</b>	<b>Last Priority Served From Direct Flow</b>	<b>District 20 Ditch / Reservoir Being Served</b>	<b>Max CFS in Priority During Forbearance</b>
1	293	COSTILLA D (RIO GRANDE)	<b>No Forbearance in May 2018</b>
2	241	RIO GRANDE PIEDRA VLY D (RIO GRANDE)	0
3	236-A	EMPIRE CNL (RIO GRANDE)	0
4	236-A	EMPIRE CNL (RIO GRANDE)	0
5	224	MONTE VISTA CNL (RIO GRANDE)	0
6	236-A	EMPIRE CNL (RIO GRANDE)	0
7	236-A	EMPIRE CNL (RIO GRANDE)	0
8	270	SAN LUIS VALLEY CNL (RIO GRANDE)	0
9	358	MONTE VISTA CNL (RIO GRANDE)	0
10	361-B	EMPIRE CNL (RIO GRANDE)	0
11	365	RIO GRANDE CNL (RIO GRANDE)	0
12	365	RIO GRANDE CNL (RIO GRANDE)	0
13	358	MONTE VISTA CNL (RIO GRANDE)	0
14	305	BILLINGS D (RIO GRANDE)	0
15	293	COSTILLA D (RIO GRANDE)	0
16	288-A	RIO GRANDE CNL (RIO GRANDE)	0
17	276-A	RIO GRANDE CNL (RIO GRANDE)	0
18	293	COSTILLA D (RIO GRANDE)	0
19	293	COSTILLA D (RIO GRANDE)	0
20	263	STAR D (RIO GRANDE)	0
21	236-A	EMPIRE CNL (RIO GRANDE)	0
22	236-A	EMPIRE CNL (RIO GRANDE)	0
23	236-A	EMPIRE CNL (RIO GRANDE)	0
24	236-A	EMPIRE CNL (RIO GRANDE)	0
25	236-A	EMPIRE CNL (RIO GRANDE)	0
26	236-A	EMPIRE CNL (RIO GRANDE)	0
27	236-A	EMPIRE CNL (RIO GRANDE)	0
28	236-A	EMPIRE CNL (RIO GRANDE)	0
29	224	MONTE VISTA CNL (RIO GRANDE)	0
30	224	MONTE VISTA CNL (RIO GRANDE)	0
31	224	MONTE VISTA CNL (RIO GRANDE)	0

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