



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 5-9-2018

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of April, 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 April 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 April on a daily basis pursuant to the amounts presented in the Subdistrict's 2017 Annual Report (AR) approved on March 23, 2018. 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 March 31<sup>st</sup>, 2018, in the amount including transit loss of 3.13 ac-ft per day for injurious depletion obligations in Stream Reach 1 and 2 on the Rio Grande. In addition, a total of 10 ac-ft. was released 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 first release occurred on April 5<sup>th</sup> in the amount of 7.5 ac-ft. to cover the return flows during winter storage for January-March 31, 2018 and the second and final release for the 2017 leases occurred on April 30<sup>th</sup> for 2.5 ac-ft.

The following Tables 1 and 2 illustrate the Subdistrict water replacement plan operations on a daily basis during April 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 AR Year submitted to the Colorado State Engineer’s Office on March 23, 2018. April 2018 Depletion Obligation Total: 76.0 ac-ft. April 2018 Replacement Operation Total: 104.0 ac-ft. (all units’ are in acre feet)

Date		Depletion Obligation			Table 1									
April	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	William s 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	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
2	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
3	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
4	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
5	1.53	1.6	-0.6		0	0	0	0		3.13	0	7.1	.40	10.63
6	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
7	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
8	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
9	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
10	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
11	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
12	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
13	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
14	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
15	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
16	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
17	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
18	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
19	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
20	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
21	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
22	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
23	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
24	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
25	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
26	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
27	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
28	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
29	1.53	1.6	-0.6		0	0	0	0		3.13	0			3.13
30	1.53	1.6	-0.6		0	0	0	0		3.13	0	2.5		5.63
<b>Totals</b>	<b>46</b>	<b>48</b>	<b>-18*</b>	<b>76.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>94</b>		<b>9.6</b>	<b>.40</b>	<b>104</b>

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

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

**Table 2**

<b>April</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	216-A	Rio Grande Canal (RGC)	<b>No Forbearance in April 2018</b>
2	216-A	Rio Grande Canal (RGC)	0
3	216-A	Rio Grande Canal (RGC)	0
4	216-A	Rio Grande Canal (RGC)	0
5	216-A	Rio Grande Canal (RGC)	0
6	216-A	Rio Grande Canal (RGC)	0
7	216-A	Rio Grande Canal (RGC)	0
8	216-A	Rio Grande Canal (RGC)	0
9	236-A	EMPIRE CNL (RIO GRANDE)	0
10	224	MONTE VISTA CNL (RIO GRANDE)	0
11	236-A	EMPIRE CNL (RIO GRANDE)	0
12	236-A	EMPIRE CNL (RIO GRANDE)	0
13	224	MONTE VISTA CNL (RIO GRANDE)	0
14	216-A	Rio Grande Canal (RGC)	0
15	216-A	Rio Grande Canal (RGC)	0
16	216-A	Rio Grande Canal (RGC)	0
17	217	RIO GRANDE LARIAT D (RIO GRANDE)	0
18	216-A	Rio Grande Canal (RGC)	0
19	216-A	Rio Grande Canal (RGC)	0
20	224	MONTE VISTA CNL (RIO GRANDE)	0
21	217	RIO GRANDE LARIAT D (RIO GRANDE)	0
22	216-A	Rio Grande Canal (RGC)	0
23	217	RIO GRANDE LARIAT D (RIO GRANDE)	0
24	224	MONTE VISTA CNL (RIO GRANDE)	0
25	236-A	EMPIRE CNL (RIO GRANDE)	0
26	241	RIO GRANDE PIEDRA VLY D (RIO GRANDE)	0
27	276-A	Rio Grande Canal (RGC)	0
28	301	PFEIFFER D (RIO GRANDE)	0
29	293	COSTILLA D (RIO GRANDE)	0
30	314	FARMERS UNION CNL (RIO GRANDE)	0

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

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