



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 6-8-2017

RE: Subdistrict No. 1 Replacement Water Accounting for the month of May, 2017.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of May, 2017. As per the Terms and Condition No. 7 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, 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 2017 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. 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, 2017, in the amount including transit loss of 4.74 ac-ft. /day for injurious depletion obligations in Stream Reach 1 and 2 on the Rio Grande. The release from Rio Grande Reservoir to the river continued each day for the entire month replacing projected depletion obligations in Stream Reach 1 and 2 for the Subdistrict. There was a total of 1.0 acre foot of Subdistrict, projected depletion obligation in Stream Reach 3 for the month and it was paid entirely by Closed Basin Project releases to the river.

The following Tables 1 and 2 illustrate the Subdistrict water replacement plan operations on a daily basis during May, 2017. 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 projected depletions for the month of May 2017 as per Table 2.6, Subdistrict No. 1 Monthly Net Stream Depletions for the Plan Year, located in the approved 2017 ARP and daily replacement source to meet that depletion: May 2017 projected depletion total: 129.0 ac-ft. May 2017 replacement operation total: 129.0 ac-ft. (All units' are in acre feet)

**Table 1**

<i>Date</i>	<i>Depletion Obligation</i>			<i>SD #1 Replacement Water Sources</i>							
May	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.	Williams Cr. Squaw TM SR 1&2 Ac-ft.	CBP Allocation SR 3 Ac-ft.	Compact Substitution SR 1&2 Ac-ft.	Accretions SR 3 Ac-ft.
1	1.81	2.32	0.04	0	0	0	0	4.13	0.04	0	
2	1.81	2.32	0.04	0	0	0	0	4.13	0.04	0	
3	1.81	2.32	0.04	0	0	0	0	4.13	0.04	0	
4	1.81	2.32	0.04	0	0	0	0	4.13	0.04	0	
5	1.81	2.32	0.04	0	0	0	0	4.13	0.04	0	
6	1.81	2.32	0.04	0	0	0	0	4.13	0.04	0	
7	1.81	2.32	0.04	0	0	0	0	4.13	0.04	0	
8	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
9	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
10	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
11	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
12	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
13	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
14	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
15	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
16	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
17	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
18	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
19	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
20	1.81	2.32	0.03	0	0	0	0	4.13	0.03	0	
21	1.80	2.32	0.03	0	0	0	0	4.12	0.03	0	
22	1.80	2.32	0.03	0	0	0	0	4.12	0.03	0	
23	1.80	2.32	0.03	0	0	0	0	4.12	0.03	0	
24	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
25	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
26	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
27	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
28	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
29	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
30	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
31	1.80	2.33	0.03	0	0	0	0	4.13	0.03	0	
Totals	56.0	72.0	1.0	0	0	0	0	128.0	1.0	0	

**Table 2:** District 20 Rio Grande River Call for May 2017 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

**Table 2**

<i>May</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	236-A	Empire Canal	No Forbearance in May 2017
2	236-A	Empire Canal	0
3	236-A	Empire Canal	0
4	236-A	Empire Canal	0
5	236-A	Empire Canal	0
6	297	Prairie Ditch	0
7	361-B	Empire Canal	0
8	03-22B	San Luis Valley Canal(SLVC)	0
9	03-22C	Prairie Ditch	0
10	03-22B	SLVC	0
11	03-22B	SLVC	0
12	03-12A	Rio Grande Canal(RGC)	0
13	03-22B	SLVC	0
14	03-30F	Farmers Union Canal	0
15	03-30F	Farmers Union Canal	0
16	03-30F	Farmers Union Canal	0
17	03-30C	RGC	0
18	03-24D	SLVC	0
19	03-17A	Prairie Ditch	0
20	361-A	Empire Canal	0
21	361-A	Empire Canal	0
22	358	Monte Vista Canal(MVC)	0
23	358	MVC	0
24	358	MVC	0
25	363-A	RGC	0
26	365	RGC	0
27	03-22C	Prairie Ditch	0
28	03-22C	Prairie Ditch	0
29	03-22E	Farmers Union Canal	0
30	03-22A	MVC	0
31	03-24F	Farmers Union Canal	0

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

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