



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 7-10-2017

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of June, 2017. As per the Terms and Condition No. 7 of the 2017 Annual Replacement Plan(ARP) 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 June 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 June on a daily basis pursuant to the amounts presented in the Subdistrict's 2017 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 May 31st in the amount including transit loss of 3.30 ac-ft. /day for projected depletion obligations beginning June 1st in Stream Reach 1 and 2 on the Rio Grande. The release amount from Rio Grande Reservoir to the river continued through June 7th at which time the Division 3 Division Engineer granted Subdistrict No. 1 permission to exchange the negative projected depletion in Stream Reach 3 identified in the 2017 ARP upstream to offset Stream Reach 2 depletions on a daily basis. On June 8, a release including transit loss of 2.98 ac-ft. /day was made from the same approved pool at Rio Grande Reservoir to replace the remaining Stream Reach 1 and 2 depletions after the exchange upstream was conducted under the protocol of the Division Engineer. If the calling water right was located in Stream Reach 2 on any given day during the exchange operations, the total projected depletion for Stream Reach 1 and 2 was diverted in the ditch with the balance of 0.27 ac-ft. /day coming from the Compact Substitution process. There were a total of 8.0 acre feet of projected returns for Subdistrict No. 1 to Stream Reach 3 for the month of June.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during June, 2017. 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 projected depletions for the month of June 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: June 2017 projected depletion total: 78.0 ac-ft. June 2017 replacement operation total: 80.68 ac-ft. (All units' are in acre feet)

Table 1

<i>Date</i>	<i>Depletion Obligation</i>			<i>SD #1 Replacement Water Sources</i>							
June	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.	Accretion Exchange SR 1&2 Ac-ft.
1	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
2	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
3	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
4	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
5	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
6	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
7	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
8	1.17	1.70	-0.27	0	0	0	0	2.87	0	0	
9	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
10	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
11	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
12	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
13	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
14	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
15	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
16	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
17	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
18	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
19	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
20	1.17	1.70	-0.27	0	0	0	0	2.60	0	0	0.27
21	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
22	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
23	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
24	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
25	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
26	1.16	1.70	-0.26	0	0	0	0	2.60	0	0.26	
27	1.16	1.70	-0.26	0	0	0	0	2.60	0	0.26	
28	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
29	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
30	1.16	1.70	-0.26	0	0	0	0	2.60	0	0	0.26
Totals	35.0	51.0	-8.0	0	0	0	0	80.16	0	0.52	0.78

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

Table 2

<i>June</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	03-24F	Farmers Union Canal	No Forbearance in June 2017
2	03-24F	Farmers Union Canal	0
3	03-24F	Farmers Union Canal	0
4	03-30C	Rio Grande Canal(RGC)	0
5	03-34G	Farmers Union Canal	0
6	03-41D	Prairie Ditch	0
7	03-37B	RGC	0
8	03-34G	Farmers Union Canal	0
9	03-41D	Prairie Ditch	0
10	03-37C	SLVC	0
11	03-34G	Farmers Union Canal	0
12	03-30C	RGC	0
13	03-22E	Farmers Union Canal	0
14	365	RGC	0
15	361-B	Empire Canal	0
16	361-B	Empire Canal	0
17	361-B	Empire Canal	0
18	363-A	RGC	0
19	365	RGC	0
20	363-B	RGC	0
21	361-B	Empire Canal	0
22	358	Monte Vista Canal	0
23	314	Farmers Union Canal	0
24	312-A	RGC	0
25	298	Rio Grande San Luis Ditch	0
26	293	Costilla Ditch	0
27	274	Westside Ditch	0
28	236-A	Empire Canal	0
29	236-A	Empire Canal	0
30	236-A	Empire Canal	0

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

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