



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 8-08-2017

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of July, 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 July 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 July on a daily basis pursuant to the amounts presented in the Subdistrict's 2017 ARP. July'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 June 30 in the amount including transit loss of 2.09 ac-ft./day for projected depletion obligations beginning July 1 in Stream Reach 1 and 2 on the Rio Grande. This release continued through July 18. On July 19, the Division 3 Division Engineer granted Subdistrict No. 1 permission to increase replacement water releases to Stream Reach No. 1 and 2 up to 4.58 ac-ft./day. This decision was a result of updated depletion projections identified in the Subdistrict No. 1, 2017 ARP Revised July 6, 2017, Response Functions submitted to the State Engineer July 18, 2017, on account of the 60,000 acre feet reduction of the April 1 forecasted annual flow of the Rio Grande posted in the July 3, 2017, Rio Grande Ten Day Report. The release continued until July 24 at which time the Subdistrict requested to make the daily releases to the river from the approved SLVID Tabor Ditch 2 TM account held in Rio Grande Reservoir in the same amount. The release from this account continued through the end of the month. There were a total of 10.0 acre feet of projected depletion obligations to Stream Reach 3 for the month of July identified in the original 2017 ARP. From July 1 through July 19, 6.13 acre feet was released from the Closed Basin Project canal to the Rio Grande for Subdistrict No. 1 replacements. On July 20, releases to the Rio Grande from the project on the Subdistrict's behalf seized on account of the revised projected depletions that identified no depletion obligations for the month of July in Stream Reach 3.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during July, 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 July 2017 as per Table 2.6, Subdistrict No. 1 Monthly Net Stream Depletions for the Plan Year, located in the approved 2017 ARP, as well as the July 6 Revision, and daily replacement source to meet that depletion: Original 2017 ARP July projected depletion total: 65.0 ac-ft. July 2017 replacement operation total: 88.18 ac-ft. (All units' are in acre feet)

Table 1

<i>Date</i>	<i>Depletion Obligation</i>			<i>SD #1 Replacement Water Sources</i>							
July	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.	SLVID Tabor D 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	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
2	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
3	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
4	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
5	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
6	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
7	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
8	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
9	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
10	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
11	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
12	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
13	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
14	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
15	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
16	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
17	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
18	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
19	0.03	1.74	0.32	0	0	0	0	1.77	0.32	0	0
20	2.52	1.52	0	0	0	0	0	4.04	0	0	0
21	2.52	1.52	0	0	0	0	0	4.04	0	0	0
22	2.52	1.52	0	0	0	0	0	4.04	0	0	0
23	2.52	1.52	0	0	0	0	0	4.04	0	0	0
24	2.52	1.52	0	0	0	0	0	4.04	0	0	0
25	2.52	1.52	0	0	0	0	4.04	0	0	0	0
26	2.52	1.52	0	0	0	0	4.04	0	0	0	0
27	2.52	1.52	0	0	0	0	4.04	0	0	0	0
28	2.52	1.52	0	0	0	0	4.04	0	0	0	0
29	2.52	1.52	0	0	0	0	4.04	0	0	0	0
30	2.52	1.52	0	0	0	0	4.04	0	0	0	0
31	2.52	1.52	0				4.04	0	0	0	0
Totals	30.8	51.3	6.08	0	0	0	28.3	53.8	6.08	0	0

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

Table 2

<i>July</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 July 2017
2	236-A	Empire Canal	0
3	224	Monte Vista Canal (MVC)	0
4	224	MVC	0
5	224	MVC	0
6	224	MVC	0
7	217	RG Lariat Ditch	0
8	216-A	Rio Grande Canal (RGC)	0
9	216-A	RGC	0
10	216-A	RGC	0
11	216-A	RGC	0
12	216-A	RGC	0
13	216-A	RGC	0
14	220	Rio Grande San Luis Ditch(RG SL)	0
15	220	RG SL	0
16	236-A	Empire Canal	0
17	224	MVC	0
18	220	RG SL	0
19	217	RG Lariat Ditch	0
20	216-A	RGC	0
21	216-A	RGC	0
22	216-A	RGC	0
23	224	MVC	0
24	224	MVC	0
25	220	RG SL	0
26	224	MVC	0
27	236-A	Empire Canal	0
28	239	Silva Ditch	0
29	236-A	Empire Canal	0
30	236-A	Empire Canal	0
31	259	Westside Ditch	0

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

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