



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: 9-08-2017

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of August, 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 August 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 August on a daily basis pursuant to the amounts presented in the approved, revised July 6, 2017 Response Functions for the Subdistrict's 2017 ARP. August's replacement water plan began with a release to the river from the San Luis Valley Irrigation District (SLVID) Tabor Ditch 2 trans-mountain water account held in Rio Grande Reservoir on July 31st in the amount including transit loss of 4.02 ac-ft. /day for projected depletion obligations beginning August 1 in Stream Reach 1 and 2 on the Rio Grande. This release continued through August 5, 2017. On August 6, 2017, a release to the river in the same amount per day was conducted from the Colorado Parks and Wildlife (CPW) Tabor Ditch 2 trans-mountain water account held in Rio Grande Reservoir and continued each day through the end of the month fulfilling the daily projected obligations in Stream Reach 1 and 2. There were a total of 2.0 acre feet of projected depletion obligations to Stream Reach 3 for the month of August identified in the revised July 6 Response Functions and they were replaced in their entirety by Closed Basin Project allocation release to the river on the Subdistrict's behalf.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during August, 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 August 2017 as per Table 2.6, Subdistrict No. 1 Monthly Net Stream Depletions for the Plan Year, located in the July 6, 2017 revision, and daily replacement source to meet that depletion: August projected depletion total: 112.0 ac-ft. August replacement operation total: 112.0 ac-ft.
(All units' are in acre feet)

Table 1

<i>Date</i>	<i>Depletion Obligation</i>			<i>SD #1 Replacement Water Sources</i>							
August	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.	CPW Tabor D 2 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	2.35	1.19	0.06	0	0	0	3.54	0	0.06	0	0
2	2.35	1.19	0.06	0	0	0	3.54	0	0.06	0	0
3	2.35	1.19	0.06	0	0	0	3.54	0	0.06	0	0
4	2.35	1.19	0.06	0	0	0	3.54	0	0.06	0	0
5	2.35	1.19	0.06	0	0	0	3.54	0	0.06	0	0
6	2.35	1.19	0.06	0	0	0	3.54	0	0.06	0	0
7	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
8	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
9	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
10	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
11	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
12	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
13	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
14	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
15	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
16	2.35	1.19	0.06	0	0	0	0	3.54	0.06	0	0
17	2.36	1.19	0.06	0	0	0	0	3.55	0.06	0	0
18	2.36	1.19	0.07	0	0	0	0	3.55	0.07	0	0
19	2.36	1.19	0.07	0	0	0	0	3.55	0.07	0	0
20	2.36	1.19	0.07	0	0	0	0	3.55	0.07	0	0
21	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
22	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
23	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
24	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
25	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
26	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
27	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
28	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
29	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
30	2.36	1.20	0.07	0	0	0	0	3.56	0.07	0	0
31	2.36	1.20	0.07				0	3.56	0.07	0	0
Totals	73.0	37.0	2.0	0	0	0	21.24	88.76	2.0	0	0

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

Table 2

<i>August</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	262	Excelsior Canal	No Forbearance in August 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	236-A	Empire Canal	0
7	236-A	Empire Canal	0
8	236-A	Empire Canal	0
9	236-A	Empire Canal	0
10	236-A	Empire Canal	0
11	236-A	Empire Canal	0
12	236-A	Empire Canal	0
13	236-A	Empire Canal	0
14	236-A	Empire Canal	0
15	224	Monte Vista Canal	0
16	224	Monte Vista Canal	0
17	217	RG Lariat	0
18	216-A	Rio Grande Canal (RGC)	0
19	216-A	RGC	0
20	216-A	RGC	0
21	216-A	RGC	0
22	216-A	RGC	0
23	216-A	RGC	0
24	216-A	RGC	0
25	216-A	RGC	0
26	216-A	RGC	0
27	216-A	RGC	0
28	216-A	RGC	0
29	216-A	RGC	0
30	209	Billings Ditch	0
31	198	RGC Senior	0

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

Rob Phillips
Program Manager, RGWCD

Office Phone: 719-589-6301
Cell Phone: 719-588-5605