



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 10-09-2017

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of September, 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 September 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 September on a daily basis pursuant to the amounts presented in the approved, revised July 6, 2017 Response Functions for the Subdistrict's 2017 ARP. September's replacement water plan began with a release to the river from the approved Colorado Parks and Wildlife (CPW) Tabor Ditch 2 trans-mountain water account held in Rio Grande Reservoir on August 31<sup>st</sup> in the amount including transit loss of 4.09 ac-ft. /day for projected depletion obligations beginning September 1 in Stream Reach 1 and 2 on the Rio Grande. This release continued each day through the end of the month fulfilling the daily projected obligations in Stream Reach 1 and 2. There was a total of 1.0 acre foot of projected depletion obligation to Stream Reach 3 for the month of September identified in the revised July 6 Response Functions and it was replaced in its entirety by Closed Basin Project allocation releases 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 September, 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 September 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: September projected depletion total: 109.0 ac-ft. September replacement operation total: 109.0 ac-ft.  
(All units' are in acre feet)

**Table 1**

<i>Date</i>	<i>Depletion Obligation</i>			<i>SD #1 Replacement Water Sources</i>							
<b>September</b>	<b>SR-1 Ac-ft.</b>	<b>SR-2 Ac-ft.</b>	<b>SR-3 Ac-ft.</b>	<b>Forbear SLVID SR 1&amp;2 Ac-ft.</b>	<b>Forbear SLVC SR 1&amp;2 Ac-ft.</b>	<b>Forbear MVC SR 1&amp;2 Ac-ft.</b>	<b>SLVID Tabor D 2 TM SR 1&amp;2 Ac-ft.</b>	<b>CPW Tabor D 2 TM SR 1&amp;2 Ac-ft.</b>	<b>CBP Allocation SR 3 Ac-ft.</b>	<b>Compact Substitution SR 1&amp;2 Ac-ft.</b>	<b>Accretion Exchange SR 1&amp;2 Ac-ft.</b>
1	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
2	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
3	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
4	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
5	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
6	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
7	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
8	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
9	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
10	2.27	1.34	0.04	0	0	0	0	3.61	0.04	0	0
11	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
12	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
13	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
14	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
15	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
16	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
17	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
18	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
19	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
20	2.27	1.33	0.03	0	0	0	0	3.60	0.03	0	0
21	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
22	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
23	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
24	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
25	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
26	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
27	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
28	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
29	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
30	2.26	1.33	0.03	0	0	0	0	3.59	0.03	0	0
<b>Totals</b>	<b>68.0</b>	<b>40.0</b>	<b>1.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>108.0</b>	<b>1.0</b>	<b>0</b>	<b>0</b>

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

**Table 2**

<i>September</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	198	Rio Grande Canal (RGC)	No Forbearance in September 2017
2	197	RGC	0
3	198	RGC	0
4	199	Park and Green Ditch	0
5	198	RGC	0
6	198	RGC	0
7	197	RGC	0
8	198	RGC	0
9	197	RGC	0
10	197	RGC	0
11	197	RGC	0
12	198	RGC	0
13	202	RGC	0
14	204	Rio Grande / San Luis Ditch	0
15	216-A	RGC	0
16	216-A	RGC	0
17	216-A	RGC	0
18	216-A	RGC	0
19	216-A	RGC	0
20	216-A	RGC	0
21	209	Fish Ditch	0
22	209	Billings Ditch	0
23	216-A	RGC	0
24	220	Rio Grande / San Luis Ditch	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	224	Monte Vista Canal	0

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

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