



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 10-10-2018

RE: Subdistrict No. 1 Replacement Water Accounting for the month of September, 2018.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of September, 2018. As per the Terms and Condition No. 7 of the 2018 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Kevin Rein April 30, 2018, 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 2018 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 Subdistrict's 2018 ARP. Subdistrict No.1 September replacement Water Plan began with a release to the river from the approved Williams Creek Squaw Pass trans-mountain water account held in Rio Grande Reservoir on August 31<sup>st</sup> in the amount including transit loss of 4.98 ac-ft. /day for projected depletion obligations beginning September 1 in Stream Reach 1 and 2 on the Rio Grande. Subdistrict No. 1 continued to do a monthly release from the Santa Maria reservoir per the SMRC SWSP ID 5491 from the Division of Water Resources for 2017 leased shares by Subdistrict No. 1. The monthly released amount for May-October (6 months) will be .305 ac-ft. August's accretion release took place on September 29<sup>st</sup> for delivery on September 30<sup>st</sup>.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during September, 2018. 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 depletions per Table 2.6 in the accepted 2018 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2018 ARP Year submitted to the Colorado State Engineer's Office on April 13, 2018. September 2018 Depletion Obligation Total: 132 ac-ft. August 2018 Replacement Operation Total: 132.275 ac-ft (all units' are in acre feet).

<i>Date</i>	<i>Depletion Obligation</i>				<b>Table 1</b>						<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>Total Required 2018 ARP</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>Exchange from SR 3 to SR 2 UNAVAILABLE</b>	<b>William Cr. Squaw TM SR 1 &amp; 2 Ac-ft</b>	<b>CBP Allocation SR 3 Ac-ft.</b>	<b>Accretion Exchange from SMRC SR1 &amp; SR2 Ac-Ft.</b>	<b>Accretion Exchange From SMRC SR 3 Ac-ft.</b>	<b>Total</b>
1	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
2	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
3	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
4	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
5	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
6	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
7	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
8	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
9	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
10	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
11	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
12	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
13	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
14	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
15	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
16	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
17	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
18	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
19	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
20	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
21	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
22	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
23	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
24	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
25	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
26	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
27	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
28	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
29	3.033	1.366	.63		0	0	0	0		4.399		0		4.399
30	3.033	1.366	.63		0	0	0	0		4.399		.305		4.704
<b>Totals</b>	<b>91</b>	<b>41</b>	<b>-19*</b>	<b>94</b>						<b>131.97</b>		<b>.305</b>		<b>132.275</b>

\*Negative Depletions were not utilized to remedy Stream Reach 1 or 2 depletions.

**Table 2:** District 20 Rio Grande River Call for August 2018 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

**Table 2**

<b>September</b>	<b>Last Priority Served From Direct Flow</b>	<b>District 20 Ditch / Reservoir Being Served</b>	<b>Max CFS in Priority During Forbearance</b>
<b>1</b>	74	EXCELSIOR D (RIO GRANDE)	<b>No Forbearance in September 2018</b>
<b>2</b>	74	EXCELSIOR D (RIO GRANDE)	<b>0</b>
<b>3</b>	81	OFF D (RIO GRANDE)	<b>0</b>
<b>4</b>	90	ANDERSON D (RIO GRANDE)	<b>0</b>
<b>5</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>6</b>	90	ANDERSON D (RIO GRANDE)	<b>0</b>
<b>7</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>
<b>8</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>9</b>	97	KANE CALLAN D (RIO GRANDE)	<b>0</b>
<b>10</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>11</b>	105	INDEPENDENT D 2 (RIO GRANDE)	<b>0</b>
<b>12</b>	105	INDEPENDENT D 2 (RIO GRANDE)	<b>0</b>
<b>13</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>14</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>
<b>15</b>	83	MCINTOSH ARROYA D (RIO GRANDE)	<b>0</b>
<b>16</b>	74	EXCELSIOR D (RIO GRANDE)	<b>0</b>
<b>17</b>	74	EXCELSIOR D (RIO GRANDE)	<b>0</b>
<b>18</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>
<b>19</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>20</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>21</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>22</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>
<b>23</b>	105	MINOR D (RIO GRANDE)	<b>0</b>
<b>24</b>	83	RIO GRANDE D 2 (RIO GRANDE)	<b>0</b>
<b>25</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>
<b>26</b>	90	ANDERSON D (RIO GRANDE)	<b>0</b>
<b>27</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>
<b>28</b>	97	KANE CALLAN D (RIO GRANDE)	<b>0</b>
<b>29</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>
<b>30</b>	90	ATKINS D (RIO GRANDE)	<b>0</b>

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

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