



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 5-10-2019

RE: Subdistrict No. 1 Replacement Water Accounting for the month of April, 2019.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of April, 2019. 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 April 2019 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 March on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2019 ARP. On April 1st, the ditches on the Rio Grande began diverting water for the 2019 Irrigation Season. In anticipation of this, Subdistrict No. 1 began a reservoir release on April 1st from the approved Williams Creek Squaw Pass TM replacement water pool in the amount of 5.4 ac-ft. / day to begin replacing projected depletion obligations in Stream Reach 1 and 2.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during April, 2019. 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. April 2019 Depletion Obligation Total: 162 ac-ft. 2018 Replacement Operation Total: 162 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>April</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</b>	<b>William Cr. Navajo TM SR 1 &amp; 2 Ac-ft</b>	<b>CBP Allocation SR 1, 2 &amp; 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	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
2	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
3	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
4	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
5	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
6	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
7	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
8	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
9	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
10	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
11	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
12	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
13	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
14	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
15	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
16	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
17	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
18	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
19	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
20	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
21	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
22	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
23	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
24	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
25	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
26	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
27	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
28	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
29	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
30	2.76	3.56	-0.93		0	0	0	0		5.40		0		5.40
<b>Totals</b>	<b>83</b>	<b>107</b>	<b>-28</b>	<b>162</b>						<b>162</b>				<b>162</b>

**Table 2:** District 20 Rio Grande River Call for April 2019 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

**Table 2**

<b>April</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>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>No Forbearance in April 2019</b>
<b>2</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>3</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>4</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>5</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>6</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>7</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>8</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>9</b>	236-A	EMPIRE CANAL (RIO GRANDE)	<b>0</b>
<b>10</b>	236-A	EMPIRE CANAL (RIO GRANDE)	<b>0</b>
<b>11</b>	236-A	EMPIRE CANAL (RIO GRANDE)	<b>0</b>
<b>12</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>13</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>14</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>15</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>16</b>	216-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>17</b>	224	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>
<b>18</b>	224	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>
<b>19</b>	236-A	EMPIRE CANAL (RIO GRANDE)	<b>0</b>
<b>20</b>	236-A	EMPIRE CANAL (RIO GRANDE)	<b>0</b>
<b>21</b>	274	WEST SIDE D (RIO GRANDE)	<b>0</b>
<b>22</b>	262	EXCELSIOR D (RIO GRANDE)	<b>0</b>
<b>23</b>	259	WEST SIDE D (RIO GRANDE)	<b>0</b>
<b>24</b>	236-A	EMPIRE CANAL (RIO GRANDE)	<b>0</b>
<b>25</b>	288-A	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>
<b>26</b>	349	BILLINGS D (RIO GRANDE)	<b>0</b>
<b>27</b>	358	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>
<b>28</b>	361-B	EMPIRE CNL (RIO GRANDE)	<b>0</b>
<b>29</b>	361-B	EMPIRE CNL (RIO GRANDE)	<b>0</b>
<b>30</b>	365	RIO GRANDE CANAL (RIO GRANDE)	<b>0</b>

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

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