



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 5-10-2021

RE: Subdistrict No. 1 Replacement Water Accounting for the month of April, 2021.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of April, 2021. As per the Terms and Condition No. 7 of the 2020 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 May 1, 2021, 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 2021 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 April on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2021 ARP. On April 1st, the ditches on the Rio Grande began diverting water for the 2021 Irrigation Season. In anticipation of this, Subdistrict No. 1 began a reservoir release on April 1st from the Santa Maria water pool stored in the Santa Maria Reservoir in the amount of .83 ac-ft. / day to begin replacing projected depletion obligations in Stream Reach 2. There were no positive depletions in Stream Reach 1 or 3 identified in the response function in April, but rather accretions back to the river within these reaches.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during April, 2021. 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 2021 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2021 ARP Year submitted to the Colorado State Engineer’s Office on April 15, 2021. April 2021 Depletion Obligation Total: 25 ac-ft. 2021 Replacement Operation Total: 25 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>April</b>	<b>SR-1 Ac-ft.</b>	<b>SR-2 Ac-ft.</b>	<b>SR-3 Ac-ft.</b>	<b>Total Required 2021 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>Santa Maria depletion Pool 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	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
2	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
3	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
4	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
5	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
6	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
7	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
8	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
9	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
10	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
11	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
12	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
13	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
14	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
15	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
16	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
17	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
18	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
19	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
20	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
21	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
22	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
23	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
24	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
25	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
26	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
27	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
28	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
29	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
30	-1.63	3.167	-0.7		0	0	0	0		.833		0		.833
<b>Totals</b>	<b>-49</b>	<b>95</b>	<b>-21</b>	<b>25</b>						<b>25</b>				<b>25</b>

**Table 2:** District 20 Rio Grande River Call for April 2021 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>	190	No Sheet available	<b>No Forbearance in April 2021</b>
<b>2</b>	211	LEASE,DAVIS AND BINGLE D (RIO GRANDE)	<b>0</b>
<b>3</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>4</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>5</b>	217	RIO GRANDE LARIAT D (RIO GRANDE)	<b>0</b>
<b>6</b>	224	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>
<b>7</b>	220	RIO GRANDE SAN LUIS D (RIO GRANDE)	<b>0</b>
<b>8</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>9</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>10</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>11</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>12</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>13</b>	217	RIO GRANDE LARIAT D (RIO GRANDE)	<b>0</b>
<b>14</b>	217	RIO GRANDE LARIAT D (RIO GRANDE)	<b>0</b>
<b>15</b>	217	RIO GRANDE LARIAT D (RIO GRANDE)	<b>0</b>
<b>16</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>17</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>18</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>19</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>20</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>21</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>22</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>23</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>24</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>25</b>	216-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>26</b>	220	RIO GRANDE SAN LUIS D (RIO GRANDE)	<b>0</b>
<b>27</b>	224	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>
<b>28</b>	224	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>
<b>29</b>	224	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>
<b>30</b>	224	MONTE VISTA CNL (RIO GRANDE)	<b>0</b>

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

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