



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 6-10-2021

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of May, 2021. As per the Terms and Condition No. 7 of the 2021 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 May 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 May on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2021 ARP. On May 1st, the ditches on the Rio Grande continued diverting water for the 2021 Irrigation Season. Subdistrict No. 1 began a reservoir release on May 1st from the Santa Maria water pool stored in the Santa Maria Reservoir in the amount of 1.87 ac-ft. / day to begin replacing projected depletion obligations in Stream Reach 2 and 3. There were no positive depletions in Stream Reach 1 identified in the response function in May, 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 May, 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. May 2021 Depletion Obligation Total: 58 ac-ft. 2021 Replacement Operation Total: 58 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>May</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</b>	<b>Santa Maria depletion Pool SR 2 &amp; 3 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	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
2	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
3	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
4	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
5	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
6	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
7	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
8	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
9	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
10	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
11	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
12	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
13	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
14	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
15	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
16	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
17	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
18	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
19	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
20	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
21	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
22	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
23	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
24	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
25	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
26	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
27	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
28	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
29	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
30	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
31	-1.4	3.23	.02		0	0	0	0		1.87		0		1.87
<b>Totals</b>	<b>-43.36</b>	<b>99.99</b>	<b>.83</b>	<b>58</b>						<b>58</b>				<b>58</b>

**Table 2:** District 20 Rio Grande River Call for May 2021 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

**Table 2**

<b>May</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>	236-A	EMPIRE CNL (RIO GRANDE)	<b>No Forbearance in May 2021</b>
<b>2</b>	276-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>3</b>	297	PRARIE D (RIO GRANDE)	<b>0</b>
<b>4</b>	293	COSTILLA D (RIO GRANDE)	<b>0</b>
<b>5</b>	262	EXCELSIOR D (RIO GRANDE)	<b>0</b>
<b>6</b>	270	SAN LUIS VALLEY CNL (RIO GRANDE)	<b>0</b>
<b>7</b>	314	FARMERS UNION CN (RIO GRANDE)	<b>0</b>
<b>8</b>	361-B	EMPIRE CNL (RIO GRANDE)	<b>0</b>
<b>9</b>	361-A	EMPIRE CNL (RIO GRANDE)	<b>0</b>
<b>10</b>	314	FARMERS UNION CN (RIO GRANDE)	<b>0</b>
<b>11</b>	297	PRAIRIE D (RIO GRANDE)	<b>0</b>
<b>12</b>	293	COSTILLA D (RIO GRANDE)	<b>0</b>
<b>13</b>	288-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>14</b>	293	COSTILLA D (RIO GRANDE)	<b>0</b>
<b>15</b>	314	FARMERS UNION CNL (RIO GRANDE)	<b>0</b>
<b>16</b>	361-A	EMPIRE CNL (RIO GRANDE)	<b>0</b>
<b>17</b>	363-A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>18</b>	363-B	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>19</b>	361-A	EMPIRE CNL (RIO GRANDE)	<b>0</b>
<b>20</b>	338 1/2A	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>21</b>	361-A	EMPIRE CNL (RIO GRANDE)	<b>0</b>
<b>22</b>	1903-22B	SAN LUIS VALLEY CNL (RIO GRANDE)	<b>0</b>
<b>23</b>	1903-22E	SAN LUIS VALLEY CNL (RIO GRANDE)	<b>0</b>
<b>24</b>	1903-22B	SAN LUIS VALLEY CNL (RIO GRANDE)	<b>0</b>
<b>25</b>	363	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>26</b>	1903-22A	RIO GRANDE LARIAT D (RIO GRANDE)	<b>0</b>
<b>27</b>	1903-22B	SAN LUIS VALLEY CNL (RIO GRANDE)	<b>0</b>
<b>28</b>	365	RIO GRANDE CNL (RIO GRANDE)	<b>0</b>
<b>29</b>	1903-22A	RIO GRANDE LARIAT D (RIO GRANDE)	<b>0</b>
<b>30</b>	1903-22A	RIO GRANDE LARIAT D (RIO GRANDE)	<b>0</b>
<b>31</b>	1903-22E	FARMERS UNION CNL (RIO GRANDE)	<b>0</b>

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

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