



## Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 2/6/2024

RE: Subdistrict No. 1 Replacement Water Accounting for the month of January 2024

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of January 2024. As per the Terms and Condition No. 8 of the 2023 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, 2023, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

### Synopsis of January 2024 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 January on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2023 ARP. Subdistrict No. 1 is using response function accretions from Stream Reach 1 (-192.7 AF) to offset Stream Reach 2 depletions (67.2 AF), using Table 2.5 from the 2023 ARP. The remainder of Stream Reach 1 accretions (-125.5 AF) and Stream Reach 3 accretions (-2.2 AF) were not used by Subdistrict No. 1 or any other Subdistrict.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during January 2024. 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 2.5 in the accepted 2023 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2023 ARP Year submitted to the Colorado State Engineer's Office on April 14, 2023. **January 2024 Depletion Obligation Total:** 67.2 ac-ft to Stream Reach 2; **January 2024 Replacement Operation Total:** Use of 67.2 ac-ft of Stream Reach 1 accretions to Stream Reach 2 (125.5 ac-ft of Stream Reach 1 accretions and 2.2 ac-ft of Stream Reach 3 accretions leftover).

**Table 2:** District 20 Rio Grande River Call for January 2024 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

**Table 1**

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>		
<b>January 2024</b>	<b>SR-1 Ac-ft.</b>	<b>SR-2 Ac-ft.</b>	<b>SR-3 Ac-ft.</b>	<b>Total Accretions left from SR-1 &amp; SR-3 (Ac-ft.)</b>	<b>SR-1 Accretion Exchange to SR-2 (Ac-ft.)</b>	<b>SR-1 Accretion Exchange to SR-2 (cfs)</b>	<b>Total Replacement (AF)</b>
<b>2023 ARP for January 2024</b>	<b>-192.7</b>	<b>67.2</b>	<b>-2.2</b>	<b>-127.70</b>	<b>67.2</b>		
1	-6.216	2.168	-0.079	-4.119	2.168	1.09	2.17
2	-6.216	2.168	-0.079	-4.119	2.168	1.09	2.17
3	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
4	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
5	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
6	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
7	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
8	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
9	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
10	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
11	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
12	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
13	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
14	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
15	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
16	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
17	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
18	-6.216	2.168	-0.079	-4.119	2.168	1.090	2.17
19	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
20	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
21	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
22	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
23	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
24	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
25	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
26	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
27	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
28	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
29	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
30	-6.216	2.168	-0.060	-4.119	2.168	1.090	2.17
31	-6.449	2.34	-0.060	-3.930	2.340	1.180	2.34
<b>Total (AF)</b>	<b>-192.93</b>	<b>67.38</b>	<b>-2.20</b>	<b>-127.50</b>	<b>67.38</b>	<b>67.20</b>	<b>67.38</b>

**Table 2**

<i>January 2024</i>	<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>		Rio Grande Compact	0
<b>2</b>		Rio Grande Compact	0
<b>3</b>		Rio Grande Compact	0
<b>4</b>		Rio Grande Compact	0
<b>5</b>		Rio Grande Compact	0
<b>6</b>		Rio Grande Compact	0
<b>7</b>		Rio Grande Compact	0
<b>8</b>		Rio Grande Compact	0
<b>9</b>		Rio Grande Compact	0
<b>10</b>		Rio Grande Compact	0
<b>11</b>		Rio Grande Compact	0
<b>12</b>		Rio Grande Compact	0
<b>13</b>		Rio Grande Compact	0
<b>14</b>		Rio Grande Compact	0
<b>15</b>		Rio Grande Compact	0
<b>16</b>		Rio Grande Compact	0
<b>17</b>		Rio Grande Compact	0
<b>18</b>		Rio Grande Compact	0
<b>19</b>		Rio Grande Compact	0
<b>20</b>		Rio Grande Compact	0
<b>21</b>		Rio Grande Compact	0
<b>22</b>		Rio Grande Compact	0
<b>23</b>		Rio Grande Compact	0
<b>24</b>		Rio Grande Compact	0
<b>25</b>		Rio Grande Compact	0
<b>26</b>		Rio Grande Compact	0
<b>27</b>		Rio Grande Compact	0
<b>28</b>		Rio Grande Compact	0
<b>29</b>		Rio Grande Compact	0
<b>30</b>		Rio Grande Compact	0
<b>31</b>		Rio Grande Compact	0

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

Taylor Chick  
Program Manager, RGWCD

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