



## Rio Grande Water Conservation District

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*Protecting & Conserving San Luis Valley Water*

Date: 2-8-2019

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of January, 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 January 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 December on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2018 ARP. On January 1<sup>st</sup>, the Subdistrict's Replacement Water Plan resumed with Closed Basin Project (CBP) allocation releases to the Rio Grande replacing all three Subdistrict No.1 projected stream reach obligations. Bureau of Reclamation staff attempted to keep the release rate from the CBP canal into the Rio Grande to at least 6.391 ac-ft./day to meet the daily obligation for the Subdistrict and were successful in doing so for the entire month of January. A request was made to the Division Engineer for the negative depletions from Stream Reach 3 for January and February to be aggregated with the positive depletions in Stream Reach 2, on a daily basis. This request was approved. The balance of the Subdistrict No.1 CBP allocation available for replacement water for the 2018 Annual Replacement Plan as of the end of January is 780.89 acre feet.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during January, 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. January 2019 Depletion Obligation Total: 198.121 ac-ft. 2018 Replacement Operation Total: 198.121 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>January</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. Squaw 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	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
2	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
3	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
4	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
5	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
6	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
7	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
8	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
9	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
10	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
11	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
12	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
13	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
14	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
15	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
16	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
17	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
18	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
19	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
20	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
21	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
22	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
23	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
24	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
25	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
26	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
27	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
28	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
29	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
30	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
31	2.52	4	-.129		0	0	0	0	-.129		6.391	0		6.391
<b>Totals</b>	<b>78</b>	<b>124</b>	<b>-4</b>						<b>-4</b>		<b>198.121</b>			<b>198.121</b>

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

**Table 2**

<b>January</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>	Compact	Compact	<b>No Forbearance in January 2019</b>
<b>2</b>	Compact	Compact	<b>0</b>
<b>3</b>	Compact	Compact	<b>0</b>
<b>4</b>	Compact	Compact	<b>0</b>
<b>5</b>	Compact	Compact	<b>0</b>
<b>6</b>	Compact	Compact	<b>0</b>
<b>7</b>	Compact	Compact	<b>0</b>
<b>8</b>	Compact	Compact	<b>0</b>
<b>9</b>	Compact	Compact	<b>0</b>
<b>10</b>	Compact	Compact	<b>0</b>
<b>11</b>	Compact	Compact	<b>0</b>
<b>12</b>	Compact	Compact	<b>0</b>
<b>13</b>	Compact	Compact	<b>0</b>
<b>14</b>	Compact	Compact	<b>0</b>
<b>15</b>	Compact	Compact	<b>0</b>
<b>16</b>	Compact	Compact	<b>0</b>
<b>17</b>	Compact	Compact	<b>0</b>
<b>18</b>	Compact	Compact	<b>0</b>
<b>19</b>	Compact	Compact	<b>0</b>
<b>20</b>	Compact	Compact	<b>0</b>
<b>21</b>	Compact	Compact	<b>0</b>
<b>22</b>	Compact	Compact	<b>0</b>
<b>23</b>	Compact	Compact	<b>0</b>
<b>24</b>	Compact	Compact	<b>0</b>
<b>25</b>	Compact	Compact	<b>0</b>
<b>26</b>	Compact	Compact	<b>0</b>
<b>27</b>	Compact	Compact	<b>0</b>
<b>28</b>	Compact	Compact	<b>0</b>
<b>29</b>	Compact	Compact	<b>0</b>
<b>30</b>	Compact	Compact	<b>0</b>
<b>31</b>	Compact	Compact	<b>0</b>

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