



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 7/3/2024

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of June, 2024. As per the Terms and Condition No. 7 of the 2024 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2024, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of June 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 May on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2024 ARP. On June 1st, the ditches on the Rio Grande continued diverting water for the 2024 Irrigation Season. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-87.2 AF) to offset Stream Reach 2 depletions (51.1 AF). The remainder of Stream Reach 1 accretions (-36.1 AF) and Stream Reach 3 accretions (-1.1 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 June, 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 2.6 in the approval letter for the Subdistrict's 2024 ARP: Subdistrict No. 1 Monthly Net Stream Depletions for 2024 ARP Year submitted to the Colorado State Engineer's Office on April 15, 2024 **June 2024 Depletion Obligation Total:** 51.1 ac-ft to Stream Reach 2 **May 2024 Replacement Operation Total:** Use of 51.1 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2; 36.1 ac-ft of Stream Reach 1 & 1.1 AF of Stream Reach 3 accretions leftover.

Table 1

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>		
June 2024	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Accretions left from SR-1 & SR-3 (Ac-ft.)	SR-1 Accretion Exchange to SR-2 (Ac-ft.)	SR-1 Accretion Exchange to SR-2 (cfs)	Total (AF)
2024 ARP for June 2024	-87.2	51.1	-1.1	-37.2	51.1		
1	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
2	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
3	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
4	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
5	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
6	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
7	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
8	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
9	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
10	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
11	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
12	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
13	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
14	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
15	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
16	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
17	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
18	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
19	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
20	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
21	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
22	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
23	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
24	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
25	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
26	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
27	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
28	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
29	-2.916	1.706	-0.040	-1.250	1.706	0.86	1.71
30	-2.638	1.626	0.000	-0.952	1.626	0.83	1.63
Total (AF)	-87.2	51.1	-1.1	-37.2	51.1	51.1	51.1

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

Table 2

<i>June 2024</i>	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	1903-22B	San Luis Valley Canal	No Forbearance in June 2024
2	1903-22B	San Luis Valley Canal	
3	1903-22B	San Luis Valley Canal	
4	1903-22B	San Luis Valley Canal	
5	1903-17A	Prairie Ditch	
6	1903-17B	Farmers' Union Canal	
7	1903-19	Minor Ditch	
8	365	Rio Grande Canal	
9	365	Rio Grande Canal	
10	361-B	Empire Canal	
11	361-A	Empire Canal	
12	358	Monte Vista Canal	
13	314	Farmers' Union Canal	
14	297	Prairie Ditch	
15	288-A	Rio Grande Canal	
16	270	San Luis Valley Canal	
17	249	Excelsior Ditch	
18	236-A	Empire Canal	
19	236-A	Empire Canal	
20	236-A	Empire Canal	
21	270	San Luis Valley Canal	
22	358	Monte Vista Canal	
23	361-A	Empire Canal	
24	297	Prairie Ditch	
25	276-A	Rio Grande Canal	
26	236-A	Empire Canal	
27	236-A	Empire Canal	
28	236-A	Empire Canal	
29	236-A	Empire Canal	
30	236-A	Empire Canal	

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