



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 8/5/2024

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of July, 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 July 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 July 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 (-74.7 AF) to offset Stream Reach 2 depletions (39.7 AF). The remainder of Stream Reach 1 accretions (-35 AF) and Stream Reach 3 accretions (-15.6 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 July, 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 **July 2024 Depletion Obligation Total:** 39.7 ac-ft to Stream Reach 2 **July 2024 Replacement Operation Total:** Use of 39.7 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2; 35 ac-ft of Stream Reach 1 & 15.6 AF of Stream Reach 3 accretions leftover.

Table 1

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>		
July 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 July 2024	-74.7	39.7	-15.6	-50.6	39.7		
1	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
2	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
3	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
4	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
5	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
6	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
7	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
8	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
9	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
10	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
11	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
12	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
13	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
14	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
15	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
16	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
17	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
18	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
19	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
20	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
21	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
22	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
23	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
24	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
25	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
26	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
27	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
28	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
29	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
30	-2.420	1.289	-0.496	-1.626	1.289	0.65	1.29
31	-2.103	1.031	-0.734	-1.805	1.031	0.52	1.03
Total (AF)	74.70	39.71	-15.61	-50.60	39.71	39.71	39.71

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

Table 2

<i>July 2024</i>	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	236-A	Empire Canal	No Forbearance in July 2024
2	290	Kane Callan Ditch	
3	270	San Luis Valley Canal	
4	241	Rio Grande Piedra Valley Ditch	
5	236-A	Empire Canal	
6	224	Monte Vista Canal	
7	218	Butler Irrigation Ditch	
8	216-A	Rio Grande Canal	
9	216-A	Rio Grande Canal	
10	216-A	Rio Grande Canal	
11	216-A	Rio Grande Canal	
12	216-A	Rio Grande Canal	
13	216-A	Rio Grande Canal	
14	216-A	Rio Grande Canal	
15	216-A	Rio Grande Canal	
16	216-A	Rio Grande Canal	
17	216-A	Rio Grande Canal	
18	216-A	Rio Grande Canal	
19	216-A	Rio Grande Canal	
20	216-A	Rio Grande Canal	
21	216-A	Rio Grande Canal	
22	216-A	Rio Grande Canal	
23	216-A	Rio Grande Canal	
24	216-A	Rio Grande Canal	
25	216-A	Rio Grande Canal	
26	198	Enterprise Ditch	
27	209	Fish Ditch	
28	204	Rio Grande San Luis Ditch	
29	198	Enterprise Ditch	
30	178	Rio Grande Canal	
31	178	Rio Grande Canal	

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

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Program Manager, Subdistrict #1