



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 9/3/2024

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of August, 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 August 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 August on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2024 ARP. On August 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 (-59.7 AF) to offset Stream Reach 2 depletions (41.9 AF). The remainder of Stream Reach 1 accretions (-17.8 AF) and Stream Reach 3 accretions (-1.9 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 August, 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-- **August 2024 Depletion Obligation Total:** 41.9 ac-ft to Stream Reach 2 **August 2024 Replacement Operation Total:** Use of 41.9 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions; 17.8 ac-ft of Stream Reach 1 & 1.9 AF of Stream Reach 3 accretions leftover.

Table 1

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>		
August 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 Replacement (AF)
2024 ARP for August 2024	-59.7	41.9	-1.9	-19.7	41.9		
1	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
2	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
3	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
4	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
5	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
6	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
7	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
8	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
9	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
10	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
11	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
12	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
13	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
14	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
15	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
16	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
17	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
18	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
19	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
20	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
21	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
22	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
23	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
24	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
25	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
26	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
27	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
28	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
29	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
30	-1.924	1.349	-0.061	-0.635	1.349	0.68	1.35
31	-1.984	1.448	-0.070	-0.635	1.448	0.73	1.45
Total (AF)	59.70	41.91	-1.90	-19.69	41.91	41.91	41.9

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

Table 2

<i>August 2024</i>	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	174	Chicago Ditch	No Forbearance in August 2024
2	166	Independent Ditch	
3	166	Independent Ditch	
4	165	Westside Ditch	
5	163	Excelsior Ditch	
6	174	Chicago Ditch	
7	190	Minor Ditch	
8	190	Minor Ditch	
9	178	Rio Grande Canal	
10	209	Fish Ditch	
11	216-A	Rio Grande Canal	
12	217	Rio Grande Lariat Ditch	
13	217	Rio Grande Lariat Ditch	
14	217	Rio Grande Lariat Ditch	
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	209	Fish Ditch	
20	200	Rio Grande Ditch #2	
21	204	Rio Grande San Luis Ditch	
22	211	Lease, Davis and Bingle Ditch	
23	216-A	Rio Grande Canal	
24	216-A	Rio Grande Canal	
25	217	Rio Grande Lariat Ditch	
26	216-A	Rio Grande Canal	
27	216-A	Rio Grande Canal	
28	216-A	Rio Grande Canal	
29	216-A	Rio Grande Canal	
30	216-A	Rio Grande Canal	
31	216-A	Rio Grande Canal	

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

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