



Rio Grande Water Conservation District

8805 Independence Way • Alamosa, Colorado 81101

Phone: (719) 589-6301 • Fax: (719) 992-2026

Protecting & Conserving San Luis Valley Water

Date: 5/1/2024

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of April 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 April 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 April on a daily basis pursuant to the amounts presented in the Subdistrict's 2023 Annual Report (AR.) On April 1st, the ditches on the Rio Grande began diverting water for the 2024 Irrigation Season. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-81.7 AF) to offset Stream Reach 2 depletions (58.7 AF), using Table 1.5 from the 2023 AR Review Letter. The remainder of Stream Reach 1 accretions (-23 AF) and Stream Reach 3 accretions (-12.1 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 April 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 1.5 in the 2023 AR Review letter: Subdistrict No. 1 Monthly Stream Replacement Obligation for the 2023 AR submitted to the Colorado State Engineer's Office on March 1, 2024. **April 2024 Depletion Obligation Total:** 58.7 ac-ft to Stream Reach 2; **April 2024 Replacement Operation Total:** Use of 58.7 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions; 23 ac-ft of Stream Reach 1 & 12.1 ac-ft of Stream Reach 3 accretions leftover.

Table 2: District 20 Rio Grande River Call for April 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>		
April 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)
2023 AR for April 2024	-81.7	58.7	-12.1	-35.1	58.7		
1	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
2	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
3	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
4	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
5	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
6	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
7	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
8	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
9	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
10	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
11	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
12	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
13	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
14	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
15	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
16	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
17	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
18	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
19	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
20	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
21	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
22	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
23	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
24	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
25	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
26	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
27	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
28	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
29	-2.717	1.964	-0.397	-1.150	1.964	0.99	1.964
30	-2.896	1.745	-0.595	-1.745	1.745	0.88	1.745
Total (AF)	81.70	58.7	-12.10	-35.1	58.7	58.7	58.7

Table 2

<i>April 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 April
2	195	Kane Callen Ditch	
3	165	Westside Ditch	
4	188	Schacheral Ditch	
5	216-A	Rio Grande Canal	
6	216-A	Rio Grande Canal	
7	216-A	Rio Grande Canal	
8	190	Minor Ditch	
9	190	Minor Ditch	
10	187	Bauer Ditch	
11	192	Nichol Ditch	
12	198	Enterprise Ditch	
13	216-A	Rio Grande Canal	
14	216-A	Rio Grande Canal	
15	224	Monte Vista Canal	
16	216-A	Rio Grande Canal	
17	216-A	Rio Grande Canal	
18	224	Monte Vista Canal	
19	236-A	Empire Canal	
20	241	Rio Grande Piedra Valley Ditch	
21	241	Rio Grande Piedra Valley Ditch	
22	270	San Luis Valley Canal	
23	297	Prairie Ditch	
24	314	Farmers' Union Canal	
25	358	Monte Vista Canal	
26	344	Rio Grande Canal	
27	297	Prairie Ditch	
28	262	Excelsior Ditch	
29	236-A	Empire Canal	
30	236-A	Empire Canal	

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

Taylor Chick

Office Phone: 719-589-6301

Program Manager, RGWCD