Rio Grande Water Conservation District
Special Improvement District No. 5
8805 Independence Way • Alamosa, Colorado 81101
Phone: (719) 589-6301 • Fax: (719) 992-2026

August 21, 2024

RE: Subdistrict No. 5 Replacement Water Accounting for the Month of May 2024

Dear Mr. Cotten,

The following Tables illustrate Subdistrict No. 5's accounting of its daily replacement operations for the month of May 2024 as required in Term and Condition No. 7 of the State Engineer's 2024 Annual Replacement Plan Approval Letter received on May 1, 2024. The table includes data regarding the following: daily and monthly Subdistrict No. 5 projected stream depletion obligations; replacement/remedy sources used; daily and monthly amount of each replacement/remedy source used; and, where available, identification of the water rights that received replacement/remedy from the Subdistrict on a daily basis.

Synopsis of May 2024 Subdistrict No. 5 Replacement Operations

Under the direction of the Division No. 3 Division Engineer and District 20, 25, and 26 Water Commissioners, Subdistrict No. 5 replaced projected injurious stream reach depletions on Saguache Creek, San Luis Creek, and the Rio Grande on a daily basis for the month of May 2024 pursuant to the projected amounts calculated in Table 2.3 included in the approved 2024 Annual Replacement Plan. Replacement of injurious stream depletions began on May 1, 2024 on all stream reaches.

Replacement Operations on Saguache Creek

For the month of May 2024, Subdistrict No. 5 used a combination of the surface water rights associated with SWSP 9367 and the groundwater rights associated with SWSP 8308 for the depletions owed for the month. The SWSP 9367 water rights yielded 22.62 ac-ft for the month (0.7297 ac-ft per day). The augmentation well delivering the SWSP 8308 water rights delivered a total of 101.84 ac-ft. Total deliveries for the month were 124.46 ac-ft. The augmentation well was unable to deliver the required amount of water from May 21th through May 25th, due to being restricted and shut-off while well WDID 2606028, permit no. 88968-F was being drilled. This resulted in an under delivery of 12.34 ac-ft per for the month. The following Table 1 illustrates the Subdistrict's daily replacement operations for Saguache Creek during the month of May 2024.

Replacement Operations on San Luis Creek

For the month of May 2024, Subdistrict No. 5 used approved Well Injury Payment Agreements in place with the Subdistrict for all of the depletions owed for the month. The following Table 2 illustrates the Subdistrict's daily replacement operations for San Luis Creek during the month of May 2024.

Replacement Operations on the Rio Grande

For the month of May 2024, Subdistrict No. 5 used Closed Basin Project water to make replacements to

all injured water rights on the Rio Grande. The following Table 3 illustrates the Subdistrict's daily replacement operations for the Rio Grande during the month of May 2024.

A copy of this detailed accounting can be found on the District's website at rgwcd.org under Subdistrict No. 5's Annual Replacement Plan link. If you should have any questions about the information included in this reporting, please contact Chris Ivers whom is the Program Manager responsible for the operation and accounting for Subdistrict No. 5. He can be reached at (719) 589-6301.

Table 1: Subdistrict No. 5 depletion obligation to Saguache Creek per Table 2.3 of the approved Annual Replacement Plan approved by the State Engineer on May 1, 2024. May 2024 depletion obligation total is 136.8 ac-ft. Total replacements/remedies total 124.461 ac-ft.

TABLE 1								
	Saguach Creek		Replacement Sources					
May	SR-1 Ac-Ft.	Total Required 2024 ARP	SWSP 9367 Direct Flow Ac-Ft.	SWSP 8308 Aug Well to Stream		Total	Priority No. Receiving Replacement/ Remedy	Water District No. 26 Ditch Receiving Replacement/Remedy
1	4.4140	**4.414**	0.7297	3.6850		**4.415**	20	
2	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
3	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
4	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
5	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
6	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
7	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
8	4.4140	**4.414**	0.7297	3.6850		**4.415**	18	
9	4.4140	**4.414**	0.7297	3.6850		**4.415**	18	
10	4.4140	**4.414**	0.7297	3.6850		**4.415**	18	
11	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
12	4.4140	**4.414**	0.7297	3.6850		**4.415**	19	
13	4.4140	**4.414**	0.7297	3.6850		**4.415**	20	
14	4.4140	**4.414**	0.7297	3.6850		**4.415**	20	
15	4.4140	**4.414**	0.7297	3.6850		**4.415**	20	
16	4.4140	**4.414**	0.7297	3.6850		**4.415**	20	
17	4.4140	**4.414**	0.7297	3.6850		**4.415**	22	
18	4.4140	**4.414**	0.7297	3.6850		**4.415**	22	
19	4.4140	**4.414**	0.7297	3.6850		**4.415**	22	
20	4.4140	**4.414**	0.7297	3.6850		**4.415**	23	
21	4.4140	**4.414**	0.7297	1.5800		**2.310**	25	
22	4.4140	**4.414**	0.7297	0.9440		**1.674**	27	
23	4.4140	**4.414**	0.7297	0.9440		**1.674**	27	
24	4.4140	**4.414**	0.7297			**0.730**	27	
25	4.4140	**4.414**	0.7297	1.8900		**2.620**	27	
26	4.4140	**4.414**	0.7297	3.7800		**4.510**	27	
27	4.4140	**4.414**	0.7297	3.7800		**4.510**	27	
28	4.4140	**4.414**	0.7297	3.7800		**4.510**	27	
29	4.4140	**4.414**	0.7297	3.8140		**4.544**	29	
30	4.4140	**4.414**	0.7297	3.8140		**4.544**	32	
31	4.4140	**4.414**	0.7297	3.8140		**4.544**	32	
Totals	**136.834**	**136.834**	**22.621**	**101.840**		**124.461**		

Table 2: Subdistrict No. 5 depletion obligation to San Luis Creek per Table 2.3 of the approved Annual Replacement Plan approved by the State Engineer on May 1, 2024. May 2024 depletion obligation total is 25.08 ac-ft. Total replacements/remedies total 25.08 ac-ft.

TABLE 2						
	San Luis Creek		Replacement Sources			
May	SR-1 Ac-Ft.	Total Required 2024 ARP	Forbearance SR 1 Ac-Ft.	Total	Priority No. Receiving Replacement/ Remedy	Water District No. 25 Ditch Receiving Replacement/Remedy
1	0.8091	**0.8091**	0.8091	**0.809**		
2	0.8091	**0.8091**	0.8091	**0.809**		
3	0.8091	**0.8091**	0.8091	**0.809**		
4	0.8091	**0.8091**	0.8091	**0.809**		
5	0.8091	**0.8091**	0.8091	**0.809**		
6	0.8091	**0.8091**	0.8091	**0.809**		
7	0.8091	**0.8091**	0.8091	**0.809**		
8	0.8091	**0.8091**	0.8091	**0.809**		
9	0.8091	**0.8091**	0.8091	**0.809**		
10	0.8091	**0.8091**	0.8091	**0.809**		
11	0.8091	**0.8091**	0.8091	**0.809**		
12	0.8091	**0.8091**	0.8091	**0.809**		
13	0.8091	**0.8091**	0.8091	**0.809**		
14	0.8091	**0.8091**	0.8091	**0.809**		
15	0.8091	**0.8091**	0.8091	**0.809**		
16	0.8091	**0.8091**	0.8091	**0.809**		
17	0.8091	**0.8091**	0.8091	**0.809**		
18	0.8091	**0.8091**	0.8091	**0.809**		
19	0.8091	**0.8091**	0.8091	**0.809**		
20	0.8091	**0.8091**	0.8091	**0.809**		
21	0.8091	**0.8091**	0.8091	**0.809**		
22	0.8091	**0.8091**	0.8091	**0.809**		
23	0.8091	**0.8091**	0.8091	**0.809**		
24	0.8091	**0.8091**	0.8091	**0.809**		
25	0.8091	**0.8091**	0.8091	**0.809**		
26	0.8091	**0.8091**	0.8091	**0.809**		
27	0.8091	**0.8091**	0.8091	**0.809**		
28	0.8091	**0.8091**	0.8091	**0.809**		
29	0.8091	**0.8091**	0.8091	**0.809**		
30	0.8091	**0.8091**	0.8091	**0.809**		
31	0.8091	**0.8091**	0.8091	**0.809**		
Totals	**25.082**	**25.082**	**25.082**	**25.082**		

Table 3: Subdistrict No. 5 depletion obligation to the Rio Grande per Table 2.3 of the approved Annual Replacement Plan approved by the State Engineer on May 1, 2024. May 2024 depletion obligation total is 26.47 ac-ft. Total replacements/remedies total 26.5 ac-ft.

TABLE 3						
	Rio Grande		Replacement Sources		Priority No.	
May	SR-1 Ac-Ft.	Total Required 2024 ARP	Closed Basin Project SR 1 Ac-Ft.	Total	Receiving Replacement/ Remedy	Water District No. 20 Ditch Receiving Replacement/Remedy
1	0.854	**0.854**	0.853	**0.853**	236-A	
2	0.854	**0.854**	0.853	**0.853**	293	
3	0.854	**0.854**	0.853	**0.853**	297	
4	0.854	**0.854**	0.853	**0.853**	312-A	
5	0.854	**0.854**	0.853	**0.853**	297	
6	0.854	**0.854**	0.853	**0.853**	312-A	
7	0.854	**0.854**	0.853	**0.853**	293	
8	0.854	**0.854**	0.853	**0.853**	274	
9	0.854	**0.854**	0.853	**0.853**	263	
10	0.854	**0.854**	0.853	**0.853**	241	
11	0.854	**0.854**	0.853	**0.853**	249	
12	0.854	**0.854**	0.853	**0.853**	262	
13	0.854	**0.854**	0.853	**0.853**	262	
14	0.854	**0.854**	0.853	**0.853**	270	
15	0.854	**0.854**	0.853	**0.853**	297	
16	0.854	**0.854**	0.853	**0.853**	314	
17	0.854	**0.854**	0.853	**0.853**	358	
18	0.854	**0.854**	0.853	**0.853**	365	
19	0.854	**0.854**	0.853	**0.853**	1903-22B	
20	0.854	**0.854**	0.853	**0.853**	1903-24E	
21	0.854	**0.854**	0.853	**0.853**	1903-24F	
22	0.854	**0.854**	0.853	**0.853**	1903-22D	
23	0.854	**0.854**	0.853	**0.853**	365	
24	0.854	**0.854**	0.853	**0.853**	365	
25	0.854	**0.854**	0.853	**0.853**	363	
26	0.854	**0.854**	0.853	**0.853**	361-A	
27	0.854	**0.854**	0.853	**0.853**	361-A	
28	0.854	**0.854**	0.853	**0.853**	363-B	
29	0.854	**0.854**	0.853	**0.853**	1903-17A	
30	0.854	**0.854**	0.853	**0.853**	1903-22C	
31	0.854	**0.854**	0.912	**0.912**	1903-22C	
Totals	**26.474**	**26.474**	**26.500**	**26.500**		