



Rio Grande Water Conservation District

Special Improvement District No. 5

8805 Independence Way • Alamosa, Colorado 81101

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August 21, 2024

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

Dear Mr. Cotten,

The following Tables illustrate Subdistrict No. 5's accounting of its daily replacement operations for the month of June 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 June 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 June 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 June 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 38.7 ac-ft for the month (1.29 ac-ft per day). The augmentation well delivering the SWSP 8308 water rights delivered 3.938 ac-ft per day for a total of 118.14 ac-ft. Total deliveries for the month were 156.84 ac-ft. The augmentation well was unable to deliver the required amount of water, which resulted in an under delivery of 1.165 ac-ft per day for a total of 34.96 ac-ft for the month. The following Table 1 illustrates the Subdistrict's daily replacement operations for Saguache Creek during the month of June 2024.

Replacement Operations on San Luis Creek

For the month of June 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 June 2024.

Replacement Operations on the Rio Grande

For the month of June 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 June 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. June 2024 depletion obligation total is 191.8 ac-ft. Total replacements/remedies were 157.2 ac-ft.

TABLE 1								
June	Saguach Creek	Total Required 2024 ARP	Replacement Sources			Total	Priority No. Receiving Replacement/Remedy	Water District No. 26 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.		SWSP 9367 Direct Flow Ac-Ft.	SWSP 8308 Aug Well to Stream				
1	6.3945	6.395	1.2900	3.9380		5.228	32	
2	6.3945	6.395	1.2900	3.9380		5.228	32	
3	6.3945	6.395	1.2900	3.9380		5.228	33	
4	6.3945	6.395	1.2900	3.9380		5.228	34	
5	6.3945	6.395	1.2900	3.9380		5.228	34	
6	6.3945	6.395	1.2900	3.9380		5.228	34	
7	6.3945	6.395	1.2900	3.9380		5.228	36	
8	6.3945	6.395	1.2900	3.9380		5.228	36	
9	6.3945	6.395	1.2900	3.9380		5.228	36	
10	6.3945	6.395	1.2900	3.9380		5.228	36	
11	6.3945	6.395	1.2900	3.9380		5.228	36	
12	6.3945	6.395	1.2900	3.9380		5.228	36	
13	6.3945	6.395	1.2900	3.9380		5.228	38	
14	6.3945	6.395	1.2900	3.9380		5.228	38	
15	6.3945	6.395	1.2900	3.9380		5.228	38	
16	6.3945	6.395	1.2900	3.9380		5.228	38	
17	6.3945	6.395	1.2900	3.9380		5.228	36	
18	6.3945	6.395	1.2900	3.9380		5.228	33	
19	6.3945	6.395	1.2900	3.9380		5.228	30	
20	6.3945	6.395	1.2900	3.9380		5.228	26	
21	6.3945	6.395	1.2900	3.9380		5.228	26	
22	6.3945	6.395	1.2900	3.9380		5.228	33	
23	6.3945	6.395	1.2900	3.9380		5.228	33	
24	6.3945	6.395	1.2900	3.9380		5.228	33	
25	6.3945	6.395	1.2900	3.9380		5.228	27	
26	6.3945	6.395	1.2900	3.9380		5.228	24	
27	6.3945	6.395	1.2900	3.9380		5.228	19	
28	6.3945	6.395	1.2900	3.9380		5.228	19	
29	6.3945	6.395	1.2900	3.9380		5.228	19	
30	6.3945	6.395	1.2900	3.9380		5.228	19	
Totals	191.835	191.835	38.700	118.140	0.000	156.840		

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. June 2024 depletion obligation total is 12.252 ac-ft. Total replacements/remedies were 12.252 ac-ft.

TABLE 2						
June	San Luis Creek	Total Required 2024 ARP	Replacement Sources	Total	Priority No. Receiving Replacement/Remedy	Water District No. 25 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.		Forbearance SR 1 Ac-Ft.			
1	0.408	0.408	0.408	0.408		
2	0.408	0.408	0.408	0.408		
3	0.408	0.408	0.408	0.408		
4	0.408	0.408	0.408	0.408		
5	0.408	0.408	0.408	0.408		
6	0.408	0.408	0.408	0.408		
7	0.408	0.408	0.408	0.408		
8	0.408	0.408	0.408	0.408		
9	0.408	0.408	0.408	0.408		
10	0.408	0.408	0.408	0.408		
11	0.408	0.408	0.408	0.408		
12	0.408	0.408	0.408	0.408		
13	0.408	0.408	0.408	0.408		
14	0.408	0.408	0.408	0.408		
15	0.408	0.408	0.408	0.408		
16	0.408	0.408	0.408	0.408		
17	0.408	0.408	0.408	0.408		
18	0.408	0.408	0.408	0.408		
19	0.408	0.408	0.408	0.408		
20	0.408	0.408	0.408	0.408		
21	0.408	0.408	0.408	0.408		
22	0.408	0.408	0.408	0.408		
23	0.408	0.408	0.408	0.408		
24	0.408	0.408	0.408	0.408		
25	0.408	0.408	0.408	0.408		
26	0.408	0.408	0.408	0.408		
27	0.408	0.408	0.408	0.408		
28	0.408	0.408	0.408	0.408		
29	0.408	0.408	0.408	0.408		
30	0.408	0.408	0.408	0.408		
Totals	12.252	12.252	12.252	12.252		

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 June 17, 2024. June 2024 depletion obligation total is 22.0 ac-ft. Total replacements/remedies total 21.997 ac-ft.

TABLE 3						
June	Rio Grande	Total Required 2024 ARP	Replacement Sources	Total	Priority No. Receiving Replacement/ Remedy	Water District No. 20 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.		Closed Basin Project SR 1 Ac-Ft.			
1	0.734	0.734	0.734	0.734	1903-22B	
2	0.734	0.734	0.734	0.734	1903-22B	
3	0.734	0.734	0.734	0.734	1903-22B	
4	0.734	0.734	0.734	0.734	1903-22B	
5	0.734	0.734	0.734	0.734	1903-17A	
6	0.734	0.734	0.734	0.734	1903-17B	
7	0.734	0.734	0.734	0.734	1903-19	
8	0.734	0.734	0.734	0.734	365	
9	0.734	0.734	0.734	0.734	365	
10	0.734	0.734	0.734	0.734	361-B	
11	0.734	0.734	0.734	0.734	361-A	
12	0.734	0.734	0.734	0.734	358	
13	0.734	0.734	0.734	0.734	314	
14	0.734	0.734	0.734	0.734	297	
15	0.734	0.734	0.734	0.734	288	
16	0.734	0.734	0.734	0.734	270	
17	0.734	0.734	0.734	0.734	259	
18	0.734	0.734	0.734	0.734	236-A	
19	0.734	0.734	0.734	0.734	236-A	
20	0.734	0.734	0.734	0.734	236-A	
21	0.734	0.734	0.734	0.734	270	
22	0.734	0.734	0.734	0.734	358	
23	0.734	0.734	0.734	0.734	361-A	
24	0.734	0.734	0.734	0.734	297	
25	0.734	0.734	0.734	0.734	276-A	
26	0.734	0.734	0.734	0.734	236-A	
27	0.734	0.734	0.734	0.734	236-A	
28	0.734	0.734	0.734	0.734	236-A	
29	0.734	0.734	0.734	0.734	236-A	
30	0.734	0.734	0.714	0.714	236-A	
Totals	22.017	22.017	21.997	21.997		