



Rio Grande Water Conservation District

Special Improvement District No. 3

8805 Independence Way • Alamosa, Colorado 81101

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

July 28, 2020

RE: Subdistrict No. 3 Replacement Water Accounting for the Month of June 2020

Dear Mr. Cotten,

The following Tables 1, 2 and 3 illustrates Subdistrict No. 3's accounting of its daily replacement operations for the month of June 2020 as required in Term and Condition No. 7 of the State Engineer's 2020 Annual Replacement Plan Approval Letter received on May 1, 2020. The table includes data regarding the following: daily and monthly Subdistrict No. 3 projected stream depletion obligations; replacement/remedy sources used; daily and monthly amount of each replacement/remedy source used; and, identification of the water rights that received replacement/remedy from the Subdistrict on a daily basis.

Synopsis of June 2020 Subdistrict No. 3 Replacement Operations

Under the direction of the Division No. 3 Division Engineer and District 20, 21 and 22 Water Commissioners, Subdistrict No. 3 replaced all projected injurious stream reach depletions on the Rio Grande, Alamosa and Conejos on a daily basis for the month of June 2020 pursuant to the projected amounts calculated in Table 2.3 included in the approved 2020 Annual Replacement Plan. Replacement of injurious stream depletions began on May 1, 2020 on the Rio Grande, the Alamosa and the Conejos.

Replacement Operations on the Rio Grande

For the month of June 2020, Subdistrict No. 3 used Pine River-Weminuche Pass Ditch transbasin water to make replacements to all injured water rights on the Rio Grande which did not have an approved Forbearance Agreement in place with the Subdistrict. Wet water replacements were released from the pool of water held by the Subdistrict in Beaver Reservoir. All wet water releases included 5% to cover the transit loss occurring between the reservoir and the head of Stream Reach No. 1, 10% to the head of Stream Reach No. 2 and 15% to the head of Stream Reach No. 3. The following Table 1 illustrates the Subdistrict's daily replacement operations for the Rio Grande during the month of June 2020.

Per SWSP ID 6061, Table 1 illustrates all days during the month of June in which Pine River-Weminuche Pass Ditch transbasin water was used to replace depletions caused by Subdistrict No. 3 Wells. The total amount of water used to cover daily injurious stream depletions and associated transit losses on the Rio Grande was 26.79 ac-ft. The amount remaining in storage in Beaver Reservoir under SWSP 6062 is 62.05 ac-ft.

Replacement Operations on the Conejos

For the month of June 2020, Subdistrict No. 3 used water stored in Platoro Reservoir to make replacements to all injured water rights on the Conejos which did not have an approved Forbearance

Agreement in place with the Subdistrict. All wet water releases included 10% to cover the transit loss occurring between the reservoir and the head of Stream Reach No. 1 and Stream Reach No. 2. The following Table 2 illustrates the Subdistrict's daily replacement operations for the Conejos during the month of June 2020.

For the Month of June 2020, Subdistrict No. 3 was allowed to offset Reach 1 depletions with return flows from the Town of Antonito on days when the San Antonio and Conejos rivers were connected and the Subdistrict was releasing wet water for its depletion replacements. During the month of June 2020, the Subdistrict was allowed to offset Reach 1 depletions in the amount of 0.522 ac-ft.

Per SWSP ID 6074, Table 2 illustrates all days during the month of June in which Taos Valley No. 3 water rights were used to replace depletions caused by Subdistrict No. 3 Wells. The total amount of water used to cover injurious stream depletions and associated transit losses on the Conejos was 0.0 ac-ft.

Under SWSP ID 6056, water was stored in Platoro Reservoir in the amount of 440.34 ac-ft. This water remains in storage and was not used to make replacements for the month of June. The total amount of water used to cover injurious stream depletions and associated transit losses on the Conejos was 0.0 ac-ft. The amount remaining in storage under SWSP 6056 is 440.34 ac-ft.

Per SWSP ID 6061, Table 2 illustrates all days during the month of June in which water covered by this SWSP was used to replace depletions caused by Subdistrict No. 3 Wells. The total amount of water used to cover daily injurious stream depletions and associated transit losses on the Conejos was 77.17 ac-ft. The amount remaining in storage in Platoro Reservoir under SWSP 6061 is 1,067.89 ac-ft.

Replacement Operations on the Alamosa

For the month of June 2020, Subdistrict No. 3 used approved Forbearance Agreements in place with the Subdistrict for the majority of the depletions owed for the month. The Subdistrict used water stored in Terrace Reservoir under SWSP 6070 to make replacements to all injured water rights on the Alamosa which did not have an approved Forbearance Agreement in place with the Subdistrict. The following Table 3 illustrates the Subdistrict's daily replacement operations for the Alamosa during the month of June 2020.

Per SWSP ID 6066, Table 3 illustrates all days during the month of June in which EXPO LLC water rights were used to replace depletions on the Alamosa River caused by Subdistrict No. 3 Wells. The total amount of water used to cover injurious stream depletions on the Alamosa was 0.00 ac-ft. The amount of EXPO LLC augmentation credits remaining in storage under this SWSP is 22.0 ac-ft.

Per SWSP ID 6070, Subdistrict No. 3 stored water in Terrace Reservoir from Priority No. 1, the El Viejo Ditch, when the water right was in priority during 2019. No additional water was stored during June 2020. The total amount of this water used to cover daily injurious stream depletions, associated transit losses and evaporation losses on the Alamosa was 6.76 ac-ft. The amount remaining in storage in Terrace Reservoir under SWSP 6070 is 29.87 ac-ft.

A copy of this detailed accounting can be found on the District's website at RGWCD.org under Subdistrict No. 3's Annual Replacement Plan link. If you should have any questions about the information included in this reporting, please contact Amber Pacheco whom is the Program Manager responsible for the operation and accounting for Subdistrict No. 3. She can be reached at (719) 589-6301.

Table 1: Subdistrict No. 3 depletion obligation to the Rio Grande River per Table 2.3 of the approved Annual Replacement Plan approved by the State Engineer on May 1, 2020. June 2020 depletion obligation total is 37.0 ac-ft. Total replacements/remedies total 37.02 ac-ft.

TABLE 1										
June	Rio Grande River			Total Daily Depletion Obligation Ac-ft.	Replacement/Remedy Sources			Total Daily Replacement/Remedy Ac-ft.	Priority No. Receiving Replacement/Remedy	Water District No. 20 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.	SR-2 Ac-Ft.	SR-3 Ac-Ft.		Forbearance SR 1, 2 & 3 Ac-Ft.	Pine River-Weminuche Pass TM SR 1, 2 & 3 Ac-Ft.	Closed Basin Project SR 1, 2 & 3 Ac-Ft.			
1	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	1903-22B	San Luis Valley Canal
2	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	1903-22E	Farmer's Union
3	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	365	Rio Grande Canal
4	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	358-A/358	Rio Grande Canal/Monte Vista Canal
5	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	297	Prairie Ditch
6	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	297	Prairie Ditch
7	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	363B	Rio Grande Canal
8	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	361A	Empire Canal
9	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	358	Monte Vista Canal
10	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	293	Costilla Ditch
11	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	270	San Luis Valley Canal
12	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	241	Rio Grande Piedra Ditch
13	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	236A	Empire Canal
14	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	236A	Empire Canal
15	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	236A	Empire Canal
16	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	236A	Empire Canal
17	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	236A	Empire Canal
18	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	224	Monte Vista Canal
19	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	224	Monte Vista Canal
20	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	218	Butler Irrigation Ditch
21	0.167	0.234	0.833	1.234	1.234	0.000	0.000	1.234	217	Rio Grande Lariat Ditch
22	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
23	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
24	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
25	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
26	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
27	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
28	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
29	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
30	0.167	0.234	0.833	1.234	0.000	1.234	0.000	1.234	216A	Rio Grande Canal
				0.000				0.000		
Totals	5.010	7.020	24.990	37.020	13.574	23.446	0.000	37.020		

Table 2: Subdistrict No. 3 depletion obligation to the Conejos River per Table 2.3 of the approved Annual Replacement Plan approved by the State Engineer on May 1, 2020. June 2020 depletion obligation total is 248.00 ac-ft. Total replacements/remedies total 248.011 ac-ft.

Table 2										
June	Conejos River		Total Daily Depletion Obligation Ac-ft.	Replacement Sources				Total Daily Replacement/Remedy Ac-ft.	Priority No. Receiving Replacement/Remedy	Water District No. 22 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.	SR-2 Ac-Ft.		Accretions Town of Antonito SR 1	Forbearance SR 1 & 2	Reservoir Release of TM Water SR 1, 2 & 3 Ac-Ft.	Closed Basin Project SR 1 & 2 Ac-Ft.			
1	2.638	5.633	8.271	0.276	0.000	7.995	0.000	8.271	88	East Bend Ditch
2	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	104	Sanford Ditch
3	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	98	Manassa Ditch
4	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	59	Richfield Canal
5	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	44	Manassa Ditch
6	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	34	Romero Ditch
7	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	48	Manassa Ditch
8	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	48	Manassa Ditch
9	2.638	5.633	8.271	0.276	4.959	3.036	0.000	8.271	38	J.F. Chacon #3
10	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	32	Los Sauces Ditch
11	2.638	5.633	8.271	0.000	0.000	8.271	0.000	8.271	28	San Rafael & Conejos Ditch
12	2.638	5.633	8.271	0.000	0.000	8.271	0.000	8.271	25	Fuerticitos Ditch
13	2.638	5.633	8.271	0.000	0.000	8.271	0.000	8.271	18	Archuleta-Trogillio Ditch No. 1
14	2.638	5.633	8.271	0.000	2.063	6.208	0.000	8.271	16	Manassa Ditch/Santiago Ditch
15	2.638	5.633	8.271	0.000	2.063	6.208	0.000	8.271	16	Manassa Ditch/Santiago Ditch
16	2.638	5.633	8.271	0.000	2.063	6.208	0.000	8.271	16	Manassa Ditch/Santiago Ditch
17	2.638	5.633	8.271	0.000	2.063	6.208	0.000	8.271	16	Manassa Ditch/Santiago Ditch
18	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	12	Del Puerticito Ditch
19	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	9	Mill Ditch
20	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	9	Mill Ditch
21	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	9	Mill Ditch
22	2.638	5.633	8.271	0.000	5.633	2.638	0.000	8.271	6,8	Seledonia Ditch/Salazar Ditch
23	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	5,5,8	Manassa Ditch/Servietta Ditch/Salazar Ditch
24	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	5,5,8	Manassa Ditch/Servietta Ditch/Salazar Ditch
25	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	5,5,8	Manassa Ditch/Servietta Ditch/Salazar Ditch
26	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	5,5,8	Manassa Ditch/Servietta Ditch/Salazar Ditch
27	2.638	5.633	8.271	0.000	8.271	0.000	0.000	8.271	5,5,8	Manassa Ditch/Servietta Ditch/Salazar Ditch
28	2.638	5.633	8.271	0.000	5.633	2.638	0.000	8.271	4,5,8	Garcia Ditch/Salazar Ditch
29	2.638	5.633	8.271	0.000	6.486	1.785	0.000	8.271	2,2,8	Manassa Ditch/Headsmill Ditch/Salazar Ditch
30	2.499	5.653	8.152	0.000	6.446	1.706	0.000	8.152	2,2,8	Manassa Ditch/Headsmill Ditch/Salazar Ditch
			0.000				0.000	0.000		
Totals	79.001	169.010	248.011	0.552	178.016	69.443	0.000	248.011		

Table 3: Subdistrict No. 3 depletion obligation to the Alamosa River per Table 2.3 of the approved Annual Replacement Plan approved by the State Engineer on May 1, 2020. June 2020 depletion obligation total is 19.0 ac-ft. Total replacements/remedies total 19.010 ac-ft.

TABLE 3							
June	Alamosa River	Total Required 2019 ARP	Replacement Sources		Total	Priority No. Receiving Replacement/Remedy	Water District No. 21 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.		Forbearance SR 1 Ac-Ft.	Faucette SWSP Water SR 1 Ac-Ft.			
1	0.635	0.635	0.635	0.000	0.635	57	Lowland Overflow Ditch
2	0.635	0.635	0.000	0.635	0.635	46	Gallegos D3 Ditch
3	0.635	0.635	0.635	0.000	0.635	39	Terrace Main Canal
4	0.635	0.635	0.635	0.000	0.635	37	Terrace Main Canal
5	0.635	0.635	0.635	0.000	0.635	36	Arroa Ditch
6	0.635	0.635	0.635	0.000	0.635	32	Ortiz Ditch
7	0.635	0.635	0.635	0.000	0.635	40	North Alamosa Ditch
8	0.635	0.635	0.635	0.000	0.635	36	Arroya Ditch
9	0.635	0.635	0.635	0.000	0.635	27	Head Overflow No. 5 Ditch
10	0.635	0.635	0.000	0.635	0.635	26	Ramona Ditch
11	0.635	0.635	0.000	0.635	0.635	17	Miller Ditch
12	0.635	0.635	0.000	0.635	0.635	15	Cristobal Rivera Ditch
13	0.635	0.635	0.000	0.635	0.635	15	Cristobal Rivera Ditch
14	0.635	0.635	0.000	0.635	0.635	15	Cristobal Rivera Ditch
15	0.635	0.635	0.000	0.635	0.635	15	Cristobal Rivera Ditch
16	0.635	0.635	0.000	0.635	0.635	15	Cristobal Rivera Ditch
17	0.635	0.635	0.555	0.080	0.635	11	Gabino Gallegos Ditch
18	0.635	0.635	0.555	0.080	0.635	11	Gabino Gallegos Ditch
19	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
20	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
21	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
22	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
23	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
24	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
25	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
26	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
27	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
28	0.635	0.635	0.635	0.000	0.635	10	Capulin Ditch
29	0.635	0.635	0.000	0.635	0.635	9	Valdez Ditch
30	0.595	0.595	0.000	0.595	0.595	9	Valdez Ditch
		0.000			0.000		
Totals	19.010	19.010	12.540	6.470	19.010		