



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 May 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 May 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 May 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 May 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 May 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 May 2020.

Per SWSP ID 6061, Table 1 illustrates all days during the month of May 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 23.68 ac-ft. The amount remaining in storage in Beaver Reservoir under SWSP 6062 is 88.84 ac-ft.

Replacement Operations on the Conejos

For the month of May 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 5% 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 May 2020.

For the Month of May 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 May 2020, the Subdistrict was allowed to offset Reach 1 depletions in the amount of 2.058 ac-ft.

Per SWSP ID 6074, Table 2 illustrates all days during the month of May 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 May. 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 May 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 48.95 ac-ft. The amount remaining in storage in Platoro Reservoir under SWSP 6061 is 1,145.06 ac-ft.

Replacement Operations on the Alamosa

For the month of May 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 May 2020.

Per SWSP ID 6066, Table 3 illustrates all days during the month of May 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 May 2020. The total amount of this water used to cover daily injurious stream depletions, associated transit losses and evaporation losses on the Alamosa was 2.659 ac-ft. The amount remaining in storage in Terrace Reservoir under SWSP 6070 is 36.63 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. May 2020 depletion obligation total is 40.0 ac-ft. Total replacements/remedies total 39.959 ac-ft.

TABLE 1										
May	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	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	314	Farmer's Union Canal
2	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 A	Empire Canal
3	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 B	Empire Canal
4	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 B	Empire Canal
5	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 B	Empire Canal
6	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 A	Empire Canal
7	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	363A and 363	Rio Grande Canal and Westside Ditch
8	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	365	Rio Grande Canal
9	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	362	Kenilworth Canal
10	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361A and 361B	Empire Canal
11	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 A	Empire Canal
12	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 A	Empire Canal
13	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 A	Empire Canal
14	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	358	Monte Vista Canal
15	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	358	Monte Vista Canal
16	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	358	Monte Vista Canal
17	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	358	Monte Vista Canal
18	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	361 B	Empire Canal
19	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	365	Rio Grande Canal
20	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	365	Rio Grande Canal
21	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	365	Rio Grande Canal
22	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	363B	Rio Grande Canal
23	0.161	0.226	0.902	1.289	1.289	0.000	0.000	1.289	358	Monte Vista Canal
24	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	314	Farmer's Union Canal
25	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	298	Rio Grande San Luis Ditch
26	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	297	Prairie Ditch
27	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	293	Costilla Ditch
28	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	312 A	Rio Grande Canal
29	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	341 and 338 1/2A	Brey Ditch and Rio Grande Canal
30	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	363 A	Rio Grande Canal
31	0.161	0.226	0.902	1.289	0.000	1.289	0.000	1.289	365	Rio Grande Canal
Totals	4.991	7.006	27.962	39.959	19.335	20.624	0.000	39.959		

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. May 2020 depletion obligation total is 188.0 ac-ft. Total replacements/remedies total 188.011 ac-ft.

Table 2										
May	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	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	34	Romero Ditch
2	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	48	Manassa Ditch
3	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	48	Manassa Ditch
4	2.043	4.027	6.070	0.000	0.000	6.070	0.000	6.070	60	AD Archuleta Ditch
5	2.043	4.027	6.070	0.294	0.000	5.776	0.000	6.070	65	Angustura Ditch
6	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	56	Ephraim Ditch
7	2.043	4.027	6.070	0.294	0.000	5.776	0.000	6.070	56	Angustura Ditch
8	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	67	Manassa Ditch
9	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	67	Manassa Ditch
10	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	66	Northeastern Ditch
11	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	66	Northeastern Ditch
12	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	66	Northeastern Ditch
13	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	66	Northeastern Ditch
14	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	66	Northeastern Ditch
15	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	66	Northeastern Ditch
16	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	81	Ball Brothers No. 2 Ditch
17	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	81	Ball Brothers No. 2 Ditch
18	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	98	Manassa Ditch
19	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	104	Sanford Ditch
20	2.043	4.027	6.070	0.294	0.000	5.776	0.000	6.070	113	Antonito Ditch
21	2.043	4.027	6.070	0.294	0.000	5.776	0.000	6.070	113	Antonito Ditch
22	2.043	4.027	6.070	0.294	0.000	5.776	0.000	6.070	113	Antonito Ditch
23	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	104	Sanford Ditch
24	2.043	4.027	6.070	0.294	0.000	5.776	0.000	6.070	60	AD Archuleta Ditch
25	2.043	4.027	6.070	0.294	0.000	5.776	0.000	6.070	60	AD Archuleta Ditch
26	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	59	Richfield Ditch
27	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	48	Manassa Ditch
28	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	48	Manassa Ditch
29	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	48	Manassa Ditch
30	2.043	4.027	6.070	0.000	6.070	0.000	0.000	6.070	59	Richfield Ditch
31	1.706	4.205	5.911	0.000	5.911	0.000	0.000	5.911	67	Manassa Ditch
Totals	62.996	125.015	188.011	2.058	139.451	46.502	0.000	188.011		

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. May 2020 depletion obligation total is 25.0 ac-ft. Total replacements/remedies total 25.005 ac-ft.

TABLE 3							
May	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	0.813	0.813	0.813	0.000	0.813	41	Alamosa Spring Creek
2	0.813	0.813	0.813	0.000	0.813	36	Arroyo Ditch
3	0.813	0.813	0.813	0.000	0.813	41	Alamosa Spring Creek
4	0.813	0.813	0.000	0.813	0.813	46	Gallegos Ditch No. 3
5	0.813	0.813	0.813	0.000	0.813	54	Alamosa Spring Creek
6	0.813	0.813	0.000	0.813	0.813	46	Gallegos Ditch No. 3
7	0.813	0.813	0.813	0.000	0.813	44	Cottonwood Ditch
8	0.813	0.813	0.813	0.000	0.813	44	Cottonwood Ditch
9	0.813	0.813	0.813	0.000	0.813	40	North Alamosa Ditch
10	0.813	0.813	0.813	0.000	0.813	38	Union Ditch
11	0.813	0.813	0.813	0.000	0.813	37	Terrace Main Canal
12	0.813	0.813	0.813	0.000	0.813	39	Terrace Main Canal
13	0.813	0.813	0.813	0.000	0.813	36	Arroyo Ditch
14	0.813	0.813	0.813	0.000	0.813	38	Union Ditch
15	0.813	0.813	0.813	0.000	0.813	39	Terrace Main Canal
16	0.813	0.813	0.813	0.000	0.813	40	North Alamosa Ditch
17	0.813	0.813	0.813	0.000	0.813	41	Alamosa Spring Creek
18	0.813	0.813	0.813	0.000	0.813	45	TK Walsh Ditch
19	0.813	0.813	0.813	0.000	0.813	57	Lowland Overflow Ditch
20	0.813	0.813	0.813	0.000	0.813	55	Cottonwood Ditch
21	0.813	0.813	0.000	0.813	0.813	46	Gallegos Ditch No. 3
22	0.813	0.813	0.813	0.000	0.813	41	Alamosa Spring Creek
23	0.813	0.813	0.813	0.000	0.813	38	Union Ditch
24	0.813	0.813	0.813	0.000	0.813	36	Arroyo Ditch
25	0.813	0.813	0.813	0.000	0.813	36	Arroyo Ditch
26	0.813	0.813	0.813	0.000	0.813	32	Ortiz Ditch
27	0.813	0.813	0.813	0.000	0.813	27	Head Overflow No. 5 Ditch
28	0.813	0.813	0.813	0.000	0.813	29	Alamosa Spring Creek
29	0.813	0.813	0.813	0.000	0.813	36	Arroyo Ditch
30	0.813	0.813	0.813	0.000	0.813	37	TK Walsh Ditch
31	0.615	0.615	0.615	0.000	0.615	44	Cottonwood Ditch
Totals	25.005	25.005	22.566	2.439	25.005		