



Rio Grande Water Conservation District

Special Improvement District No. 3

8805 Independence Way • Alamosa, Colorado 81101

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August 4, 2023

RE: Subdistrict No. 3 Replacement Water Accounting for the Month of July 2023

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 July 2023 as required in Term and Condition No. 7 of the State Engineer's 2023 Annual Replacement Plan Approval Letter received on May 1, 2023. 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 July 2023 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 Rivers on a daily basis for the month of July 2023 pursuant to the projected amounts calculated in Table 2.3 included in the approved 2023 Annual Replacement Plan. Replacement of injurious stream depletions began on May 1, 2023 on the Rio Grande, the Alamosa, and the Conejos Rivers.

Replacement Operations on the Rio Grande

For the month of July 2023, Subdistrict No. 3 used Nelson Tunnel water, Taos Valley No. 3 water, and Taos Valley No. 3 Depletion Bank credits 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 July 2023.

Table 1 illustrates all days during the month of July 2023 in which Nelson Tunnel water, Taos Valley No. 3 water, and Taos Valley No. 3 Depletion Bank credits were used to replace depletions caused by Subdistrict No. 3 Wells. The total amount of Nelson Tunnel water used to cover daily injurious stream depletions and associated transit losses on the Rio Grande was 1.19 ac-ft. The amount of Nelson Tunnel water remaining in storage in Beaver Reservoir is 0 ac-ft. The total amount of Taos Valley No. 3 water used to cover daily injurious stream depletions and associated transit losses on the Rio Grande was 5.47 ac-ft. The amount of Taos Valley No. 3 water remaining in storage in Beaver Reservoir is 24.6 ac-ft. The

total amount of Taos Valley No. 3 Depletion Bank credits used to cover daily injurious stream depletions and associated transit losses on the Rio Grande was 3.26 ac-ft. The amount of Taos Valley No. 3 Depletion Bank credits remaining is 1,947.31 ac-ft.

Replacement Operations on the Conejos

For the month of July 2023, 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. Beginning on May 1st, all wet water releases included 10% transit losses to Stream Reach 1 and 15% to Stream Reach 2. The following Table 2 illustrates the Subdistrict's daily replacement operations for the Conejos during the month of July 2023.

Per SWSP ID 6074, Table 2 illustrates all days during the month of July 2023 in which Taos Valley No. 3 water rights and/or Depletion Bank credits were used to replace depletions caused by Subdistrict No. 3 wells. The total amount of Depletion Bank credits used to cover injurious stream depletions and associated transit losses on the Conejos was 11.25 ac-ft. The amount of Taos Valley No. 3 Depletion Bank credits remaining is 1,947.31 ac-ft.

Under SWSP ID 6056, water was stored in Platoro Reservoir in the amount of 175 ac-ft. This water remains in storage and was not used to make replacements for the month of July. 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 175 ac-ft.

Per SWSP ID 6061, Table 2 illustrates all days during the month of July 2023 in which SLVWCD Transmountain 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 Conejos River was 19.36 ac-ft. The amount remaining in storage in Platoro Reservoir under SWSP 6061 is 709.81 ac-ft.

Replacement Operations on the Alamosa

For the month of July 2023, Subdistrict No. 3 used approved Forbearance Agreements in place with the Subdistrict for the majority of the depletions owed for the month. The following Table 3 illustrates the Subdistrict's daily replacement operations for the Alamosa during the month of July 2023.

Per SWSP ID 6066, Table 3 illustrates all days during the month of July 2023 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 0.24 ac-ft. The amount of EXPO LLC augmentation credits remaining in storage under this SWSP is 72.31 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 Angelo Bellah whom is the Program Manager responsible for the operation and accounting for Subdistrict No. 3. He can be reached at (719) 589-6301.

Table 1: Subdistrict No. 3 depletion obligation to the Rio Grande River per Table 2.3 included in the 2023 approved Annual Replacement Plan. July's 2023 depletion obligation total is 37.1 ac-ft. The total replacements/remedies are 37.09 ac-ft.

TABLE 1												
July	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.	Subdistrict No. 3 Nelson Tunnel Water	Subdistrict No. 3 Taos Valley No. 3 Water	Subdistrict No. 3 SR	Subdistrict No. 3 DB Credits SR 1, 2 & 3			
						SR 1, 2 & 3 Ac-Ft.	SR 1, 2 & 3 Ac-Ft.	SR 1, 2 & 3 Ac-Ft.	SR 1, 2 & 3 Ac-Ft.			
1	0.16	0.24	0.79	1.19	1.19					1.19	288-A	RIO GRANDE CNL
2	0.16	0.24	0.79	1.19	1.19					1.19	262	EXCELSIOR D
3	0.16	0.24	0.79	1.19	1.19					1.19	241	RIO GRANDE PIEDRA VLY D
4	0.16	0.24	0.79	1.19	1.19					1.19	236-A	EMPIRE CNL
5	0.16	0.24	0.79	1.19	1.19					1.19	236-A	EMPIRE CNL
6	0.16	0.24	0.79	1.19	1.19					1.19	236-A	EMPIRE CNL
7	0.16	0.24	0.79	1.19	1.19					1.19	236-A	EMPIRE CNL
8	0.16	0.24	0.79	1.19	1.19					1.19	224	MONTE VISTA CNL
9	0.16	0.24	0.79	1.19	1.19					1.19	224	MONTE VISTA CNL
10	0.16	0.24	0.79	1.19	1.19					1.19	217	RIO GRANDE LARIAT D
11	0.16	0.24	0.79	1.19	1.19					1.19	217	RIO GRANDE LARIAT D
12	0.16	0.24	0.79	1.19	1.19					1.19	217	RIO GRANDE LARIAT D
13	0.16	0.24	0.79	1.19	1.19					1.19	217	RIO GRANDE LARIAT D
14	0.16	0.24	0.79	1.19	1.19					1.19	217	RIO GRANDE LARIAT D
15	0.16	0.24	0.79	1.19	1.19					1.19	216-A	RIO GRANDE CNL
16	0.16	0.24	0.79	1.19	1.19					1.19	216-A	RIO GRANDE CNL
17	0.16	0.24	0.79	1.19	1.19					1.19	216-A	RIO GRANDE CNL
18	0.16	0.24	0.79	1.19	1.19					1.19	216-A	RIO GRANDE CNL
19	0.16	0.24	0.79	1.19			1.19			1.19	211	EMPIRE CNL
20	0.16	0.24	0.79	1.19				1.19		1.19	209	FISH D
21	0.16	0.24	0.79	1.19	1.19					1.19	204	RIO GRANDE SAN LUIS D
22	0.16	0.24	0.79	1.19	1.19					1.19	198	ENTERPRISE D
23	0.16	0.24	0.79	1.19	1.19					1.19	198	ENTERPRISE D
24	0.16	0.24	0.79	1.19	1.19					1.19	198	ENTERPRISE D
25	0.16	0.24	0.79	1.19	0.99			0.20		1.19	197	BIEDEL D
26	0.16	0.24	0.79	1.19				1.19		1.19	190	MINOR D
27	0.16	0.24	0.79	1.19				1.19		1.19	187	BAUER D
28	0.16	0.24	0.79	1.19				0.40	0.79	1.19	187	BAUER D
29	0.16	0.24	0.79	1.19				0.40	0.79	1.19	193	JOHN ANDERSON D
30	0.16	0.24	0.79	1.19				0.40	0.79	1.19	190	MINOR D
31	0.44	0.06	0.89	1.39				0.50	0.89	1.39	187	BAUER D
Totals	5.24	7.26	24.59	37.09	27.17	1.19	1.19	5.47	3.26	37.09		

Table 2: Subdistrict No. 3 depletion obligation to the Conejos River per Table 2.3 included in the 2023 approved Annual Replacement Plan. July's 2023 depletion obligation total is 258.1 ac-ft. The total replacements/remedies are 258.07 ac-ft.

Table 2										
July	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 Ac-Ft.	SLVWCD Transmountain Water SR 1 & 2 Ac-Ft.	Taos Valley No. 3 Depletion Bank Credits SR 1 & 2 Ac-Ft.			
1	2.76	5.57	8.33	0.34	7.99			8.33	56	EPHRAIM D
2	2.76	5.57	8.33	0.34	7.99			8.33	56	EPHRAIM D
3	2.76	5.57	8.33	0.34	7.99			8.33	56	EPHRAIM D
4	2.76	5.57	8.33	0.34	7.99			8.33	48	MANASSA D, MANASSA D NO. 3
5	2.76	5.57	8.33	0.34	7.99			8.33	39	SABINE SCHOOL SECTION D
6	2.76	5.57	8.33	0.34	7.99			8.33	39	SABINE SCHOOL SECTION D
7	2.76	5.57	8.33	0.34	7.99			8.33	39	SABINE SCHOOL SECTION D
8	2.76	5.57	8.33	0.34	7.99			8.33	27	SAN JUAN SAN RAFAEL D
9	2.76	5.57	8.33	0.34	7.99			8.33	24	RINCONES D
10	2.76	5.57	8.33	0.34	7.99			8.33	22	CANON IRRIGATING D
11	2.76	5.57	8.33	0.34	7.99			8.33	22	CANON IRRIGATING D
12	2.76	5.57	8.33	0.34	7.99			8.33	11	SINECERO D
13	2.76	5.57	8.33	0.34			7.99	8.33	6	SELEDONIA VALDEZ IRR MIL
14	2.76	5.57	8.33	0.34	7.99			8.33	7	LOS PINOS D
15	2.76	5.57	8.33	0.34	7.99			8.33	7	LOS PINOS D
16	2.76	5.57	8.33	0.34	7.99			8.33	7	LOS PINOS D
17	2.76	5.57	8.33	0.34	5.33	2.66		8.33	4.5, 5	GARCIA D, MANASSA D NO. 3, SERVIETTA
18	2.76	5.57	8.33	0.34	5.33	2.66		8.33	4.5, 5	GARCIA D, MANASSA D NO. 3, SERVIETTA
19	2.76	5.57	8.33	0.34	5.33	2.66		8.33	4.5, 5	GARCIA D, MANASSA D NO. 3, SERVIETTA
20	2.76	5.57	8.33	0.34	5.33	2.66		8.33	4.5, 5	GARCIA D, MANASSA D NO. 3, SERVIETTA
21	2.76	5.57	8.33	0.34	5.81	2.18		8.33	2	HEADS MILL & IRG D, MANASSA D NO. 3
22	2.76	5.57	8.33	0.34	5.81	2.18		8.33	2	HEADS MILL & IRG D, MANASSA D NO. 3
23	2.76	5.57	8.33	0.34	5.81	2.18		8.33	2	HEADS MILL & IRG D, MANASSA D NO. 3
24	2.76	5.57	8.33	0.34	5.81	2.18		8.33	2	HEADS MILL & IRG D, MANASSA D NO. 3
25	2.76	5.57	8.33	0.34	7.99			8.33	1	GUADALUPE MAIN, MANASSA D NO. 3, ROMERO D
26	2.76	5.57	8.33	0.34	7.99			8.33	1	GUADALUPE MAIN, MANASSA D NO. 3, ROMERO D
27	2.76	5.57	8.33	0.34	7.99			8.33	1	GUADALUPE MAIN, MANASSA D NO. 3, ROMERO D
28	2.76	5.57	8.33	0.34	7.20		0.79	8.33	1	GUADALUPE MAIN, MANASSA D NO. 3, ROMERO D
29	2.76	5.57	8.33	0.34	7.20		0.79	8.33	1	GUADALUPE MAIN, MANASSA D NO. 3, ROMERO D
30	2.76	5.57	8.33	0.34	7.20		0.79	8.33	1	GUADALUPE MAIN, MANASSA D NO. 3, ROMERO D
31	2.48	5.69	8.17	0.48	6.80		0.89	8.17	1	GUADALUPE MAIN, MANASSA D NO. 3, ROMERO D
Totals	85.28	172.79	258.07	10.68	216.78	19.36	11.25	258.07		

Table 3: Subdistrict No. 3 depletion obligation to the Alamosa River per Table 2.3 included in the 2023 approved Annual Replacement Plan. July 2023 depletion obligation total is 13.8 ac-ft. Total replacements/remedies are 13.91 ac-ft.

TABLE 3							
July	Alamosa River	Total Daily Depletion Obligation Ac-ft.	Replacement Sources		Total Daily Replacement/Remedy Ac-ft.	Priority No. Receiving Replacement/Remedy	Water District No. 21 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.		Forbearance SR 1 Ac-Ft.	EXPO SWSP Augmentation Credits SR 1 Ac-Ft.			
1	0.44	0.44	0.44		0.44	44	COTTONWOOD D
2	0.44	0.44	0.44		0.44	36	AROYA D
3	0.44	0.44	0.44		0.44	36	AROYA D
4	0.44	0.44	0.44		0.44	39	TERRACE MAIN CNL
5	0.44	0.44	0.44		0.44	38	UNION D
6	0.44	0.44	0.44		0.44	38	UNION D
7	0.44	0.44	0.44		0.44	36	AROYA D
8	0.44	0.44	0.44		0.44	36	AROYA D
9	0.44	0.44	0.44		0.44	36	AROYA D
10	0.44	0.44	0.44		0.44	32	ORTIZ D
11	0.44	0.44	0.44		0.44	26	RAMONA D
12	0.44	0.44	0.44		0.44	26	RAMONA D
13	0.44	0.44	0.44		0.44	26	RAMONA D
14	0.44	0.44	0.44		0.44	26	RAMONA D
15	0.44	0.44	0.44		0.44	17	SAN JOSE D 1
16	0.44	0.44	0.44		0.44	13	GARCIA D 2
17	0.44	0.44	0.38	0.06	0.44	11	GABINO GALLEGOS D
18	0.44	0.44	0.38	0.06	0.44	11	GABINO GALLEGOS D
19	0.44	0.44	0.38	0.06	0.44	11	GABINO GALLEGOS D
20	0.44	0.44	0.38	0.06	0.44	11	GABINO GALLEGOS D
21	0.44	0.44	0.44		0.44	10	CAPULIN D
22	0.44	0.44	0.44		0.44	10	CAPULIN D
23	0.44	0.44	0.44		0.44	10	CAPULIN D
24	0.44	0.44	0.44		0.44	10	CAPULIN D
25	0.44	0.44	0.44		0.44	10	CAPULIN D
26	0.44	0.44	0.44		0.44	10	CAPULIN D
27	0.44	0.44	0.44		0.44	10	CAPULIN D
28	0.44	0.44	0.44		0.44	10	CAPULIN D
29	0.44	0.44	0.44		0.44	10	CAPULIN D
30	0.44	0.44	0.44		0.44	10	CAPULIN D
31	0.71	0.71	0.71		0.71	10	CAPULIN D
Totals	13.91	13.91	13.67	0.24	13.91		