



Rio Grande Water Conservation District
Special Improvement District No. 3

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August 20, 2020

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

Per SWSP ID 6061, Table 1 illustrates all days during the month of July 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 36.89 ac-ft. The amount remaining in storage in Beaver Reservoir under SWSP 6062 is 25.16 ac-ft.

Replacement Operations on the Conejos

For the month of July 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 for the period July 1st-July 10th. Beginning on July 11th transit losses were 20% to Stream Reach 1 and 25% to Stream Reach 2. The following Table 2 illustrates the Subdistrict's daily replacement operations for the Conejos during the month of July 2020.

Per SWSP ID 6074, Table 2 illustrates all days during the month of July 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 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 440.34 ac-ft.

Per SWSP ID 6061, Table 2 illustrates all days during the month of July 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 33.697 ac-ft. The amount remaining in storage in Platoro Reservoir under SWSP 6061 is 1034.188 ac-ft.

Replacement Operations on the Alamosa

For the month of July 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 July 2020.

Per SWSP ID 6066, Table 3 illustrates all days during the month of July 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 July 2020. The total amount of this water used to cover daily injurious stream depletions, associated transit losses and evaporation losses on the Alamosa was 5.121 ac-ft. The amount remaining in storage in Terrace Reservoir under SWSP 6070 is 24.25 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. July 2020 depletion obligation total is 32.0 ac-ft. Total replacements/remedies total 31.93 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.	Pine River-Weminuche Pass TM SR 1, 2 & 3 Ac-Ft.	Closed Basin Project SR 1, 2 & 3 Ac-Ft.			
1	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
2	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
3	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
4	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	203	Loma Ditch (Rio Grande Canal)
5	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	209	Billings Ditch
6	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	209	Fish and Billings Ditches
7	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
8	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	209	Fish Ditch/Billings Ditch
9	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	198	Enterprise Ditch (Rio Grande Canal)
10	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	197	Biedel Ditch (Rio Grande Canal)
11	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	179	Schuch & Schmidt Ditch & Park & Green Ditch
12	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	178	Rio Grande Canal
13	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	174	Chicago Ditch
14	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	174	Chicago Ditch
15	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	174	Chicago Ditch
16	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	190	Minor Ditch
17	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	196	Chicago Ditch & Biedel Ditch (Rio Grande Canal)
18	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
19	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
20	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	209	Fish Ditch/Billings Ditch
21	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	202	Schacheral Ditch and Loma Ditch (Rio Grande Canal)
22	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	190	Minor Ditch
23	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	197	Biedel Ditch (Rio Grande Canal)
24	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	197	Biedel Ditch (Rio Grande Canal)
25	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
26	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
27	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
28	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
29	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
30	0.16	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
31	0.160	0.19	0.680	1.030	0.000	1.030	0.000	1.030	216A	Rio Grande Canal
Totals	4.960	5.890	21.080	31.930	0.000	31.930	0.000	31.930		

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. July 2020 depletion obligation total is 307.00 ac-ft. Total replacements/remedies total 307.082 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	Reservoir Release of TM Water SR 1, 2 & 3 Ac-Ft.	Closed Basin Project SR 1 & 2 Ac-Ft.			
1	2.519	7.379	9.898	0.000	8.192	1.706	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
2	2.519	7.379	9.898	0.000	9.533	0.357	0.000	9.890	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
3	2.519	7.379	9.898	0.000	9.533	0.357	0.000	9.890	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
4	2.519	7.379	9.898	0.000	9.533	0.357	0.000	9.890	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
5	2.519	7.379	9.898	0.000	9.533	0.377	0.000	9.910	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
6	2.519	7.379	9.898	0.000	9.533	0.377	0.000	9.910	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
7	2.519	7.379	9.898	0.000	9.533	0.377	0.000	9.910	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
8	2.519	7.379	9.898	0.000	9.533	0.377	0.000	9.910	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
9	2.519	7.379	9.898	0.000	9.412	0.496	0.000	9.908	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
10	2.519	7.379	9.898	0.000	9.412	0.476	0.000	9.888	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
11	2.519	7.379	9.898	0.000	9.412	0.496	0.000	9.908	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
12	2.519	7.379	9.898	0.000	9.412	0.476	0.000	9.888	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
13	2.519	7.379	9.898	0.000	9.412	0.496	0.000	9.908	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
14	2.519	7.379	9.898	0.000	9.898	0.000	0.000	9.898	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
15	2.519	7.379	9.898	0.000	9.898	0.000	0.000	9.898	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
16	2.519	7.379	9.898	0.000	9.898	0.000	0.000	9.898	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
17	2.519	7.379	9.898	0.000	9.898	0.000	0.000	9.898	1,8	Guadalupe Ditch, Manassa Ditch & Romero Ditch (SR1), Salazar Ditch (SR2)
18	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
19	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
20	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
21	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
22	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
23	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
24	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
25	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
26	2.519	7.379	9.898	0.000	9.533	0.365	0.000	9.898	2,8	Manassa Ditch and Headmill Ditch (SR1), Salazar Ditch (SR2)
27	2.519	7.379	9.898	0.000	2.476	7.438	0.000	9.914	16	Santiago Ditch & Manassa Ditch (SR 1 & SR 2)
28	2.519	7.379	9.898	0.000	9.898	0.000	0.000	9.898	27	San Juan/San Rafael Ditch (SR1 & SR2)
29	2.519	7.379	9.898	0.000	2.476	7.438	0.000	9.914	16	Santiago Ditch & Manassa Ditch (SR 1 & SR 2)
30	2.519	7.379	9.898	0.000	9.898	0.000	0.000	9.898	12	Del Puerticito Ditch (SR 1 & SR 2)
31	2.440	7.636	10.076	0.000	7.636	2.440	0.000	10.076	6,8	Seledonia Ditch (SR1) and Salazar Ditch (SR2)
Totals	78.010	229.015	307.025	0.000	279.756	27.326	0.000	307.082		

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. July 2020 depletion obligation total is 12.0 ac-ft. Total replacements/remedies total 12.009 ac-ft.

TABLE 3							
July	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	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
2	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
3	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
4	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
5	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
6	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
7	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
8	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
9	0.397	0.397	0.397	0.000	0.397	8	Terrace Main Canal
10	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
11	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
12	0.397	0.397	0.397	0.000	0.397	2	Terrace Main Canal
13	0.397	0.397	0.397	0.000	0.397	2	Terrace Main Canal
14	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
15	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
16	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
17	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
18	0.397	0.397	0.397	0.000	0.397	8	Terrace Main Canal
19	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
20	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
21	0.397	0.397	0.397	0.000	0.397	8	Terrace Main Canal
22	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
23	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
24	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
25	0.397	0.397	0.397	0.000	0.397	3	Alamosa Creek Canal
26	0.397	0.397	0.000	0.397	0.397	9	Valdez Ditch
27	0.397	0.397	0.397	0.000	0.397	10	Capulin Ditch
28	0.397	0.397	0.397	0.000	0.397	14	Terrace Main Canal
29	0.397	0.397	0.397	0.000	0.397	10	Capulin Ditch
30	0.397	0.397	0.397	0.000	0.397	10	Capulin Ditch
31	0.099	0.099	0.000	0.099	0.099	9	Valdez Ditch
Totals	12.009	12.009	7.543	4.466	12.009		