



Rio Grande Water Conservation District
Special Improvement District No. 2

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November 11, 2019

RE: Subdistrict No. 2 Replacement Water Accounting for the Month of October 2019

Dear Mr. Cotten,

The following Table 1 illustrates Subdistrict No. 2's accounting of its daily replacement operations for the month of October 2019 as required in Term and Condition No. 6 of the State Engineer's 2019 Annual Replacement Plan Approval Letter received on May 1, 2019. The table includes data regarding the following: daily and monthly Subdistrict No. 2 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 October 2019 Subdistrict No. 2 Replacement Operations

Under the direction of the Division No. 3 Division Engineer and the District 20 Water Commissioner, Subdistrict No. 2 replaced all projected injurious stream reach depletions on the Rio Grande on a daily basis for the month of October 2019 pursuant to the projected amounts calculated in corrected Table 2.3 which is included in the State Engineer's May 1, 2019, letter approving the 2019 Annual Replacement Plan. Replacement of injurious stream depletions began on May 1, 2019. For the month of October, Subdistrict No. 2 used excess augmentation credits from the City of Creede (SWSP 6094), William Squaw transbasin water or Santa Maria Reservoir Company water to make replacements to all injured water rights which did not have an approved Forbearance Agreement in place with the Subdistrict. Wet water replacements released from a pool of water held by the Subdistrict in Beaver Reservoir 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. Water used for replacements from the City of Creede's excess augmentation credits was delivered from a point on Willow Creek, as described in the lease between the District and the City of Creede, to cover depletions for the Subdistrict in Stream Reach 1 and included a loss to the top of Stream Reach 1 of 10%.

The following Table 1 illustrates the Subdistrict's daily replacement operations during the month of October 2019. A copy of this detailed accounting can also be found on the District's website at RGWCD.org under Subdistrict No. 2's Annual Replacement Plan link.

Per SWSP ID 6062, Table 1 illustrates all days during the month of October where Williams Squaw transbasin water was used to replace depletions caused by Subdistrict No. 2 Wells. The total amount of water used to cover daily injurious stream depletions and associated transit losses was 29.80 ac-ft. The amount remaining in storage in Beaver Reservoir and Rio Grande Reservoir under SWSP 6062 is 433.72 ac-ft.

Per SWSP ID 6094, Table 1 illustrates all days during the month of October where excess credits available under the City of Creede's augmentation plan were used to replace depletions caused by Subdistrict No. 2 Wells. The total amount of water used to cover daily injurious stream depletions and associated transit losses under SWSP 6094 was 28.892 ac-ft.

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. 2. She can be reached at (719) 589-6301.

Table 1: Subdistrict No. 2 depletion obligation to the Rio Grande River per Table 2,3 as corrected in the 2019 Annual Replacement Plan (ARP) Approval Letter received from the State Engineer on May 1, 2019. October 2019 depletion obligation total is 135.0 ac-ft. Total replacements/remedies total 135,036 ac-ft.

October	Rio Grande River			Replacement/Remedy Sources				Total Daily Depletion Obligation Ac-Ft.	Forbearance SR 1, 2 & 3 Ac-Ft.	SD 1			Williams Squaw TM Water SR 1, 2 & 3 Ac-Ft.			Creede Excess Augmentation Credits SR 1 only Ac-Ft.	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.	SMRC Ac-Ft.	SR 1, 2 & 3 Ac-Ft.	SR 1, 2 & 3 Ac-Ft.	SR 1, 2 & 3 Ac-Ft.			SR 1, 2 & 3 Ac-Ft.	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	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
2	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	192	Nichols Ditch					
3	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	190	Minor Ditch					
4	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	190	Minor Ditch					
5	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
6	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
7	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	176 & 178	Rio Grande Canal and Hermanthal Ditch					
8	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	192	Nichols Ditch					
9	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
10	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
11	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
12	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
13	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
14	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
15	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
16	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
17	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	198	Enterprise Ditch					
18	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	211 & 216-A	Rio Grande Canal and Lease, Davis & Bingle					
19	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	209	Fish Ditch and Billings Ditch (50%/50%)					
20	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	204 & 209	Fish Ditch and Billings Ditch (50%/50%)					
21	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	200, 202 & 203	Loma Ditch, Schocher Ditch and Rio Grande No. 2 Ditch					
22	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	198	Enterprise Ditch					
23	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	197	Biedel Ditch					
24	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	198	Enterprise Ditch					
25	3.323	1.194	-0.161	0	0	0	4.356	0	0	3.517	0.839	4.356	209	Fish Ditch and Billings Ditch (50%/50%)					
26	3.323	1.194	-0.161	0	0.295	0	4.356	0	0.295	3.222	0.839	4.356	209	Fish Ditch and Billings Ditch (50%/50%)					
27	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	216-A	Rio Grande Canal					
28	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	216-A	Rio Grande Canal					
29	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	216-A	Rio Grande Canal					
30	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	216-A	Rio Grande Canal					
31	3.323	1.194	-0.161	0	3.517	0	4.356	0	3.517	0	0.839	4.356	216-A	Rio Grande Canal					
	103.013	37.014	-4.991	0.000	81.186	27.841	135.036	0.000	81.186	27.841	26.009	135.036							

** Stream Reach 3 accretions were aggregated with Stream Reach 2 depletions for the month of October.