



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 12, 2019

**RE: Subdistrict No. 3 Replacement Water Accounting for the Month of June 2019**

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 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. 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 2019 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 2019 pursuant to the projected amounts calculated in Table 2.3 included in the approved 2019 Annual Replacement Plan. Replacement of injurious stream depletions began on May 1, 2019 on the Rio Grande, the Alamosa and the Conejos.

Replacement Operations on the Rio Grande

For the month of June 2019, Subdistrict No. 3 used Pine River-Weminuche Pass Ditch transbasin water or Santa Maria Reservoir Company 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 2019.

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 13.14 ac-ft. The amount remaining in storage in Beaver Reservoir under SWSP 6062 is 173.50 ac-ft. No water stored under this SWSP in Platoro Reservoir was used for stream replacements for the month of June 2019.

#### Replacement Operations on the Conejos

For the month of June 2019, Subdistrict No. 3 used approved Forbearance Agreements in place with the Subdistrict for the majority of the depletions owed for the month. Taos Valley No. 3 compact credit water was used 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 replacements made with Taos Valley No. 3 water included 7.5% to cover transit losses from the Taos Valley No. 3 heading to the compact gages. The following Table 2 illustrates the Subdistrict's daily replacement operations for the Conejos during the month of June 2019.

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 139.888 ac-ft. The amount remaining in the depletion bank for the remainder of the compact year under SWSP 6074 is 1667.458 ac-ft.

Per SWSP ID 6056, Subdistrict No. 3 began storing water from Priority No. 33 on the San Antonio when the water right was in priority and after Article VII restrictions were lifted. Storage began on May 14, 2019, at a rate of 3.7 c.f.s. a day for a total of 352.272 ac-ft. This water remains in storage and was not used to make replacements for the month of June 2019.

#### Replacement Operations on the Alamosa

For the month of June 2019, Subdistrict No. 3 used approved Forbearance Agreements in place with the Subdistrict for the majority of the depletions owed for the month. EXPO LLC augmentation credits were used to make replacements to injured water rights on the Alamosa which did not have an approved Forbearance Agreement in place with the Subdistrict until this source was entirely used up. The Subdistrict then used water stored in Terrace Reservoir under SWSP 6070 for the remainder of the June 2019 depletions owed for which the Subdistrict did not have an approved forbearance in place. The following Table 3 illustrates the Subdistrict's daily replacement operations for the Alamosa during the month of June 2019.

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 10.702 ac-ft. The amount of EXPO LLC augmentation credits remaining in storage under this SWSP is 0.00 ac-ft.

Per SWSP ID 6070, Subdistrict No. 3 began storing water in Terrace Reservoir from Priority No. 1, the El Viejo Ditch, when the water right was in priority. Storage beginning on June 1, 2019, at a rate of 0.672 c.f.s. a day totaled of 40.0 ac-ft. This SWSP includes a return flow and ditch loss requirement. Per this SWSP, during the month of June, 4.0 ac-ft. of the water right leased by the Subdistrict was left in the El Viejo Ditch to cover the ditch loss requirement and 7 ac-ft. was diverted from the ditch and measured into a recharge pit to cover the return flow requirement. A portion of the water stored under this SWSP was released during the month of June to cover injurious stream depletions on the Alamosa and 42.94 ac-ft. remains in storage in Terrace Reservoir.

A copy of this detailed accounting can be found on the District's website at [RGWCD.org](http://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 2019 Annual Replacement Plan (ARP). June 2019 depletion obligation total is 38 ac-ft. Total replacements/remedies total 38.01 ac-ft.

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.		Forbear Empire SR 1, 2 & 3 Ac-Ft.	Forbear MVC SR 1, 2 & 3 Ac-ft.	SD 1 SMRC Ac-Ft. SR 1, 2 & 3	Pine River-Werninuche Pass TM SR 1, 2 & 3 Ac-Ft.			
1	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	363-A	Rio Grande Canal
2	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-22E	Farmer's Union
3	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-30F	Farmer's Union
4	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-49D	Rio Grande Compact
5	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-49D	Rio Grande Canal
6	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-34G	Rio Grande Compact
7	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-34G	Farmers Union
8	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-34G	Rio Grande Compact
9	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1959-35	Stanley Knapp Pump
10	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1959-35	Stanley Knapp Pump
11	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-49D	Rio Grande Canal
12	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-49D	Rio Grande Compact
13	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1959-35	Stanley Knapp Pump
14	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1959-35	Stanley Knapp Pump
15	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1959-35	Stanley Knapp Pump
16	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1959-35	Stanley Knapp Pump
17	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-34E & 1903-34D	Prairie Ditch and San Luis Valley Canal
18	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-45C	Rio Grande Canal
19	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-45D	San Luis Valley Canal
20	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-37D & 1903-37C	Prairie Ditch and San Luis Valley Canal
21	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-30F	Farmer's Union
22	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-30F	Farmer's Union
23	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-41D	Prairie Ditch
24	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-30D	Prairie Ditch
25	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-22B	San Luis Valley Canal
26	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	365	Rio Grande Canal
27	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	365	Rio Grande Canal
28	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-22B	San Luis Valley Canal
29	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-22B	San Luis Valley Canal
30	0.167	0.233	0.867	1.267	0	0	1.267	0	1.267	1903-22B	San Luis Valley Canal
Totals	5.010	6.990	26.010	38.010	0.000	0.000	26.607	11.403	38.010		

**Table 2:** Subdistrict No. 3 depletion obligation to the Conejos River per Table 2.3 of the approved 2019 Annual Replacement Plan (ARP). June 2019 depletion obligation total is 244 ac-ft. Total replacements/remedies total 244.02 ac-ft.

June	Conejos River		Replacement Sources										Total Daily Depletion Obligation Ac-ft.	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.	Forbear Antonito Ditch SR 1 & 2	Forbear Ball Bros. No. 1 Ditch SR 1 & 2	Forbear Ephraim Ditch SR 1 & 2	Forbear Manassa Ditch SR 1 & 2	Forbear Mogote Ditch SR 1 & 2	Forbear Northeastern Ditch SR 1 & 2	Forbear Richfield Canal SR 1 & 2	Forbear Sanford Canal SR 1 & 2	Taos Valley No. 3 SR 1 & 2 Ac-Ft.						
1	3.067	5.067	0	0	0	0	0	8.134	0	0	0	0	0	0	8.134	66	Northeastern
2	3.067	5.067	0	0	0	0	0	8.134	0	0	0	0	0	0	8.134	82	Hughes
3	3.067	5.067	8.134	0	0	0	0	8.134	0	0	0	0	0	0	8.134	113	Antonito
4	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134	113	Antonito
5	3.067	5.067	8.134	0	0	0	0	8.134	0	0	0	0	0	0	8.134	115	Mogote
6	3.067	5.067	8.134	0	0	0	0	8.134	0	0	0	0	0	0	8.134	119	Northeastern
7	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
8	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
9	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
10	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
11	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
12	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
13	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
14	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
15	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
16	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
17	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
18	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
19	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134		Rio Grande Compact
20	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134	141	Taos Valley No. 3
21	3.067	5.067	8.134	0	0	0	0	0	8.134	0	0	0	0	0	8.134	118	Northeastern
22	3.067	5.067	8.134	0	0	0	0	0	8.134	0	0	0	0	0	8.134	115	Mogote
23	3.067	5.067	8.134	0	0	0	0	0	8.134	0	0	0	0	0	8.134	115	Mogote
24	3.067	5.067	8.134	0	0	0	0	0	8.134	0	0	0	0	0	8.134	115	Mogote
25	3.067	5.067	8.134	0	0	0	0	0	8.134	0	0	0	0	0	8.134	115	Mogote
26	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	8.134	0	8.134	104	Sanford
27	3.067	5.067	8.134	0	8.134	0	0	0	0	0	0	0	0	0	8.134	80	Ball Bros.
28	3.067	5.067	8.134	0	8.134	0	0	0	0	0	0	0	0	0	8.134	80	Ball Bros.
29	3.067	5.067	8.134	0	8.134	0	0	0	0	0	0	0	0	0	8.134	80	Ball Bros.
30	3.067	5.067	8.134	0	0	0	0	0	0	0	0	0	0	0	8.134	99	Bagwell
<b>Totals</b>	<b>92.01</b>	<b>152.01</b>	<b>16.268</b>	<b>24.402</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40.67</b>	<b>24.402</b>	<b>0</b>	<b>8.134</b>	<b>130.144</b>	<b>244.02</b>	<b>244.02</b>			

Table 3: Subdistrict No. 3 depletion obligation to the Alamosa River per Table 2.3 of the approved 2019 Annual Replacement Plan (ARP). June 2019 depletion obligation total is 23 ac-ft. Total replacements/remedies total 23.01 ac-ft.

June	Alamosa River		Replacement Sources					Total Required 2019 ARP	Priority No. Receiving Replacement/Remedy	Water District No. 21 Ditch Receiving Replacement/Remedy
	SR-1 Ac-Ft.	Total	Forbear Flintham Ditch SR 1	Forbear Gabino Gallegos Ditch SR 1	Forbear Alamosa Creek Canal SR 1	Faucette SWSP Water SR 1 Ac-Ft.	Expo LLC Augmentation Water SR 1 Ac-Ft.			
1	0.767	0.767						0.767	62	Union
2	0.767	0.767	0.767						69	Flintham
3	0.767	0.767			0.767				76	Alamosa Creek Canal
4	0.767	0.767						0.767	95	Head Overflow No. 5
5	0.767	0.767						0.767	100	Head Overflow No. 5
6	0.767	0.767						0.767	100	Head Overflow No. 5
7	0.767	0.767						0.767	100	Head Overflow No. 5
8	0.767	0.767						0.767	105	Empire Canal
9	0.767	0.767						0.767	105	Empire Canal
10	0.767	0.767		0.767				0.767	113	Gabino Gallegos
11	0.767	0.767						0.767	105	Empire Canal
12	0.767	0.767						0.767	105	Empire Canal
13	0.767	0.767						0.767	105	Empire Canal
14	0.767	0.767						0.767	105	Empire Canal
15	0.767	0.767						0.767	105	Empire Canal
16	0.767	0.767					0.04	0.727	105	Empire Canal
17	0.767	0.767					0.767		105	Empire Canal
18	0.767	0.767					0.767		105	Empire Canal
19	0.767	0.767					0.767		105	Empire Canal
20	0.767	0.767					0.767		105	Empire Canal
21	0.767	0.767					0.767		105	Empire Canal
22	0.767	0.767					0.767		105	Empire Canal
23	0.767	0.767					0.767		105	Empire Canal
24	0.767	0.767					0.767		86	Head Overflow No. 5
25	0.767	0.767					0.767		82	Cottonwood
26	0.767	0.767					0.767		95	Head Overflow No. 5
27	0.767	0.767					0.767		91.5	Head Overflow No. 5
28	0.767	0.767					0.767		100	Head Overflow No. 5
29	0.767	0.767					0.767			Rio Grande Compact
30	0.767	0.767					0.767			Rio Grande Compact
<b>Totals</b>	<b>23.01</b>	<b>23.01</b>	<b>0.767</b>	<b>0.767</b>	<b>0.767</b>	<b>10.778</b>	<b>9.931</b>	<b>23.01</b>		