



## Rio Grande Water Conservation District

### Special Improvement District No. 3

8805 Independence Way • Alamosa, Colorado 81101

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July 12, 2023

**RE: CORRECTED Subdistrict No. 3 Replacement Water Accounting for the Month of June 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 June 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 June 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 June 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 June 2023, Subdistrict No. 3 used Nelson Tunnel 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 June 2023.

Table 1 illustrates all days during the month of June 2023 in which Nelson Tunnel 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 6.3 ac-ft. The amount of Nelson Tunnel water remaining in storage in Beaver Reservoir is 1.4 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 6.35 ac-ft.

### Replacement Operations on the Conejos

For the month of June 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 1<sup>st</sup>, 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 June 2023.

Per SWSP ID 6074, Table 2 illustrates all days during the month of June 2023 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 77.66 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 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 175 ac-ft.

Per SWSP ID 6061, Table 2 illustrates all days during the month of May 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 0.00 ac-ft. The amount remaining in storage in Platoro Reservoir under SWSP 6061 is 729.17 ac-ft.

### Replacement Operations on the Alamosa

For the month of June 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 June 2023.

Per SWSP ID 6066, Table 3 illustrates all days during the month of June 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 3.47 ac-ft. The amount of EXPO LLC augmentation credits remaining in storage under this SWSP is 72.55 ac-ft.

Table 3 illustrates all days during the month of June 2023 in which Taos Valley No. 3 Depletion Bank Credits were used to pay depletions on the Rio Grande River when the Rio Grande Compact was the calling right. The total amount of water used to cover injurious stream depletions on the Rio Grande River was 1.39 ac-ft.

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 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. June 2023 depletion obligation total is 38.0 ac-ft. Total replacements/remedies total 38.02 ac-ft.

TABLE 1											
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.		Forbearance SR 1, 2 & 3 Ac-Ft.	Subdistrict No. 3 Nelson Tunnel SR 1, 2 & 3 Ac-Ft.	Taos Valle No. 3 Credits 1, 2 & 3 Ac-Ft.	SR			
1	0.179	0.238	0.853	1.270			1.270	1.270	1903-37D	PRAIRIE D	
2	0.179	0.238	0.853	1.270	1.270			1.270	1903-30A	MONTE VISTA CNL	
3	0.179	0.238	0.853	1.270	1.270			1.270	1903-24A	MONTE VISTA CNL	
4	0.179	0.238	0.853	1.270			1.270	1.270	1903-22C	PRAIRIE D	
5	0.179	0.238	0.853	1.270			1.270	1.270	1903-22B	SAN LUIS VALLEY CNL	
6	0.179	0.238	0.853	1.270	1.270			1.270	1903-22E	FARMERS UNION CNL	
7	0.179	0.238	0.853	1.270	1.270			1.270	1903-30F	FARMERS UNION CNL	
8	0.179	0.238	0.853	1.270			1.270	1.270	1903-41D	PRAIRIE D	
9	0.179	0.238	0.853	1.270			1.270	1.270	1903-34D	SAN LUIS VALLEY CNL	
10	0.179	0.238	0.853	1.270	1.270			1.270	1903-30F	FARMERS UNION CNL	
11	0.179	0.238	0.853	1.270	1.270			1.270	1903-24F	FARMERS UNION CNL	
12	0.179	0.238	0.853	1.270	1.270			1.270	1903-24F	FARMERS UNION CNL	
13	0.179	0.238	0.853	1.270		1.270		1.270	1903-24E	PRAIRIE D	
14	0.179	0.238	0.853	1.270	1.270			1.270	1903-22E	FARMERS UNION CNL	
15	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
16	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
17	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
18	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
19	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
20	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
21	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
22	0.179	0.238	0.853	1.270	1.270			1.270	365	RIO GRANDE CNL	
23	0.179	0.238	0.853	1.270	1.270			1.270	363-A	RIO GRANDE CNL	
24	0.179	0.238	0.853	1.270	1.270			1.270	361-B	EMPIRE CNL	
25	0.179	0.238	0.853	1.270	1.270			1.270	338 1/2A	RIO GRANDE CNL	
26	0.179	0.238	0.853	1.270		1.270		1.270	297	PRAIRIE D	
27	0.179	0.238	0.853	1.270		1.270		1.270	293	COSTILLA D	
28	0.179	0.238	0.853	1.270		1.270		1.270	297	PRAIRIE D	
29	0.179	0.238	0.853	1.270	1.270			1.270	312-A	RIO GRANDE CNL	
30	0.020	0.298	0.873	1.191		1.191		1.191	297	PRAIRIE D	
<b>Totals</b>	<b>5.197</b>	<b>7.200</b>	<b>25.610</b>	<b>38.021</b>	<b>25.400</b>	<b>6.271</b>	<b>6.350</b>	<b>38.021</b>			

Table 2: Subdistrict No. 3 depletion obligation to the Conejos River per Table 2.3 included in the 2023 approved Annual Replacement Plan. June 2023 depletion obligation total is 220.5 ac-ft. Total replacements/remedies are 220.48 ac-ft.

Table 2									
June	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.	Taos Valley No. 3 Depletion Bank Credits SR 1 & 2 Ac-Ft.			
1	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
2	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
3	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
4	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
5	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
6	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
7	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
8	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
9	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
10	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
11	2.717	4.641	7.358	0.298		7.060	7.358	n/a	COMPACT
12	2.717	4.641	7.358	0.298	7.060		7.358	141	TAOS VALLEY NO. 3
13	2.717	4.641	7.358	0.298	7.060		7.358	115	MOGOTE
14	2.717	4.641	7.358	0.298	7.060		7.358	108	ALAMO D
15	2.717	4.641	7.358	0.298	7.060		7.358	108	ALAMO D
16	2.717	4.641	7.358	0.298	7.060		7.358	104	SANFORD D
17	2.717	4.641	7.358	0.298	7.060		7.358	80	BALL BROS OVERFLOW NO 1
18	2.717	4.641	7.358	0.298	7.060		7.358	80	BALL BROS OVERFLOW NO 1
19	2.717	4.641	7.358	0.298	7.060		7.358	80	BALL BROS OVERFLOW NO 1
20	2.717	4.641	7.358	0.298	7.060		7.358	80	BALL BROS OVERFLOW NO 1
21	2.717	4.641	7.358	0.298	7.060		7.358	80	BALL BROS OVERFLOW NO 1
22	2.717	4.641	7.358	0.298	7.060		7.358	80	BALL BROS OVERFLOW NO 1
23	2.717	4.641	7.358	0.298	7.060		7.358	80	BALL BROS OVERFLOW NO 1
24	2.717	4.641	7.358	0.298	7.060		7.358	81	BALL BROS OVERFLOW NO 2
25	2.717	4.641	7.358	0.298	7.060		7.358	81	BALL BROS OVERFLOW NO 2
26	2.717	4.641	7.358	0.298	7.060		7.358	81	BALL BROS OVERFLOW NO 2
27	2.717	4.641	7.358	0.298	7.060		7.358	60	A D ARCHULETA D
28	2.717	4.641	7.358	0.298	7.060		7.358	56	EPHRAIM D
29	2.717	4.641	7.358	0.298	7.060		7.358	56	EPHRAIM D
30	2.598	4.503	7.101	0.258	6.843		7.101	56	EPHRAIM D
<b>Totals</b>	<b>81.391</b>	<b>139.092</b>	<b>220.483</b>	<b>8.900</b>	<b>133.923</b>	<b>77.660</b>	<b>220.483</b>		

Table 3: Subdistrict No. 3 depletion obligation to the Alamosa River per Table 2.3 included in the 2023 approved Annual Replacement Plan. June 2023 depletion obligation total is 20.7 ac-ft. Total replacements/remedies are 20.70 ac-ft.

TABLE 3								
June	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.	EXPO SWSP Augmentation Credits SR 1 Ac-Ft.	Taos Valley No. 3 Depletion Bank Credits for SR3 on the Rio Grande River			
1	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
2	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
3	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
4	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
5	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
6	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
7	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
8	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
9	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
10	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
11	0.694	0.694	0.694			0.694	105	EMPIRE CANAL-ALAMOSA
12	0.694	0.694			0.694	0.694	n/a	COMPACT
13	0.694	0.694			0.694	0.694	n/a	COMPACT
14	0.694	0.694	0.694			0.694	112	TERRACE MAIN CNL
15	0.694	0.694	0.694			0.694	76	ALAMOSA CR CNL
16	0.694	0.694			0.694	0.694	89	MADRIL D
17	0.694	0.694			0.694	0.694	95	HEAD OVFL D 5
18	0.694	0.694			0.694	0.694	95	HEAD OVFL D 5
19	0.694	0.694			0.694	0.694	95	HEAD OVFL D 5
20	0.694	0.694	0.694			0.694	85	ALAMOSA CR CNL
21	0.694	0.694			0.694	0.694	93	HEAD OVFL D 5
22	0.694	0.694	0.694			0.694	71	ALAMOSA CR CNL
23	0.694	0.694	0.694			0.694	71	ALAMOSA CR CNL
24	0.694	0.694	0.694			0.694	71	ALAMOSA CR CNL
25	0.694	0.694	0.694			0.694	60	HEAD OVFL D 5
26	0.694	0.694	0.694			0.694	60	HEAD OVFL D 5
27	0.694	0.694	0.694			0.694	67	UNION D
28	0.694	0.694	0.694			0.694	68	NORLAND D
29	0.694	0.694	0.694			0.694	60	HEAD OVFL D 5
30	0.575	0.575	0.575			0.575	40	NORTH ALAMOSA D
<b>Totals</b>	<b>20.701</b>	<b>20.701</b>	<b>15.843</b>	<b>3.470</b>	<b>1.388</b>	<b>20.701</b>		