



Rio Grande Water Conservation District

Special Improvement District No. 3

8805 Independence Way • Alamosa, Colorado 81101

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May 13, 2024

RE: Subdistrict No. 3 Replacement Water Accounting for the Month of April 2024

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 April 2024 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 April 2024 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 River, and Conejos River on a daily basis for the month of April 2024 pursuant to the projected amounts calculated in Table 2.3 included in the approved 2023 Preliminary Water Report. Replacement of injurious stream depletions began on May 1, 2023 on the Rio Grande, the Alamosa River, and the Conejos River.

Subdistrict No. 3 made additional replacements during April 2024 to cover injurious stream depletion shortages identified in the approved 2023 Preliminary Water Report. The release made on the Rio Grande occurred on April 4th, was 4.45 acre-feet to Stream Reach No. 1, and was made out of Beaver Reservoir. This release included 5% to cover the transit loss occurring between the reservoir and the head of Stream Reach No. 1. The release made on the Alamosa River occurred on April 16th, was 0.31 acre-feet, and was made out of Terrace Reservoir. The releases made on the Conejos River occurred on April 28th and 29th, was a total of 20.57 acre-feet to Stream Reach No. 1, and was made out of Platoro Reservoir. This release included 10% to cover the transit loss occurring between the reservoir and the head of Stream Reach No. 1.

Subdistrict No. 3 also made additional replacements of 4.32 acre-feet to Stream Reach No. 1, 6.21 acre-feet to Stream Reach No. 2, and 23.17 acre-feet to Stream Reach No. 3 out of Rio Grande Reservoir between April 26th and April 30th to remedy injurious stream depletions not covered by Closed Basin Project production. The releases to Stream Reach No. 1 included 10%, releases to Stream Reach No. 2 included 15%, and releases to Stream Reach No. 3 included 20% to cover the transit loss that occurs between the reservoir and the head of the respective Stream Reaches.

Replacement Operations on the Rio Grande

For the month of April 2024, Subdistrict No. 3 used 14.39 acre-feet of Taos Valley No. 3 water stored in 2022 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. During the irrigation season, wet water replacements are released from the pool of water held by the Subdistrict in Beaver Reservoir. These 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 April 2024.

Replacement Operations on the Conejos

For the month of April 2024, Subdistrict No. 3 used 18.09 acre-feet of Taos Valley No. 3 water stored in 2022 and 1.39 acre-feet of accretions attributable to the Town of Antonito to make replacements to all injured water rights on the Conejos River which did not have an approved Forbearance Agreement in place with the Subdistrict. 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 April 2024.

Per SWSP ID 6074, Table 2 illustrates all days during the month of April 2024 in which Taos Valley No. 3 water rights were used to replace depletions caused by Subdistrict No. 3 wells. The total amount used to cover injurious stream depletions and associated transit losses on the Rio Grande and Conejos River was 107.68 ac-ft. The amount remaining in storage in Platoro Reservoir is 122.1 ac-ft. The amount remaining in storage in Rio Grande and Beaver Reservoir is 525.2 ac-ft.

Under SWSP ID 6056, leased BLM Lovato 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 April. 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 in Platoro Reservoir is 175 ac-ft.

Per SWSP ID 6061, Table 2 illustrates all days during the month of April 2024 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 Rio Grande and Conejos River was 0.0 ac-ft. The amount remaining in storage in Platoro Reservoir under is 537.0 ac-ft. The amount remaining in storage in Rio Grande Reservoir is 40.9 ac-ft.

Per SWSP ID 9364, Table 2 illustrates all days during the month of April 2024 in which Alpha Hay Farms 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 0.0 ac-ft. The amount remaining in storage in Platoro Reservoir under SWSP 9364 is 433.91 ac-ft.

Replacement Operations on the Alamosa

For the month of April 2024, Subdistrict No. 3 used 0.12 acre-feet of stored EXPO Augmentation water to make replacements to all injured water rights on the Alamosa River 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 April 2024.

Per SWSP ID 6066, Table 3 illustrates all days during the month of April 2024 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 River as 0.43 ac-ft. The amount remaining in storage in Terrace Reservoir under SWSP 9364 is 58.68 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.

April 2024 Replacement Accounting for the Rio Grande River																	
Date		4/1	4/2	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16
Calling Priority Number		174	195	165	188,998	216-A	216-A	216-A	190	190	187	192	198	216-A	216-A	224	216-A
Calling Ditch Name		CHICAGO D	KANE CALLAN D	WESTSIDE D	SCHACHERAL D,PWR Shortages	RIO GRANDE CNL	RIO GRANDE CNL	RIO GRANDE CNL	MINOR D	MINOR D	BAUER D,EHROWITZ D	NICHOLD	ENTERPRISE D	RIO GRANDE CNL	RIO GRANDE CNL	MONTE VISTA CNL	RIO GRANDE CNL
Daily Depletion (AF)	SR1	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168
	SR2	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241
	SR3	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899
Total Daily Depletion (AF)		1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308
Forbearance Payments (AF)		0	0	0	0	1.308	1.308	1.308	0	0	0	0	1.308	1.308	1.308	1.308	1.308
Water Payments (AF)		1.308	1.308	1.308	5.758	0	0	0	1.308	1.308	1.308	1.308	0	0	0	0	0
Water Payments by Source (AF)	TV3 Storage, 2022	1.308	1.308	1.308	5.758	0	0	0	1.308	1.308	1.308	1.308	0	0	0	0	0
Total Payments (AF)		1.308	1.308	1.308	5.758	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308

Date		4/17	4/18	4/19	4/20	4/21	4/22	4/23	4/24	4/25	4/26	4/27	4/28	4/29	4/30		Total
Calling Priority Number		216-A	224	236-A	241	241	270	297	314	358	344,997	297,997	262,997	236-A,997	236-A,997	0	
Calling Ditch Name		RIO GRANDE CNL	MONTE VISTA CNL	EMPIRE CNL	RIO GRANDE PIEDRA VLY D	RIO GRANDE PIEDRA VLY D	SAN LUIS VALLEY CNL	PRAIRIE D	FARMERS UNION CNL	MONTE VISTA CNL	RIO GRANDE CNL,CBP Shortages	PRAIRIE D,CBP Shortages	EXCELSIOR D,CBP Shortages	EMPIRE CNL,CBP Shortages	EMPIRE CNL,CBP Shortages	0	
Daily Depletion (AF)	SR1	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0.168	0	5.04
	SR2	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0	7.23
	SR3	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0.899	0	26.97
Total Daily Depletion (AF)		1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	0	39.24
Forbearance Payments (AF)		1.308	1.308	1.308	1.308	1.308	0	0	1.308	1.308	1.308	0	1.308	1.308	1.308	0	24.852
Water Payments (AF)		0	0	0	0	0	1.308	1.308	0	0	6.725	8.033	6.725	6.725	6.825	0	52.563
Water Payments by Source (AF)	TV3 Storage, 2022	0	0	0	0	0	1.308	1.308	0	0	6.725	8.033	6.725	6.725	6.825	0	52.563
Total Payments (AF)		1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	1.308	8.033	8.033	8.033	8.033	8.133	0	77.415

Table 1: Subdistrict No. 3 depletion obligation to the Rio Grande River per Table 2.3 included in the 2023 approved Preliminary Water Report. April's 2024 depletion obligation total is 39.24 ac-ft. April's total replacements/remedies are 77.415 ac-ft.

April 2024 Replacement Accounting for the Conejos River																	
Date		4/1	4/2	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16
Calling Priority Number		1	2	3	3	5	5	2	2	2	2	2	2	8	16	16	16
Calling Ditch Name		GUADALUPE MAIN,MANASSA D NO 3,ROMERO D	MANASSA D NO 3	EL CODA D	EL CODA D	MANASSA D NO 3,SERVIETTA D	MANASSA D NO 3,SERVIETTA D	MANASSA D NO 3	MANASSA D NO 3	MANASSA D NO 3	MANASSA D NO 3	MANASSA D NO 3	MANASSA D NO 3	SALAZAR D	MANASSA D NO 3	MANASSA D NO 3	MANASSA D NO 3
Daily Depletion (AF)	SR1	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044
	SR2	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827
Total Daily Depletion (AF)		4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871
Forbearance Payments (AF)		4.871	4.871	0	0	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871
Water Payments (AF)		0	0	4.871	4.871	0	0	0	0	0	0	0	0	0	0	0	0
Water Payments by Source (AF)	Ant Acc	0	0	0.348	0.348	0	0	0	0	0	0	0	0	0	0	0	0
	TV3 Storage, 2022	0	0	4.523	4.523	0	0	0	0	0	0	0	0	0	0	0	0
Total Payments (AF)		4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871

Date		4/17	4/18	4/19	4/20	4/21	4/22	4/23	4/24	4/25	4/26	4/27	4/28	4/29	4/30		Total
Calling Priority Number		16	20	22	27	28	35	39	50,28	60	56	48	34,998	34,998	34	0	
Calling Ditch Name		MANASSA D NO 3	OVERFLOW D	CANON IRRIGATING D	SAN JUAN SAN RAFAEL D	SAN RAFAEL CONEJOS D	BERNARDO ROMERO D	SABINE SCHOOL SECTION D	WILLIAM SABINE D NO 1,SAN RAFAEL CONEJOS D	A D ARCHULETA D	EPHRAIM D	MANASSA D,MANASSA D NO 3	ROMERO D,PWR Shortages	ROMERO D,PWR Shortages	ROMERO D	0	
Daily Depletion (AF)	SR1	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	1.044	0	31.32
	SR2	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	0	114.81
Total Daily Depletion (AF)		4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	0	146.13
Forbearance Payments (AF)		4.871	4.871	4.871	4.871	0	4.871	4.871	0	4.871	4.871	4.871	4.871	4.871	4.871	0	126.646
Water Payments (AF)		0	0	0	0	4.871	0	0	4.871	0	0	0	10.285	10.285	0	0	40.054
Water Payments by Source (AF)	Ant Acc	0	0	0	0	0.348	0	0	0.348	0	0	0	0	0	0	0	1.392
	TV3 Storage, 2022	0	0	0	0	4.523	0	0	4.523	0	0	0	10.285	10.285	0	0	38.662
Total Payments (AF)		4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	4.871	15.156	15.156	4.871	0	166.7

Table 2: Subdistrict No. 3 depletion obligation to the Conejos River per Table 2.3 included in the 2023 approved Preliminary Water Report. April's 2024 depletion obligation total is 146.13 ac-ft. April's total replacements/remedies are 166.7 ac-ft.

April 2024 Replacement Accounting for the Alamosa River																	
Date		4/1	4/2	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16
Calling Priority Number		2	11	1	1	3	8	8	8	3	3	8	8	10	10	10	13,997
Calling Ditch Name		TERRACE MAIN CNL	GABINO GALLEGOS D	EL VIEGO D	ALAMOSA CR CNL,EL VIEGO D	ALAMOSA CR CNL	TERRACE MAIN CNL	TERRACE MAIN CNL	TERRACE MAIN CNL	ALAMOSA CR CNL	ALAMOSA CR CNL	TERRACE MAIN CNL	TERRACE MAIN CNL	CAPULIN D	CAPULIN D	CAPULIN D	GARCIA D 2,PWR Shortages
Daily Depletion (AF)	SR1	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664
Total Daily Depletion (AF)		0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664
Forbearance Payments (AF)		0.664	0.543	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664
Water Payments (AF)		0	0.121	0	0	0	0	0	0	0	0	0	0	0	0	0	0.31
Water Payments by Source (AF)	EXPO Aug Water 1	0	0.121	0	0	0	0	0	0	0	0	0	0	0	0	0	0.31
Total Payments (AF)		0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.974
Date		4/17	4/18	4/19	4/20	4/21	4/22	4/23	4/24	4/25	4/26	4/27	4/28	4/29	4/30		Total
Calling Priority Number		13	15	15	27	27	27	27	36	41	41	41	37	27	27	0	
Calling Ditch Name		GARCIA D 2	CRISTOBAL REVERA D,ALAMOSA CR CNL	CRISTOBAL REVERA D,ALAMOSA CR CNL	HEAD OVFL D 5	HEAD OVFL D 5	HEAD OVFL D 5	HEAD OVFL D 5	AROYA D	ALAMOSA SPRG CR D	ALAMOSA SPRG CR D	ALAMOSA SPRG CR D	ALAMOSA CR CNL,TERRACE MAIN CNL,T K WALSH D	HEAD OVFL D 5	HEAD OVFL D 5	0	
Daily Depletion (AF)	SR1	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0	19.92
Total Daily Depletion (AF)		0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0	19.92
Forbearance Payments (AF)		0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0	19.799
Water Payments (AF)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.431
Water Payments by Source (AF)	EXPO Aug Water 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.431
Total Payments (AF)		0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0	20.23

Table 3: Subdistrict No. 3 depletion obligation to the Alamosa River per Table 2.3 included in the 2023 approved Preliminary Water Report. April's 2024 depletion obligation total is 19.92 ac-ft. April's total replacements/remedies are 20.23 ac-ft.