



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 9-10-2018

RE: Subdistrict No. 1 Replacement Water Accounting for the month of August, 2018.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of August, 2018. As per the Terms and Condition No. 7 of the 2018 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Kevin Rein April 30, 2018, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of August 2018 Replacement Water Operations:

Under the direction of the Division 3 Division Engineer and the District 20 Water Commissioner, Subdistrict No. 1 continued replacing projected stream reach depletions on the Rio Grande for the month of August on a daily basis pursuant to the amounts presented in the approved Subdistrict's 2018 ARP. Subdistrict No.1 August's replacement Water Plan began with a release to the river from the approved Williams Creek Squaw Pass trans-mountain water account held in Rio Grande Reservoir on July 31st in the amount including transit loss of 4.88 ac-ft. /day for projected depletion obligations beginning August 1 in Stream Reach 1 and 2 on the Rio Grande. Subdistrict No. 1 continued to do a monthly release from the Santa Maria reservoir per the SMRC SWSP ID 5491 from the Division of Water Resources for 2017 leased shares by Subdistrict No. 1. The monthly released amount for May-October (6 months) will be .305 ac-ft. August's accretion release took place on August 30st for delivery on August 31st.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during August, 2018. Detailed accounting for daily administration can also be found on the Rio Grande Water Conservation District's website (<http://rgwcd.org>) under Subdistrict No. 1 Annual Replacement Plan.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the accepted 2018 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2018 ARP Year submitted to the Colorado State Engineer's Office on April 13, 2018. August 2018 Depletion Obligation Total: 94 ac-ft. August 2018 Replacement Operation Total: 151.585 ac-ft (all units' are in acre feet).

<i>Date</i>	<i>Depletion Obligation</i>			Table 1							<i>SD #1 Replacement Water Sources</i>			
August	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Required 2018 ARP	Forbear SLVID SR 1&2 Ac-ft.	Forbear SLVC SR 1&2 Ac-ft.	Forbear MVC SR 1&2 Ac-ft.	SLVID Tabor D 2 TM SR 1&2 Ac-ft.	Exchange from SR 3 to SR 2 UNAVAILABLE	William Cr. Squaw TM SR 1 & 2 Ac-ft	CBP Allocation SR 3 Ac-ft.	Accretion Exchange from SMRC SR1 & SR2 Ac-Ft.	Accretion Exchange From SMRC SR 3 Ac-ft.	Total
1	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
2	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
3	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
4	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
5	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
6	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
7	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
8	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
9	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
10	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
11	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
12	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
13	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
14	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
15	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
16	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
17	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
18	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
19	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
20	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
21	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
22	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
23	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
24	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
25	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
26	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
27	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
28	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
29	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
30	3.193	1.129	-1.29		0	0	0	0		4.88		0		4.88
31	3.193	1.129	-1.29		0	0	0	0		4.88		.305		5.185
Totals	99	35	-40*	94						151.28		.305		151.585

*Negative Depletions were not utilized to remedy Stream Reach 1 or 2 depletions.

Table 2: District 20 Rio Grande River Call for August 2018 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

Table 2

August	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	146	RIO GRANDE PIEDRA VLY D (RIO GRANDE)	No Forbearance in August 2018
2	144	ATENCIO D 2 (RIO GRANDE)	0
3	141	HORNER YDREN D (RIO GRANDE)	0
4	143	ANDERSON D (RIO GRANDE)	0
5	143	ANDERSON D (RIO GRANDE)	0
6	138	NICHOL D (RIO GRANDE)	0
7	105	MEADOW GLEN D (RIO GRANDE)	0
8	105	INDEPENDENT D 2 (RIO GRANDE)	0
9	105	INDEPENDENT D 2 (RIO GRANDE)	0
10	105	MINOR D (RIO GRANDE)	0
11	105	INDEPENDENT D 2 (RIO GRANDE)	0
12	105	INDEPENDENT D 2 (RIO GRANDE)	0
13	90	ATKINS D (RIO GRANDE)	0
14	90	ATKINS D (RIO GRANDE)	0
15	74	EXCELSIOR D (RIO GRANDE)	0
16	83	RIO GRANDE D 2 (RIO GRANDE)	0
17	90	ATKINS D (RIO GRANDE)	0
18	105	MINOR D (RIO GRANDE)	0
19	105	MINOR D (RIO GRANDE)	0
20	105	MINOR D (RIO GRANDE)	0
21	74	EXCELSIOR D (RIO GRANDE)	0
22	74	EXCELSIOR D (RIO GRANDE)	0
23	83	RIO GRANDE D 2 (RIO GRANDE)	0
24	105	MINOR D (RIO GRANDE)	0
25	83	RIO GRANDE D 2 (RIO GRANDE)	0
26	74	EXCELSIOR D (RIO GRANDE)	0
27	90	ATKINS D (RIO GRANDE)	0
28	90	ATKINS D (RIO GRANDE)	0
29	90	ATKINS D (RIO GRANDE)	0
30	81	OFF D (RIO GRANDE)	0
31	74	EXCELSIOR D (RIO GRANDE)	0

Contact person responsible for the operation and accounting for Subdistrict No. 1:

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