



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 11-11-2021

RE: Subdistrict No. 1 Replacement Water Accounting for the month of October, 2021.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of October, 2021. As per the Terms and Condition No. 7 of the 2021 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 May 1, 2021, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of October 2021 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 2021 ARP. On September 1st, the ditches on the Rio Grande continued diverting water for the 2021 Irrigation Season. Subdistrict No. 1 began a reservoir release on September 1st from the Santa Maria water pool stored in the Santa Maria Reservoir in the amount of 1.435 ac-ft. / day to begin replacing projected depletion obligations in Stream Reach 2. There were no positive depletions in Stream Reach 1 or Stream Reach 3 identified in the response function in October, but rather accretions back to the river within these reaches.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during October, 2021. 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 2021 Annual Replacement Plan (ARP): Subdistrict No. 1 Monthly Stream Replacement Obligation for 2021 ARP Year submitted to the Colorado State Engineer’s Office on April 15, 2021. October 2021 Depletion Obligation Total: 44 ac-ft. 2021 Replacement Operation Total: 44 ac-ft (all units’ are in acre feet).

Table 1

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>									
October	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Required 2021 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	Santa Maria depletion Pool SR 2 Ac-ft	CBP Allocation SR 1, 2 & 3 Ac-ft.	Accretion Exchange from SMRC SR1 & SR3 Ac-Ft.	Accretion Exchange From SMRC SR 2Ac-ft.	Total
1	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
2	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
3	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
4	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
5	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
6	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
7	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
8	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
9	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
10	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
11	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
12	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
13	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
14	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
15	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
16	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
17	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
18	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
19	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
20	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
21	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
22	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
23	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
24	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
25	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
26	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
27	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
28	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
29	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
30	-0.282	2.269	-0.552		0	0	0	0				-0.834	2.269	1.144
31	-0.282	2.269	-0.552									-0.834	2.269	1.144
Totals	-8.73	70.33	-17.12	44								-25.85	70.34	44.5

Table 2: District 20 Rio Grande River Call for October 2021 taken from the Colorado Division of Water Resources Preliminary Rio Grande Daily Report – Division 3, District 20.

Table 2

October	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	146	RIO GRANDE PIDERA VLY D (RIO GRANDE)	No Forbearance in October 2021
2	163	EXCELSIOR D (RIO GRANDE)	0
3	163	EXCELSIOR D (RIO GRANDE)	0
4	163	EXCELSIOR D (RIO GRANDE)	0
5	163	EXCELSIOR D (RIO GRANDE)	0
6	163	EXCELSIOR D (RIO GRANDE)	0
7	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
8	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
9	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
10	173	CENTENNIAL D (RIO GRANDE)	0
11	163	EXCELSIOR D (RIO GRANDE)	0
12	163	EXCELSIOR D (RIO GRANDE)	0
13	163	EXCELSIOR D (RIO GRANDE)	0
14	163	EXCELSIOR D (RIO GRANDE)	0
15	173	CENTENNIAL D (RIO GRANDE)	0
16	166	INDEPENDENT D (RIO GRANDE)	0
17	174	CHICAGO D (RIO GRANDE)	0
18	174	CHICAGO D (RIO GRANDE)	0
19	174	CHICAGO D (RIO GRANDE)	0
20	178	RIO GRANDE CNL (RIO GRANDE)	0
21	174	CHICAGO D (RIO GRANDE)	0
22	174	CHICAGO D (RIO GRANDE)	0
23	166	INDEPENDENT D (RIO GRANDE)	0
24	166	INDEPENDENT D (RIO GRANDE)	0
25	163	EXCELSIOR D (RIO GRANDE)	0
26	163	EXCELSIOR D (RIO GRANDE)	0
27	174	CHICAGO D (RIO GRANDE)	0
28	178	RIO GRANDE CNL (RIO GRANDE)	0
29	178	CHICAGO D (RIO GRANDE)	0
30	174	CHICAGO D (RIO GRANDE)	0
31	174	CHICAGO D (RIO GRANDE)	0

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

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