



Rio Grande Water Conservation District

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Protecting & Conserving San Luis Valley Water

Date: 10-14-2021

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

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of September, 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 September 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 1.562 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 September, 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 September, 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. September 2021 Depletion Obligation Total: 17 ac-ft. 2021 Replacement Operation Total: 17 ac-ft (all units’ are in acre feet).

Table 1

<i>Date</i>	<i>Depletion Obligation</i>				<i>SD #1 Replacement Water Sources</i>									
September	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Require d 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	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
2	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
3	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
4	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
5	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
6	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
7	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
8	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
9	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
10	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
11	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
12	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
13	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
14	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
15	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
16	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
17	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
18	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
19	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
20	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
21	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
22	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
23	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
24	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
25	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
26	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
27	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
28	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
29	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
30	-174	1.905	-169		0	0	0	0				-343	1.905	1.562
Totals	-5.21	57.14	-5.08	47								-10.29	57.15	47

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

Table 2

September	Last Priority Served From Direct Flow	District 20 Ditch / Reservoir Being Served	Max CFS in Priority During Forbearance
1	141	HORNER YDREN D (RIO GRANDE)	No Forbearance in September 2021
2	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
3	163	EXCELSIOR D (RIO GRANDE)	0
4	163	EXCELSIOR D (RIO GRANDE)	0
5	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
6	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
7	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
8	146	RIO GRANDE PIEDRA VLY (RIO GRANDE)	0
9	141	HORNER YDREN D (RIO GRANDE)	0
10	105	MINOR D (RIO GRANDE)	0
11	105	MINOR D (RIO GRANDE)	0
12	105	MINOR D (RIO GRANDE)	0
13	105	MINOR D (RIO GRANDE)	0
14	105	MINOR D (RIO GRANDE)	0
15	105	MINOR D (RIO GRANDE)	0
16	105	MINOR D (RIO GRANDE)	0
17	105	MINOR D (RIO GRANDE)	0
18	105	INDEPENDENT D2 (RIO GRANDE)	0
19	105	MINOR D (RIO GRANDE)	0
20	105	MINOR D (RIO GRANDE)	0
21	105	MINOR D (RIO GRANDE)	0
22	105	MINOR D (RIO GRANDE)	0
23	105	MINOR D (RIO GRANDE)	0
24	97	KANE CALLAN D (RIO GRANDE)	0
25	97	KANE CALLAN D (RIO GRANDE)	0
26	97	KANE CALLAN D (RIO GRANDE)	0
27	97	KANE CALLAN D (RIO GRANDE)	0
28	105	MINOR D (RIO GRANDE)	0
29	106	SOUTH FORK HIGHLINE D (S FK RIO GRANDE)	0
30	126	ANACONDA D (RIO GRANDE)	0

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

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