SPECIAL IMPROVEMENT DISTRICT No.1 OF THE RIO GRANDE WATER CONSERVATION DISTRICT

ANNUAL REPORT FOR THE 2025 PLAN YEAR

Prepared

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by

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Executive Summary

The Rio Grande Water Conservation District (RGWCD) established Special Improvement District No. 1 (Subdistrict No.1) in 2006. After extensive litigation and appeals over the Plan of Water Management (Plan), and decisions by both the District and the Colorado Supreme Courts in 2010 and 2011, respectively, the Plan was approved. The approved Plan guided the implementation of Subdistrict No.1. In spring 2012, the State Engineer's Office (SEO) provided additional guidance regarding the Annual Replacement Plan (ARP).

After SEO approval of the 2012 Annual Replacement Plan for Subdistrict No. 1, objectors-initiated litigation over the ARP's suitability. On October 29 and 30, 2012, a Court trial was held to address the Subdistrict No. 1 augmentation plans and subject wells' description and whether Closed Basin Project (CBP) production could be used as a replacement water source. The District Court issued its ruling on the objections on April 10, 2013 approving the ARP, including the use of the CBP production as a replacement water source. Some of the objectors appealed the Court's ruling to the Colorado Supreme Court and arguments in the case were heard on September 30, 2014.

On June 29, 2015, the Colorado Supreme Court ruled in a unanimous opinion that the 2012 ARP's inclusion of Closed Basin Project water as a source of replacement water for depletions caused by Subdistrict groundwater withdrawals was adequate and suitable to prevent injury to senior surface water rights and the inclusion of augmentation plan wells as Subdistrict wells for the purpose of calculating total groundwater depletions did not render the ARP invalid.

On April 15, 2025, the 2025 ARP was finalized and provided to the SEO, the District Court and the public. On April 30, 2025, the SEO approved the 2025 ARP, enabling Subdistrict No.1 staff to move forward remedying injurious depletions. The Plan and the Court require a detailed Annual Report (AR) to document Subdistrict No.1's compliance with the decrees and the approved 2025 ARP. The AR is due on or before March 1, 2026.

The SEO and the Colorado Division of Water Resources (CDWR) generate much of the data required to be included in the AR. The data describes the various aspects of water use throughout the 2025 ARP year related to Subdistrict No.1, including streamflow records, diversion records and Subdistrict No.1 well groundwater withdrawal records.

Although the ARP year is not yet complete, Subdistrict No.1 has accomplished a majority of the ARP's goals. This AR details how Subdistrict No.1 has remedied all injurious depletions at the time the injury occurred, in the place the injury occurred and for the total amount of injury for the 2025 ARP year. This AR complies with the terms and conditions of the court decrees by permitting public access to data related to projections in the 2025 ARP and to Subdistrict No.1's actual operations. It also details the outcomes of Subdistrict No.1's actions during the 2025 ARP year.

Subdistrict No.1 proceeded with proactive and conservative practices during the 2025 ARP Year to ensure senior water rights were not injured by groundwater withdrawals from Subdistrict No.1 Wells. The 2025 AR describes the data, methodology and calculations that verify injurious depletions were remedied as required.

This AR confirms that Subdistrict No.1 provided replacement water to the Rio Grande than was necessary for the Plan Year to properly make the river "whole." The AR also describes Subdistrict No.1's attempts to reduce groundwater withdrawals through use of the Conservation Reserve Enhancement Program (CREP) and other conservation programs.

The AR data is accurate as of March 1, 2026 but will not be complete until the end of the 2025 ARP year, April 30, 2026.

1.0 CALCULATIONS OF ACTUAL PLAN YEAR 2025 RIO GRANDE DEPLETIONS FROM SUBDISTRICT WELLS

This section of the 2025 AR presents data showing both projected and actual calculated depletions to the Rio Grande caused by groundwater withdrawals from Subdistrict No.1 Wells. Depletions are calculated by a CDWR supplied Response Function spreadsheet that outputs total depletions for the ARP year and a breakdown of monthly depletions for three reaches of the Rio Grande.

Projected depletions were presented in the 2025 ARP completed on April 15, 2025. Forecasted calendar year flow through the Rio Grande near Del Norte gage (index gage) was the primary bench mark used to make projections. From this forecast, estimates of total well groundwater withdrawals, canal diversions and annual recharge credit were prepared and utilized in the depletion spreadsheet. In the following subsections, actual river depletions have been calculated for 2025 using recorded values for groundwater withdrawals, canal diversions and resulting recharge credit.

Full definitions of terms and the processes used in this section are included in the ARP and the Plan. As the AR is a summary report of the success of the ARP, definitions and extensive explanations are not repeated herein.

1.1 STREAM FLOW FORECASTS COMPARED TO ACTUAL FLOWS

1.1.2 2025 Stream Flow Forecasts

The Division Engineer for Water Division 3 elected to use the NRCS Forecast and for the Rio Grande gage near Del Norte (index gage) as well as the Conejos River system in 2025. Data collected from the Division 3 Engineer's Preliminary Rio Grande Compact Ten Day Report on April 1st, 2025 estimated the flow for the period April – September 2025 for the index gage to be 310,000 ac-ft. Also, from the data contained in the report, 80,000 ac-ft is added to the April – September forecast for the index gage to obtain the projected annual flow. Therefore, using the Division Engineer's April 1st, 2025, 310,000 ac-ft April-September forecast and the additional 80,000 ac-ft, the projected annual flow of the Rio Grande at the index gage was 390,000 ac-ft.

1.1.3 2025 Actual Stream Flow

Based on the Division 3 Engineer's Rio Grande Compact Ten Day Report for the end of 2025, see Appendix I of the Appendices, the actual annual flow of the Rio Grande through the index gage was 490,000 ac-ft. Although there was an increase in the projected flows, an increase in precipitation on the valley floor led to a decrease in calculated stream depletions for the Subdistrict. The actual annual flow of the Conejos River through the index gage was 205,000 ac-ft, also included in Appendix I.

1.2 TOTAL GROUNDWATER WITHDRAWALS

Based on information obtained from the Division of Water Resources on February 24th, 2025, the actual metered groundwater withdrawals from Subdistrict No.1 Wells included in the 2025 ARP was 181,077 ac-ft for Irrigation Year 2025. Projected groundwater withdrawals for 2025, as contained in the 2025 ARP, was 205,000 ac-ft. The majority of Subdistrict No.1 metered groundwater withdrawals in 2025 were used for irrigation with the most being used through center pivot sprinklers and only a small amount applied to flood irrigation.

A comprehensive ARP Well List was included in the 2025 ARP to identify the wells DWR permitted to continue operating in accordance with the PWM and the Groundwater Rules. This ARP Well List is necessary for DWR to identify which wells the Subdistrict has included. Further, the ARP Well List is a required input into the RGDSS Groundwater Model and Response Functions.

All metered withdrawals for new WDIDs are being included in calculations for the Subdistrict's 2025 Plan Year replacement obligations.

1.3 ANNUAL RECHARGE CREDIT

Recharge credit is available to four canals/ditches that divert from the Rio Grande into Subdistrict No.1 in accordance with their respective decrees. This recharge credit is used as an offset to groundwater consumption in accordance with the respective decrees and the method used to calculate depletions. The canals/ditches and their decrees are listed in the following tabulation:

Canal/Ditch	Decree
Rio Grande Canal	Case No. W-3979
San Luis Valley Irrigation District	Case No. W-3980
Prairie Ditch	Case No. 96CW45
San Luis Valley Canal	Case No. 96CW46

The actual 2025 annual calculated recharge credits for these four canals/ditches within Subdistrict No.1 were prepared using end of irrigation year 2025 canal diversion records obtained from Division of Water Resources and information obtained directly from canal companies and irrigators. The actual recharge credit for each canal is adjusted through the following steps, which results in total consumable credit.

Information used in calculating total consumable credit for each canal/ditch was prepared using the entire irrigated service areas of each canal/ditch. Then the totals were reduced based on the
best estimated percentages of total pro rata ditch shares located within the Subdistrict No. 1 boundary provided by each ditch company. The following percentages were used:

Rio Grande Canal = 93.98%
San Luis Valley Irrigation District =100%
Prairie Ditch = 99.20%
San Luis Valley Canal = 80.87%

Further, it was necessary to reduce the totals by the actual consumptive use attributable to surface water used directly through sprinklers and for flood irrigation. This data was obtained from irrigators during 2025 and is listed below:

1) Rio Grande Canal:
   - Surface water through sprinklers = 1,967.12 ac-ft
   - Surface water applied to flood irrigation = 250.34 ac-ft.
2) San Luis Valley Irrigation District:
   - Surface water through sprinklers = 0 ac- ft
   - Surface water applied to flood irrigation = 0 ac-ft.
3) Prairie Ditch:
   - Surface water through sprinklers = 160.36 ac-ft
   - Surface water applied to flood irrigation = 0 ac-ft.
4) San Luis Valley Canal:
   - Surface water through sprinklers = 97.98 ac-ft.
   - Surface water applied to flood irrigation = 0 ac-ft.

Using the total consumable water derived from each of the four canals/ditches in accordance with the procedure described in the Court's ruling in Case Numbers 06CV64 & 07CW52 and reducing those totals using the above information and the approved estimated consumption for sprinkler (83%) and flood irrigation (60%), the following tabulation shows the actual resulting total of individual canal/ditch consumable credits and the total for all of the systems.

Table 1.1
Calculated Recharge Decree Credits for Subdistrict No.1 During 2025
Prepared February 25, 2025
(All units in ac-ft)

	Rio Grande Canal	San Luis Valley I.D.	Prairie Ditch	SLV Canal	Totals
Total Consumable	93,092.66	12,964.62	9,189.07	10,605.71	125,852.05
% Within Subdistrict No.1	93.98%	100%	99.20%	80.87%	

Total Consumable Within Sub#1	87,488.48	12,964.62	9,115.55	8,576.84	118,145.48
Surface Water Through Sprinklers 83%	-1,967.12	0	-160.36	-97.98	-2,225.46
Surface Water Used for Flood @60%	-250.34	0	0	0	-250.34
Totals	85,271.02	12,964.62	8,955.19	8,478.86	115,669.68

Therefore, the calculated consumable credit under the four recharge decrees for 2025 is 115,669.68 ac-ft.

1.4 CLASSIFICATION AS "WET," "AVERAGE," OR "DRY" YEAR

Response Functions generated from the RGDSS Groundwater Model Phase 6P98 were used in determining stream depletions as described in this section based on three types of weather conditions during the ARP year. These conditions are "Wet," "Average," or "Dry." A year is classified as being "Wet," "Average," or "Dry" based on the amount of Net Groundwater Consumptive Use for Subdistrict wells using the following criteria [(1)]:

Table 1.2
Definition of "Wet," "Average," or "Dry" Year

Year Type	Net Groundwater Consumptive Use (ac-ft/yr)
Wet	Less than 10,000
Average	Between 10,000 and 180,000
Dry	Greater than 180,000

Reference: Updated information obtained March 20, 2012 from James R. Heath, P.E., Division of Water Resources Lead Modeler.

The Net Groundwater Consumptive Use for the 2025 ARP year was 36,180 ac-ft as shown in Table 1.3. Referencing the ranges in Table 1.2, the 2025 ARP year is classified as a "Average" year.

1.5 2025 STREAM DEPLETIONS

Stream depletions attributable to the groundwater withdrawals from Subdistrict No.1 Wells have been calculated using the Response Function spreadsheet produced by the RGDSS Groundwater Model Phase 6P98 (RGDSS Model) as operated by DWR. The first step in calculating depletions is to update Table 1.3 to derive annual Net Groundwater Consumptive Use. For reference, values for previous years 2011- 2024 are included in the table along with the values for 2025. Notes are included at the bottom of the table to provide a description of the calculations. For 2025, the values in columns 6 through 10 are obtained from Table 1.1, above.

The Net Groundwater Consumption Use data for 2025 is applied to the Response Function spreadsheet contained in Table 1.4 to calculate stream depletions for the 2025 Plan Year and lagged depletions into the future.

The Net Groundwater Consumptive Use derived in Table 1.3 is input into Column 3 of Table 1.4 for year 2025. The annual stream depletions resulting from Subdistrict No.1 groundwater withdrawals for the respective reaches of the Rio Grande and the total are shown in columns 4

through 7 of Table 1.4.

Table 1.5 is an output from the Response Function spreadsheet that divides the annual total depletions into monthly replacement obligations for the three impacted reaches of the Rio Grande. This table lists the 2025 Plan Year stream depletions as required under the Plan and Decree.

Table 1.3
Estimated Net Groundwater Consumptive Use
(Units in ac-ft)

	Response Area No.1 Total				Recharge that Offsets Groundwater					
Year	**Irrigation Pumping to Center Pivots**	**Irrigation Pumping to Flood Irrigation**	**Other Pumping**	**Groundwater Consumption**	**Recharge Source 1**	**Recharge Source 2**	**Recharge Source 3**	**Recharge Source 4**	**Total**	**Net Groundwater Consumptive Use**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2011	325,645	889	3,881	273,202	83,801	9,981	8,325	8,204	110,310	162,892
2012	261,671	71	3,347	219,374	54,870	6,748	4,795	3,620	70,034	149,341
2013	231,461	1,136	3,703	195,044	84,919	5,477	4,227	4,782	99,404	95,640
2014	238,786	1,400	2,573	200,355	110,566	28,596	14,133	12,777	166,072	34,282
2015	207,181	1,536	3,209	174,429	122,980	34,685	15,139	15,608	188,412	-13,983
2016	238,075	1,635	3,174	200,212	125,562	32,064	12,873	14,396	184,894	15,318
2017	237,667	1,786	3,016	199,668	138,112	31,813	15,292	16,043	201,260	-1,592
2018	264,916	2,167	2,883	222,554	42,895	2,136	1,924	2,140	49,096	173,459
2019	213,639	1,937	2,962	180,013	132,121	45,852	22,196	22,619	222,788	-42,774
2020	245,553	796	2,837	205,536	58,838	10,230	5,879	5,467	80,413	125,123
2021	209,637	139	2,769	175,487	79,486	11,330	6,748	7,906	105,470	70,017
2022	206,811	28	2,648	172,840	89,232	7,501	1,813	4,841	103,387	69,453
2023	220,552	18	2,759	184,244	116,902	42,670	19,789	20,760	200,122	-15,877
2024	172,286	510	3,136	144,816	100,135	10,717	8,858	8,617	128,328	16,488
2025	181,077	580	2,855	151,849	85,271	12,965	8,955	8,479	115,670	36,180
Avg	233,849	1,004	3,064	196,270	95,744	19,986	10,142	10,556	136,428	59,842

Explanation of Columns

(1) Calendar Year

(2) Determined from metered groundwater withdrawals

(3) Determined from metered groundwater withdrawals

(4) Determined from metered groundwater withdrawals

(5) Calculated as 0.83xCol2 + 0.60xCol3 +Col4xOther Consumptive Use Ratio depending on the year (Col5 of Net CU Worksheet)
(0.83 and 0.60 are the consumptive use ratios of total pumping associated with sprinkler and flood irrigation practices, respectively)

(6) - (9) To be determined by analysis of historic diversions and recharge decrees

(10) Calculated as Col6 + Col7 + Col8 + Col9

(11) Calculated as Col5 - Col10

Note: Table 2.4 – Column for "Other Pumping" was added as Column (4) and an explanation was added to the Column reference numbers, equations, and the descriptions were also adjusted accordingly

Table 1.4
Estimated Historical and Projected Net Stream Depletions from Groundwater Withdrawals in Subdistrict No. 1
(Units in ac-ft)

			Annual Net Stream Depletions (May-Apr) [a)]				
Year	Rio Grande near Del Norte Stream Gage (Apr-Sep)	Net Groundwater Consumptive Use (Jan-Dec)	Rio Grande Del Norte-Excelsior	Rio Grande Excelsior-Chicago	Rio Grande Chicago-State Line		Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1970	561,150	101,275	225	341	-116		450
1971	389,397	135,541	420	714	-169		965
1972	373,031	169,393	619	1,069	-223		1,465
1973	755,509	38,851	479	878	-91		1,266
1974	270,942	220,567	2,366	1,325	-285		3,406
1975	730,848	23,753	2,294	1,028	-137		3,185
1976	512,997	65,760	2,016	938	-164		2,790
1977	163,635	240,127	3,825	1,513	-347		4,991
1978	340,660	155,492	3,828	1,627	-328		5,127
1979	886,617	11,835	3,093	1,222	-153		4,162
1980	672,668	63,873	2,726	1,100	-189		3,637
1981	310,945	170,010	2,681	1,423	-300		3,804
1982	572,474	36,314	2,286	1,211	-156		3,341
1983	578,510	32,273	2,031	994	-138		2,887
1984	652,637	40,219	1,869	902	-137		2,634
1985	864,564	2,568	1,648	717	-87		2,278
1986	865,371	-37,341	-90	669	16		595
1987	907,650	109,992	43	858	-115		786
1988	346,087	177,158	593	1,246	-226		1,613
1989	407,389	169,478	883	1,485	-243		2,125
1990	424,033	88,971	886	1,371	-166		2,091
1991	529,567	46,509	826	1,117	-117		1,826
1992	415,482	67,128	861	1,040	-136		1,765
1993	577,831	-21,380	-193	847	-6		648
1994	444,629	100,660	-115	924	-117		692
1995	734,492	-68,610	-2,899	893	140		-1,866
1996	313,441	205,238	-960	1,265	-111		194
1997	781,596	-1,949	-462	906	9		453
1998	466,821	112,457	-70	1,003	-122		811
1999	799,489	-50,972	-2,204	916	110		-1,178
2000	312,094	213,180	-208	1,325	-142		975

2001	655,233	65,822	415	1,184	-91		1,508
2002	96,717	322,490	3,276	1,932	-378		4,830
2003	261,300	234,308	5,234	2,191	-388		7,037
2004	431,675	126,966	4,837	1,967	-322		6,482
2005	682,540	70,356	4,059	1,661	-234		5,486
2006	411,656	119,657	3,660	1,626	-273		5,013
2007	593,239	23,116	3,064	1,311	-155		4,220
2008	623,333	49,201	2,700	1,148	-166		3,682
2009	513,058	-4,448	2,119	911	-90		2,940
2010	453,063	76,286	2,013	968	-166		2,815
2011	415,287	162,892	2,119	1,320	-267		3,172
2012	328,465	149,341	2,109	1,521	-265		3,365
2013	344,522	95,640	1,995	1,429	-211		3,213
2014	518,731	34,282	1,806	1,158	-138		2,826
2015	555,832	-13,983	1,080	900	-58		1,922
2016	565,968	15,318	869	738	-65		1,542
2017	574,029	-1,592	815	572	-46		1,341
2018	212,225	173,459	1,200	1,039	-241		1,998
2019	855,755	-42,774	-758	912	37		191
2020	307,808	125,123	-664	987	-109		214
2021	381,197	70,017	-318	957	-83		556
2022	359,222	69,453	-246	913	-89		578
2023	639,603	-15,877	-967	711	23		-233
2024	404,543	16,488	-841	560	1		-280
2025	314,601	36,180	-542	552	-33		-23
2026			-433	430	0		-3
2027			-332	321	-1		-12
2028			-252	244	-1		-9
2029			-187	189	-1		1
2030			-163	152	0		-11
2031			-161	128	1		-32
2032			-158	110	2		-46
2033			-148	95	2		-51
2034			-121	74	2		-45
2035			-79	53	1		-25
2036			-67	42	1		-24
2037			-65	25	3		-37
2038			-52	14	2		-36
2039			19	8	0		27
2040			-1	4	1		4
Avg 2001-2015	458,977	100,795	2,699	1,415	-213		3,901
Avg 2001-2010	472,181	108,375	3,138	1,490	-226		4,401
Post Plan Depletion			-2,200	1,889	12		-299

a) Estimated net stream depletions shown in this table are greater than the stream depletions that potentially cause injury to surface water rights.

Explanation of Columns

(1) Year

(2) Rio Grande near Del Norte Gage streamflow in ac-ft for the NRCS streamflow forecast period of April through September. The streamflow value for 2025 is from the January 3, 2025 Rio Grande Compact Ten Day Report

(3) Net Groundwater Consumptive Use (NetGWCU) for January through December. NetGWCU values for 2001 through 2010 were taken from the RGDSS Groundwater Model output. NetGWCU values for 2012 through 2025 were calculated using well meter data, diversion data, and irrigated acreage information

(4) Net Stream Depletions in the Rio Grande Del Norte to Excelsior Ditch reach for the plan year (May through April) in ac-ft

(5) Net Stream Depletions in the Rio Grande Excelsior Ditch to Chicago Ditch reach for the plan year (May through April) in ac- ft

(6) Net Stream Depletions in the Rio Grande Chicago Ditch to the State Line reach for the plan year (May through April) in ac- ft

(7) Total Net Stream Depletions columns (4+5+6) in ac-ft

Table 1.5
Subdistrict No.1 Monthly Net Stream Depletions for Plan Year
Calculated February 26th, 2025
(Units in ac-ft)

	Response Area No.1 Response Area Total												
	2025								**2026**				
Stream Reach	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rio Grande Del Norte-Excelsior	-64.1	-65.0	-57.3	-46.9	-42.3	-43.8	-43.2	-40.6	-32.4	-30.1	-37.6	-39.1	-542.5
Rio Grande Excelsior-Chicago	52.7	40.5	34.5	34.7	33.2	37.4	45.3	51.5	55.2	53.6	61.3	51.7	551.5
Rio Grande Chicago-State Line	-0.1	-5.0	-8.4	4.7	3.2	-2.7	0.2	3.2	-0.3	-6.1	-9.2	-12.5	-32.8
Total	-11.5	-29.4	-31.2	-7.5	-5.9	-9.1	2.3	14.1	22.5	17.4	14.5	0.2	**-23.8**

As indicated in lower right-hand corner of Table 1.5, the calculated total depletions that will impact the Rio Grande during the 2025 ARP year, due to both past groundwater withdrawals and the 2025 groundwater withdrawals, using the RGDSS Groundwater Model Phase 6P98 Response Function are **-23.8** ac-ft. The locations of the depletions and monthly quantities are also tabulated in Table 1.5.

If wells that were groundwater withdrawals in 2025 were shut off today, there would be a continuing impact to the river for approximately 19 years according to the RGDSS Groundwater Model Phase 6P98. This is the calculated time required to recover to conditions that existed before well groundwater withdrawals started. The volume of water required to replace depletions during this recovery period is called Post-Plan Stream Depletions. Table 1.6 shows that the total post-plan stream depletions are calculated to be **-279** ac-ft. The portion of the total depletions impacting each

of the three designated reaches of the river is also included in Table 1.6.

Table 1.6
Subdistrict No.1 Post-Plan Stream Depletions
(Units in ac-ft)

Years (May-Apr)	Rio Grande Del Norte-Excelsior	Rio Grande Excelsior-Chicago	Rio Grande Chicago-State Line	Total
2026-2045	-2,205	1,909	17	-279

Table 1.7 lists both the April 2025 projected obligations and the February 2025 final calculated obligations to compare projected versus actual calculated depletions for the 2025 ARP Year.

Table 1.7
Subdistrict # 1 Monthly Stream Replacement Obligation for 2025 ARP year
(Units in ac-ft)

	Reach No.1				Reach # 2				Reach # 3				TOTALS	
Month	*4/2024 Projection*	*2/2025 Calculation*	*4/2025 Projection*	*2/2026 Calculation*	*4/2024 Projection*	*2/2025 Calculation*	*4/2025 Projection*	*2/2026 Calculation*	*4/2024 Projection*	*2/2025 Calculation*	*4/2025 Projection*	*2/2026 Calculation*	*Projected Totals*	*Calculated Totals*
2025-3	-50.7	-56.4			75.8	57.4			-10.5	-9.3			14.6	-8.3
2025-4	-51.4	-56.7			63.9	49.4			-14.4	-12.1			-1.9	-19.4
2025-5			-62.0	-64.1			53.8	52.7			-1.0	-0.1	-9.2	-11.5
2025-6			-57.9	-65.0			43.6	40.5			-10.3	-5.0	-24.6	-29.5
2025-7			-44.2	-57.3			33.2	34.5			-18.1	-8.4	-29.1	-31.2
2025-8			-30.9	-46.9			36.4	34.7			-10.2	4.7	-4.7	-7.5
2025-9			-28.0	-42.3			36.2	33.2			-3.7	3.2	4.5	-5.9
2025-10			-31.4	-43.8			48.4	37.4			-14.7	-2.7	2.3	-9.1
2025-11			-32.5	-43.2			75.5	45.3			-1.8	.2	41.2	2.3
2025-12			-30.7	-40.6			79.8	51.5			3.3	3.2	52.4	14.1
2026-1			-23.2	-32.4			81.7	55.2			-1.8	-0.3	56.7	22.5
2026-2			-22.3	-30.1			77.6	53.6			-7.9	-6.1	47.4	17.4
2026-3			-29.8	-37.6			88.1	61.3			-11.0	-9.2	47.3	14.5
2026-4			-31.8	-39.1			72.7	51.7			-15.8	-12.5	25.1	0.1
Total 2024 Projected	-102.1				139.7				-24.9				12.7	
Total 2025 Calculated		-113.1				106.8				-21.4				-27.7
Total 2025 Projected			-424.8				727.0				-92.3		209.9	
Total 2026 Calculated				-542.5				551.5				-32.8		-23.8

* Total depletions entered in Table 1.7 have been rounded off to the nearest whole number.

The April 15, 2025 calculations used for the 2025 ARP Year Projections were based on the then best estimates of both stream flow and groundwater withdrawals. DWR's end-of-year meter and diversion records for 2025 groundwater withdrawals for Subdistrict Wells and surface water diversions into the Closed Basin under the Recharge Decrees resulted in an actual net-groundwater withdrawal less than the calculations used for the 2025 ARP. Application of the actual net-groundwater withdrawals shows that, as of the date of this report, Subdistrict No.1 has supplied +/- 261.4 ac-ft more than the actual calculated injurious depletions by the approved Response Functions. This number is calculated by looking at depletions owed and paid by accretions in stream reach 1 and 3 and by reservoir releases and closed basin allocation for the ARP year.

Subdistrict No.1 expects that CDWR will work with Subdistrict No.1 to address this to assure that all injurious depletions within Colorado are remedied. Subdistrict Wells replace or otherwise remedy depletions only in the minimum amount necessary to avoid injury to senior surface water rights and under the Rio Grande Compact, Colorado will continue to beneficially consume all of the water it is entitled to under the Compact.

2.0 TOTAL DIVERSION BY DITCHES

Table 2.1 shows the ditch service areas that have diversions in Subdistrict No.1. The diversions shown are total irrigation water for the ditch for the 2025 irrigation year, but only a portion is delivered within Subdistrict No.1.

Table 2.1
Ditch Service Areas with Diversions in Subdistrict No.1 Total Ditch Diversions for the 2025 Irrigation Year

WDID	DITCH NAME	Diversions in ac.-ft	Subdistrict Year
2000546	BILLINGS D	4,161.80	2025
2000556	BUTLER IRR D	1,512.20	2025
2000627	EXCELSIOR D	21,432.60	2025
2000631	FARMERS UNION CNL	25,983.00	2025
2000699	KANE CALLAN D	2,639.40	2025
2000736	MCDONALD D	6,059.70	2025
2000798	PRAIRIE D	12,232.20	2025
2000812	RIO GRANDE CNL	114,227.40	2025
2000814	RIO GRANDE D 2	1,2,16.10	2025
2000829	SAN LUIS VALLEY CNL	13,340.00	2025
2000833	SCHUCH SCHMIDT D	939.4	2025
2700502	BIEDELL D NO 10	2,385.63	2025
2700503	BIEDELL D NO 2	11.82	2025
2700518	GREEN D NO 1	32.11	2025
2700522	HOME D NO 1	3,425.85	2025
2700523	JOHNNIE SMITH D NO 1	0.00	2025

2700533	MCLEOD D NO 3	1.21	2025
2700537	MOODY AND HEAD D	0.00	2025
2700538	OMNIBUS D	2,640.46	2025
2700543	ROCKY HILL SEPG OVFL D	0.00	2025
2700545	SHOWN D	443.03	2025
2700551	WHITE D	0.00	2025
2700553	WILSON D NO 4	0.00	2025
2700684	LA MAGOTE D NO 2	0.00	2025
2700714	MCLEOD D NO 4 & 5	285.23	2025

Notes:
New Structure 2700714 replaced (2700534) McLeod No. 4 and (2700535) McLeod No.

3.0 TOTAL IRRIGATED ACRES

Each irrigation season, the RGWCD conducts a field survey of the irrigated acreage on the Valley floor to record crop types grown. Table 3.1 is the summary of "irrigated acres, cropping patterns and irrigation methods" on parcels that are part of 2025 Subdistrict No.1 Farm Units. The data was derived from the irrigated agriculture field survey by spatially "capturing" any fields that lie within any of the landowner parcels that are part of the 2025 Subdistrict No.1 Farm Units. Only those fields that had entries updated during the 2025 crop survey were used in this analysis. The crop information and acreage from the irrigated agriculture shapefile attribute tables was compiled and is shown in Table 3.1.

Table 3.1
Cropping Patterns within Subdistrict No.1

Crop	2025 Acres	2024 Acres	Acreage Change	% Change
Potatoes	50,514	51,115	-601	-1.2%
Fallowed	31,441	25,706	5,735	22.3%
Barley	24,415	28,082	-3,667	-13.1%
Alfalfa	19,309	21,062	-1,753	-8.3%
Cover Crop	15,448	18,346	-2,898	-15.8%
CREP	10,978	10,169	809	8.0%
Sudan Grass Hay	3,753	462	3,291	712.4%
Grain	3,134	1,313	1,821	138.7%
Grass Hay/ Pasture	2,858	1,048	1,810	172.7%
Canola	2,386	2,000	386	19.3%
Lettuce	1,900	1,543	357	23.1%
Oat Hay	675	1,329	-654	-49.2%
Vegetables	619	239	380	159.1%
Carrots	329	1,232	-903	-73.3%
Quinoa	186	73	113	155.0%
Corn	135	253	-118	-46.5%
Hemp	128	5	123	2469.4%
Triticale Hay	45	174	-129	-73.9%
Total	**168,255**	**164,151**	**4,104**	**2.5%**

Information collected for 2025 Subdistrict No.1 Farm Units included identification of the wells and surface rights allocated to the irrigated fields on the lands comprising each Farm Unit. A summary of the ditches and pro rata shares of surface water allocated to fields on Subdistrict No.1 2025 Farm Units is included in Appendix B and represents the "surface water source" for Subdistrict No.1.

The Plan timeline requires Subdistrict No.1 to request well meter readings prior to the end of the irrigation season and, therefore, the meter readings were requested as of October 1, 2025. The diversion amounts for the Subdistrict No.1 Wells is for the portion of the 2025 irrigation season through November 1, 2025. The groundwater withdrawals covered by augmentation plans during 2025 were not included in the total groundwater withdrawals used to calculate Recharge Credit in Section 4, below.

4.0 SURFACE WATER CREDIT

The amount of Surface Water Credit (SWC) exchanged both 2024 and 2025, between Farm Units and applied against the 2025 Variable Fees was 25,745.99 ac-ft.

At the time of submission of this AR, the estimated amount of 2024 carryover SWC carried forward into 2025 that was not utilized and therefore extinguished by rule was 6,809.77ac-ft. This number may change during the appeal process in 2026.

5.0 CLOSED BASIN PROJECT PRODUCTION-PROJECTED AND ACTUAL

The 2025 ARP projected the production of the CBP to be 8,500.0 ac-ft. Final delivery numbers have not yet been reported.

6.0 AMOUNTS AND SOURCES OF REPLACEMENT WATER

The remaining amounts and sources of water available combined with forbearance for the remainder of the 2025 ARP year is: 18,065.4 ac-ft

Table 6.1
Remaining Balances of Replacement Water Acquired by Subdistrict No.1 for 2025

Water Right(s) Name	Quantity (ac-ft)	Water Previously Controlled By:	Decree(s)	Current Location
Williams Creek Squaw Pass	**134.8**	Navajo Development	CA73, CA308, W-1869-78	Rio Grande Reservoir
Williams Creek Squaw Pass	**56.5**	San Luis Valley Irrigation District	CA73, CA308, W-1869-78	Rio Grande Reservoir

SLVID Tabor	**45.1**	San Luis Valley Irrigation District		Rio Grande Reservoir

Pine River Weminuche Pass	**1,000.0**	SLV Water Conservancy District	CA 1248-B, 84CW62, 94CW62	Rio Grande Reservoir
Treasure Pass Trans-basin Diversion	730.8	Evelyn Underwood and Patti Cook	CA 0308	Rio Grande Reservoir
Treasure Pass Trans-basin Diversion	50.7	Sid Klecker	CA 0308	Rio Grande Reservoir
Piedra River TM, Piedra Water Rights	500.0	Colorado Parks and Wildlife	W-3549	Rio Grande Reservoir
SMRC 2012- 1279.8 shares @ 0.944af/share	793.61	Santa Maria Reservoir Co.		Santa Maria Reservoir
SMRC 2013 – 3235.8 shares @ 0.72af/share	2,328.8	Santa Maria Reservoir Co.		Santa Maria Reservoir
SMRC 2014 – 3320.8 shares @ 1.288af/share	4,278.2	Santa Maria Reservoir Co.		Santa Maria & Continental Reservoirs
SMRC 2015 – 3095.8 shares @ 1.86 af/share	3,359.2	Santa Maria Reservoir Co.		Rio Grande & Continental Reservoirs
SMRC 2016- 1645.0 shares @ 0.968 af/share	537.99	Santa Maria Reservoir Co.		Rio Grande Reservoir
Treasure Pass Trans- basin Diversion	730.8	Evelyn Underwood and Patti Cook	CA 0308	Rio Grande Reservoir
Total Trans-basin and Santa Maria (In Storage)	14,024.7			
2025 Forbearance Agreements				
	Contracted (AF)	**Amount Used**		
Rio Grande Canal	**900**	0		
San Luis Valley Canal	**400**	0		
Commonwealth	**500**	0		
Farmers Union	**1,000**	0		
Centennial Ditch	**No ac-ft limit**	0		
Excelsior Ditch	**1,000**	0		
Monte Vista Canal	**300**	0		
Rio Grande Lariat Ditch	**500**	0		
Prairie Ditch	**100**	0		

Total Water Available (In Storage & Forbearance)	**18,065.4**		

6.1 2025 Plan Year Forbearance Agreements

Pursuant to section 37-92-501(4)(b)(I)(B), C.R.S., Subdistrict No.1 reached an agreement with the Rio Grande Canal, Centennial Ditch, Excelsior Ditch, Rio Grande Lariat Ditch, Prairie Ditch, Common Wealth, Monte Vista Canal, Farmers Union, and San Luis Valley Canal whereby these canals accept that, subject to the specific provisions of the forbearance agreement, injury to its water rights resulting from the withdrawal of groundwater by Subdistrict No.1 Wells can be remedied by means other than providing water to replace stream depletions when one of these canals are the calling right on the Rio Grande.

During the 2025 Plan Year, the Board of Managers of Subdistrict No.1 chose not to exercise any forbearance with any canal for projected well depletions from May 1st through November 1st due to abundant replacement water in storage located in the Rio Grande and Santa Maria Reservoir Company facilities. All projected well depletions on the Rio Grande from Subdistrict No.1 wells during that time frame were remedied by replacement water releases to the Rio Grande from those facilities or by use of excess accretion.

7.0 OPERATION OF THE SUBDISTRICT No.1 WATER REPLACEMENT PLAN

Subdistrict No. 1 stream reach depletions are as shown in table 1.5 above. Winter time depletions starting in November through April the remaining 2025 ARP year depletions will be replaced using Stream Reach 1 Accretions to offset Stream Reach 2 and Stream Reach 3 depletions as they exist per Table 1.5.

Beginning May 1, 2025, Subdistrict No.1 has met stream depletion obligations for all 3 stream reaches of the Rio Grande using accretions in both stream reaches in 1 and 3 to offset depletions owed in stream reach 2.

The reaches, amounts and time that these depletions occurred are described in Appendix A. These releases of water were performed under the provisions contained in section 37-87-103, C.R.S.

The most current RGDSS Groundwater Model runs and Response Functions do not predict depletions in amounts above the minimum threshold established by the Water Court, Water Division No. 3 in Case Nos. 2006CV64 and 2007CW52 caused by the withdrawal of groundwater by Subdistrict No.1 Wells to streams other than the Rio Grande. Therefore, Subdistrict No.1 did not make replacements to any stream other than the Rio Grande in the 2025 ARP year.

7.1 DESCRIPTION OF MONTHLY OPERATIONS

JANUARY 2025

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 January 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-51.6 AF) to offset Stream Reach 2 depletions (50.6 AF). All of Stream Reach 3 depletions (-0.5 AF) were remedied by accretions from Stream Reach 3.

FEBRUARY 2025

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 February 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 utilized response function accretions from Stream Reach 1 (-46.8 AF) and Stream Reach 3 (-5.9 AF) to offset Stream Reach 2 depletions (49.9 AF). Combined accretions were sufficient to fully remedy all projected depletions within the system. No Closed Basin Project water or Rio Grande Reservoir releases were required during February.

MARCH 2025

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 March 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 utilized response function accretions from Stream Reach 1 (-56.4 AF) and Stream Reach 3 (-9.3 AF) to offset Stream Reach 2 depletions (57.4 AF). Combined accretions were sufficient to fully remedy all projected depletions within the system. No Closed Basin Project water or Rio Grande Reservoir releases were required during March.

APRIL 2025

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 April 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 utilized response function accretions from Stream Reach 1 (-56.7 AF) to offset Stream Reach 2 depletions (49.4 AF). Accretions from Stream Reach 1 exceeded Stream Reach 2 depletions for the month. All Stream Reach 3 depletions (-12.1 AF) were remedied by accretions within Stream Reach 3. No Closed Basin Project water or Rio Grande Reservoir releases were required during April.

MAY 2025

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 May 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-61.0 AF) to offset Stream Reach 2

depletions (53.9 AF). All of Stream Reach 3 depletions (-1.0 AF) were remedied by accretions from Stream Reach 3. No supplemental releases were required.

JUNE 2025

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 June 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-56.9 AF) to offset Stream Reach 2 depletions (43.7 AF). All of Stream Reach 3 depletions (-10.5 AF) were remedied by accretions from Stream Reach 3. No supplemental releases were required.

JULY 2025

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 July 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 utilized response function accretions from Stream Reach 1 (-64.1 AF) and Stream Reach 3 (-5.0 AF) to offset Stream Reach 2 depletions (34.5 AF). Combined accretions were sufficient to fully remedy all projected depletions within the system.

AUGUST 2025

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 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-30.9 AF) to offset Stream Reach 2 depletions (36.2 AF). All of Stream Reach 3 depletions (-10.5 AF) were remedied by accretions from Stream Reach 3. Subdistrict No. 1 released 2.2 AF of water from Rio Grande reservoir to cover depletions from August 12th till August 31st when the Rio Grande was moved to 0% curtailment.

SEPTEMBER 2025

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 September on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. On September 1st, the ditches on the Rio Grande continued diverting water for the 2025 Irrigation Season. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-28.0 AF) and water releases of (-13.71 AF) to offset a portion of Stream Reach 2 depletions (36.2 AF). Stream Reach 3 accretions of (-3.7 AF) were not used as there was 0% curtailment on the Rio Grande.

OCTOBER 2025

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 October on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. On October 1st, the ditches on the Rio Grande continued diverting water for the 2025 Irrigation Season. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-56.5 AF) to offset Stream Reach 2 depletions (49 AF). The remainder of Stream Reach 1 accretions (-7.5 AF)

and Stream Reach 3 accretions (-8.5 AF) were not used by Subdistrict No. 1 or any other Subdistrict.

NOVEMBER 2025

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 November 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-31.7 AF) to offset Stream Reach 2 depletions (75.5 AF). Accretions from Stream Reach 1 were insufficient to fully offset Stream Reach 2 depletions, resulting in a shortage of 43.8 AF. Pursuant to operational requirements for the November through April period, 43.8 AF of Closed Basin Project water was delivered to remedy the shortage. All of Stream Reach 3 depletions (-1.8 AF) were remedied by accretions from Stream Reach 3.

DECEMBER 2025

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 December 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-29.9 AF) to offset Stream Reach 2 depletions (79.9 AF). Accretions from Stream Reach 1 were insufficient to fully offset Stream Reach 2 depletions, resulting in a shortage of 50.0 AF. Pursuant to operational requirements for the November through April period, 50.0 AF of Closed Basin Project water was delivered to remedy the shortage. Accretions in Stream Reach 3 (3.3 AF) exceeded depletions in that reach; therefore, no replacement water was required for Stream Reach 3.

JANUARY 2026

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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

Remaining 2026 ARP Year

Because of the timing of this report, Subdistrict No.1 will continue the same protocol to replace stream reach depletions for all three stream reaches of the Rio Grande on a monthly basis for the months of February and March of 2026 or until the start of the next irrigation season. Subdistrict No.1 will follow the direction of the Division 3 Division Engineer when the irrigation season begins for replacing stream reach depletions on the Rio Grande with stored reservoir water releases, if needed, for the remaining period of the 2025 ARP year through April 30, 2026.

Table 7.1 illustrates the replacement water accounting for Subdistrict No.1 during the 2025 ARP year on a monthly basis.

Table 7.1
Subdistrict No. 1 Monthly Stream Replacement Obligation for the 2025 ARP Year with Replacement Source to Fulfill Obligation. (Units in ac ft)

Stream Reach Obligation	March 2025	April 2025	May 2025	June 2025	July 2025	August 2025	September 2025	October 2025	November 2025	December 2025	January 2026	February 2026	March 2026	April 2026
SR-1	-56.4	-56.7	-61.0	-56.9	-43.3	-30.0	-27.2	-30.5	-31.7	-29.9	-22.5	-21.7	-29.0	-31.1
SR-2	57.4	49.4	53.9	43.7	33.3	36.4	36.2	48.5	75.5	79.9	81.7	77.7	88.2	72.8
SR-3	-9.3	-12.1	-1.0	-10.5	-18.1	-10.2	-3.8	-14.8	-1.8	-7.9	-1.8	-7.9	-11.0	-15.8
Total Replacement	**-8.3**	**-19.4**	**-23.9**	**-37.2**	**-50.7**	**-19.7**	**-13.0**	**-16.0**	**10.8**	**23.2**	**-1.5**	**-2.8**	**-8.2**	**-19.4**
SR-1														
RGR Water														
Release of Accretion	-56.4	-49.4	-53.9	-43.7	-33.3	-30.0	-27.2	-30.5	-31.7	-29.9	-22.5	-21.7	-29.0	-31.1
SMRC Water														
Excess Accretion	0	-7.3	-7.1	-13.2	-10	0	0	0	0	0	0	0	0	0
CBP Allocation														
SR-2														
RGR Water														
Use of Accretions	57.4	49.4	53.9	43.7	33.3	33.74	31.0	45.3	33.5	37.8	24.3	29.6	40	46.9
CBP Allocation Shortage-SMRC Water														
SMRC Water						2.2	5.2	3.2						
CBP Allocation									42	42.1	57.4	48.1	48.2	25.9
SR-3														
Excess Accretion	-8.3	-12.1	-1.0	-10.5	-18.1	-6.46	0	0	0	0	0	0	0	0
Release of Accretion									-0.6			-3.1	-1.0	
Use of Accretions														
SMRC Water														
CBP Allocation														
Creditable Production of CBP to RG														

Explanation of Abbreviations:
*RGR Water: Rio Grande Reservoir Pool Water
*SMRC Water: Subdistrict No.1 Santa Maria Reservoir Company (SMRC) Reservoir Water
*CBP Allocation: Closed Basin Project Allocation for Subdistrict No.1 Notes:
March and April 2026 stream depletions have not yet been delivered but are calculated by the response function using final 2025 CDWR data.

Summary

Pursuant to the 2025 ARP for Subdistrict No.1 of the RGWCD and by the direction of the SEO,

Subdistrict No.1 has met and will continue to meet the requirements for replacing injurious depletions to the Rio Grande attributable to groundwater withdrawals by Subdistrict No.1 Wells for the 2025 ARP year. The projected depletions on the Rio Grande for all three stream reaches in the 2025 ARP for Subdistrict No.1 approved by the SEO for the 2025 Plan Year was 209.3 ac- ft. The actual total of depletions for all three stream reaches on the Rio Grande is -23.8 ac-ft.

Subdistrict No.1 will have over paid +/- 232.8 ac-ft in replacement water for actual stream depletions on the Rio Grande during the 2025 Plan Year. This number is calculated by looking at depletions owed and paid by accretions or by reservoir releases from May 2025 through February 2025. For the months of March and April 2025 the subdistrict will have excess accretions from Stream Reaches 1 and 3 to cover the amount of depletions to Stream Reach 2.

8.0 CENTENNIAL DITCH COMPANY AGREEMENT

Subdistrict No.1 did not use the Centennial Ditch Agreement to carry replacement water to calling water rights below the Excelsior Ditch diversion dam during the 2025 Plan Year. Even with below average river flows experienced on the Rio Grande the last 5 years, the river below the Excelsior Ditch diversion dam has been a live stream servicing calling water rights in Stream Reaches 2 and 3. Subdistrict No.1 will monitor the lower stream reaches in the future and use this agreement if necessary.

9.0 FALLOWING OF SUBDISTRICT No.1 LANDS - TEMPORARY AND PERMANENT

9.1 Conservation Reserve Enhancement Program

Subdistrict No.1 continued to sign up contractors into the Conservation Reserve Enhancement Program (CREP) in an attempt to fallow up to 40,000 acres of previously irrigated lands on a long-term or permanent basis during the 2025 Plan Year. Sign-up into CREP in Subdistrict No.1 is ongoing now with the extension of the 2018 Farm Bill in 2023. As of the time of this report, Subdistrict No.1 has a total of 89 CREP contracts that include 10,759.57 acres and 191 irrigation wells that have approximately 15047 ac-ft of groundwater withdrawals annually in Subdistrict No.1. Of the total acres enrolled, 4,212.54 acres are enrolled into a permanent CREP contract term while 6547.03 acres are enrolled into a temporary CREP contract term. The USDA FSA found all but one existing 2014 thru 2025 fiscal year CREP contracts in Subdistrict No.1 to be in cropping and water use compliance at the end of the 2025 fiscal year, September 30, 2025, and all were paid their annual rental payments as well as any additional incentives provided by the Subdistrict. The one CREP contract that was not in compliance has been revoked both at the FSA level and with RGWCD Subdistrict No.1.

The Subdistrict's incentive and annual payments alone were approximately $924,523 in 2025. A map of the locations of these CREP parcels is included in Appendix F.

In 2025, Subdistrict No. 1 offered a One-Year Fallow Program and enrolled approximately 8,739 irrigated acres in the program. The five-year historical pumping on these fallowed fields was 12,150 ac-ft. and the metered pumping in 2025 was 884.3 ac-ft. The total amount of water saved from the fallowing of lands under the One-Year Fallow Program was 11,266 ac-ft.

In 2025, the Rio Grande Water Conservation District purchased the groundwater rights off of twenty-seven quarters in Subdistrict No. 1 that were previously groundwater only irrigation. The funding for these purchases came from the Senate Bill 22-028 Fund. Subdistrict No. 1 incentivized these purchases in the amount of $6,182,601 above what was paid from the Senate Bill funding.

9.2 Permanent Land & Water Purchases

Subdistrict No.1 is still actively pursuing opportunities to acquire water rights. In 2017 the District on behalf of the Subdistrict purchased the West Medano Ranch. The Ranch consists of approximately 7,996 acres with 1,000 shares of the San Luis Valley Canal, 960 acres of the San Luis Valley Irrigation District shares, three irrigation groundwater wells and several small stock water wells.

Based on total head-gate 5-year average of diversions for the Rio Grande Canal, SLV Canal and Farmers Union during the 2025 irrigation season the Subdistrict with their 59.5 shares of Rio Grande Canal, 948 acres of the Farmers Union, and 1000 shares of SLV Canal diverted approximately 2,368.68 ac-ft towards recharge to the unconfined aquifer on the White, McConnell, Lacy and West Medano Ranch properties during the irrigation season. Subdistrict No.1 did not use the wells located on these parcels for any purpose in 2025. The RGWCD staff will continue experimenting with different aquifer recharge strategies within CDWR regulation on these properties to increase surface water recharge efficiencies. A map identifying the locations of the permanent land purchases acquired by the RGWCD for Subdistrict No.1 is included in Appendix G.

In 2025, the Subdistrict offered to purchase irrigation wells through the Well Purchase Program. Four irrigation wells were purchased in 2025 and they irrigated approximately 570 acres and approximately 730 ac-ft of groundwater withdrawal will be retired to help the aquifer reach and maintain the sustainability goal. Since the WPP began in 2021, Subdistrict No.1 has purchased 54 wells which has retired approximately 4,397 acres from irrigating with groundwater. The total average pumping retired from purchasing these wells is approximately 5,156 AF. All wells purchased through the Subdistrict No.1 Well Purchase Program are included in Appendix H.

10.0 PLANS FOR AUGMENTATION

The Subdistrict No.1 Well list includes some wells that are involved in a decreed plan for augmentation (Augmentation Plan Wells). The plans for augmentation vary in their conditions, but they coordinate surface rights and other wells in administration of their respective plan. They are included in the list for fee determination, and if any pre-existing groundwater right portion of their groundwater withdrawals are not covered by their plans, such groundwater withdrawals are subject to Subdistrict No.1 fees and Subdistrict No.1 will, and in fact did, replace injurious depletions due to these groundwater withdrawals. See Appendix J for the augmentation plan well list as classified for Subdistrict No.1 purposes and a location map of the parcels involved in the plans listed below.

10.1 Description of Court Approved Plans for Augmentation

Case No. 81CW69, Application of Alan and Dorothy Beard (related case 02CW65, In the Matter of the Application of John Slane)

The decrees in Cases No. 81CW69 and 02CW65 are actually changes of water rights, not plans for

augmentation. The wells operated pursuant thereto have been classified as Augmentation Plan Wells by Subdistrict No.1 for accounting purposes with the Division 3 Engineer.
The decree in Case No. 81CW69 specifically found that the Applicants sought to change their method of irrigation whereby the water diverted by the San Luis Valley Irrigation District and attributable to the Applicants' land that was historically directly applied by flood irrigation, may be first used to recharge the unconfined aquifer and then withdrawn by a well for the irrigation by center pivot sprinkler of crops in the NE¼ and the SE¼ of Section 19, T41N, R10E, N.M.P.M. The decree authorized the Applicants to construct two wells, Beard Irrigation Wells No. 2 and 3, into the unconfined aquifer to withdraw the water recharged for the irrigation of the described lands.

Because this decree is a change in method of irrigation, not a plan for augmentation, the wells are not Augmentation Plan Wells and may be properly included within the Amended Plan and the ARP. Because the wells' withdrawals are limited by the quantity of water recharged, there is no net depletion to the aquifer system and no resulting stream depletions the Amended Plan is required to replace.

The decree in Case No. 02CW65 changed the point of diversion of Well Permit # 9343-F, decreed as Well No. 2 in Case No. W-1505, WDID 2705546, to Beard Irrigation Well No. 3, Permit # 44595-F WDID 2905547 decreed in Case No. 81CW69. The total quantity of water changed is a long-term average of 32 ac-ft per year of historical consumptive use. The water right decreed to Well No. 2 in Case No. W-1505 is a decreed right to the use of groundwater, the injurious depletions from which are replaced pursuant to the Amended Plan and ARP. Because neither Case No. 81CW69 nor Case No. 02CW65 is a plan for augmentation, Beard Irrigation Wells No. 2 and 3 are Subdistrict Wells and the lands irrigated by these wells are Subdistrict Lands within the ambit of the Amended Plan.

Case No. 81CW72, Application of Ray and Sally Slane

Case No. 81CW72, like Case No. 81CW69, involved an Application for a change in the manner of application of irrigation water allocated to lands located within the San Luis Valley Canal service area from direct flood irrigation to recharge and subsequent irrigation by means of a center pivot sprinkler. The decree specifically finds that the application seeks a change of water rights to change the method of irrigation. Accordingly, this is not a plan for augmentation and the well authorized by this decree is not an Augmentation Plan Well. However, the Division Engineer and Subdistrict No.1consider it as such for accounting purposes.

The decree in Case No. 81CW72 authorized the construction of Slane Irrigation Well No. 3, Well Permit # 47246-F, WDID 2006662, to be located in the center of the NE¼ of Section 2, T40N, R10E, N.M.P.M. Withdrawals by that well, like the wells authorized under the decree in Case No. 81CW69, are limited by the amount of recharge credit accrued in accordance with the terms of the decree. This Well, WDID 2014257, Well Permit # 58972-F is an alternate point of diversion for Slane Irrigation Well No. 3 and is subject to the same limitations as Slane Irrigation Well No. 3 and is also a Subdistrict Well. Because these are not Augmentation Plan Wells, the lands irrigated by these wells are Subdistrict Lands within the ambit of the Amended Plan.

In 2019, the provisions of this case were not invoked and the owner instead elected to receive surface water credit which was used to offset groundwater withdrawals that occurred within the Subdistrict No.1 Farm Unit. The owner received surface water credit for all 200.0 shares dedicated to the

augmentation plan in the amount of 270 ac-ft to offset groundwater withdrawals that occurred within the Subdistrict No.1 Farm Unit for 2019.

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Case No. 99CW09, Application of Off Ranches, Inc.

The application in this case sought an alternate point of diversion for Well No.1, Case W-914, Permit No.1970-R, WDID 2009876, and sought to increase the number of acres that could be irrigated by Well No.1 and its alternate point of diversion. The original well, in combination with water available from Applicant's shares in the Rio Grande Canal Water Users' Association and the Santa Maria Reservoir Company, historically had been used to flood irrigate the SW¼ of Section 30, T40N, R7E, N.M.P.M. The decree granted the alternate point of diversion well and limited the combined annual withdrawal from the original well and the alternate point of diversion well WDID 2013756 to 132.2 ac-ft per year for irrigation of the SW¼ of Section 30.

The plan for augmentation portion of the decree authorizes the withdrawal of additional water beyond 132.2 ac-ft through these two wells for purposes of irrigation on the SW¼ of Section 30, based upon recharge of Applicant's surface water rights. The "augmentation credits" allowed under the decree are limited to the Applicant's historical consumptive use from its *first use* of Rio Grande Canal (as opposed to reuse and successive use recognized by the Rio Grande Canal's recharge decree) and Santa Maria Reservoir Company water for irrigation of this land. Because the diversion of 132.2 ac-ft by Wells No.1 and No.1A is considered in the decree to be the existing groundwater right of Well No.1 and is not included in the plan for augmentation, the injurious depletions from that use are remedied pursuant to the Amended Plan. Accordingly, these wells are Subdistrict Wells and the irrigated lands are Subdistrict Lands.

In 2017, a Variable Fee was assessed to the first 132.2 ac-ft of groundwater withdrawals that was not covered by the plan for augmentation, and no Surface Water Credit was given for the surface water consumed under the plan for augmentation. These wells are also part of a larger Farm Unit and therefore must be included in the Amended Plan and ARP to correctly compute the Surface Water Credit available to offset the Variable Fee assessed against the Farm Unit.

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Case No. 99CW25, Application of James Bradley

This case involved a change of water right to obtain an alternate point of diversion well and a plan for augmentation to increase the amount of water that could be withdrawn through both wells to irrigate the NW¼ of Section 31, T40N, R7E, N.M.P.M. The wells involved are Well No. 2, Case No. W-1153, Permit # 727-R, WDID 2010235, and its alternate point of diversion, Well No. 2A, WDID 2013884. The decree limits the annual withdrawals from Wells No. 2 and 2A to 150 ac-ft annually under the existing groundwater right of Well No. 2. The decree allows these wells to withdraw no more than 150 ac-ft annually, or 510 ac-ft in any 10 consecutive years pursuant to the plan for augmentation.

The plan for augmentation portion of the decree authorizes the Applicant to recharge the water available to its shares in the Rio Grande Canal and Santa Maria Reservoir Company. The decree allows the applicant to increase the total annual withdrawals from the well for irrigation of the NW¼ of Section 31 to the extent of the Allowable Pumping Credit calculated under the terms of the decree.

The annual groundwater withdrawals credit is based upon the historical irrigation consumptive use that resulted from the *first use* of the surface water.

Because Well Nos. 2 and 2A had an existing groundwater right limited to 150 ac-ft annually and not included in the plan for augmentation, the injurious stream depletions from that groundwater withdrawals are remedied pursuant to the Amended Plan. This means that Well No. 2 and 2A are Subdistrict Wells, and the irrigated land is Subdistrict Land within the ambit of the Amended Plan.

The unconsumed portion of any recharge of the surface water rights can be used as a surface water credit to offset the calculation of any Variable Fee assessed against groundwater withdrawals of up to 150 ac-ft under the existing groundwater right for Well Nos. 2 and 2A. Accordingly, Well Nos. 2 and 2A and their associated surface water right also must be included in the Amended Plan for purposes of correctly calculating the surface water credit and Variable Fees for the Farm Unit.

This augmentation plan is currently enrolled in a 4 Year fallow program, the well associated with this augmentation plan will not be used from 2020-2023.

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Case No. 00CW19, Application of Roger and Julia Ensz

This plan for augmentation involves Well No. 2, Case No. W-2058, Permit No.1843-R, WDID 2005728; Well No. 2-A, Case No. 82CW119, Permit # 21996-F, WDID 2005729; and Well No. 3, Case No. W-2058, Permit # 9503-F, WDID 2011878. Wells No. 2 and 3 were historically used for the irrigation of the SW¼ of Section 8, T40N, R7E, N.M.P.M. The decree found that the Applicants' 25 shares in the Rio Grande Canal and 45 shares in the Santa Maria Reservoir Company historically had been used to irrigate up to 300 acres in the E½ of Section 7, T40N, R7E, N.M.P.M. The application sought to increase withdrawals through Wells No. 2 and 3 in order to use the wells to irrigate the E½ of Section 7. The decree authorized that use based on recharging of the water available from the Applicants' shares in the Rio Grande Canal and the Santa Maria Reservoir Company. The increased amount of water that can be withdrawn through the wells for irrigation in the E½ of Section 7 is based upon the quantity of water recharged as calculated by procedures set forth in the decree.

The decree states that it does not limit the use of the wells for the irrigation of the SW¼ of Section 8, and authorizes the use of the wells for irrigation of the E½ of Section 7 under the plan for augmentation when augmentation credit is available. Wells No. 2 and 3 divert water under their own decreed groundwater rights for irrigation of the SW¼ of Section 8, the injurious depletions from which are remedied pursuant to the Amended Plan. Accordingly, the wells are Subdistrict Wells and the SW¼ of Section 8 is Subdistrict Land. The E½ of Section 7 is treated as Non-Benefitted Subdistrict Land and is assessed no Subdistrict fees. These wells also are part of a Farm Unit, and therefore it is necessary to include these wells in the Amended Plan and the ARP to correctly calculate surface water credits available to offset the Farm Unit's Variable Fees.

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Case No. 00CW42, Application of James and Donna Cooley

This case was an application for a change of water rights and plan for augmentation. The

Applicants sought to use water from one share in the Prairie Ditch Company associated with the W½ SE¼ of Section 8, T39N, R10E, N.M.P.M. for direct irrigation and/or as a source of augmentation for two existing irrigation wells. The two existing irrigation wells are Well No.1, Case No. W-245, Permit No.12178-R, WDID 2008692; and Permit # 57923-F, WDID 2014243.
Those two wells were permitted only for use on the E½ SE¼ of Section 8.

The plan for augmentation allows the wells to irrigate the W½ SE¼ of Section 8 by pumping against credits accumulated from surface water recharge from one share in the Prairie Ditch. The decree contains the manner for quantification of the recharge credits and limits groundwater withdrawals by the wells for irrigation of the W½ SE¼ of Section 8 to the amount of accumulated augmentation credit. Nothing in the decree limits the exercise of the decreed water rights for the wells for the irrigation of the E½ SE¼ of Section 8.

The E½ SE¼ of Section 8 is Subdistrict Land, and the use of these wells to irrigate that land makes them Subdistrict Wells. The injurious stream depletions from the irrigation of the E½ SE¼ of Section 8 are remedied pursuant to the Amended Plan as implemented by the ARP. The W½ SW¼ of Section 8 is treated as Non-Benefitted Subdistrict Land and is not assessed Subdistrict fees. In addition, the SE¼ of section 8 is part of a larger Farm Unit, so it is necessary to include the entire SE¼ in the Amended Plan and ARP for purposes of determining surface water credit available to offset the Farm Unit's Variable Fees.
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Case No. 07CW64, Application of JDS Farms, LLC and Allen Entz

This case involves Well No. 2, Case No. W-635 WDID 2009403, Permit No.1534-F; Well No. 4, Case No. W-635 WDID 2009405, Registration No.1297-R; and Well No.1, Case No. W-485 WDID 2009165, Registration No.19606-R. The decree finds that Wells No. 2 and 4 in Case No. W-635 were historically used in conjunction with one share of Prairie Ditch for the irrigation of the E½ SE¼ of Section 7, T39N, R9E, N.M.P.M. Well No.1, Case No. W-485 was historically used in conjunction with two shares of the Prairie Ditch for the irrigation of the W½SE¼ of Section 7. The plan for augmentation sought authorization for the three wells to irrigate the entire SE¼ of Section 7 and to divert more groundwater than the historical use by these wells.

The decree quantifies the combined historical groundwater use of the three wells for irrigation under their own priorities as approximately 160 ac-ft. The decree authorizes groundwater withdrawals of more than 160 ac-ft based on surface water recharge to the unconfined aquifer and a calculation of a recharge credit pursuant to a formula set forth in the decree. The recharge credit is based on the historical consumptive use from the *first use* of the surface water.

These wells are Subdistrict Wells, and the SE¼ of Section 7 irrigated by these wells is Subdistrict Land because the wells withdraw groundwater under their decreed water rights, the injurious depletions from which are remedied pursuant to the Amended Plan. The owners of these wells have not exercised their rights under the plan for augmentation, and therefore the wells have been treated solely as Subdistrict Wells. No Variable Fee will be assessed for groundwater withdrawals under the plan for augmentation, and no surface water credit will

be given for surface water consumed by the plan for augmentation. Because these wells are part of two separately owned Farm Units, it is also necessary to include the land and wells in the Amended Plan and the ARP for purposes of calculation of surface water credits available to offset the Farm Units' Variable Fees.

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Case No. 82CW17, Application of SRS Ranch, Inc.

This case involves an application for change of water rights and a plan for augmentation. The Applicant owned approximately 946 acres comprised of Section 23 and the S½ of Section 22 and the north portion of Section 27, T40N, R6E, N.M.P.M. The land was historically served with water from the Rio Grande Canal, the Midland Ditch, and irrigation Wells No. 2, 4, and 5, Case No. W-713. The application proposed to plug the three existing wells and to construct five replacement wells, one each in the center of the NE¼, NW¼, SE¼, and SW¼ of Section 23 and the center of the SE¼ of Section 22 all in T40N, R6E, N.M.P.M. At the time the application was filed, the Applicant used the three original wells to operate five center pivots irrigating all of Section 23, the S½ of Section 22, and a portion of Section 27 using both groundwater and surface water rights. The decree granted the proposed change of water rights allowing the construction of the five wells as replacement wells and new points of diversion for the water rights decreed to the original three wells on the ranch. The court approved the plan for augmentation conditioned upon the Applicant's continued ownership and recharge of the surface water available to its shares in the Rio Grande Canal and the Midland Ditch. All groundwater withdrawals from the 5 wells are to be fully augmented by the recharge of the surface water shares identified in the decreed plan of augmentation and should not create net depletions from their operations.

The replacement wells are Well No.1R, Permit # 37045-F, WDID 2008188; Well No. 2R, Permit # 30339-F, WDID 2008189; Well No. 3R, Permit # 41845-F, WDID 2008190; Well # 4R, Permit # 37047-F, WDID 2008191; and Well No. 5R, Permit # 3032-F, WDID 2008192. These wells and the lands they irrigate are in three separate ownerships.

The quarter section served by Well No.1R is separately owned and was treated as Non-Benefitted Subdistrict Land with no Subdistrict fees assessed in 2019. This quarter section is part of a larger Farm Unit.

Well No. 3R and the quarter section it irrigates are also separately owned and are included in a larger Farm Unit. In 2019 this land was treated as Non-Benefitted Subdistrict Land, and no Subdistrict fees were assessed on this land.

Well Nos. 2R, 4R, and 5R, and the lands irrigated thereby are separately owned. These wells and the lands irrigated are not part of a larger Farm Unit. This land is treated as Non-Benefitted Subdistrict Lands, and no Subdistrict fees are assessed on this land.

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For the 2023 ARP Year, the Division Engineer approved the operation of these wells under the Subdistrict No.1 ARP, with certain terms and conditions. During the 2023 ARP Year these wells operated solely under the Subdistrict No.1 ARP and the decreed plan for augmentation was not operated. The Subdistrict

accounted for all groundwater withdrawals from these wells and provided the appropriate remedy for injurious depletions in the same manner as Subdistrict Wells.

Case No. 89CW45, Application of Monte Vista PCA

This case is a change of water rights and plan for augmentation that changed surface water rights in the Excelsior Ditch and the San Luis Valley Canal historically used, along with groundwater, to irrigate 140 acres in the SE¼ of Section 34, T39N, R9E, N.M.P.M. The application sought to use the surface water to recharge the unconfined aquifer and then withdraw that water and apply it by center pivot sprinkler to the historically irrigated land. The well historically used on this land is Well No. 5, Case No. W-1181, Permit # R13476-RF, WDID 2006555, located in the center of the SE¼ of Section 34. The decree authorizes the Applicant to divert additional groundwater through the supplemental well and to recharge to the aquifer an amount equal to the consumptive use of the water diverted by the supplemental well. The supplemental well was constructed pursuant to Well Permit # 38425-F, WDID 2006633. Both Well No. 5 and the supplemental well supply water to the same sprinkler system for the irrigation of the SE¼ of Section 34.

The supplemental well's groundwater withdrawals is offset by the quantity of water recharged by the Applicant under the decree in 89CW45. Accordingly, the augmented portion, per decree, of the water diverted by the supplemental well, WDID 2006633, was not assessed a Variable Fee for 2019 and was not given surface water credit for the recharged surface water consumed by this practice. Because Well No. 5 had a pre-existing groundwater right that is not included in the plan of augmentation, it is a Subdistrict Well and the injurious stream depletions occurring from the original use are being remedied pursuant to the Amended Plan. Because a Subdistrict Well irrigates this land, the land is Subdistrict Land within the ambit of the Amended Plan.

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Case No. 96CW5, Application of George Kirkpatrick

This case authorizes the construction of "auxiliary wells." The auxiliary wells are permits # 45102-F WDID 2013719, 45103-F WDID 2013721, and WDID's 2013720, 2013722 and 2008241 to be used in conjunction with existing wells for the irrigation of the SE¼ of Section 6 and the SW¼ of Section 5 in T39N, R10E, N.M.P.M. The "auxiliary wells" are intended to supplement the water supply available from Well No.1, Permit # 22543-F, WDID 2008240 located in the center of the SW¼ of Section 5, and Well No. 2, Permit # 22542-F, WDID 2008241 located in the center of the SE¼ of Section 6. Shares in the San Luis Valley Canal Company and the Prairie Ditch Company represent the surface water rights involved. The plan for augmentation operates by allowing the "auxiliary wells" to withdraw a portion of the water recharged under the surface water rights. The decree limits the consumptive use credits under the surface water rights to 50% of the amount diverted to recharge, and limits the consumptive use that can be made of water diverted by the auxiliary wells to the consumptive use credit calculated under the decree.

This land is Subdistrict Land because it is irrigated by Wells No.1 and #2 under their pre-existing groundwater rights, the injurious depletions from which are remedied by the Subdistrict pursuant to the Amended Plan as implemented by the ARP. Although the auxiliary wells operate pursuant to a decreed plan for augmentation, they irrigate Subdistrict Land that is

also irrigated by Subdistrict Wells. While the auxiliary wells were not assessed a Variable Fee and no surface water credit was given for the water consumed by these wells in 2023, it is necessary to account for these wells in the Amended Plan in order to correctly determine the Farm Unit's Variable Fee and Surface Water Credit.

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Case No. 01CW06, Application of Kimothy and De Ann Cooley

Case No. 01CW06, the application of Kimothy and De Ann Cooley, involves 200 shares of the San Luis Valley Canal that historically have been used for the irrigation of the NE¼ of Section 35, T40N, R10E, N.M.P.M. Prior to 1966, this land was flood irrigated; in 1966 a sprinkler was installed and the San Luis Valley Canal shares were diverted into a holding pond and then used for irrigation through a center pivot sprinkler. The application in Case No. 01CW06 sought to change the manner of irrigation from direct application to the land through the center pivot sprinkler to recharge of the aquifer and then withdrawal of the recharged water through wells supplying the center pivot sprinkler. The decree permits the Applicants to use the 200 shares in the San Luis Valley Canal for direct irrigation and as a source of augmentation for up to 4 wells. WDID Nos. 2014013, 2014014, 2014016 are currently located on the NE¼ of Section 35. The decree authorizes the Applicants to recharge the unconfined aquifer and, pursuant to a formula in the decree, to withdraw a portion of the groundwater so recharged through wells for continued irrigation of the NE¼ of Section 35 by center pivot sprinkler.

Because these wells are limited to the withdrawal of recharge, they create no net depletions from their operations that must be replaced under the Amended Plan. Therefore, they are not considered Subdistrict No.1 Wells, and the land irrigated by the wells is treated as Non-Benefitted Subdistrict No.1 Lands and assessed no Subdistrict No.1 fees. However, the land and wells are part of a larger Farm Unit, and it is necessary to continue to account for the wells and surface water in the Amended Plan in order to properly calculate the Farm Unit's Surface Water Credit and Variable Fees.

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Case No. W-3847, Application of Gary Seger

This case involves an application and decree for conditional alternate points of diversion and a plan for augmentation. The proposed wells in the decree were completed and are being used pursuant to this decree. This operation is not what is commonly described as a plan for augmentation but the court has decreed it as such, so it is included.
The two alternate points of diversion wells are WDID 2005398, Permit # 25360-F, Well No.1A, W-3847 which irrigates the SW¼ S13, T40N, R06E, N.M.P.M. and WDID 2005399, Permit # 25361-F, Well No. 2-A, W-3847 which irrigates the NE¼ S13, T40N, R06E, N.M.P.M. both in Rio Grande County, Colorado. These two wells are alternate points to WDID 2005933, Permit # 6885RR, Well Number 1, W-1231, WDID 2005931, Permit # 16941-F, Well No. 1 and WDID 2005932, Permit # 16940-F, Well No. 2 both of W-3325 which also irrigated the SE¼ S13, T40N, R06E, N.M.P.M. and the SW¼ S18, T40N, R07E, N.M.P.M.

All five wells have a combined groundwater withdrawal limitation of 4,480 gpm. The yield of the

two wells subject to this decree is to be no more than a maximum of 895 gpm each. Mr. Seger has 45 shares of Rio Grande Canal water and 40 shares of Santa Maria Reservoir Company water to serve the four quarters that are associated with this overall plan. As a condition of the decree in this case, half of the water associated with these shares must be recharged in pits on the quarters in order for this plan to operate according to the decree. The court calculated that the water attributable to half of the total shares would be recharged and thence used for irrigation by means of groundwater withdrawals. It also required that none of the shares attributable to the subject plan could be used for flood irrigation purposes.

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11.0 Great Sand Dunes National Park Services

On January 14, 2021 the division engineer accepted the NPS sustainability metric. In 2023, the Great Sand Dunes National Park Services contracted with Subdistrict No.1 for wells that lie outside of Subdistrict No.1 Response Area, but within the RGDSS Model Domain. The approved metric and pumping report can be found in Appendix K.

12.0 HYDRAULIC DIVIDE

The hydraulic divide (divide) is a shallow groundwater divide, that when present, separates the closed basin in the San Luis Valley from the remainder of the Rio Grande Basin. The divide has been historically mapped generally paralleling and lying northerly of the Rio Grande ±½ to ±2 miles through the reach from near Del Norte to Alamosa. The divide extends northwest of Del Norte to the Continental Divide and from Alamosa northeast to the basin divide along the Sangre de Cristo Mountains. Recent water level measurements in wells along the north side of the Rio Grande indicate that the divide has retreated south to the Rio Grande or very near the river. A goal of the Plan of Water Management is to recover and re-establish the divide northerly of the river which is likely to reduce depletions to the Rio Grande from well pumping within Subdistrict #1.

Appendix C contains maps showing the results of groundwater measurements collected during spring 2024. These maps include interpreted groundwater elevation contours and vectors showing direction of groundwater flow. If a well-defined divide lying northerly of the Rio Grande exists, groundwater flow vectors would indicate a groundwater flow from the divide along the southerly side toward the river and on the northerly side toward the Closed Basin. The groundwater flow vectors do not provide evidence of a well-defined divide with the possible exception of an area between Monte Vista and Alamosa where there is some evidence for a few miles. The interpreted location of the divide is shown on the maps prepared from the 2024 groundwater measurements. The approximate divide location in the area between Del Norte and the 7-Mile Plaza is uncertain due to the perched river condition, so it is shown as a dotted line on the maps included in Appendix C.

13.0 GROUNDWATER LEVELS IN THE UNCONFINED AQUIFER AND UNCONFINED AQUIFER STORAGE LEVELS

13.1 Groundwater Levels in the Unconfined and Confined Aquifer

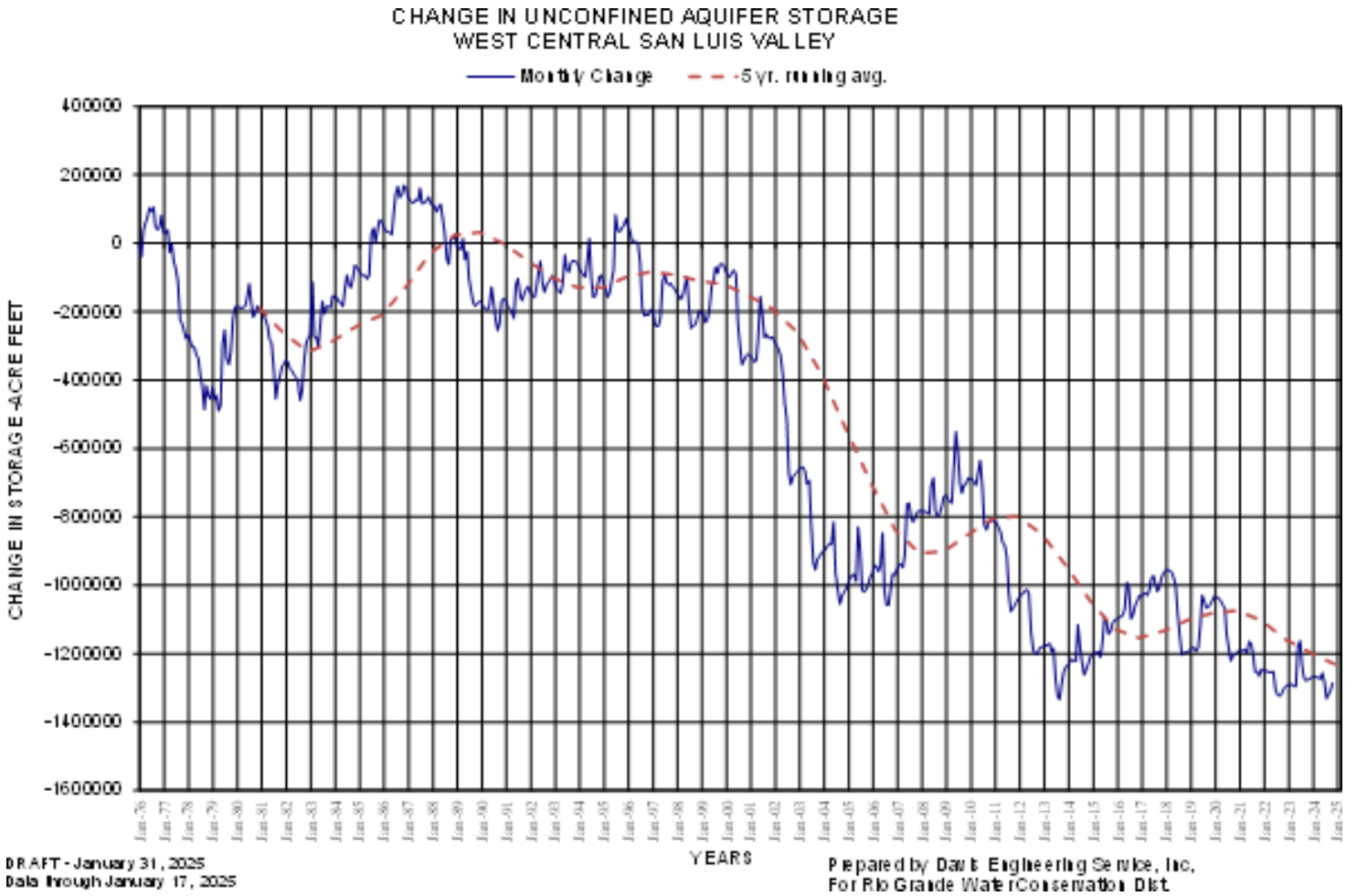
A tabulation of groundwater levels measured in unconfined and confined wells both within the

boundaries of Subdistrict #1 and the study area for the Change in Unconfined Aquifer Storage – West Central San Luis Valley are provided in Appendix D. This tabulation includes measured values for each of the wells obtained during the previous 12-months. A map showing the location of each well is also included in Appendix D.

13.2 Unconfined Aquifer Change in Storage Volumes

A map showing the study area for the Change in Unconfined Aquifer Storage – West Central San Luis Valley and a tabulation of the data is included in Appendix E. The calculated monthly change in unconfined aquifer storage volumes have been accumulated and plotted on a chart and included as Figure 13.1. The monthly change in storage volumes are plotted on the chart and connected by a line on the chart with the horizontal axis divided into years and the vertical axis divided into change in storage in acre-feet. An additional line is plotted on the chart representing the 5-year running average of the annual average of the monthly change in unconfined storage volume.

Figure 13.1
Chart Showing Change in Unconfined Aquifer Storage



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Rio Grande Water Conservation District
8805 Independence Way • Alamosa, Colorado 81101
Phone: (719) 589-6301 • Fax: (719) 992-2026
Protecting & Conserving San Luis Valley Water

Date: 05/02/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of January 2025

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of January 2025. As per the Annual Report for the 2025 Annual Replacement Plan (ARP) Year for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District filed on February 28, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of January 2025 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 January 2025 on a daily basis pursuant to the amounts presented in Table 2.6 in the Subdistrict's 2024 Annual Report. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-51.6 AF) to offset Stream Reach 2 depletions (50.6 AF). All of Stream Reach 3 depletions (-0.5 AF) were remedied by accretions from Stream Reach 3.

The following Tables 1 and 2 illustrate the Subdistrict's replacement water plan operations on a daily basis during January 2025. 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 Subdistrict's Annual Report for the 2024 ARP Year: Subdistrict No. 1 Monthly Net Stream Depletions for 2024 ARP Year—**January 2025 Net Depletion Obligation Total:** 50.6 ac-ft. was owed to Stream Reach 2. **January 2025 Replacement Operation Totals:** Use of 50.6 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions; 1.0 ac-ft of accretions to Stream Reach 1 and 0.5 ac-ft of Stream Reach 3 accretions were remaining at the end of January 2025.

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Protecting & Conserving San Luis Valley Water

Date: 03/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of February 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of February 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of February 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during February 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—February 2025 Net Depletion Obligation Total: 49.9 ac-ft, all owed to Stream Reach 2. February 2025 Replacement Operation Totals: Use of 46.8 ac-ft of Stream Reach 1 accretions and 5.9 ac-ft of Stream Reach 3 accretions to offset Stream Reach 2 depletions. No Closed Basin Project water or Rio Grande Reservoir releases were required.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistric No.1

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Protecting & Conserving San Luis Valley Water

Date: 04/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of March 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of March 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of March 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during March 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—March 2025 Net Depletion Obligation Total: 57.4 ac-ft, all owed to Stream Reach 2. March 2025 Replacement Operation Totals: Use of 56.4 ac-ft of Stream Reach 1 accretions and 9.3 ac-ft of Stream Reach 3 accretions to offset Stream Reach 2 depletions. No Closed Basin Project water or Rio Grande Reservoir releases were required.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
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Protecting & Conserving San Luis Valley Water

Date: 05/12/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of April 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of April 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of April 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during April 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—April 2025 Net Depletion Obligation Total: 49.4 ac-ft owed to Stream Reach 2 and 12.1 ac-ft in Stream Reach 3. April 2025 Replacement Operation Totals: Use of 56.7 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions. Stream Reach 3 depletions were remedied by in-reach accretions. No supplemental releases were required.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistric No.1

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Protecting & Conserving San Luis Valley Water

Date: 06/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of May 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of May 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of May 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during May 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—May 2025 Net Depletion Obligation Total: 53.9 ac-ft owed to Stream Reach 2 and 1.0 ac-ft in Stream Reach 3. May 2025 Replacement Operation Totals: Use of 61.0 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions. Stream Reach 3 depletions were remedied by in-reach accretions. No supplemental releases were required.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistric No.1

Rio Grande Water Conservation District
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Protecting & Conserving San Luis Valley Water

Date: 07/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of June 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of June 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of June 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during June 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—June 2025 Net Depletion Obligation Total: 43.7 ac-ft owed to Stream Reach 2 and 10.5 ac-ft in Stream Reach 3. June 2025 Replacement Operation Totals: Use of 56.9 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions. Stream Reach 3 depletions were remedied by in-reach accretions. No supplemental releases were required.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
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Protecting & Conserving San Luis Valley Water

Date: 08/11/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of July 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of July 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of July 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during July 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—July 2025 Net Depletion Obligation Total: 34.5 ac-ft owed to Stream Reach 2. July 2025 Replacement Operation Totals: Use of 64.1 ac-ft of Stream Reach 1 accretions and 5.0 ac-ft of Stream Reach 3 accretions to offset Stream Reach 2 depletions. No supplemental releases were required.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager,
Subdistric No.1

Rio Grande Water Conservation District
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Protecting & Conserving San Luis Valley Water

Date: 09/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of August 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of August 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, 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 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during August 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2025 ARP: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—August 2025 Net Depletion Obligation Total: 36.2 ac-ft owed to Stream Reach 2 and 10.5 ac-ft in Stream Reach 3. August 2025 Replacement Operation Totals: Use of 30.9 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions. Stream Reach 3 depletions were remedied by in-reach accretions. 2.2 ac-ft of Rio Grande Reservoir water was released during August.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistric No.1

Rio Grande Water Conservation District
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Protecting & Conserving San Luis Valley Water

Date: 10/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of September 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of September 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, 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 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during September 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the approval letter for the Subdistrict's 2025 ARP: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—September 2025 Net Depletion Obligation Total: 36.2 ac-ft owed to Stream Reach 2. September 2025 Replacement Operation Totals: Use of 28.0 ac-ft of Stream Reach 1 accretions and 13.71 ac-ft of releases to offset Stream Reach 2 depletions. Stream Reach 3 accretions were not used due to 0% curtailment.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistric No.1

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Protecting & Conserving San Luis Valley Water

Date: 11/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of October 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of October 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, 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 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during October 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the approval letter for the Subdistrict's 2025 ARP: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—October 2025 Net Depletion Obligation Total: 49 ac-ft owed to Stream Reach 2. October 2025 Replacement Operation Totals: Use of 56.5 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions. Remaining Stream Reach 1 and Stream Reach 3 accretions were not used.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager,
Subdistric No.1

Rio Grande Water Conservation District
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Protecting & Conserving San Luis Valley Water

Date: 12/10/2025

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of November 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of November 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of November 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during November 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—November 2025 Net Depletion Obligation Total: 75.5 ac-ft owed to Stream Reach 2 and 1.8 ac-ft in Stream Reach 3. November 2025 Replacement Operation Totals: Use of 31.7 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions. 43.8 ac-ft of Closed Basin Project water was delivered to remedy the shortage. Stream Reach 3 depletions were remedied by in-reach accretions.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistric No.1

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8805 Independence Way • Alamosa, Colorado 81101
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Protecting & Conserving San Luis Valley Water

Date: 01/12/2026

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of December 2025.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of December 2025. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of December 2025 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrates the Subdistrict's replacement water plan operations on a daily basis during December 2025.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the Subdistrict's 2024 Annual Report: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—December 2025 Net Depletion Obligation Total: 79.9 ac-ft owed to Stream Reach 2. December 2025 Replacement Operation Totals: Use of 29.9 ac-ft of Stream Reach 1 accretions to offset Stream Reach 2 depletions. 50.0 ac-ft of Closed Basin Project water was delivered to remedy the shortage. No replacement water was required for Stream Reach 3.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistric No.1

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Protecting & Conserving San Luis Valley Water

Date: 02/11/2026

RE: Subdistrict No. 1 Replacement Water

Accounting for the month of January, 2026.

Dear Mr. Cotten,

The following is the Subdistrict No. 1 Replacement Water Accounting for the month of January 2026. As per the Terms and Condition No. 7 of the 2025 Annual Replacement Plan (ARP) Approval for Special Improvement Subdistrict No. 1 of the Rio Grande Water Conservation District document received from Colorado State Engineer Jason Ullmann on May 1, 2025, this data will be broken down to include the following: Subdistrict diversions, depletions, replacement sources and river calls on a monthly basis.

Synopsis of January 2026 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 December on a daily basis pursuant to the amounts presented in Table 2.6 in the approval letter for the Subdistrict's 2025 ARP. Subdistrict No. 1 used response function accretions from Stream Reach 1 (-22.5 AF) and Stream Reach 3 (-1.8 AF) to offset Stream Reach 2 depletions (81.7 AF). The remainder of Stream Reach 2 depletions (57.4 AF) were remedied by releases of water from the Closed Basin Project (CBP) totaling 57.4 AF. Any CBP shortfall will be delivered in March and April.

The following Table 1 illustrate the Subdistrict's replacement water plan operations on a daily basis during January, 2026.

Table 1: Subdistrict No. 1 depletions per Table 2.6 in the approval letter for the Subdistrict's 2025 ARP: Subdistrict No. 1 Monthly Net Stream Depletions for 2025 ARP Year—**January 2026 Net Depletion Obligation Total:** 81.7 ac-ft of which all was owed to Stream Reach 2. **January 2026 Replacement Operation Totals:** Use of 22.5 ac-ft of Stream Reach 1 accretions and 1.8 ac-ft of Stream Reach 3 accretions to offset Stream Reach 2 depletions; 57.4 ac-ft of Closed Basin Project water was used for Stream Reach 2 depletions.

Contact person responsible for the operation and accounting for Subdistrict No. 1:
Quinton Norris
Office Phone: 719-589-6301 Program Manager, Subdistrict #1

Table 1

Date	Depletion Obligation				SD #1 Replacement Water Sources			
January 2026	SR-1 Ac-ft.	SR-2 Ac-ft.	SR-3 Ac-ft.	Total Depletion Still Owed	CBP to SR-2 (Ac-ft.)	Total Replacement (SR-1+SR-3+CBP) To SR-2		Last Priority Served
2025 ARP for January 2026	-22.5	81.7	-1.8	57.4	-57.4	-81.7		
1	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
2	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
3	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
4	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
5	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
6	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
7	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
8	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
9	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
10	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
11	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
12	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
13	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
14	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
15	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
16	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
17	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
18	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
19	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
20	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
.921	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
22	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
23	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
24	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
25	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
26	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
27	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
28	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
29	-0.72	2.64	-0.06	1.85	-1.85	-2.64		Rio Grande Compact
30	-0.72	2.64	-0.05	1.85	-1.85	-2.64		Rio Grande Compact
31	-0.90	2.50	-0.01	1.90	-1.90	-2.5		Rio Grande Compact
Total (AF)	**-22.5**	**81.7**	**-1.8**	**57.4**	**-50.0**	**-81.7**		

APPENDIX B

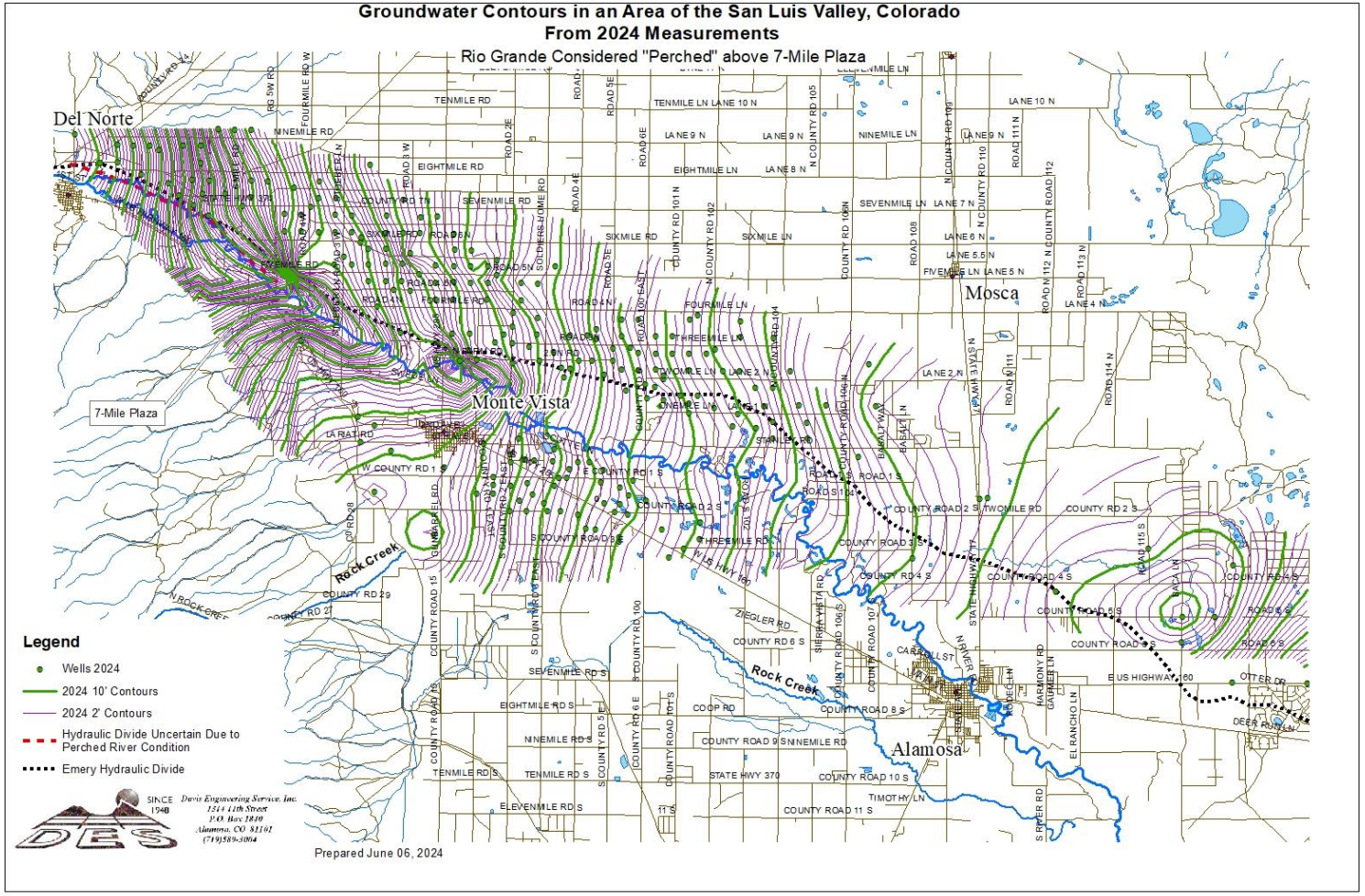
Ditches and Pro Rata Shares

Summary of Ditches and Pro-Rata Shares
Allocated to Fields on Subdistrict No. 1 2025 Farm Units

WDID	Structure Name	Amount	Pro-rata Units
2000546	BILLINGS D	339	shares
2000556	BUTLER IRR D	5.8	cfs priority
2000627	EXCELSIOR D	5	shares
2000631	FARMERS UNION CNL	60,855.481	acres
2000699	KANE CALLAN D	24	cfs priority
2000736	MCDONALD D	7.4	shares
2000798	PRAIRIE D	6.999	D&L
2000798	PRAIRIE D	1.6	McD
2000798	PRAIRIE D	245.8	shares
2000812	RIO GRANDE CNL	918.4	in SpW
2000812	RIO GRANDE CNL	6,727.73	shares
2000812	RIO GRANDE CNL	4,758	SM
2000814	RIO GRANDE D 2	3	cfs priority
2000829	SAN LUIS VALLEY CNL	11,137.27	shares
2000833	SCHUCH SCHMIDT D	4.4	cfs priority
2001105	WEE RUBY RES SUPPLY D	1	cfs priority
2700502	BIEDELL D NO 10	34.92	cfs priority
2700503	BIEDELL D NO 2	2.34	cfs priority
2700518	GREEN D NO 1	16.34	cfs priority
2700522	HOME D NO 1	32.45	cfs priority
2700523	JOHNNIE SMITH D NO 1	20	cfs
2700523	JOHNNIE SMITH D NO 1	21.35	cfs priority
2700533	MCLEOD D NO 3	0.65	cfs priority
2700537	MOODY AND HEAD D	6.12	cfs priority
2700538	OMNIBUS D	61.82	cfs priority
2700543	ROCKY HILL SEPG OVFL D	1	cfs priority
2700545	SHOWN D	13.08	cfs priority
2700551	WHITE D	17.9	cfs priority
2700553	WILSON D NO 4	2.08	cfs priority
2700684	LA MAGOTE D NO 2	3.64	cfs priority
2700714	MCLEOD D NO 4 & 5	3.12	cfs priority

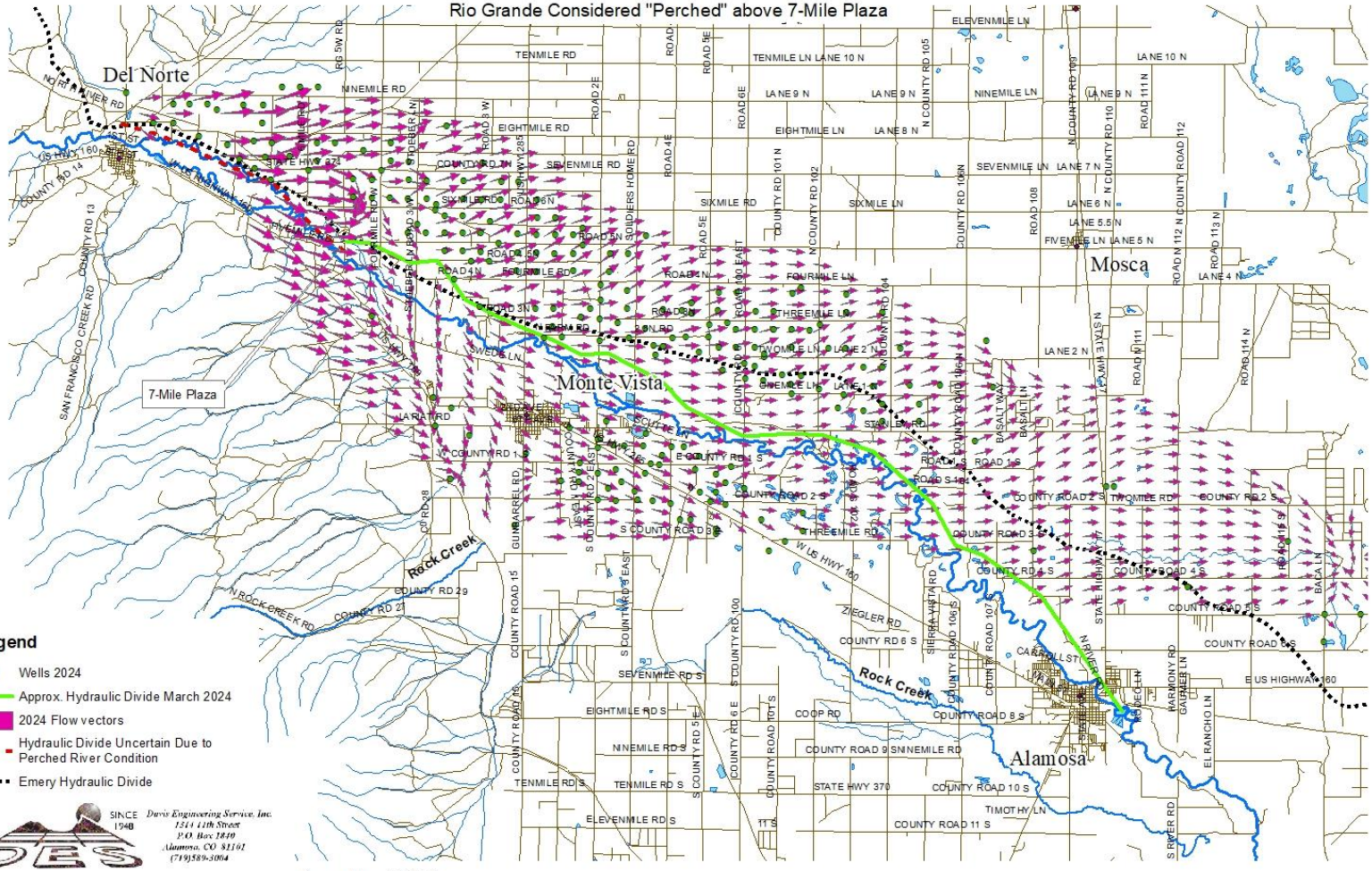
APPENDIX C

MAPS OF HYDRAULIC DIVIDE SHOWING GROUNDWATER CONTOURS AND FLOW VECTORS PREPARED FROM SPRING 2024 WELL MEASUREMENTS



Groundwater Flow Vectors in an Area of the San Luis Valley, Colorado
From 2024 Measurements

Rio Grande Considered "Perched" above 7-Mile Plaza



Prepared June 06, 2024

APPENDIX D

TABULATION OF MEASURED GROUNDWATER LEVELS IN WELLS WITHIN SUBDISTRICT NO. 1 AND CHANGE IN UNCONFINED AQUIFER STORAGE STUDY WELLS

USGS 375524106020501, NA04300931CCC, RGWCD13A			
RG13A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
30.0	37.9264803 N	106.03490436 W	7562.51
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	8.53	7553.98	RGWCD
2/26/2025	8.43	7554.08	RGWCD
3/7/2025	8.37	7554.14	RGWCD
4/12/2025	8.01	7554.50	RGWCD
5/21/2025	7.97	7554.54	RGWCD
6/12/2025	8.08	7554.43	RGWCD
7/7/2025	8.35	7554.16	RGWCD
8/5/2025	8.63	7553.88	RGWCD
9/2/2025	8.77	7553.74	RGWCD
10/8/2025	8.73	7553.78	RGWCD
11/10/2025	8.76	7553.75	RGWCD
12/4/2025	8.66	7553.85	RGWCD
1/8/2026	8.60	7553.91	RGWCD
USGS 375324105553301, NA04201007CCC, RGWCD18			
RG18			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
57.0	37.89225365 N	105.92872105 W	7550.20
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)

1/17/2025	14.48	7535.72	RGWCD
2/11/2025	14.79	7535.41	RGWCD
3/4/2025	14.87	7535.33	RGWCD,USGS
4/12/2025	14.88	7535.32	RGWCD
5/16/2025	14.92	7535.28	RGWCD
6/12/2025	14.92	7535.28	RGWCD
7/1/2025	14.93	7535.27	RGWCD
8/1/2025	14.95	7535.25	RGWCD
9/2/2025	14.96	7535.24	RGWCD
10/1/2025	14.91	7535.29	RGWCD
11/5/2025	14.87	7535.33	RGWCD
12/1/2025	14.75	7535.45	RGWCD
1/6/2026	14.79	7535.41	RGWCD
USGS 375005106092501, NA04100701BAA, RGWCD21A			
RG21A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
30.0	37.83507202 N	106.15675306 W	7636.36
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	17.80	7618.56	RGWCD
2/21/2025	18.46	7617.90	RGWCD
3/7/2025	18.54	7617.82	RGWCD
4/12/2025	18.66	7617.70	RGWCD
5/21/2025	18.58	7617.78	RGWCD
6/12/2025	18.48	7617.88	RGWCD
7/7/2025	15.83	7620.53	RGWCD
8/5/2025	16.68	7619.68	RGWCD
9/2/2025	17.56	7618.80	RGWCD
10/8/2025	16.48	7619.88	RGWCD
11/10/2025	17.02	7619.34	RGWCD
12/4/2025	17.60	7618.76	RGWCD
1/8/2026	18.07	7618.29	RGWCD

USGS 375016106021201, NA04200931CCC2, RGWCD22			
RG22			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
27.0	37.83781084 N	106.03671275 W	7580.87
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	Dry Well	-	RGWCD
1/8/2026	Dry Well	-	RGWCD
USGS 375010105554302, NA04200936DDD2, RGWCD23A			
RG23A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
56.0	37.8361106 N	105.9291867 W	7552.85
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	42.72	7510.13	RGWCD
2/11/2025	41.49	7511.36	RGWCD
3/4/2025	41.18	7511.67	RGWCD,USGS
4/12/2025	40.48	7512.37	RGWCD
5/16/2025	40.17	7512.68	RGWCD
6/1/2025	40.76	7512.09	RGWCD
7/1/2025	42.20	7510.65	RGWCD
8/1/2025	43.88	7508.97	RGWCD
9/2/2025	44.54	7508.31	RGWCD
10/1/2025	43.86	7508.99	RGWCD
11/5/2025	43.38	7509.47	RGWCD
12/1/2025	42.55	7510.30	RGWCD
1/6/2026	44.20	7508.65	RGWCD

USGS 375009105503001, NA04101002ABA, RGWCD24A			
RG24A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
34.3	37.83712921 N	105.84191175 W	7535.80
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	16.23	7519.57	RGWCD
2/17/2025	16.13	7519.67	RGWCD
3/4/2025	16.49	7519.31	RGWCD,USGS
4/12/2025	16.34	7519.46	RGWCD
5/16/2025	16.32	7519.48	RGWCD
6/13/2025	16.32	7519.48	RGWCD
7/1/2025	16.19	7519.61	RGWCD
8/5/2025	16.34	7519.46	RGWCD
9/2/2025	16.45	7519.35	RGWCD
10/1/2025	16.40	7519.40	RGWCD
11/5/2025	16.36	7519.44	RGWCD
12/1/2025	16.41	7519.39	RGWCD
1/6/2026	16.22	7519.58	RGWCD
USGS 374410105464701, NA04001109BBB, RGWCD27A			
RG27A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
75.3	37.73608331 N	105.78032456 W	7537.22
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)

1/172025	15.23	7521.99	RGWCD
2/17/2025	15.16	7522.06	RGWCD
3/11/2025	15.13	7522.09	RGWCD
4/12/2025	15.17	7522.05	RGWCD
5/16/2025	15.07	7522.15	RGWCD
6/16/2025	15.06	7522.16	RGWCD
7/1/2025	15.05	7522.17	RGWCD
8/5/2025	14.90	7522.32	RGWCD
9/2/2025	15.20	7522.02	RGWCD
10/1/2025	15.20	7522.02	RGWCD
11/5/2025	15.25	7521.97	RGWCD
12/1/2025	15.33	7521.89	RGWCD
1/6/2026	15.21	7522.01	RGWCD
USGS 374704105590002, NA04100921DAA, RGWCD28-1			
RG28-1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
-	37.78448396 N	105.98354869 W	7579.49
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	Dry Well	-	RGWCD
1/26/2026	Dry Well	-	RGWCD
USGS 374505105554001, NA04100936DDA, RGWCD28A			
RG28A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
53.0	37.75197957 N	105.92816372 W	7571.95
Unconfined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	41.65	7530.29	RGWCD
2/11/2025	41.50	7530.44	RGWCD
3/27/2025	41.32	7530.62	RGWCD,USGS
4/6/2025	41.28	7530.66	RGWCD
5/16/2025	41.62	7530.32	RGWCD
6/1/2025	41.87	7530.07	RGWCD
7/1/2025	41.87	7530.07	RGWCD
8/1/2025	43.04	7528.90	RGWCD
9/2/2025	43.11	7528.83	RGWCD
10/1/2025	43.73	7528.21	RGWCD
11/5/2025	44.09	7527.85	RGWCD
12/1/2025	43.16	7528.78	RGWCD
1/6/2026	41.70	7530.24	RGWCD

USGS 374446106022001, NA04000801AAD, RGWCD29			
RG29			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
25.0	37.74568511 N	106.03849378 W	7608.27
Unconfined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	Dry Well	-	RGWCD
1/6/2026	Dry Well	-	RGWCD

RGWCD29A			
RG29A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
-	37.74810207 N	106.03860429 W	7608.95
Unconfined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	Dry Well	-	RGWCD
1/8/2026	Dry Well	-	RGWCD
USGS 374736106053404, NA04100815CCC4, RGWCD29-1			
RG29-1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
30.3	37.79492139 N	106.09337319 W	7622.47
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	Dry Well	-	RGWCD
1/26/2026	Dry Well	-	RGWCD
USGS 374455106085501, NA04100831CCC, RGWCD31			
RG31			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
73.0	37.74863225 N	106.14876475 W	7668.30
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	41.72	7626.58	RGWCD
2/21/2025	42.19	7626.11	RGWCD
3/7/2025	42.10	7626.20	RGWCD
4/6/2025	42.27	7626.03	RGWCD
5/16/2025	No Measurement	-	RGWCD

6/13/2025	No Measurement	-	RGWCD
7/7/2025	No Measurement	-	RGWCD
8/5/2025	42.60	7625.70	RGWCD
9/2/2025	43.86	7624.44	RGWCD
10/8/2025	41.34	7626.96	RGWCD
11/10/2025	41.52	7626.78	RGWCD
12/4/2025	41.90	7626.40	RGWCD
1/8/2026	41.75	7626.55	
USGS 374500106153401, NA04100636DDD, RGWCD33B			
RG33B			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
130.0	37.75035656 N	106.25933339 W	7755.58
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	80.71	7674.87	RGWCD
2/21/2025	79.73	7675.85	RGWCD
3/7/2025	79.54	7676.04	RGWCD
4/7/2025	79.56	7676.02	RGWCD
5/16/2025	80.28	7675.30	RGWCD
6/12/2025	80.82	7674.76	RGWCD
7/7/2025	81.46	7674.12	RGWCD
8/5/2025	81.74	7673.84	RGWCD
9/2/2025	82.15	7673.43	RGWCD
10/8/2025	81.83	7673.75	RGWCD
11/10/2025	81.71	7673.87	RGWCD
12/4/2025	81.22	7674.36	RGWCD
1/8/2026	79.54	7676.04	RGWCD
USGS 374046106163801, NA04000625CBC, RGWCD35			
RG35			

Well Depth (ft.)	Latitude (NAD83)	Longitude (NAD83)	Ground Elevation (ft. NAVD88)
48.0	37.67986113 N	106.27752283 W	7810.76
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	Dry Well	-	RGWCD
2/21/2025	Dry Well	-	RGWCD
3/7/2025	Dry Well	-	RGWCD
4/12/2025	Dry Well	-	RGWCD
5/21/2025	Dry Well	-	RGWCD
6/12/2025	24.93	7785.83	RGWCD
7/7/2025	27.18	7783.58	RGWCD
8/5/2025	Dry Well	-	RGWCD
9/2/2025	Dry Well	-	RGWCD
10/8/2025	Dry Well	-	RGWCD
11/10/2025	Dry Well	-	RGWCD
12/4/2025	Dry Well	-	RGWCD
1/8/2026	Dry Well	-	RGWCD
RGWCD35A			
RG35A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
-	37.67984318 N	106.27752760 W	7811.09
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	43.65	7767.45	RGWCD
2/21/2025	47.79	7763.31	RGWCD
3/7/2025	48.20	7762.90	RGWCD
4/12/2025	49.68	7761.42	RGWCD
5/21/2025	50.22	7760.88	RGWCD

6/12/2025	48.14	7762.96	RGWCD
7/7/2025	46.34	7764.76	RGWCD
8/5/2025	44.87	7766.23	RGWCD
9/2/2025	48.35	7762.75	RGWCD
10/8/2025	45.19	7765.91	RGWCD
11/10/2025	45.08	7766.02	RGWCD
12/4/2025	44.55	7766.55	RGWCD
1/8/2026	44.80	7766.30	RGWCD
USGS 373924106082501, NA03900806BCB, RGWCD37			
RG37			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
37.0	37.65664607 N	106.14877939 W	7683.30
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	32.97	7650.33	RGWCD,USGS
2/17/2025	32.92	7650.38	RGWCD,USGS
3/7/2025	31.94	7651.36	RGWCD,USGS
4/12/2025	31.51	7651.79	RGWCD,USGS
5/21/2025	31.65	7651.65	RGWCD,USGS
6/16/2025	30.59	7652.71	RGWCD,USGS
7/7/2025	31.47	7651.83	RGWCD
8/5/2025	36.61	7646.69	RGWCD
9/2/2025	36.71	7646.59	RGWCD
10/8/2025	36.19	7647.11	RGWCD
11/10/2025	34.45	7648.85	RGWCD
12/4/2025	33.10	7650.20	RGWCD
1/8/2026	33.02	7650.28	RGWCD
USGS 374210106053001, NA04000815CCC, RGWCD37-1			
RG37-1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**

100.0	37.70511497 N	106.09358614 W	7642.92
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	40.32	7602.60	RGWCD
2/17/2025	40.27	7602.65	RGWCD
3/11/2025	40.15	7602.77	RGWCD
4/12/2025	40.07	7602.85	RGWCD
5/21/2025	39.86	7603.06	RGWCD
6/16/2025	41.89	7601.03	RGWCD
7/7/2025	41.47	7601.45	RGWCD
8/5/2025	40.17	7602.75	RGWCD
9/2/2025	39.77	7603.15	RGWCD
10/10/2025	39.67	7603.25	RGWCD
11/12/2025	39.82	7603.10	RGWCD
12/9/2025	40.51	7602.41	RGWCD
1/16/2026	40.42	7602.50	RGWCD
USGS 373944106022001, NA04000931CCC, RGWCD39			
RG39			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
28.0	37.66177691 N	106.03886731 W	7616.65
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025			RGWCD
2/26/2025	28.83	7587.82	RGWCD
3/7/2025	27.60	7589.05	RGWCD
4/12/2025	28.43	7588.22	RGWCD
5/21/2025			RGWCD
6/16/2025			RGWCD
7/7/2025			RGWCD
8/5/2025			RGWCD

9/2/2025			RGWCD
10/8/2025			RGWCD
11/10/2025			RGWCD
12/4/2025			RGWCD
1/8/2026			RGWCD
USGS 374220105585801, NA04000916DDD, RGWCD39-1			
RG39-1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
29.2	37.70534055 N	105.98357822 W	7590.86
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2025	28.69	7562.17	RGWCD
2/17/2025	28.63	7562.23	RGWCD
3/11/2025	28.32	7562.54	RGWCD
4/6/2025	28.23	7562.63	RGWCD
5/21/2025	28.20	7562.66	RGWCD
6/21/2025	28.50	7562.36	RGWCD
7/7/2025	28.42	7562.44	RGWCD
8/5/2025	28.18	7562.68	RGWCD
9/2/2025	29.00	7561.86	RGWCD
10/10/2025	28.81	7562.05	RGWCD
11/13/2025	28.65	7562.21	RGWCD
12/10/2025	28.70	7562.16	RGWCD
1/16/2026	28.73	7562.13	RGWCD
USGS 373944105553701, NA03901006BBB, RGWCD40			
RG40			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
28.0	37.66183616 N	105.92740756 W	7575.14
Unconfined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/17/2024	17.46	7557.68	RGWCD
2/11/2025	16.79	7558.35	RGWCD
3/4/2025	16.86	7558.28	RGWCD
4/12/2025	16.63	7558.51	RGWCD
5/16/2025	16.74	7558.40	RGWCD
6/1/2025	17.07	7558.07	RGWCD
7/1/2025	17.08	7558.06	RGWCD
8/1/2025	19.34	7555.80	RGWCD
9/3/2025	19.40	7555.74	RGWCD
10/1/2025	18.93	7556.21	RGWCD
11/5/2025	17.75	7557.39	RGWCD
12/1/2025	17.82	7557.32	RGWCD
1/6/2026	17.57	7557.57	RGWCD
USGS 373947105490701, NA03901106BBB, RGWCD41			
RG41			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
27.0	37.66237308 N	105.81863525 W	7542.08
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/16/2025	10.78	7531.30	RGWCD
2/11/2025	10.99	7531.09	RGWCD
3/4/2025	11.06	7531.02	RGWCD,USGS
4/12/2025	11.15	7530.93	RGWCD
5/16/2025	11.13	7530.95	RGWCD
6/1/2025	7.88	7534.20	RGWCD
7/1/2025	10.08	7532.00	RGWCD
8/1/2025	11.10	7530.98	RGWCD
9/3/2025	11.21	7530.87	RGWCD
10/1/2025	11.42	7530.66	RGWCD
11/4/2025	11.36	7530.72	RGWCD

12/1/2025	10.90	7531.18	RGWCD
1/6/2026	11.12	7530.96	RGWCD
USGS 373433105513201, NA03901034DDD, RGWCD49			
RG49			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
30.0	37.57517204 N	105.85856339 W	7548.69
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/16/2025	7.68	7540.60	RGWCD
2/17/2025	7.48	7540.80	RGWCD
3/11/2025	7.68	7540.60	RGWCD
4/6/2025	7.67	7540.61	RGWCD
5/16/2025	7.44	7540.84	RGWCD
6/13/2025	7.35	7540.93	RGWCD
7/1/2025	7.44	7540.84	RGWCD
8/7/2025	7.41	7540.87	RGWCD
9/3/2025	7.88	7540.40	RGWCD
10/1/2025	7.83	7540.45	RGWCD
11/5/2025	7.78	7540.50	RGWCD
12/1/2025	7.75	7540.53	RGWCD
1/8/2026	7.80	7540.48	RGWCD
USGS 373429105554001, NA03901031CCC, RGWCD50A			
RG50A			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
25.0	37.57448259 N	105.92832561 W	7569.82
Unconfined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/16/2025	13.22	7556.60	RGWCD
2/17/2025	13.18	7556.64	RGWCD
3/11/2025	13.05	7556.77	RGWCD
4/6/2025	13.03	7556.79	RGWCD
5/22/2025	12.45	7557.37	RGWCD
6/13/2025	12.20	7557.62	RGWCD
7/17/2025	12.58	7557.24	RGWCD
8/7/2025	12.50	7557.32	RGWCD
9/3/2025	12.71	7557.11	RGWCD
10/10/2025	12.85	7556.97	RGWCD
11/12/2025	12.85	7556.97	RGWCD
12/9/2025	13.03	7556.79	RGWCD
1/8/2026	12.36	7557.46	RGWCD
USGS 373704105593401, NA03900921BAA1, RGWCD50-1			
RG50-1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
32.5	37.61788754 N	105.99401756 W	7594.77
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/16/2025	17.26	7577.51	RGWCD
2/17/2025	17.20	7577.57	RGWCD
3/11/2025	17.68	7577.09	RGWCD
4/6/2025	16.99	7577.78	RGWCD
5/22/2025	17.79	7576.98	RGWCD
6/13/2025	17.72	7577.05	RGWCD
7/17/2025	18.39	7576.38	RGWCD
8/7/2025	18.31	7576.46	RGWCD
9/3/2025	19.46	7575.31	RGWCD
10/10/2025	19.30	7575.47	RGWCD
11/12/2025	19.27	7575.50	RGWCD

12/9/2025	17.99	7576.78	RGWCD
1/16/2026	18.20	7576.57	RGWCD
USGS 373438106022101, NA03900931CCB, RGWCD51			
RG51			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
27.0	37.57691792 N	106.03893236 W	7602.3
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/16/2025	5.95	7596.35	RGWCD
2/26/2025	6.24	7596.06	RGWCD
3/7/2025	6.25	7596.05	RGWCD
4/6/2025	6.19	7596.11	RGWCD
5/21/2025	5.18	7597.12	RGWCD
6/13/2025	5.48	7596.82	RGWCD
7/7/2025	6.13	7596.17	RGWCD
8/5/2025	6.07	7596.23	RGWCD
9/3/2025	6.19	7596.11	RGWCD
10/10/2025	6.13	7596.17	RGWCD
11/10/2025	6.06	7596.24	RGWCD
12/4/2025	6.27	7596.03	RGWCD
1/8/2026	6.03	7596.27	RGWCD
USGS 373705106051701, NA03900815CDC, RGWCD51-1			
RG51-1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
30.0	37.61804315 N	106.08926406 W	7638.71
Unconfined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/16/2025	11.82	7626.89	RGWCD
2/17/2025	11.76	7626.95	RGWCD
3/11/2025	12.58	7626.13	RGWCD
4/6/2025	12.69	7626.02	RGWCD
5/22/2025	12.43	7626.28	RGWCD
6/13/2025	12.73	7625.98	RGWCD
7/17/2025	12.60	7626.11	RGWCD
8/7/2025	12.56	7626.15	RGWCD
9/3/2025	13.99	7624.72	RGWCD
10/10/2025	12.80	7625.91	RGWCD
11/12/2025	12.76	7625.95	RGWCD
12/9/2025	11.92	7626.79	RGWCD
1/16/2026	11.95	7626.76	RGWCD

USGS 374030106020001, NA04000931BAB, RGWCD ALA 2			
ALA 2			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
415.0	37.67500094 N	106.03391380 W	7614.27
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/30/2025	-10.88	7624.90	RGWCD
*Preliminary Measurement			
USGS 373457106003801, NA03900932BCC, RGWCD ALA10			
ALA 10			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
2084.0	37.58139100 N	106.02141390 W	7596.20

Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/25/2025	-22.10	7620.50	RGWCD
9/22/2025	-2.98	7601.40	RGWCD
*Preliminary Measurement			
USGS 373748105511501, NA03901014BBC, RGWCD ALA 13			
ALA 13			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
2150.0	37.63000180 N	105.85474300 W	7551.8
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
10/24/2025	3.70	7551.60	RGWCD
*Preliminary Measurement			
USGS 373633106040901, NA03900823CAB, RGWCD RIO 3			
RIO 3			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
199.0	37.60916667 N	106.06916670 W	7629.37
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	-	-	-

*Preliminary Measurement			
USGS 373620106054001, NA03900821DDA, RGWCD RIO 4			
RIO 4			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
986.0	37.60555786 N	106.09502700 W	7636.44
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/28/2025	-2.12	7639.40	RGWCD
10/29/2025	-0.05	7637.30	RGWCD
*Preliminary Measurement			
USGS 375035106105501, NA04200735BCC, RGWCD SAG 1			
SAG1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
825.0	37.84305656 N	106.18252770 W	7651.62
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
10/20/2025	29.54	7621.30	RGWCD
*Preliminary Measurement			
USGS 375310106021501, NA04200907CCC, RGWCD SAG 2			
SAG 2			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
1987.0	37.73608331 N	105.78032456 W	7567.15
Confined Aquifer			

Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/28/2025	-44.56	7610.90	RGWCD
9/7/2025	-36.67	7603.00	RGWCD
12/11/2025	-40.83	7607.20	RGWCD
*Preliminary Measurement			
USGS 375155106021501, NA04200919CCC1, RGWCD SAG 4			
SAG 4			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
2301.0	37.86527760 N	106.03807770 W	7572.18
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/28/2025	-47.89	7622.20	RGWCD
9/22/2025	-24.73	7599.10	RGWCD
*Preliminary Measurement			
USGS 375154106102501, NA04200723CDD, RGWCD SAG 6			
SAG 6			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
120.0	37.86500084 N	106.17419380 W	7634.59
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
10/20/2025	18.28	7617.00	RGWCD
*Preliminary Measurement			

USGS 375255106084401, NA04200818CCB, RGWCD SAG 9			
SAG 9			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
900.0	37.88194500 N	106.14613690 W	7609.52
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/28/2025	-8.89	7619.80	RGWCD
*Preliminary Measurement			
USGS 375310106050001, NA04200815ACC, RGWCD SAG 10			
SAG 10			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
2087.0	37.88638899 N	106.08196780 W	7584.32
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/28/2025	-33.58	7618.10	RGWCD
9/17/2025	-24.27	7608.80	RGWCD
10/20/2025	-26.95	7611.40	RGWCD
12/11/2025	-31.58	7616.10	RGWCD
*Preliminary Measurement			
USGS 375009106021001, NA04200931CCC, RGWCD SAG 11			
SAG 11			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
1350.0	37.83583318 N	106.03668950 W	7582.21

Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
	No Measurements		RGWCD
*Preliminary Measurement			
USGS 374915106013001, NA04100906DCD, RGWCD SAG 17			
SAG 17			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
700.0	37.82111088 N	106.02557830 W	7583.18
Confined Aquifer			
Date	Artesian Pressure Head Below Ground (ft.)*	Water Level Elevation (ft. NAVD88)	Data Source(s)
3/28/2025	-27.05	7610.20	RGWCD
10/30/2025	-23.05	7606.20	RGWCD
*Preliminary Measurement			

USGS 373450105592901, NA03900933ABA			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
86.0	37.58871896 N	105.98975942 W	7593.61
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-

USGS 373820105541501, NA03901008ABB			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
104.0	37.64725136 N	105.90088300 W	7567.84
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 373855105490901, NA03901001DDD1			
EW-32U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.64852484 N	105.81991496 W	7542.15
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	7.64	7534.51	USBR
2/15/2025	7.65	7534.50	USBR
3/15/2025	7.65	7534.50	USBR
4/15/2025	7.66	7534.49	USBR
5/15/2025	7.68	7534.47	USBR
6/15/2025	7.53	7534.62	USBR
7/15/2025	7.76	7534.39	USBR
8/15/2025	7.96	7534.19	USBR
8/17/2025	7.97	7534.18	USBR
9/15/2025	8.04	7534.11	USBR
USGS 373855105490902, NA03901001DDD2			
EW-32C			

Well Depth (ft.)	Latitude (NAD83)	Longitude (NAD83)	Ground Elevation (ft. NAVD88)
200.0	37.64852484 N	105.81991496 W	7542.15
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	8.57	7533.58	USBR
2/15/2025	8.30	7533.85	USBR
3/15/2025	8.18	7533.97	USBR
4/15/2025	8.10	7534.05	USBR
5/15/2025	8.12	7534.03	USBR
6/15/2025	8.34	7533.81	USBR
7/15/2025	9.88	7532.27	USBR
8/15/2025	10.33	7531.82	USBR
8/17/2025	10.39	7531.76	USBR
9/15/2025	9.88	7532.27	USBR
USGS 373950105534001, NA04001033BCB			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
135.0	37.67158430 N	105.89138270 W	7562.85
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374002106021401, NA04000931BBC			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
86.0	37.67227880 N	106.03871950 W	7616.29
Unconfined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374110105565501, NA04000924CCC			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
62.0	37.69111165 N	105.94621710 W	7579.96
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374224105493901, NA04001024BAA1			
EW-33U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.70649518 N	105.82779667 W	7545.29
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
2/7/2025	22.20	7523.09	USBR
3/15/2025	22.09	7523.20	USBR
4/15/2025	22.00	7523.29	USBR
5/20/2025	21.95	7523.34	USBR
6/15/2025	21.99	7523.30	USBR
7/15/2025	22.03	7523.26	USBR
8/15/2025	22.08	7523.21	USBR
8/21/2025	22.09	7523.20	USBR
9/15/2025	1/22/1900	8/5/1920	USBR

USGS 374224105493902, NA04001024BAA2			
EW-33C			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
152.0	37.70649518 N	105.82779667 W	7545.29
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
2/7/2025	20.65	7524.64	USBR
3/15/2025	20.65	7524.64	USBR
4/15/2025	20.65	7524.64	USBR
5/20/2025	20.62	7524.67	USBR
6/15/2025	20.48	7524.81	USBR
7/15/2025	22.86	7522.43	USBR
8/15/2025	23.18	7522.11	USBR
8/21/2025	23.47	7521.82	USBR
9/15/2025	1/21/1900	8/5/1920	USBR
USGS 374315105513001, NA04001011CBB			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
84.0	37.72800006 N	105.85457610 W	7550.86
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374407105511601, NA04001010AAA1			
EW-35U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.73525282 N	105.85502763 W	7548.76

Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/19/2025	20.67	7528.09	USBR
2/7/2025	20.6	7528.16	USBR
3/15/2025	20.48	7528.28	USBR
4/15/2025	20.41	7528.35	USBR
5/15/2025	20.55	7528.21	USBR
6/15/2025	20.58	7528.18	USBR
7/15/2025	20.91	7527.85	USBR
8/14/2025	21.59	7527.17	USBR
9/15/2025	22.30	7526.46	USBR
USGS 374407105511602, NA04001010AAA2			
EW-35C			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
130.0	37.73525282 N	105.85502763 W	7548.76
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/19/2025	20.08	7528.68	USBR
2/7/2025	20.36	7528.4	USBR
3/15/2025	20.33	7528.43	USBR
4/15/2025	20.36	7528.40	USBR
5/15/2025	20.39	7528.37	USBR
6/15/2025	20.8	7527.96	USBR
7/15/2025	26.19	7522.57	USBR
8/14/2025	31.11	7517.65	USBR
9/15/2025	23.41	7525.35	USBR
USGS 373640106032002, NA03900824BBB2			

Well Depth (ft.)	Latitude (NAD83)	Longitude (NAD83)	Ground Elevation (ft. NAVD88)
77.0	37.61727967 N	106.05749800 W	7623.34
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 373828106071502, NA03900808ABB2			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
54.0	37.64708002 N	106.12105186 W	7660.77
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 373830106094001, NA03900712BAB			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
107.0	37.64721312 N	106.16301961 W	USGS

Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-

USGS 373920106113001, NA03900703ABB			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
100.0	37.66029452 N	106.19497384 W	7726.4
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 373924106084801, NA03900806BBB			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
14.0	37.66108539 N	106.14822280 W	7684.6
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374032106060202, NA04000828DBB2			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
50.0	37.6828903 N	106.1029714 W	USGS
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-

USGS 374245106025501, NA04000813ABB1			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
60.0	37.71902825 N	106.04766400 W	7616.34
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374305106163701, NA04000614AAA			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
21.0	37.7191413 N	106.279449 W	7798.67
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374350106025001, NA04000801DCC			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
70.0	37.73397250 N	106.04746950 W	7616.35
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)

-	No Measurement	-	-
USGS 374415106063002, NA04000804BCC2			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
90.0	37.74166749 N	106.11188800 W	7645.53
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374549105540201, NA04101032ABB1			
EW-40U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.76367186 N	105.90050172 W	7555.25
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	31.80	7523.45	USBR
2/15/2025	31.59	7523.66	USBR
3/15/2025	31.43	7523.82	USBR
4/15/2025	31.28	7523.97	USBR
5/15/2025	31.16	7524.09	USBR
6/13/2025	31.14	7524.11	USBR
6/28/2025	31.50	7523.75	USBR
8/15/2025	32.61	7522.64	USBR
9/15/2025	32.86	7522.39	USBR

USGS 374549105540202, NA04101032ABB2			
EW-40C			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
140.0	37.76367186 N	105.90050172 W	7555.25
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	31.16	7524.09	USBR
2/15/2025	30.93	7524.32	USBR
3/15/2025	30.75	7524.50	USBR
4/15/2025	31.21	7524.04	USBR
5/15/2025	30.66	7524.59	USBR
6/13/2025	33.17	7522.08	USBR
6/28/2025	38.57	7516.68	USBR
8/15/2025	36.82	7518.43	USBR
9/15/2025	33.06	7522.19	USBR
USGS 374630106010501, NA04100920CCC			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
112.0	37.77838865 N	106.02046800 W	7591.21
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374725106053003, NA04100815CCC3			

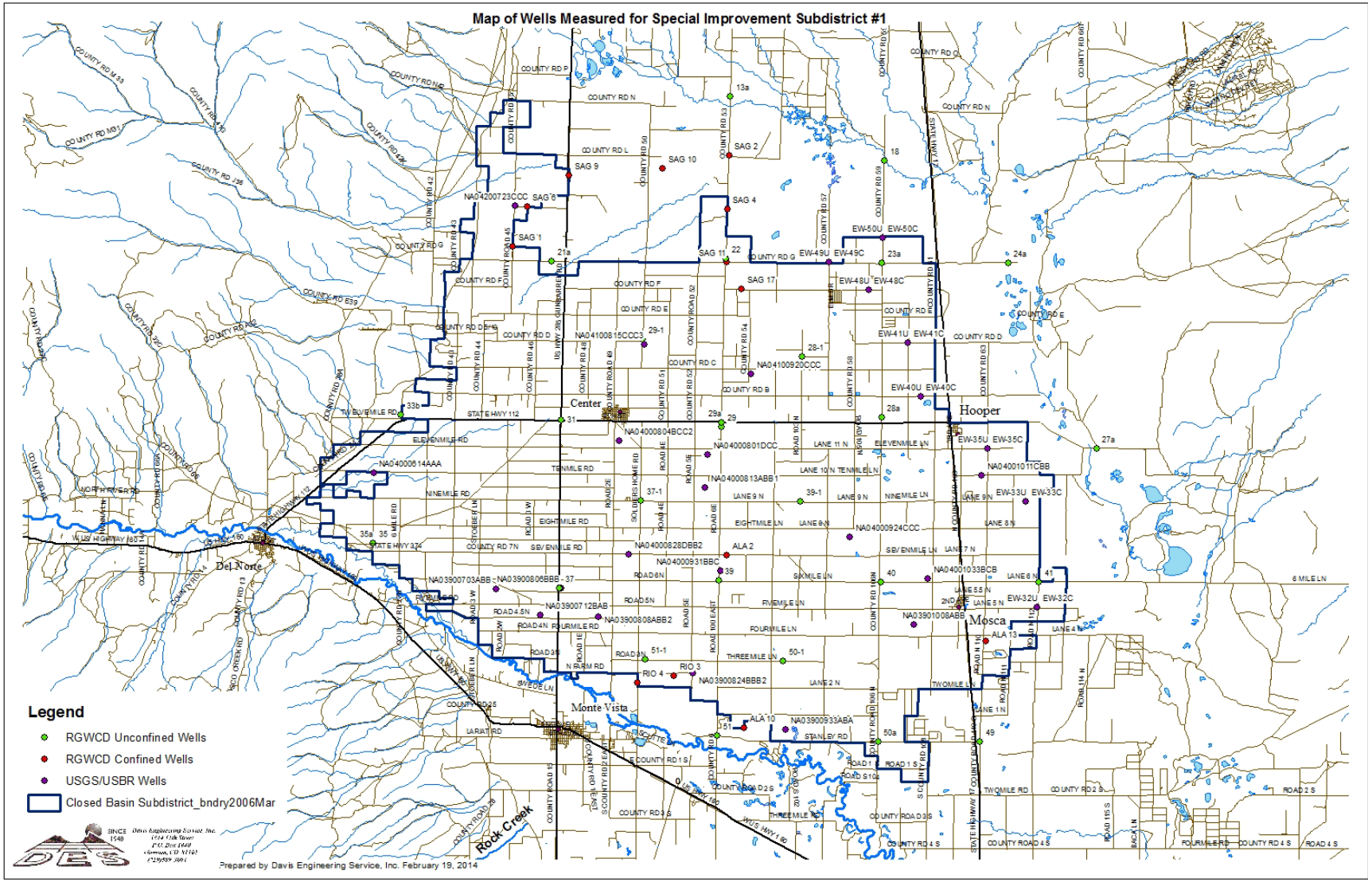
Well Depth (ft.)	Latitude (NAD83)	Longitude (NAD83)	Ground Elevation (ft. NAVD88)
95.0	37.79202820 N	106.09330340 W	7622.46
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374734105543501, NA04101018DDD1			
EW-41U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.79284300 N	105.91032426 W	7554.95
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	37.45	7517.50	USBR
2/26/2025	37.27	7517.68	USBR
3/15/2025	37.04	7517.91	USBR
5/22/2025	36.86	7518.09	USBR
6/23/2025	37.42	7517.53	USBR
8/15/2025	38.94	7516.01	USBR
8/23/2025	39.16	7515.79	USBR
USGS 374734105543502, NA04101018DDD2			
EW-41C			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
	37.79284300 N	105.91032426 W	7554.95
Confined Aquifer			

Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	36.85	7518.10	USBR
2/26/2025	36.55	7518.40	USBR
3/15/2025	36.59	7518.36	USBR
5/22/2025	36.80	7518.15	USBR
6/23/2025	40.16	7514.79	USBR
8/15/2025	41.32	7513.63	USBR
8/23/2025	41.78	7513.17	USBR
			USBR
USGS 374918105561401, NA04100901DCD1			
EW-48U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.82160275 N	105.93785390 W	7559.88
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-
USGS 374918105561402, NA04100901DCD2			
EW-48C			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
120.0	37.82160275 N	105.93785390 W	7559.88
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)

1/15/2025	44.59	7515.29	USBR
2/17/2025	44.19	7515.69	USBR
3/15/2025	44.00	7515.88	USBR
4/15/2025	43.87	7516.01	USBR
5/6/2025	43.70	7516.18	USBR
6/18/2025	43.95	7515.93	USBR
7/15/2025	44.65	7515.23	USBR
8/15/2025	45.19	7514.69	USBR
9/15/2025	45.01	7514.87	USBR
			USBR
USGS 375011105575401, NA04200934DDD1			
EW-49U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.83609425 N	105.96537466 W	7560.23
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	31.11	7529.12	USBR
2/16/2025	30.88	7529.35	USBR
3/15/2025	30.69	7529.54	USBR
4/15/2025	30.50	7529.73	USBR
5/15/2025	30.36	7529.87	USBR
6/14/2025	30.45	7529.78	USBR
7/10/2025	30.86	7529.37	USBR
8/10/2025	31.24	7528.99	USBR
9/14/2025	31.31	7528.92	USBR
USGS 375011105575402, NA04200934DDD2			
EW-49C			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
120.0	37.83609425 N	105.96537466 W	7560.23
Confined Aquifer			

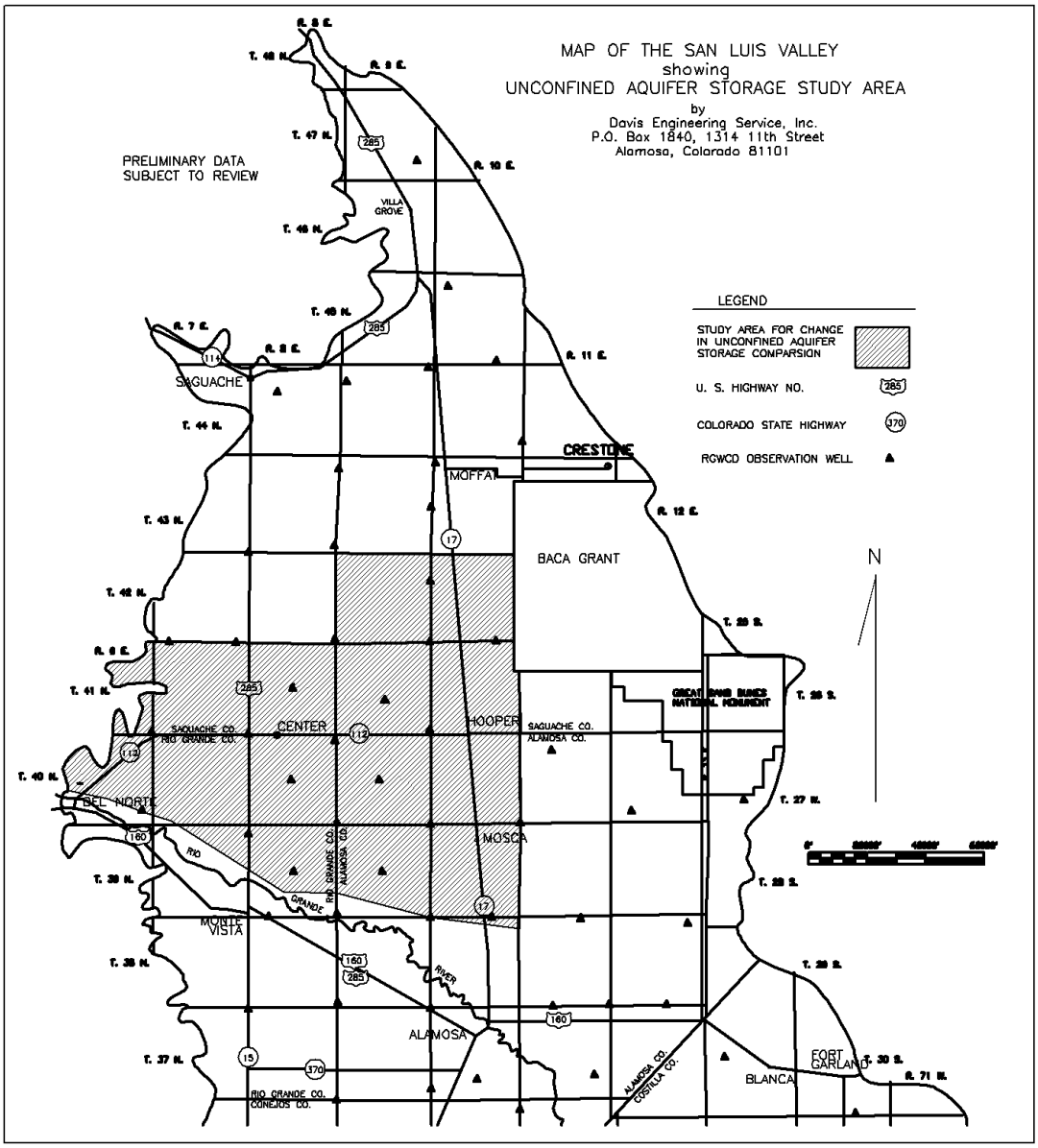
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	31.02	7529.21	USBR
2/16/2025	30.79	7529.44	USBR
3/15/2025	30.60	7529.63	USBR
4/15/2025	30.47	7529.76	USBR
5/15/2025	30.33	7529.90	USBR
6/14/2025	30.77	7529.46	USBR
7/10/2025	31.33	7528.90	USBR
8/10/2025	31.47	7528.76	USBR
9/14/2025	31.31	7528.92	USBR
USGS 375100105554201, NA04200936AAA1			
EW-50U			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
45.0	37.85032119 N	105.92892777 W	7550.93
Unconfined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	34.03	7516.9	USBR
2/15/2025	33.76	7517.17	USBR
3/15/2025	33.51	7517.42	USBR
4/15/2025	33.36	7517.57	USBR
5/15/2025	33.22	7517.71	USBR
6/15/2025	33.54	7517.39	USBR
7/15/2025	34.13	7516.8	USBR
8/15/2025	34.72	7516.21	USBR
9/15/2025	34.86	7516.07	USBR
USGS 375100105554202, NA04200936AAA2			
EW-50C			

Well Depth (ft.)	Latitude (NAD83)	Longitude (NAD83)	Ground Elevation (ft. NAVD88)
123.0	37.85032119 N	105.92892777 W	7550.93
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
1/15/2025	32.06	7518.87	USBR
2/15/2025	31.66	7519.27	USBR
3/15/2025	31.39	7519.54	USBR
4/15/2025	33.37	7517.56	USBR
5/15/2025	32.24	7518.69	USBR
6/15/2025	38.05	7512.88	USBR
7/15/2025	41.65	7509.28	USBR
8/15/2025	36.09	7514.84	USBR
9/15/2025	33.27	7517.66	USBR
USGS 375155106105501, NA04200723CCC			
Well Depth (ft.)	**Latitude (NAD83)**	**Longitude (NAD83)**	**Ground Elevation (ft. NAVD88)**
130.0	37.86658420 N	106.18291630 W	7645.61
Confined Aquifer			
Date	Depth to Water Below Ground (ft.)	Water Level Elevation (ft. NAVD88)	Data Source(s)
-	No Measurement	-	-


Map of Wells Measured for Special Improvement Subdistrict #1
Legend
RGWCD Unconfined Wells
RGWCD Confined Wells
USGS/USBR Wells
Closed Basin Subdistrict_bndry2006Mar
Center
Hooper
Mosca
Del Norte
Monte Vista
Rock Creek
Prepared by Davis Engineering Service, Inc. February 19, 2014

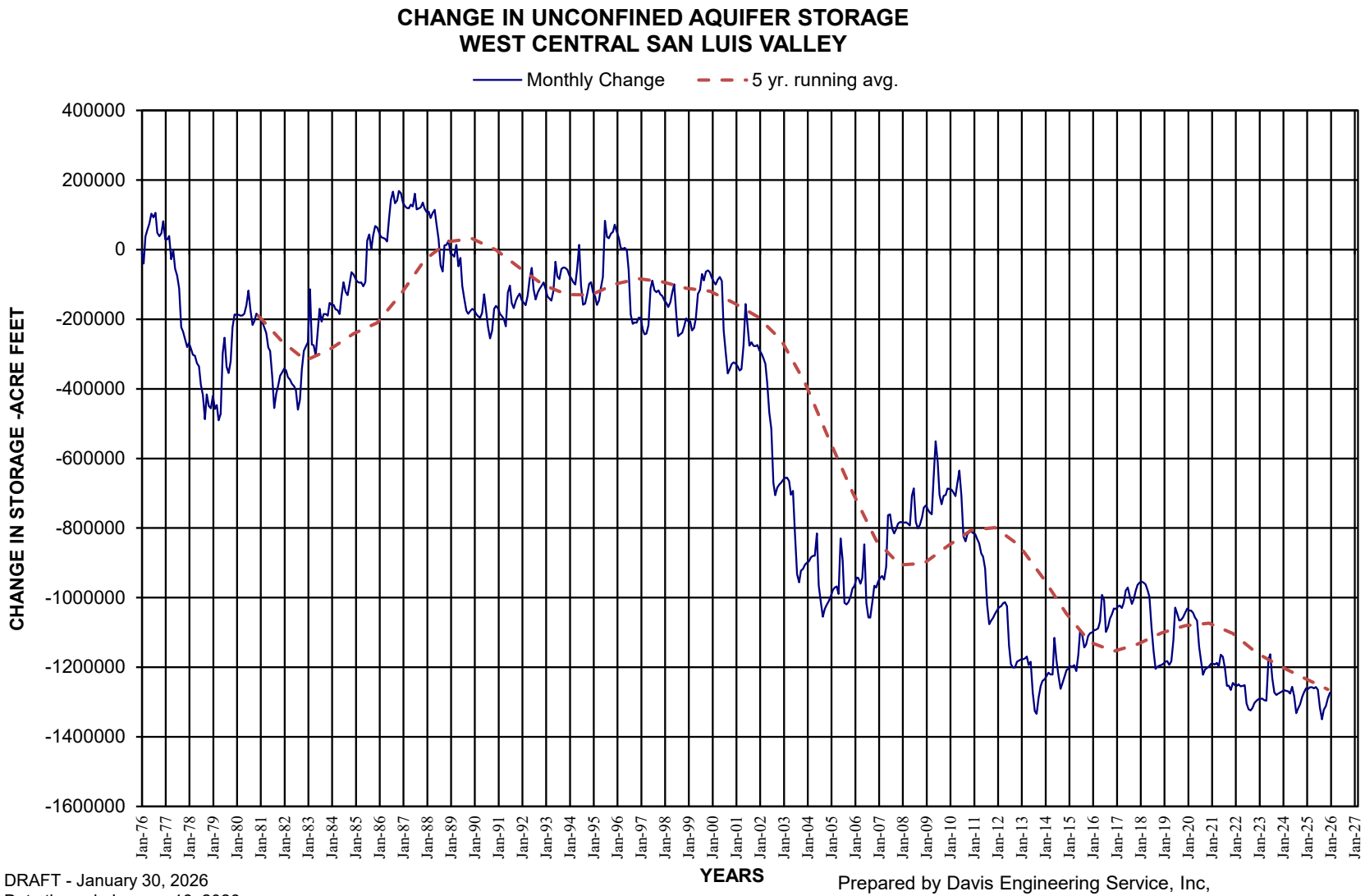
APPENDIX E

MAP SHOWING STUDY AREA OF CHANGE IN UNCONFINED AQUIFER STORAGE STUDY AND SPREADSHEET CONTAINING CALCULATIONS



EXPLANATION

Change in unconfined aquifer storage has been calculated for a defined area which is shown on the above map. The changes in aquifer storage were based on approximately 27 RGWCD monitoring wells located within the area. The method of computing the change in aquifer storage was in accordance with the Thiessen mean method whereby a polygon is constructed around each observation well and the assumption is made that the change in water level throughout the area of the polygon is the same as the change in the well within the polygon. A graph showing changes since 1976 is attached. Zero on the vertical axis of the graph was assumed as corresponding to 1976 for graphing purposes; however, it should not be assumed that the unconfined aquifer was at equilibrium as of that date.



DRAFT - January 30, 2026
Data through January 16, 2026

Prepared by Davis Engineering Service, Inc,
For Rio Grande Water Conservation Dist.

CHANGE IN UNCONFINED AQUIFER STORAGE					
NORTH CENTRAL SAN LUIS VALLEY					
Prepared by	Davis Engineering Service, Inc.				
	1314 11th Street, P.O. Box 1840				
	Alamosa, CO 81101			Average	5 yr. Running
				Annual	Average
	Monthly	Accumulated		Accumulated	Accumulated
	Change in	Change in		Change in	Change in
	Storage	Storage		Storage	Storage
Date	(acre-feet)	(acre-feet)	Date	(acre-feet)	(acre-feet)
01/01/76	0	0			
02/01/76	-39999.276	-39999.276			
03/01/76	77786.084	37786.808			
04/01/76	20613.124	58399.932			
05/01/76	16171.628	74571.56			
06/01/76	29018.556	103590.116			
07/01/76	-10429.246	93160.87			
08/01/76	12474.802	105635.672			
09/01/76	-57446.136	48189.536			
10/01/76	-9835.47	38354.066			
11/01/76	8742.436	47096.502			
12/01/76	34926.408	82022.91	12/1/1976	54067.39133	
01/01/77	-52330.194	29692.716			
02/01/77	0	29692.716			
03/01/77	9337.002	39029.718			
04/01/77	-66606.56	-27576.842			
05/01/77	26280.85	-1295.992			
06/01/77	-52715.472	-54011.464			
07/01/77	-20396.064	-74407.528			
08/01/77	-37527.502	-111935.03			
09/01/77	-111073.584	-223008.614			
10/01/77	-12109.48	-235118.094			
11/01/77	-22296.448	-257414.542			
12/01/77	-22198.364	-279612.906	12/1/1977	-97163.8218	
01/01/78	11784.074	-267828.832			
02/01/78	-17151.566	-284980.398			
03/01/78	-17203.476	-302183.874			
04/01/78	-2323.652	-304507.526			
05/01/78	-21920.32	-326427.846			
06/01/78	-9347.856	-335775.702			
07/01/78	-52068.002	-387843.704			
08/01/78	-29730.556	-417574.26			
09/01/78	-69355.032	-486929.292			

10/01/78	70963.206	-415966.086			
11/01/78	-32996.292	-448962.378			
12/01/78	-6739.94	-455702.318	12/1/1978	-369556.851	
01/01/79	35070.348	-420631.97			
02/01/79	-37063.722	-457695.692			
03/01/79	10822.172	-446873.52			
04/01/79	-43430.268	-490303.788			
05/01/79	18146.524	-472157.264			
06/01/79	174935.972	-297221.292			
07/01/79	43871.13	-253350.162			
08/01/79	-83674.482	-337024.644			
09/01/79	-17664.49	-354689.134			
10/01/79	34505.808	-320183.326			
11/01/79	96283.002	-223900.324			
12/01/79	37433.586	-186466.738	12/1/1979	-355041.488	
01/01/80	-575.412	-187042.15			
02/01/80	223.534	-186818.616			
03/01/80	-2898.886	-189717.502			
04/01/80	500.468	-189217.034			
05/01/80	5219.844	-183997.19			
06/01/80	24746.942	-159250.248			
07/01/80	41387.2912	-117862.9568			
08/01/80	-57314.9712	-175177.928			
09/01/80	-41247.856	-216425.784			
10/01/80	10814.362	-205611.422			
11/01/80	22176.9	-183434.522			
12/01/80	-9707.036	-193141.558	12/1/1980	-182308.076	**-190000.5691**
01/01/81	-2551.75	-195693.308			
02/01/81	-12852.3636	-208545.6716			
03/01/81	-14131.3414	-222677.013			
04/01/81	-16957.0412	-239634.0542			
05/01/81	-41321.2528	-280955.307			
06/01/81	-10075.1948	-291030.5018			
07/01/81	-70986.6462	-362017.148			
08/01/81	-93244.0742	-455261.2222			
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6/1/2012	-12012.86	-1024802.81			
7/1/2012	-113987.8	-1138790.61			
8/1/2012	-52169.42	-1190960.03			
9/1/2012	-9800.85	-1200760.88			
10/1/2012	59.7	-1200701.18			
11/1/2012	16069.69	-1184631.49			
12/1/2012	3760.2	-1180871.29	12/1/2012	-1103245.26	**-849136.694**
1/1/2013	3245.77	-1177625.52			
2/1/2013	228.52	-1177397.00			
3/1/2013	1949.97	-1175447.03			
4/1/2013	6315.35	-1169131.68			
5/1/2013	-24274.05	-1193405.73			
6/1/2013	9067.54	-1184338.19			
7/1/2013	-88268.6	-1272606.79			
8/1/2013	-53644.93	-1326251.72			
9/1/2013	-7574.99	-1333826.71			
10/1/2013	47639.79	-1286186.92			
11/1/2013	32671.44	-1253515.48			
12/1/2013	14398.81	-1239116.67	12/1/2013	-1232404.12	**-942115.9385**
1/1/2014	4636.04	-1234480.63			
2/1/2014	9647.35	-1224833.28			
3/1/2014	8879.5	-1215953.78			
4/1/2014	-4738.2	-1220691.98			
5/1/2014	-252.69	-1220944.67			
6/1/2014	105422.16	-1115522.51			
7/1/2014	-64054.16	-1179576.67			
8/1/2014	-44324.11	-1223900.78			
9/1/2014	-38486.1	-1262386.88			

10/1/2014	15986.54	-1246400.34			
11/1/2014	17987.62	-1228412.72			
12/1/2014	19637.89	-1208774.83	12/1/2014	-1215156.59	**-1045988.466**
1/1/2015	4463.83	-1204311.00			
2/1/2015	7525.9	-1196785.10			
3/1/2015	-2268.91	-1199054.01			
4/1/2015	5252.37	-1193801.64			
5/1/2015	-17079.89	-1210881.53			
6/1/2015	46968.2	-1163913.33			
7/1/2015	70787.84	-1093125.49			
8/1/2015	-14081.4	-1107206.89			
9/1/2015	-35710.56	-1142917.45			
10/1/2015	7664.86	-1135252.59			
11/1/2015	24656.14	-1110596.45			
12/1/2015	8471.54	-1102124.91	12/1/2015	-1154997.53	**-1128623.638**
1/1/2016	2410.03	-1099714.88			
2/1/2016	5580.02	-1094134.86			
3/1/2016	2206.74	-1091928.12			
4/1/2016	3956.31	-1087971.81			
5/1/2016	19093.79	-1068878.02			
6/1/2016	77118.18	-991759.84			
7/1/2016	-15554.33	-1007314.17			
8/1/2016	-91391.73	-1098705.90			
9/1/2016	13871.48	-1084834.42			
10/1/2016	25067	-1059767.42			
11/1/2016	12824.62	-1046942.80			
12/1/2016	15881.49	-1031061.31	12/1/2016	-1063584.46	**-1153877.59**
1/1/2017	-1794.2	-1032855.51			
2/1/2017	7475.23	-1025380.28			
3/1/2017	2728.59	-1022651.69			
4/1/2017	-7472.02	-1030123.71			
5/1/2017	15197.28	-1014926.43			
6/1/2017	35022.12	-979904.31			
7/1/2017	8517.89	-971386.42			
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9/1/2017	-21776.23	-1018226.66			
10/1/2017	13056.96	-1005169.70			
11/1/2017	25848.52	-979321.18			
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2/1/2018	2077.39	-954420.85			
3/1/2018	-2343.35	-956764.20			
4/1/2018	-4934.9	-961699.10			
5/1/2018	-17130.05	-978829.15			
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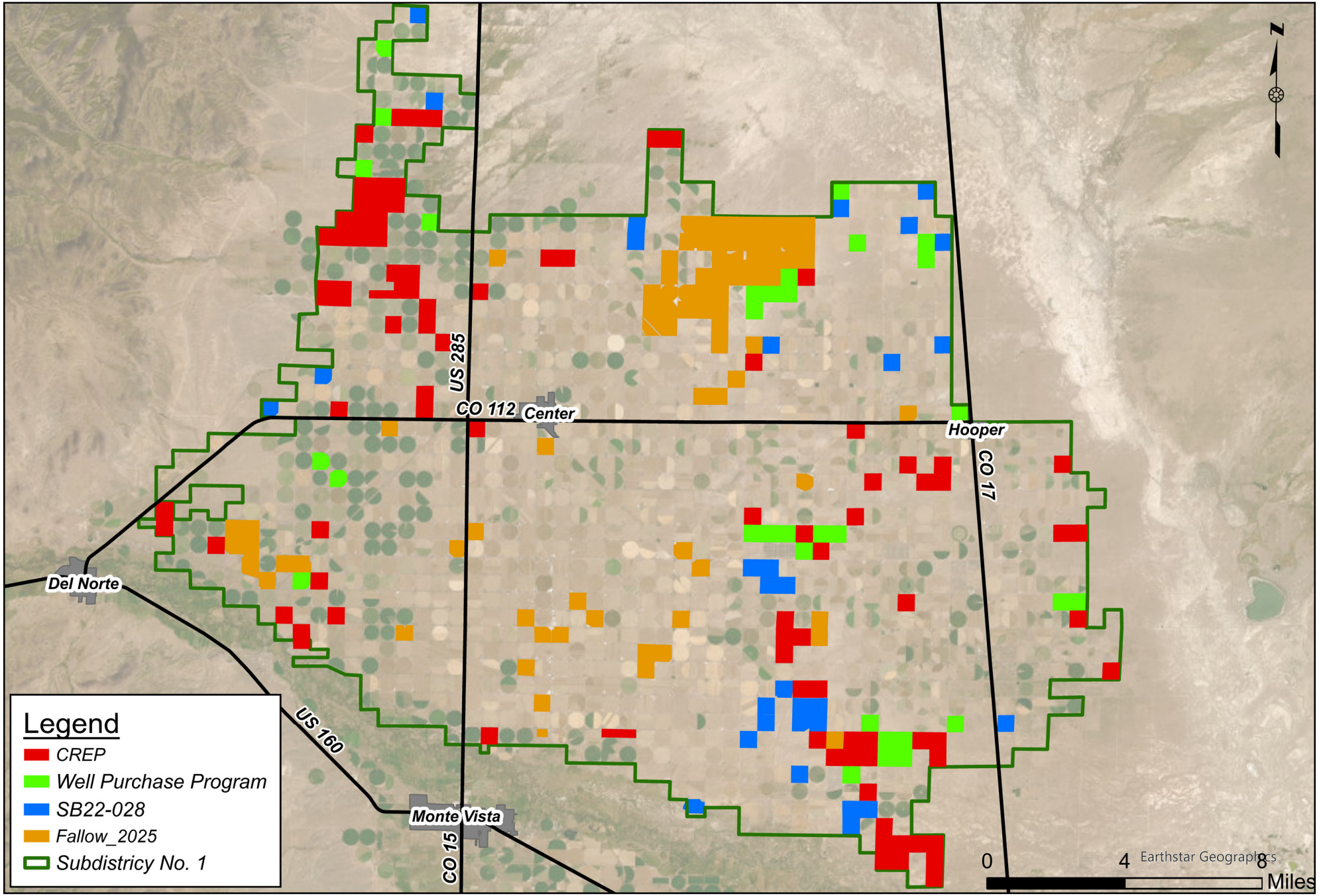
7/1/2018	-86519.19	-1084575.57			
8/1/2018	-68425.59	-1153001.16			
9/1/2018	-51271.09	-1204272.25			

10/1/2018	5755.53	-1198516.72			
11/1/2018	2897.75	-1195618.97			
12/1/2018	1974.19	-1193644.78	12/1/2018	-1069658.11	**-1101341.226**
1/1/2019	4027.82	-1189616.96			
2/1/2019	5204.3	-1184412.66			
3/1/2019	2304.92	-1182107.74			
4/1/2019	-11204.73	-1193312.47			
5/1/2019	10141.25	-1183171.22			
6/1/2019	59859.41	-1123311.81			
7/1/2019	94454.99	-1028856.82			
8/1/2019	-17372.66	-1046229.48			
9/1/2019	-19833.44	-1066062.92			
10/1/2019	2215.65	-1063847.27			
11/1/2019	8022.29	-1055824.98			
12/1/2019	12847.84	-1042977.14	12/1/2019	-1113310.95	**-1080972.099**
1/1/2020	11785.95	-1031191.19			
2/1/2020	-5989.55	-1037180.74			
3/1/2020	2.13	-1037178.61			
4/1/2020	-6929.88	-1044108.49			
5/1/2020	-13185.98	-1057294.47			
6/1/2020	-8759.81	-1066054.28			
7/1/2020	-75408.15	-1141462.43			
8/1/2020	-43214.68	-1184677.11			
9/1/2020	-36764.6	-1221441.71			
10/1/2020	15045.82	-1206395.89			
11/1/2020	4542.87	-1201853.02			
12/1/2020	3935.39	-1197917.63	12/1/2020	-1118896.29	**-1073751.852**
1/1/2021	8038.3	-1189879.33			
2/1/2021	-126.6	-1190005.89			
3/1/2021	-2258.46	-1192264.35			
4/1/2021	4566.95	-1187697.40			
5/1/2021	-10911.34	-1198608.74			
6/1/2021	34793.55	-1163815.19			
7/1/2021	-6066.57	-1169881.76			
8/1/2021	-31266.84	-1201148.60			
9/1/2021	-52309.37	-1253457.97			
10/1/2021	531.45	-1252926.52			
11/1/2021	-12680.91	-1265607.43			
12/1/2021	20196.97	-1245410.46	12/1/2021	-1209225.31	**-1102880.022**
1/1/2022	-5546.95	-1250957.41			
2/1/2022	-2966.79	-1253924.20			
3/1/2022	4668.79	-1249255.41			
4/1/2022	-5704.91	-1254960.32			
5/1/2022	1292.18	-1253668.14			
6/1/2022	1874.63	-1251793.51			
7/1/2022	-51913.81	-1303707.32			
8/1/2022	-17033.34	-1320740.66			
9/1/2022	-3519.95	-1324260.61			

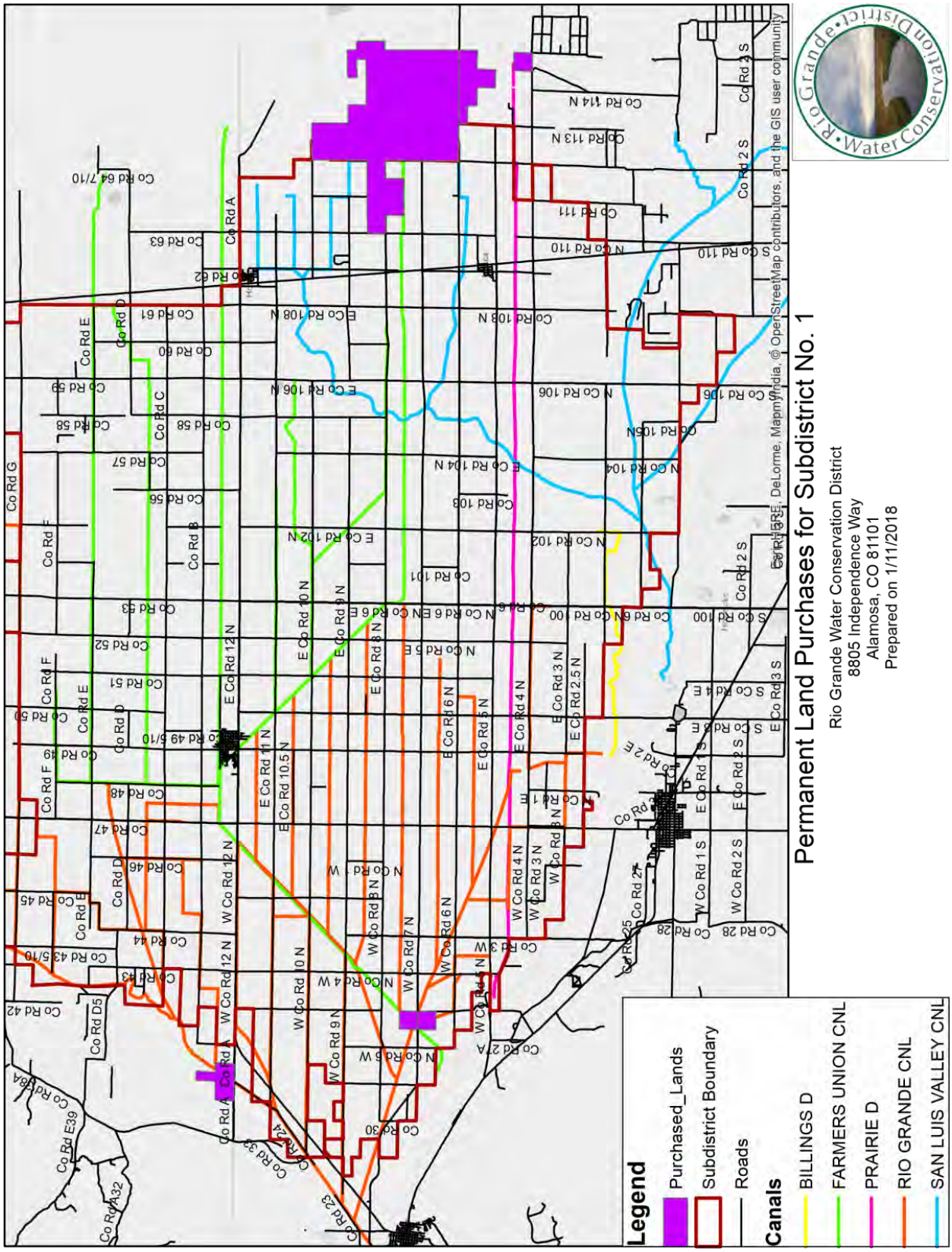
10/1/2022	7141.19	-1317119.42			
11/1/2022	14384.53	-1302734.89			
12/1/2022	6592.58	-1296142.31	12/1/2022	-1281605.35	**-1158539.20**
1/1/2023	4462.5	-1291679.81			
2/1/2023	745.9	-1290933.91			
3/1/2023	902.54	-1290031.37			
4/1/2023	-4505.8	-1294537.17			
5/1/2023	-1449.06	-1295986.23			
6/1/2023	118403.89	-1177582.34			
7/1/2023	15044.67	-1162537.67			
8/1/2023	-69506.74	-1232044.41			
9/1/2023	-40587.64	-1272632.05			
10/1/2023	-7108.83	-1279740.88			
11/1/2023	4172.09	-1275568.79			
12/1/2023	3071.68	-1272497.11	12/1/2023	-1261314.31	**-1196870.44**
1/1/2024	3166.01	-1269331.10			
2/1/2024	3129.91	-1266201.19			
3/1/2024	-2045.29	-1268246.48			
4/1/2024	-1291.47	-1269537.95			
5/1/2024	-6346.12	-1275884.07			
6/1/2024	19690.6	-1256193.47			
7/1/2024	-26999.45	-1283192.92			
8/1/2024	-48901.99	-1332094.91			
9/1/2024	13011.01	-1319083.90			
10/1/2024	12663.11	-1306420.79			
11/1/2024	20609.71	-1285811.08			
12/1/2024	12876.07	-1272935.01	12/1/2024	-1283744.41	**-1230957.14**
1/1/2025	11414.4	-1261520.61			
2/1/2025	-1684.7	-1262791.11			
3/1/2025	5250.06	-1257541.05			
4/1/2025	186.14	-1257354.91			
5/1/2025	-3539.51	-1260894.42			
6/1/2025	4015.38	-1256879.04			
7/1/2025	-8158.66	-1265037.70			
8/1/2025	-51090.05	-1316127.75			
9/1/2025	-33438.09	-1349565.84			
10/1/2025	27383.62	-1322182.22			
11/1/2025	10523.03	-1311659.19			
12/1/2025	22413.03	-1289246.16	12/1/2025	-1284198.82	**-1264010.74**
1/1/2026	16221.07	-1273025.09			

Appendix F

Subdistrict No. 1 Sustainability Programs



APPENDIX G


Permanent Land Purchases for Subdistrict No. 1
Rio Grande Water Conservation District
8805 Independence Way
Alamosa, CO 81101
Prepared on 1/11/2018
Legend
Purchased_Lands
Subdistrict Boundary
Roads
Canals
BILLINGS D
FARMERS UNION CNL
PRAIRIE D
RIO GRANDE CNL
SAN LUIS VALLEY CNL
Rio Grande • Water Conservation District

APPENDIX I

RIO GRANDE COMPACT TEN DAY REPORT

PRELIMINARY DATA

DATE: February 18, 2026 Period Ending: December 31, 2025

CONEJOS RIVER

CBP Allocation: 40%

(Units in Thousands of Acre-Feet)

Projected Annual Index: 205,000 Obligation: 48,000 % of Index: 23%

CONEJOS INDEX SUPPLY								ADJUSTED DELIVERIES	
MONTH	MEASURED FLOW			PLATORO SUPPLY					
	Conejos at Mogote	Los Pinos near Ortiz	San Antonio at Ortiz	Storage End of Month	Change in Storage	Supply in Month	Accum. Total	Conejos River at Mouths near La Sauses*	Accum. Total
JAN	3.1	-----	-----	30.5	-0.2	2.9	2.9	3.6	3.6
FEB	3.1	-----	-----	30.5	0.0	3.1	6.0	4.4	8.0
MAR	5.9	-----	-----	30.7	0.2	6.1	12.1	4.7	12.7
APR	22.2	12.3	1.9	30.3	-0.4	36.0	48.1	0.6	13.3
MAY	50.1	16.2	1.4	31.0	0.7	68.4	116.5	2.4	15.7
JUN	34.9	4.2	0.1	31.0	0.0	39.2	155.7	4.5	20.2
JUL	9.5	0.9	0.1	27.1	-3.9	6.6	162.3	0.7	20.9
AUG	4.6	0.5	0.0	24.6	-2.5	2.6	164.9	0.1	21.0
SEP	5.2	1.0	0.0	24.4	-0.2	6.0	170.9	0.1	21.1
OCT	22.8	2.9	0.1	24.8	0.4	26.2	197.1	5.4	26.5
NOV	6.3	-----	-----	24.4	-0.4	5.9	203.0	7.4	33.9
DEC	4.5	-----	-----	23.8	-0.6	3.9	206.9	5.9	39.8
Annual Credit									
APR-SEP	126.5	35.1	3.5		-6.3	158.8			
TOTAL	172.2	38.0	3.6			206.9		39.8	

* Deliveries Include: Adjusted Closed Basin Project Production 2,851 Acre-Feet.

Delivery Target	(% of Index)	Estimated Curtailment of Ditches	(% of Index)
January 1 - March 23	100%	January 1 - March 23	100%
March 24 - June 4	0%	March 24 - June 4	0%
June 5 - July 3	8%	June 5 - July 3	8%
July 4 - Aug 8	4%	July 4 - Aug 8	4%
Aug 9 - Oct 26	0%	Aug 9 - Oct 26	0%
Oct 27 - Dec 31	100%	Oct 27 - Dec 31	100%

RIO GRANDE COMPACT TEN DAY REPORT

PRELIMINARY DATA

DATE: February 18, 2026 Period Ending: December 31, 2025

RIO GRANDE

CBP Allocation: 60%

(Units in Thousands of Acre-Feet)

Projected Annual Index: 490,000 Obligation: 124,000 % of Index: 25%
(Includes Reservoir Releases)

	RIO GRANDE INDEX SUPPLY			ADJUSTED DELIVERIES	
MONTH	Recorded Flow near Del Norte	Accumulated Total		Rio Grande Lobatos less Conejos-La Sauses *	Accumulated Total
JAN	10.1	10.1		10.5	10.5
FEB	9.4	19.5		12.7	23.2
MAR	15.3	34.8		15.4	38.6
APR	52.1	86.9		8.1	46.7
MAY	117.0	203.9		12.4	59.1
JUN	92.4	296.3		8.7	67.8
JUL	23.3	319.6		3.1	70.9
AUG	13.3	332.9		0.8	71.7
SEP	17.1	350.0		0.9	72.6
OCT	102.9	452.9		9.3	81.9
NOV	22.5	475.4		22.4	104.3
DEC	17.4	492.8		17.5	121.8
Annual Credit					
APR-SEP	315.2				
TOTAL	492.8			121.8	

* Deliveries Include: Adjusted Closed Basin Project Production 4,276 Acre-Feet.

Delivery Target	(% of Index)	Estimated Curtailment of Ditches	(% of Index)
January 1 - March 31	100%	January 1 - March 31	100%
April 1 - Aug 8	8%	April 1 - Aug 8	8%
Aug 9 - Nov 1	0%	Aug 9 - Nov 1	0%
Nov 2 - Dec 31	100%	Nov 2 - Dec 31	100%

Respectfully submitted,

Craig W. Cotten

Craig W. Cotten, Division Engineer, Division III

APPENDIX J

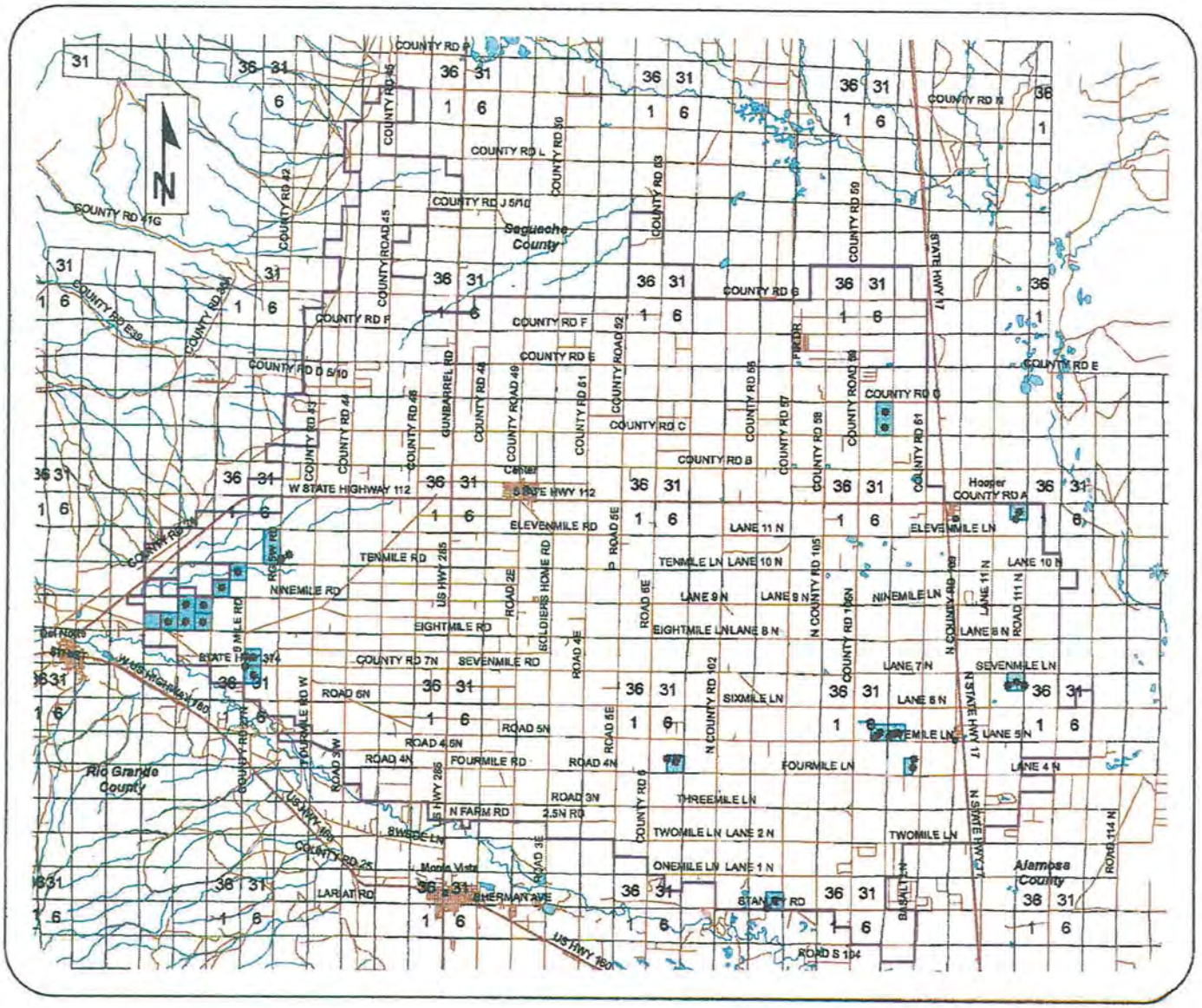
Augmentation Wells and Map

Augmentation Plan Wells that are Part of a farm Unit					
Case No.	Plan Type	Decreed Owner	Current Owner	WDID	Governed*
00CW0019	Augmentation Plan	Ensz	Roger Ensz	2005728	Y
				2005729	A
				2011878	Y
00CW0042	Augmentation Plan	J Cooley	James Cooley	2008692	Y
				2014243	Y
01CW0006	Augmentation Plan	K Cooley	Kim Cooley	2014013	Y
				2014014	Y
				2014016	Y
07CW0064	Augmentation Plan	JDS Farms/Entz	JDS Farms & Allen Entz	2009165	NP
				2009403	NP
				2009405	NP
81CW0069	Change of Water Right	Beard	John Slane	2705546	Y
				2705547	Y
81CW0072	Change of Water Right	Slane	Rob Jones	2006662	Y
				2014257	Y
82CW0017	Augmentation Plan	SRS Ranch	Gene Ensz	2008188	Y
				2008189	Y
				2008190	Y
				2008191	Y
				2008192	Y
			Laverne Schmidt	2008188	Y
				2008189	Y
				2008190	Y
				2008191	Y
				2008192	Y
			Susie Nickel	2008188	Y
				2008189	Y
				2008190	Y
				2008191	Y
				2008192	Y
89CW0045	Augmentation Plan	MV Pro Credit Assoc	Scidmore	2006555	A
				2006633	Y
96CW0005	Augmentation Plan	Kirkpatrick	Kirkpatrick	2008240	A
				2008241	A
				2013719	Y
				2013720	Y
				2013721	Y
				2013722	Y
99CW0009	Augmentation Plan	Off Ranches	Cory Off	2009876	Y
				2013756	Y
99CW0025	Augmentation Plan	Bradley	Jim Bradley	2010235	NP
				2013884	Y
W-3847	Alt. Point of Diversion	Seger	Gary Seger	2005398	Y
				2005399	Y
*Footnotes:	Y Yes, well is governed by Plan				
	NP Wells are not participating in Plan				
	A Wells are associated with other wells that are governed by Plan				

APPENDIX J

Augmentation Wells and Map

Augmentation Plan Wells that are Part of a farm Unit					
Case No.	Plan Type	Decreed Owner	Current Owner	WDID	Governed*
00CW0019	Augmentation Plan	Ensz	Roger Ensz	2005728	Y
				2005729	A
				2011878	Y
00CW0042	Augmentation Plan	J Cooley	James Cooley	2008692	Y
				2014243	Y
01CW0006	Augmentation Plan	K Cooley	Kim Cooley	2014013	Y
				2014014	Y
				2014016	Y
07CW0064	Augmentation Plan	JDS Farms/Entz	JDS Farms & Allen Entz	2009165	NP
				2009403	NP
				2009405	NP
81CW0069	Change of Water Right	Beard	John Slane	2705546	Y
				2705547	Y
81CW0072	Change of Water Right	Slane	Rob Jones	2006662	Y
				2014257	Y
82CW0017	Augmentation Plan	SRS Ranch	Gene Ensz	2008188	Y
				2008189	Y
				2008190	Y
				2008191	Y
				2008192	Y
			Laverne Schmidt	2008188	Y
				2008189	Y
				2008190	Y
				2008191	Y
				2008192	Y
			Susie Nickel	2008188	Y
				2008189	Y
				2008190	Y
				2008191	Y
				2008192	Y
89CW0045	Augmentation Plan	MV Pro Credit Assoc	Scidmore	2006555	A
				2006633	Y
96CW0005	Augmentation Plan	Kirkpatrick	Kirkpatrick	2008240	A
				2008241	A
				2013719	Y
				2013720	Y
				2013721	Y
				2013722	Y
99CW0009	Augmentation Plan	Off Ranches	Cory Off	2009876	Y
				2013756	Y
99CW0025	Augmentation Plan	Bradley	Jim Bradley	2010235	Y
				2013884	Y
W-3847	Alt. Point of Diversion	Seger	Gary Seger	2005398	Y
				2005399	Y
*Footnotes:	Y Yes, well is governed by Plan				
	NP Wells are not participating in Plan				
	A Wells are associated with other wells that are governed by Plan				



SPECIAL SUBDISTRICT NO. 1

Wells Associated with Augmentation & Other Plans

Legend

- Div3_Wells_Aug Plans
- Subdistrict_1_bndry2006Mar

Decreed Aug Plans

- 00CW0019 Roger Ensz
- 00CW0042 James Cooley
- 01CW0006 Kim Cooley
- 07CW0064 JDS Farms & Allen Entz
- 81CW0069 John Slane
- 81CW0072 Rob Jones
- 82CW0017 Gene Ensz
- 82CW0017 Laverne Schmidt
- 82CW0017 Susie Nickel
- 89CW0045 Scidmore
- 96CW0005 Kirkpatrick
- 99CW0009 Cory Off
- 99CW0025 Jim Bradley
- W-3847 Gary Seger

0 1 2 4 6 Miles

Prepared 1/15/2013

SINCE 1948 Davis Engineering Services, Inc. 1314 12th Street P.O. Box 1840 Alamosa, CO 81101 (719)589-3004

Great Sand Dunes National Park & Preserve (GSDNPP)

Pumping for 2025 and Schedule of Depletions

This information was compiled on March 4, 2026, to assist with the compilation of the Annual Report for Subdistrict No. 1. The measured groundwater use for 2025 is included below (Table 1). The Consumptive Use percentage is 10% of total pumping.

Table 1
National Park Service Estimated Net Groundwater Consumptive Use
(Units in acre-feet)

	National Park Service Total					Recharge that Offsets Groundwater					
Year	Irrigation Pumping to Center Pivots	Irrigation Pumping to Flood Irrigation	Other Pumping	Other Consumptive Use Ratio	Groundwater Consumption	Recharge Source 1	Recharge Source 2	Recharge Source 3	Recharge Source 4	Total	Net Groundwater Consumptive Use
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2011			9.95	10%	1.00					0	1.00
2012			10.48	10%	1.05					0	1.05
2013			9.74	10%	0.97					0	0.97
2014			10.50	10%	1.05					0	1.05
2015			10.79	10%	1.08					0	1.08
2016			16.36	10%	1.64					0	1.64
2017			7.28	10%	0.73					0	0.73
2018			5.60	10%	0.56					0	0.56
2019			7.75	10%	0.78					0	0.78
2020			11.62	10%	1.16					0	1.16
2021			5.79	10%	0.58					0	0.58
2022			7.63	10%	0.76					0	0.76
2023			4.77	10%	0.48					0	0.48
2024			6.03	10%	0.60					0	0.60
2025			**5.52**	**10%**	**0.55**					**0**	**0.55**
Avg			8.65		0.87					0	0.87

Estimated stream depletions (acre-feet) (Table 2) are average-based and assume that all groundwater withdrawn by the Park's wells comes from reduced discharge of Medano Creek (i.e., change in aquifer storage = 0).

Table 2
National Park Service Monthly Net Stream Depletions for 2025 ARP Year
(Units in acre-feet)

	Response Area No.1 Total												
Stream Reach	**2024**								**2025**				**Total**
	May	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Medano Creek	0.047	0.045	0.047	0.047	0.045	0.047	0.045	0.047	0.047	0.044	0.047	0.045	0.552
Total	**0.047**	**0.045**	**0.047**	**0.047**	**0.045**	**0.047**	**0.045**	**0.047**	**0.047**	**0.044**	**0.047**	**0.045**	**0.552**

Depletions for the irrigation season will be remedied through forbearance agreements.

Compliance with the Sustainability Metric

GSDNPP obtained approval of the State Engineer per a letter dated January 14, 2021, that describes a Sustainability Metric that is acceptable for a five-year period extending from October 1, 2020, through September 30, 2025. The proposed metric is to limit total pumping from the NPS wells to 54.02 acre-feet, averaging 10.80 acre-feet/year. NPS is in the process of obtaining an approved Substitute Water Supply Plan (SWSP) in 2026 and, subsequently, a decreed Plan for Augmentation. This SWSP will most likely include a permanent dry-up of historically irrigated land that will produce significantly more water than is required to replace NPS's injurious stream depletions. Total pumping for 2021, 2022, 2023, 2024, and 2025 was 6.31 acre-feet, 6.03 acre-feet, 4.66 acre-feet, 6.28 acre-feet, and 4.97 acre-feet, respectively. Therefore, total measured NPS pumping under this Sustainability Metric is 28.25 acre-feet. Note: Sustainability Metric pumping data are reported on an October-through-September cycle; therefore, annual pumping totals reported in Table 3 differ from those reported in Tables 1 and 2.

Table 3
Compliance with the National Park Service Sustainability Metric
(Units in acre-feet)

Year	Total Pumping
(1)	(2)
2021	6.31
2022	6.03
2023	4.66
2024	6.28
2025	4.97
Running Total	**28.25**
Running Annual Average	**5.65**
Total Volume Remaining	**25.77**