SLR International Corporation
Durango, CO

July 31, 2025

Ms. Meghan Way
GCC Rio Grande, Inc.
3372 Lime Road
Pueblo, CO 81004
meghanway@gcc.com

RE: 2025 Q2 Quarterly Groundwater Report; Pueblo Plant, Permit #M-2002-004

Dear Ms. Way,

This letter addresses the 2025, quarter 2 groundwater compliance monitoring field activities and results, as a summary to be included with the quarterly data submittal of all field data sheets and laboratory results, laboratory data validation report, as well as the updated groundwater monitoring data summary table, per DRMS requirements as stated in their letter dated February 28, 2024, RE: Adequacy Review of Quarterly Hydrology Reports. 2023, 2nd Quarter, 3rd Quarter, 4th Quarter, Permit #M-2002-004.

During 2025 Q2 monitoring all wet monitoring wells capable of producing a sample except MW-6, MW-7, MW-13, MW-19, and MW-21 exceeded the 0.33-foot EPA low-flow methodology target for maximum drawdown for low-flow/low-stress purging and sample collection, as indicated in bold in the following Table 1. The subject wells are completed in a classic arid west fractured sedimentary bedrock, resulting in very low-yield well conditions. As shown in the Table 1, drawdowns in excess of 0.33 feet occurred at MW-8, MW-9, MW-10, MW-11, MW-12, MW-14, MW-18, MW-20, MW-22, and MW-23 despite keeping purge and sample flow rates within the target 0.03 to 0.10 gpm and the total purge and sample production time post-tubing volume purge to a minimum. During the 2025 Q2 monitoring at MW-13, the documented purge and sample drawdown is given as -0.61 feet, which would mean the well water level was higher after purging than the initial static water level; this is most likely due to a water level tape reading error at the time of sample collection. Discussion with you about this well revealed there is difficulty in obtaining a clear water level in this well after purging due to the water level tape sticking to the casing wall, a widely-recognized phenomena that can occur in some monitoring wells. In 2025 quarter 1 this problem had occurred as well, and drawdown was documented as -1.21 feet. With respect to purge drawdowns overall, as there is a historical data set of at least 13 quarters for all of the pre-TR-12 wells, time-series plots for several constituents shown in Figures 1, 2, and 3 below indicate a data consistency to support that the current sample collection method, despite drawdown exceeding EPA methodology, does produce representative groundwater chemistry results. The ten new TR-12 monitoring wells, each now with five monitoring events, are also plotted.

It is noted that in 2025 Q2, for all wells the total purge volumes at sample collection time were aligned with the respective sample pump full tubing volumes, whereby stabilization parameter documentation began at the time the full target tubing volume was produced. Per the TR-11 SAP Appendix 1 GCC Rio Grande Pueblo Plant Groundwater Monitoring Well Compliance Sampling Procedure, step 7(i) “Once the given target tubing purge volume has been discharged, monitor the individual water quality field parameters utilizing the VuSitu app for stabilization over 3 consecutive measurements…”. During 2025 Q2 compliance monitoring at each well, the three sets of recorded stabilization parameters were recorded, each three minutes apart, including the final (third) set of sample parameters, which was not recorded until the initial prescribed tubing volume was produced, based on observed totals in the purge bucket.

The following Table 1 shows what the actual tubing purge volume totals are, based on the given measured flow rates and static depths to water prior to sampling. The use of the full length of sample pump tubing to calculate the tubing purge volume was meant to be conservative as they all represent overestimations due to relatively deep static depths to water. In 2025 Q2 all wells were purged based on these calculations, so all stagnant water from the tubing was purged prior to sample collection by 0.00 gallons or more, except for MW-8, MW-19, and MW-20. All were within hundredths of a gallon and are likely within the range of reading error using the bucket volume incrementations. The last column in Table 1 shows what is effectively a corrected purge difference value for each well, demonstrating all wells in 2025 Q2 except MW-19 were otherwise purged beyond the minimum required to obtain representative samples. However, at a reported 0.05-gallon discrepancy, this is arguably still within the reading error range of the incremented bucket measurement method. Comparison of field and laboratory parameters between 2024 Q2, 2024 Q3, 2024 Q4, 2025 Q1, and 2025 Q2 in the data summary Table 2 indicate very little differences.

Table 1 – 2025 Q2 Sampling Purge Rates, Volumes, & Drawdowns

2025 Q2 Sampling Event											
Monitoring Well ID	**Purge & Sample Flow Rate** as Measured in Graduated Beaker	**Sample Pump Tubing Volume** - Fixed Length on Dedicated Pump	**Purge & Sample Flow Volume** as Measured in Bucket at Sample Collection	**Target Total Purge Volume** Based on Measured Purge Flow Rate	**Total Purge Volume Difference** Target vs Actual	**Static Water Level**	**Pumping Water Level at Sample Collection**	**Purge & Sample Drawdown**	**Pump Set Depth**	**Actual Tubing Volume to Displace** Factoring Tubing Water Column Length	**Total Purge Volume Difference** Target Corrected for Tubing Water Column vs Actual
	gpm	*gal*	*gal*	*gal*	*gal*	*ft TOC*		*ft*	*ft TOC*	*gal*	*gal*
MW-5	Dry										
MW-6	0.04	0.3	0.70	0.54	0.16	31.02	31.04	0.02	55.7	0.14	0.32
MW-7	0.04	0.3	0.60	0.54	0.06	30.86	30.87	0.01	55.0	0.14	0.22
MW-8	0.03	0.4	0.50	0.58	**-0.08**	30.00	34.56	**4.56**	62.5	0.16	0.16
MW-9	0.05	0.2	0.60	0.50	0.10	26.90	28.47	**1.57**	38.6	0.06	0.24
MW-10	0.04	0.5	0.75	0.74	0.01	26.48	31.40	**4.92**	79.0	0.27	0.24
MW-11	0.03	0.4	0.60	0.58	0.02	53.87	54.66	**0.79**	68.5	0.08	0.34
MW-12	0.03	0.5	0.70	0.68	0.02	58.45	63.48	**5.03**	85.4	0.13	0.39
MW-13	0.03	1.0	1.30	1.18	0.12	118.05	117.44	-0.61	167.5	0.29	0.83
MW-14	0.06	1.2	1.75	1.56	0.19	91.00	103.90	**12.90**	203.6	0.60	0.79
MW-15	Dry										
MW-16	Dry										
MW-17	Dry										
MW-18	0.04	0.3	0.55	0.54	0.01	39.44	40.12	**0.68**	58.0	0.10	0.21
MW-19	0.03	0.4	0.50	0.58	**-0.08**	12.85	13.04	0.19	76.7	0.37	**-0.05**
MW-20	0.04	0.6	0.80	0.84	**-0.04**	11.99	18.7	**6.71**	99.5	0.46	0.10
MW-21	0.03	0.7	1.00	0.88	0.12	47.67	47.87	0.20	127.0	0.45	0.37
MW-22	0.04	0.9	1.15	1.14	0.01	150.88	154.24	**3.36**	156.3	0.01	0.90
MW-23	0.04	0.5	0.75	0.74	0.01	76.73	79.66	**2.93**	81.8	0.01	0.50
MW-24	NOT ENOUGH WATER TO OBTAIN SAMPLE					112.74					

Notes:
Purge volume negative values indicate less than target; positive values indicate greater than target

Time series plots for concentrations of sulfate, total dissolved solids (TDS), and total alkalinity are provided as Figures 1, 2, and 3, respectively, to demonstrate consistency of the 2025 Q2 data with respect to conservative constituent concentrations and trends through time within the Fort Hayes Limestone, Codell Sandstone, and Blue Hills Shale lithologic units. Further discussion of major ion and trace element chemistry is provided in the annual groundwater report submitted in January of each year.

Groundwater quality at monitoring locations completed in the Ft. Hayes Limestone (MW-6, MW-7, MW-11, MW-13, MW-19, MW-21, and MW-23) during the 2025 Q2 sampling event was consistent with concentrations and trends through time for sulfate, TDS, and total alkalinity (Figures 1 through 3). Upgradient Ft. Hayes Limestone monitoring wells MW-15 and MW-17 continued to be found to be dry. Concentrations of sulfate, TDS, and total alkalinity at wells MW-19, MW-21, and MW-23 installed a little

more than one year ago were consistent with other wells completed in the Ft. Hayes Limestone and will continue to be monitored for trends through time. MW-23, a newer TR-12 monitoring well, demonstrates a continued concentration evolution particularly with TDS and total alkalinity, but is within the range of other Ft. Hayes wells.

Similarly, groundwater quality at monitoring locations completed in the underlying Codell Sandstone (MW-8, MW-9, MW-12, MW-14, MW-18, MW-20, and MW-22) during the 2025 Q2 sampling event was consistent with concentrations and trends through time (Figures 1 through 3). In 2025 Q2 MW-16 was dry and MW-24 had too little water available to produce a sample. Concentrations of sulfate, TDS, and total alkalinity at newly installed wells MW-18 and MW-20 appear to be in the low range of what is observed in the other Codell Sandstone wells. MW-22 demonstrates a continued concentration evolution particularly with TDS and total alkalinity but is within the range of other Codell wells. It is suspected MW-22 is showing a similar evolution of water chemistry as did MW-14 when it was newly installed given it is thought to be on the same fault-dominated groundwater flow path.

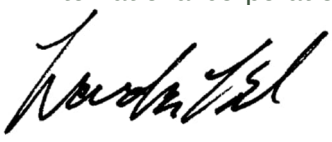
Monitoring location MW-10 is located upgradient of mine panel four and completed in the Blue Hills Shale. Concentrations of sulfate and TDS have been declining and alkalinity increasing, with the 2025 Q2 sampling results trending in line with previous sampling events (Figures 1 through 3).

As already discussed in the previous emails from GCC to DRMS dated July 7th and July 15th, 2025, in 2025 quarter two there were exceedances of laboratory-reported fluoride, selenium, boron, and manganese concentrations at select wells, all which are qualified with explanations as background. Furthermore, the manganese and boron exceedances are excepted by rule per Water Quality Control Commission Regulation 41.

Finally, the data validation report for all 2025 Q2 laboratory data has been received and reviewed to find no concerns and the data fully usable. The report, prepared by DSA is included in this submittal below. Note that the report is technically in draft form as the final reviewer, Diane Short, is on vacation until August 11, 2025. No modifications are expected per the analyst and author Dr. John Huntington, PhD. The final data validation report will be provided on or soon after August 11, 2025 to supplement this letter for the record.

Regards,

SLR International Corporation



Landon Beck
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Electronic Attachments: 2025 Q2 GW monitoring field forms, 2025 Q2 lab reports

CC: None

Figure 1. Concentrations of Sulfate in the Ft. Hayes Limestone, Codell Sandstone, and Blue Hills Shale.

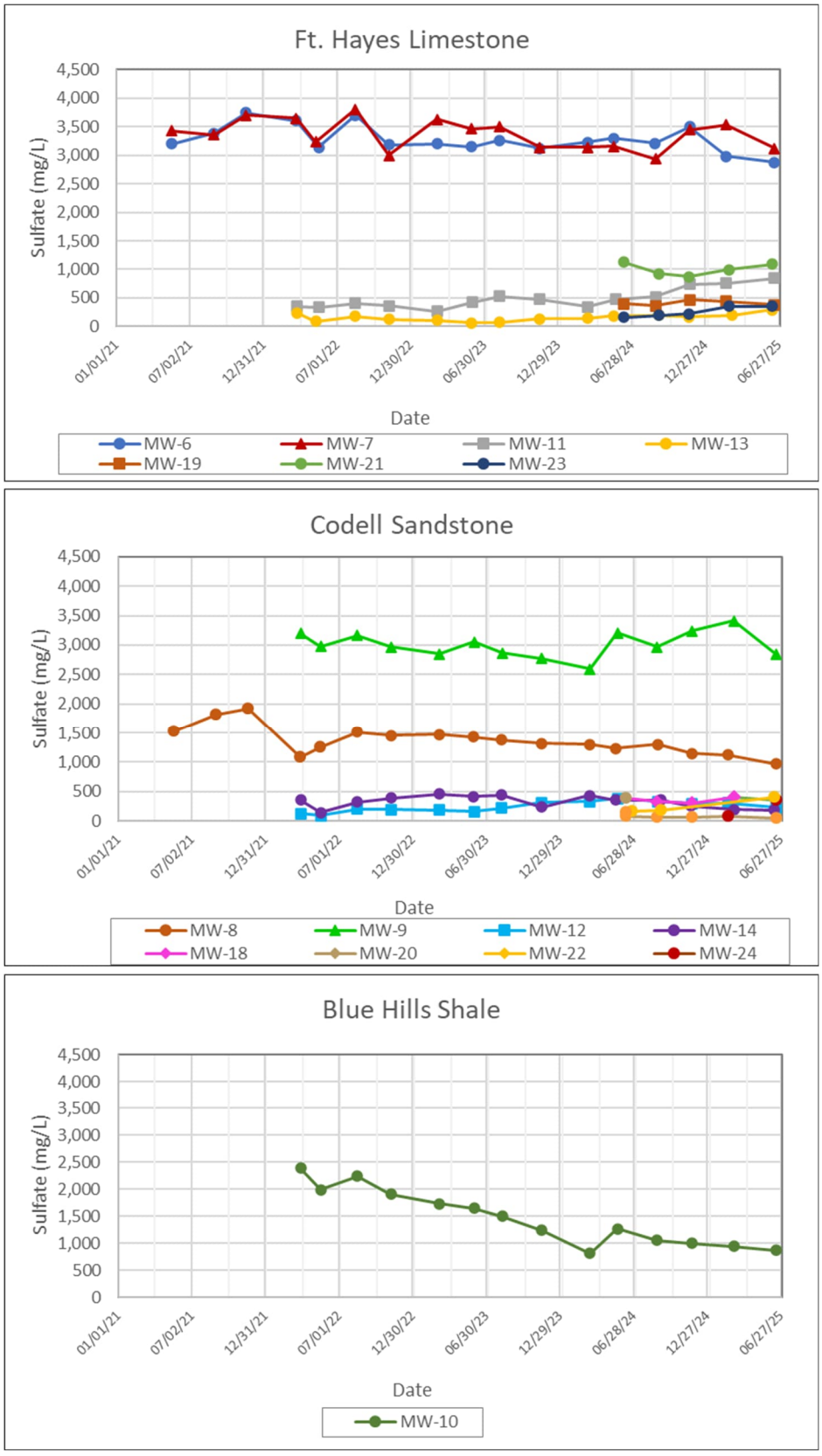


Figure 2. Concentrations of Total Dissolved Solids in the Ft. Hayes Limestone, Codell Sandstone, and Blue Hills Shale.

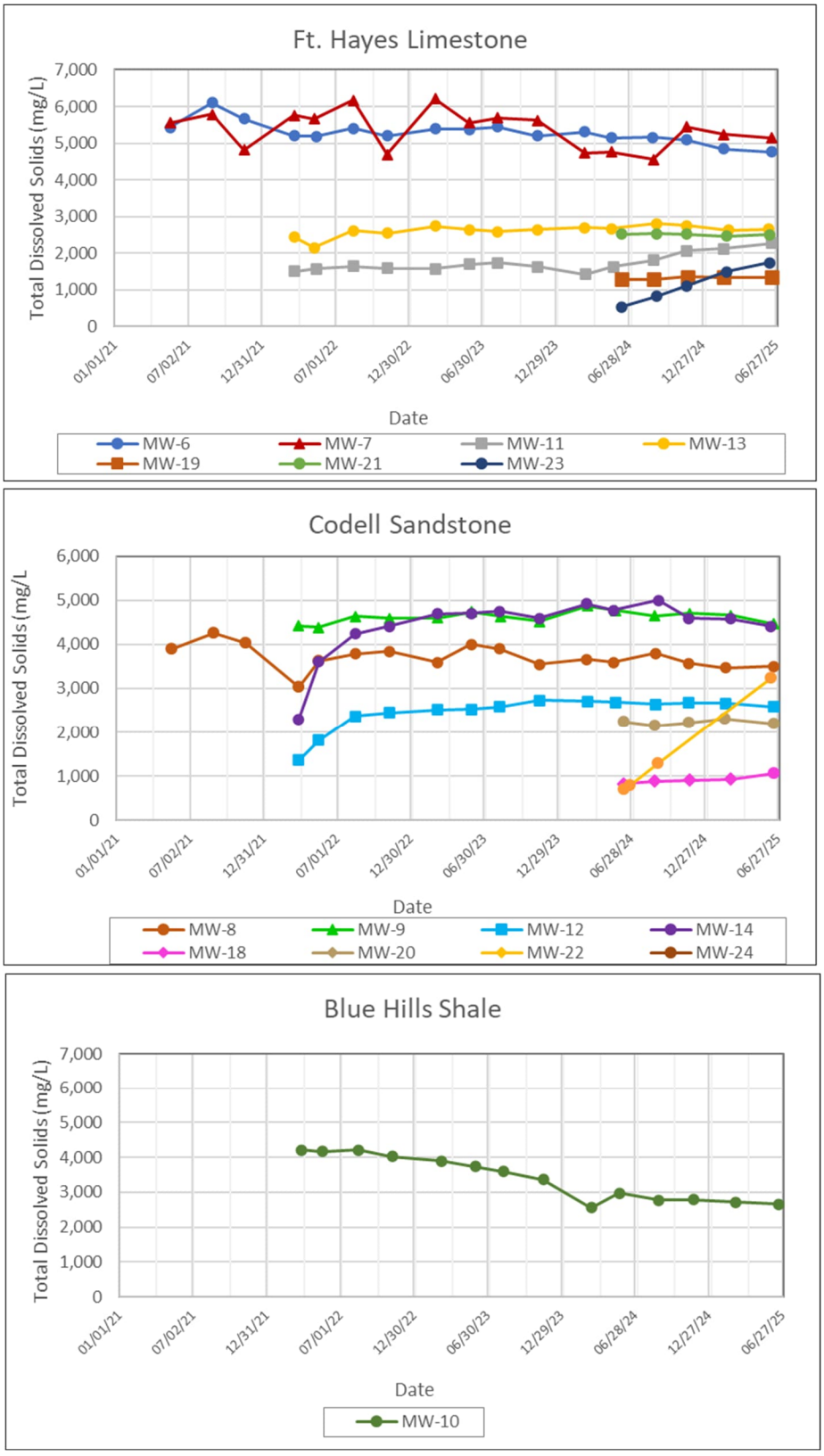
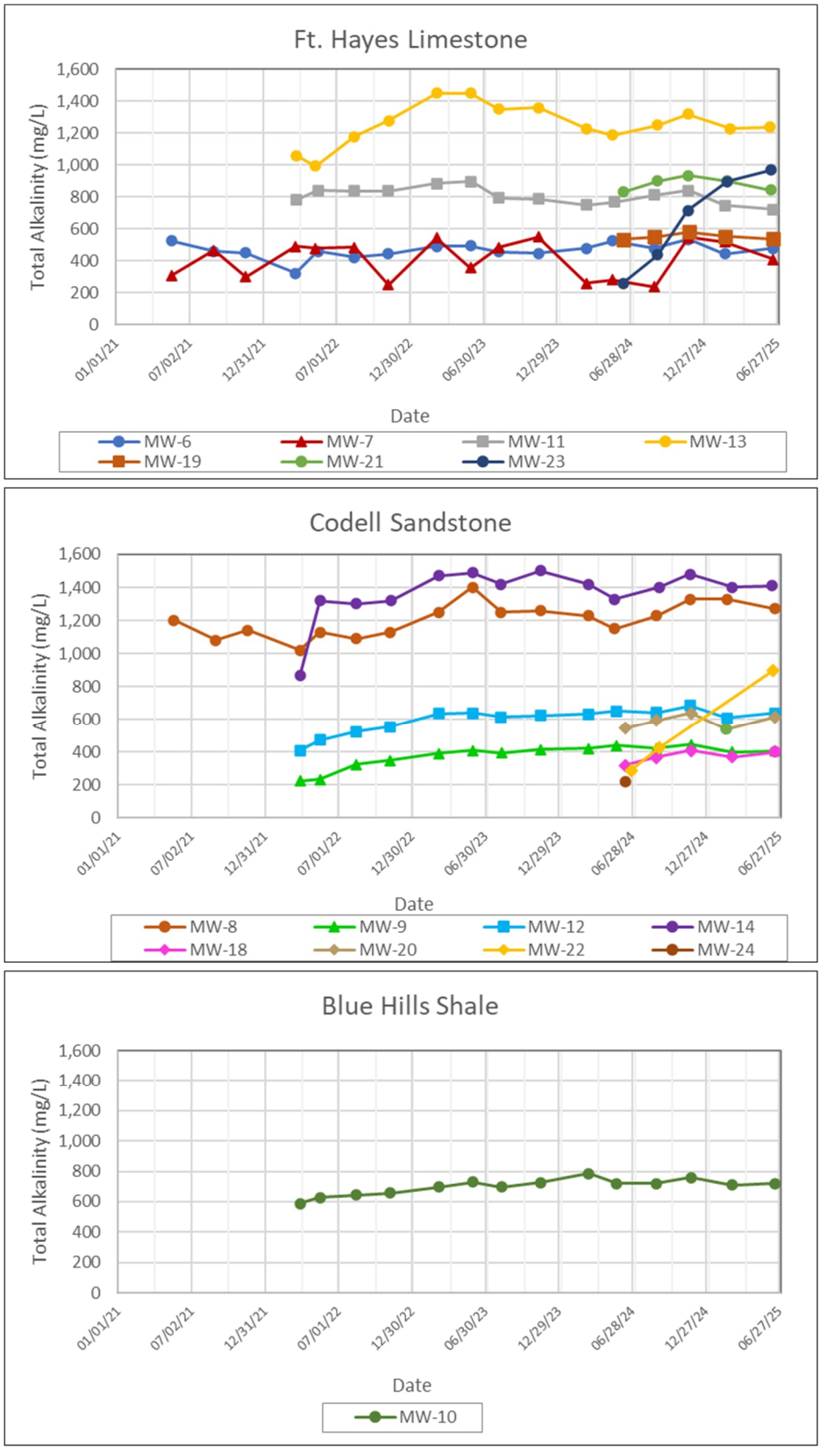


Figure 3. Total Alkalinity in the Ft. Hayes Limestone, Codell Sandstone, and Blue Hills Shale.



Location ID	Sample Date	Depth to Water (ft BTOC)	Field pH (SU)	Field Specific Conductance (µS/cm)	Field Temperature (Degrees C)	Total Dissolved Solids (mg/L)	Total Alkalinity (mg/L)	Bicarbonate as CaCO3 (mg/L)	Carbonate as CaCO3 (mg/L)	Hydroxide as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrate (mg/L)	Nitrate/Nitrite (mg/L)	Nitrite (mg/L)
MW-5	9/17/2020	DRY														
MW-5	11/23/2020	DRY														
MW-5	5/12/2021	DRY														
MW-5	11/18/2021	DRY														
MW-5	3/24/2022	DRY														
MW-5	5/10/2022	DRY														
MW-5	11/8/2022	DRY														
MW-5	5/30/2023	DRY														
MW-5	11/14/2023	DRY														
MW-5	5/15/2024	DRY														
MW-5	11/18/2024	DRY														
MW-5	2/17/2025	DRY														
MW-5	6/10/2025	DRY														
MW-6	3/9/2020	32.30	7.22	5,591	16.5	5,780	----	----	----	----	----	----	0.70	2.02	2.58	0.560
MW-6	9/16/2020	29.78	7.20	5,405	16.7	5,480	----	----	----	----	----	----	0.50	0.05	0.05	<0.01
MW-6	11/23/2020	30.92	7.25	5,425	14.3	5,300	----	----	----	----	----	----	0.57	1.62	1.63	0.012
MW-6	2/22/2021	36.61	7.55	5,684	15.8	5,780	----	----	----	----	----	----	0.62	0.07	0.07	<0.01
MW-6	5/19/2021	46.32	7.43	5,945	14.9	5,430	524	524	<2	<2	109	3,200	0.57	0.03	0.03	<0.01
MW-6	8/31/2021	26.18	7.32	6,170	16.1	6,100	459	459	<2	<2	74	3,390	0.58	4.2	4.24	0.038
MW-6	11/18/2021	29.70	7.18	7,477	14.2	5,670	450	450	<2	<2	76	3,750	0.62	0.846	0.85	<0.01
MW-6	3/22/2022	36.00	7.23	5,322	14.0	5,200	321	321	<2	<2	49	3,610	0.62	8.01	8.02	0.011
MW-6	5/17/2022	36.94	7.03	5,726	16.7	5,190	461	461	<2	<2	89	3,140	0.57	3.24	3.25	0.015
MW-6	8/15/2022	36.78	7.02	5,404	20.5	5,410	421	421	<2	<2	69	3,700	0.50	1.02	1.09	0.070
MW-6	11/7/2022	33.62	6.92	5,311	15.7	5,200	445	445	<2	<2	77	3,180	0.79	<0.02	<0.02	<0.01
MW-6	3/6/2023	37.00	6.92	4,358	15.9	5,390	491	491	<2	<2	76	3,200	0.52	<0.02	<0.02	<0.01
MW-6	5/30/2023	24.61	6.96	5,847	18.2	5,380	493	493	<2	<2	75	3,150	0.52	0.32	0.36	0.040
MW-6	8/8/2023	26.90	7.00	5,361	21.1	5,440	456	456	<2	<2	74	3,260	0.43	0.29	0.29	<0.01
MW-6	11/14/2023	32.12	6.99	5,278	15.9	5,200	448	448	<2	<2	68	3,120	0.55	0.16	0.16	<0.01
MW-6	3/11/2024	34.16	6.93	5,147	14.5	5,310	480	480	<2	<2	83	3,230	0.53	<0.02	<0.02	<0.01
MW-6	5/15/2024	32.14	6.89	4,960	16.3	5,150	524	524	<2	<2	83	3,300	0.52	<0.02	<0.02	<0.01
MW-6	8/26/2024	32.12	6.92	5,077	16.9	5,160	477	477	<2	<2	83	3,210	0.49	<0.02	<0.02	<0.01
MW-6	11/19/2024	31.40	7.03	4,830	12.5	5,090	535	535	<2	<2	94	3,500	0.50	<0.02	<0.02	<0.01
MW-6	2/17/2025	31.88	6.96	4,773	13.92	4,840	445	445	<2	<2	97	2980	0.53	<0.02	<0.02	<0.01
MW-6	6/17/2025	31.02	6.97	5,166	16.95	4,760	479	479	<2	<2	98	2880	0.50	<0.02	<0.02	<0.01
MW-7	3/9/2020	32.46	7.01	6,459	15.8	6,540	----	----	----	----	----	----	0.40	15	14.90	0.060
MW-7	9/16/2020	29.65	7.17	4,772	15.2	4,950	----	----	----	----	----	----	0.40	11	11.00	0.030
MW-7	11/23/2020	30.40	7.16	4,999	14.3	5,070	----	----	----	----	----	----	0.47	11	11.20	0.039
MW-7	2/22/2021	32.87	7.55	6,077	14.4	6,500	----	----	----	----	----	----	0.49	9.9	9.98	0.068
MW-7	5/19/2021	30.83	7.51	5,464	15.2	----	309	309	<2	<2	51	3,430	0.40	7.51	7.54	0.027
MW-7	8/31/2021	25.79	7.15	6,061	15.4	----	467	467	<2	<2	96	3,360	0.52	0.91	0.91	<0.01
MW-7	11/18/2021	29.45	6.94	6,589	13.9	----	299	299	<2	<2	53	3,700	0.53	3.84	3.84	<0.01
MW-7	3/22/2022	36.70	6.95	5,654	15.1	5,760	491	491	<2	<2	94	3,650	0.57	1.22	1.24	0.02
MW-7	5/10/2022	37.61	6.86	5,593	15.2	5,660	477	477	<2	<2	104	3,240	0.58	0.19	0.19	<0.01
MW-7	8/15/2022	29.34	6.99	5,905	20.0	6,170	484	484	<2	<2	97	3,810	0.50	0.15	0.15	<0.01
MW-7	11/7/2022	33.53	7.08	4,727	15.2	4,690	250	250	<2	<2	41	3,000	0.37	4.65	4.65	<0.01
MW-7	3/6/2023	37.43	6.95	4,958	15.6	6,210	545	545	<2	<2	91	3,630	0.55	0.26	0.28	0.013
MW-7	5/30/2023	24.50	7.03	5,099	18.1	5,560	358	358	<2	<2	47	3,470	0.41	8.66	8.66	<0.01
MW-7	8/8/2023	26.41	6.99	5,757	17.6	5,690	484	484	<2	<2	90	3,500	0.41	0.11	0.11	<0.01
MW-7	11/14/2023	31.76	6.97	5,750	16.2	5,630	552	552	<2	<2	117	3,140	0.58	<0.02	<0.02	<0.01
MW-7	3/11/2024	34.06	7.09	4,728	14.5	4,740	260	260	<2	<2	45	3,140	0.51	5.41	5.41	<0.01
MW-7	5/15/2024	30.46	7.08	4,876	15.8	4,760	283	283	<2	<2	46	3,160	0.55	4.87	4.92	0.048
MW-7	8/27/2024	32.12	7.20	4,558	17.1	4,560	237	237	<2	<2	47	2,940	0.49	3.75	3.82	0.074
MW-7	11/19/2024	31.25	7.00	5,099	12.2	5,450	548	548	<2	<2	114	3,450	0.54	0.23	0.23	<0.01
MW-7	2/17/2025	31.56	6.95	5,221	14.22	5,240	520	520	<2	<2	122	3540	0.57	<0.02	<0.02	0.015
MW-7	6/17/2025	30.86	7.01	5,495	17.0	5,140	409	409	<2	<2	104	3,120	0.52	0.894	0.92	0.021
MW-8	3/9/2020	43.78	Inadequate volume for representative field parameters or lab sample submittal at time of water level measurement and then COVID-19 restrictions enacted before well could be revisited following purge													
MW-8	9/16/2020	29.74	Inadequate volume for representative field parameters or lab sample submittal after purge - sample collected 9/28/20 because well took 2 weeks to recover													
MW-8	9/28/2020	57.43	7.26	9,179	14.7	7,900	----	----	----	----	----	----	0.90	<0.02	<0.02	<0.01
MW-8	11/9/2020	37.26	Inadequate volume for representative field parameters or lab sample submittal after purge - sample collected 11/23/20 because well took 2 weeks to recover													
MW-8	11/23/2020	39.73	7.11	5,327	13.9	4,060	----	----	----	----	----	----	1.14	<0.02	<0.02	<0.01
MW-8	2/22/2021	34.21	7.65	5,476	14.8	4,180	----	----	----	----	----	----	1.10	<0.02	<0.02	<0.01
MW-8	5/19/2021	34.56	7.60	5,571	16.1	----	1,200	1,200	<2	<2	316	1,520	0.89	0.99	1.01	0.016
MW-8	8/31/2021	25.75	7.32	6,077	17.8	----	1,080	1,080	<2	<2	272	1,820	1.00	<0.02	0.02	0.014
MW-8	11/18/2021	24.46	7.14	3,852	14.7	----	1,140	1,140	<2	<2	283	1,920	0.90	0.07	0.10	0.028
MW-8	3/28/2022	36.35	7.13	4,545	15.1	3,040	1,020	1,020	<2	<2	204	1,090	0.92	0.03	0.04	0.012
MW-8	5/17/2022	37.93	7.12	5,556	18.0	3,630	1,130	1,130	<2	<2	315	1,260	1.01	<0.02	<0.02	<0.01
MW-8	8/15/2022	30.25	7.18	5,325	18.8	3,790	1,090	1,090	<2	<2	291	1,510	1.09	<0.02	<0.02	<0.01
MW-8	11/7/2022	32.00	7.15	5,236	16.1	3,840	1,130	1,130	<2	<2	297	1,450	0.90	<0.02	<0.02	<0.01
MW-8	3/6/2023	33.76	7.19	4,375	15.3	3,600	1,250	1,250	<2	<2	280	1,470	1.03	<0.02	<0.02	<0.01
MW-8	5/30/2023	27.25	7.14	5,892	17.1	4,000	1,400	1,400	<2	<2	288	1,430	0.89	0.99	0.99	<0.01
MW-8	8/8/2023	23.88	7.22	5,184	20.5	3,900	1,250	1,250	<2	<2	275	1,380	0.95	<0.02	<0.02	<0.01
MW-8	11/14/2023	29.93	7.20	5,237	16.4	3,550	1,260	1,260	<2	<2	275	1,320	1.06	<0.02	<0.02	<0.01
MW-8	3/11/2024	33.10	7.16	4,969	14.4	3,660	1,230	1,230	<2	<2	315	1,300	1.03	<0.02	<0.02	<0.01
MW-8	5/15/2024	31.12	7.14	5,103	16.0	3,600	1,150	1,150	<2	<2	314	1,230	0.96	0.098	0.10	<0.01
MW-8	8/27/2024	31.21	7.19	4,834	17.3	3,800	1,230	1,230	<2	<2	322	1,300	0.96	0.023	0.02	<0.01
MW-8	11/19/2024	30.48	7.28	4,427	13.5	3,570	1,330	1,330	<2	<2	342	1,150	0.94	0.026	0.03	<0.01
MW-8	2/17/2025	30.66	7.23	4,552	14.1	3,470	1,330	1,330	<2	<2	344	1,120	1.43	0.041	0.04	<0.01
MW-8	6/17/2025	30.00	7.25	4,821	16.5	3,500	1,270	1,270	<2	<2	349	969	0.96	0.055	0.06	<0.01
MW-9	3/28/2022	26.16	6.55	4,834	15.0	4,420	223	223	<2	<2	44	3,200	0.49	0.51	1.38	0.867
MW-9	5/17/2022	26.32	6.59	5,486	16.9	4,390	232	232	<2	<2	44	2,980	0.44	0.89	1.33	0.44
MW-9	8/15/2022	26.42	6.86	4,998	18.9	4,640	323	323	<2	<2	45	3,160	0.43	0.04	0.04	<0.01
MW-9	11/7/2022	26.37	6.81	4,959	16.2	4,590	347	347	<2	<2	46	2,970	0.27	<0.02	<0.02	<0.01
MW-9	3/7/2023	26.52	6.90	4,387	13.6	4,600	389	389	<2	<2	44	2,850	0.44	<0.02	<0.02	<0.01
MW-9	5/31/2023	26.68	6.85	5,789	18.6	4,740	407	407	<2	<2	49	3,050	0.35	<0.02	<0.02	<0.01
MW-9	8/9/2023	26.83	6.97	5,170	17.4	4,640	393	393	<2	<2	49	2,870	0.39	0.05	0.05	<0.01
MW-9	11/15/2023	26.72	6.91	5,216	17.4	4,530	414	414	<2	<2	47	2,770	0.42	0.10	0.10	<0.01
MW-9	3/11/2024	25.77	6.86	5,087	15.6	4,880	421	421	<2	<2	45	2,590	0.42	<0.02	<0.02	<0.01
MW-9	5/20/2024	26.92	6.82	5,326	18.5	4,780	438	438	<2	<2	43	3,210	0.53	<0.02	<0.02	<0.01
MW-9	8/26/2024	26.98	6.83	5,147	18.1	4,650	421	421	<2	<2	45	2,970	0.38	<0.02	0.04	0.02
MW-9	11/20/2024	26.74	6.92	4,638	15.2	4,710	444	444	<2	<2	45	3,240	0.40	<0.02	<0.02	<0.01
MW-9	3/3/2025	26.42	6.87	4,795	16.11	4,660	398	398	<2	<2	46	3410	0.44	<0.02	<0.02	<0.01
MW-9	6/17/2025	26.90	6.88	5,280	15.79	4,470	406	406	<2	<2	46	2840	0.41	0.041	0.04	<0.01
MW-10	3/28/2022	26.35	7.43	5,724	15.1	4,220	587	587	<2	<2	289	2,380	0.99	<0.02	<0.02	<0.01
MW-10	5/17/2022	26.73	7.50	6,205	18.0	4,170	627	627	<2	<2	358	1,990	1.08	<0.02	<0.02	<0.01
MW-10	8/15/2022	26.04	7.56	5,813	18.8	4,210	644	644	<2	<2	350	2,240	1.16	<0.02	<0.02	<0.01
MW-10	11/7/2022	25.45	7.57	5,698	15.3	4,030	656	656	<2	<2	376	1,900	1.02	<0.02	<0.02	<0.01
MW-10	3/7/2023	24.88	7.65	4,662	13.8	3,890	696	696	<2	<2	375	1,730	1.15	<0.02	<0.02	<0.01
MW-10	5/31/2023	25.50	7.68	6,002	17.7	3,740	729	713	15	<2	399	1,640	1.18	<0.02	<0.02	<0.01
MW-10	8/9/2023	26.17	7.86	5,030	16.8	3,600	696	696	<2	<2	410	1,500	1.27	<0.02	<0.02	<0.01
MW-10	11/15/2023	25.68	7.82	4,403	16.1	3,360	727	701	27	<2	351	1,240	1.26	<0.02	<0.02	<0.01
MW-10	3/11/2024	25.21	7.76	3,502	15.1	2,550	784	784	<2	<2	382	806	1.40	<0.02	<0.02	<0.01
MW-10	5/20/2024	26.04	7.76	4,423	17.9	2,980	721	721	<2	<2	397	1,260	1.43	<0.02	<0.02	<0.01
MW-10	8/26/2024	26.42	7.79	1,661	19.4	2,780	719	719	<2	<2	386	1,050	1.35	<0.02	<0.02	<0.01
MW-10	11/20/2024	26.19	7.88	3,660	14.7	2,790	759	759	<2	<2	397	993	1.38	<0.02	<0.02	<0.01
MW-10	3/3/2025	25.58	7.83	3,679	15.76	2,710	708	659	49.4	<2	422	937	1.56	<0.02	<0.02	<0.01
MW-10	6/17/2025	26.48	7.84	4,070	15.9	2,660	718	656	62.4	<2	425	870	1.43	<0.02	<0.02	<0.01
MW-11	3/23/2022	58.41	7.39	2,265	15.5	1,500	782	782	<2	<2	133	353	0.82	<0.02	<0.02	0.017
MW-11	5/17/2022	59.41	7.39	2,681	17.2	1,580	842	821	20	<2	136	330	0.91	<0.02	0.03	0.033
MW-11	8/15/2022	54.00	7.37	2,619	18.8	1,640	839	839	<2	<2	135	401	0.93	<0.2	<0.2	<0.01
MW-11	11/7/2022	57.23	7.35	2,573	15.2	1,590	839	839	<2	<2	125	359	0.76	<0.02	<0.02	<0.01
MW-11	3/6/2023	59.37	7.39	2,039	15.8	1,570	885	885	<2	<2	125	263	0.89	<0.02	<0.02	<0.01
MW-11	5/31/2023	52.18	7.39	2,861	16.6	1,700	898	898	<2	<2	138	424	0.87	<0.02	<0.02	<0.01
MW-11	8/8/2023	45.09	7.34	2,633	17.5	1,740	794	794	<2	<2	117	525	0.79	<0.2	<0.2	<0.01
MW-11	11/15/2023	34.24	7.30	2,474	16.8	1,630	787	787	<2	<2	100	471	0.85	<0.02	<0.02	<0.01
MW-11	3/11/2024	54.60	7.25	2,092	15.4	1,420	752	752	<2	<2	103	343	0.86	<0.02	<0.02	<0.01
MW-11	5/20/2024	53.34	7.77	----	27.9	1,630	769	769	<2	<2	111	476	1.14	<0.02	<0.02	<0.01
MW-11	8/27/2024	54.84	7.37	2,730	18.4	1,800	814	814	<2	<2	129	519	0.83	<0.02	<0.02	<0.01
MW-11	11/19/2024	53.62	7.41	2,866	10.6	2,060	841	841	<2	<2	149	737	0.79	0.027	0.03	<0.01
MW-11	2/17/2025	54.08	7.34	2,958	14.48	2,120	747	747	<2	<2	134	756	0.89	<0.02	<0.02	<0.01
MW-11	6/17/2025	53.87	7.31	3,273	19.8	2,270	723	723	<2	<2	161	847	0.79	0.022	0.02	<0.01

Location ID	Sample Date	Aluminum (mg/L)	Arsenic (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Calcium (mg/L)	Iron (mg/L)	Lead (mg/L)	Lithium (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)	Barium (mg/L)
MW-5	9/17/2020	DRY																					
MW-5	11/23/2020	DRY																					
MW-5	5/12/2021	DRY																					
MW-5	11/18/2021	DRY																					
MW-5	3/24/2022	DRY																					
MW-5	5/10/2022	DRY																					
MW-5	11/8/2022	DRY																					
MW-5	5/30/2023	DRY																					
MW-5	11/14/2023	DRY																					
MW-5	5/15/2024	DRY																					
MW-5	11/18/2024	DRY																					
MW-5	2/17/2025	DRY																					
MW-5	6/10/2025	DRY																					
MW-6	3/9/2020	<0.3	0.0005	<0.05	0.30	0.00016	<0.05	<0.05	0.06	----	<0.2	<0.0001	0.48	----	**0.40**	<0.0002	0.110	----	**0.0401**	----	<0.03	<0.05	----
MW-6	9/16/2020	0.19	0.0009	<0.01	0.31	0.00011	0.01	0.03	<0.01	----	0.19	0.0006	0.49	----	**0.39**	<0.0002	0.088	----	0.0064	----	<0.01	0.020	----
MW-6	11/23/2020	<0.25	<0.001	<0.05	0.33	<0.00025	<0.05	<0.05	<0.05	----	<0.3	<0.0005	0.45	----	**0.33**	<0.0002	0.114	----	0.0155	----	<0.05	0.110	----
MW-6	2/22/2021	<0.25	<0.001	<0.05	0.33	<0.00025	<0.05	<0.05	<0.05	----	<0.3	<0.0005	0.48	----	**0.32**	<0.0002	0.081	----	0.0049	----	<0.05	<0.1	----
MW-6	5/19/2021	<0.05	0.00237	<0.01	0.38	0.000058	<0.02	<0.02	<0.01	315	0.13	<0.0001	0.47	344	**0.36**	<0.0002	0.058	9.9	0.0023	810	<0.01	<0.02	----
MW-6	8/31/2021	<0.05	<0.001	<0.01	0.24	<0.00025	<0.02	<0.02	<0.01	410	<0.06	<0.0005	0.49	498	**0.28**	<0.0002	0.085	11.2	0.0148	575	<0.01	<0.02	----
MW-6	11/18/2021	<0.05	<0.001	<0.01	0.25	<0.00025	<0.1	<0.02	<0.01	383	<0.06	<0.0005	0.47	473	**0.24**	<0.0002	0.076	10.3	0.0153	589	<0.01	<0.02	----
MW-6	3/22/2022	<0.25	<0.001	<0.05	0.21	<0.00025	<0.1	<0.1	<0.05	488	<0.3	<0.0005	0.43	460	0.08	<0.0002	<0.04	11.5	**0.0465**	362	<0.05	<0.1	----
MW-6	5/17/2022	<0.25	<0.0002	<0.05	0.32	<0.00005	<0.1	0.012	<0.05	440	<0.3	<0.0001	0.46	422	0.20	<0.0002	0.121	10.9	**0.0538**	522	<0.05	<0.1	----
MW-6	8/15/2022	<0.25	0.00040	<0.05	0.19	0.000131	<0.1	0.020	<0.05	421	0.70	<0.0001	0.43	410	**0.29**	<0.0002	**0.409**	10.8	0.0112	456	<0.05	<0.1	----
MW-6	11/7/2022	<0.25	<0.001	<0.05	0.28	<0.00025	<0.1	**0.061**	<0.05	414	0.32	<0.0005	0.43	411	**0.61**	<0.0002	**0.320**	10.3	<0.0005	473	<0.05	<0.1	----
MW-6	3/6/2023	<0.05	0.00109	<0.01	0.25	<0.00025	<0.1	**0.063**	<0.01	413	1.55	<0.0005	0.42	416	**0.84**	<0.0002	0.102	10.7	<0.0005	558	<0.01	<0.02	----
MW-6	5/30/2023	<0.05	<0.001	<0.01	0.24	<0.00025	<0.02	**0.054**	<0.01	398	1.12	<0.0005	0.46	421	**0.66**	<0.0002	0.090	10.5	0.0032	566	<0.01	0.028	----
MW-6	8/8/2023	0.057	0.00076	0.012	0.27	<0.0001	<0.02	0.043	0.011	402	1.34	<0.0002	0.49	422	**0.51**	<0.0002	0.078	11.5	0.0053	532	<0.01	0.039	----
MW-6	11/14/2023	<0.25	<0.001	<0.05	0.24	<0.00025	<0.1	0.035	<0.05	414	0.86	<0.0005	0.43	408	**0.42**	<0.0002	0.083	11.3	0.0045	521	<0.05	<0.1	----
MW-6	3/11/2024	<0.25	0.00120	<0.01	0.26	<0.00025	<0.02	0.036	<0.01	386	1.35	<0.0005	0.4	398	**0.42**	<0.0002	0.068	9.9	<0.0005	543	<0.01	0.095	----
MW-6	5/15/2024	<0.25	0.00146	<0.05	0.287	0.000153	<0.1	0.0298	<0.05	402	0.784	<0.0001	0.383	389	**0.44**	<0.0002	0.0745	10.5	0.0002	605	<0.05	<0.1	----
MW-6	8/26/2024	<0.35	0.00191	<0.05	0.261	<0.00025	<0.1	0.034	<0.05	376	1.04	<0.0005	0.37	357.00	0.42	<0.0002	0.0495	9.4	<0.0005	584	<0.05	<0.1	----
MW-6	11/19/2024	<0.35	0.00275	<0.05	0.334	0.000051	<0.1	0.0238	<0.05	354	1.49	<0.0001	0.38	337.00	**0.45**	<0.0002	0.0515	9.2	0.00021	639	<0.05	<0.1	----
MW-6	2/17/2025	<0.07	0.00257	0.01	0.368	0.000113	<0.1	0.02230	<0.01	339.0	1.67	<0.0001	0.397	336.0	**0.467**	<0.0002	0.048	9.2	<0.0005	646	<0.01	<0.02	----
MW-6	6/17/2025	<0.35	0.00231	<0.05	0.375	0.000101	<0.1	0.02200	<0.05	347.0	1.82	<0.0001	0.370	320.0	**0.501**	<0.0002	0.0575	8.7	<0.0005	651	<0.05	<0.1	----
MW-7	3/9/2020	<0.3	<0.0002	<0.05	0.20	0.00011	<0.05	<0.05	<0.05	----	<0.2	<0.0001	0.60	----	<0.05	<0.0002	<0.04	----	**0.0701**	----	<0.03	<0.05	----
MW-7	9/16/2020	0.16	<0.0002	<0.01	0.14	0.00007	0.01	<0.01	<0.01	----	0.15	0.0002	0.43	----	0.01	<0.0002	0.013	----	**0.0655**	----	<0.01	<0.02	----
MW-7	11/23/2020	<0.25	<0.001	<0.05	0.15	<0.00025	<0.05	<0.05	<0.05	----	<0.3	<0.0005	0.38	----	<0.05	<0.0002	<0.04	----	**0.0452**	----	<0.05	<0.1	----
MW-7	2/22/2021	<0.25	<0.001	<0.05	0.20	<0.00025	<0.05	<0.05	<0.05	----	<0.3	<0.0005	0.63	----	<0.05	<0.002	<0.04	----	**0.0348**	----	<0.05	<0.1	----
MW-7	5/19/2021	<0.05	<0.0002	<0.01	0.14	0.000057	<0.02	<0.02	<0.01	460	<0.06	<0.0001	0.47	530	<0.01	<0.0002	0.023	13.7	**0.0401**	393	<0.01	<0.02	----
MW-7	8/31/2021	<0.05	<0.001	<0.01	0.31	<0.00025	<0.02	<0.02	<0.01	391	<0.06	<0.0005	0.52	397	0.07	<0.0002	0.016	10.8	0.0115	666	<0.01	<0.02	----
MW-7	11/18/2021	<0.05	<0.001	<0.01	0.19	<0.00025	<0.1	<0.02	<0.01	429	<0.06	<0.0005	0.38	386	0.06	<0.0002	0.016	10.6	**0.0284**	402	<0.01	<0.02	----
MW-7	3/22/2022	<0.25	<0.001	<0.05	0.39	<0.00025	<0.1	<0.1	<0.05	396	<0.3	<0.0005	0.55	428	0.06	<0.0002	<0.04	10.8	0.0114	671	<0.05	<0.1	----
MW-7	5/10/2022	<0.25	<0.001	<0.05	0.37	<0.00025	<0.1	0.0023	<0.05	376	<0.3	<0.0005	0.55	392	0.09	<0.0002	<0.04	10.1	0.0055	662	<0.05	<0.1	----
MW-7	8/15/2022	<0.25	0.0004	<0.05	0.29	0.000067	<0.1	0.0028	<0.05	346	0.44	<0.0001	0.54	371	0.07	<0.0002	<0.04	10.5	0.0008	703	<0.05	<0.1	----
MW-7	11/7/2022	<0.25	<0.001	<0.05	0.16	<0.00025	<0.1	0.0018	<0.05	454	<0.3	<0.0005	0.34	365	<0.05	<0.0002	<0.04	11.3	**0.0371**	306	<0.05	<0.1	----
MW-7	3/6/2023	<0.25	<0.002	<0.05	0.32	<0.0005	<0.1	0.0040	<0.05	384	<0.3	<0.001	0.56	449	0.06	<0.0002	<0.04	11.2	<0.001	706	<0.05	<0.1	----
MW-7	5/30/2023	<0.05	<0.001	<0.01	0.17	<0.00025	<0.02	0.0021	<0.01	466	0.09	<0.0005	0.45	519	<0.01	<0.0002	0.023	13.1	**0.0981**	360	<0.01	<0.02	----
MW-7	8/8/2023	0.057	<0.0004	0.012	0.33	<0.0001	<0.04	0.0025	0.011	385	0.17	<0.0002	0.61	436	0.08	<0.0002	0.017	12.0	0.0080	638	<0.01	<0.02	----
MW-7	11/14/2023	<0.05	<0.001	<0.01	0.36	<0.00025	<0.02	0.0014	<0.01	333	0.64	<0.0005	0.62	353	0.09	<0.0002	0.008	10.2	<0.0005	707	<0.01	<0.02	----
MW-7	3/11/2024	<0.05	<0.001	<0.01	0.15	<0.00025	<0.02	0.00243	<0.01	432	<0.06	<0.0005	0.34	379	<0.01	<0.0002	0.014	11.9	**0.0287**	370	<0.01	0.080	----
MW-7	5/15/2024	<0.25	<0.0002	<0.05	0.16	0.000125	<0.1	0.00367	0.174	475	<0.3	<0.0001	0.308	369	<0.05	<0.0002	<0.04	12.5	**0.0386**	399	<0.05	<0.1	----
MW-7	8/27/2024	<0.14	<0.001	<0.02	0.135	<0.00025	<0.04	0.00216	<0.02	449	<0.12	<0.0005	0.29	337.00	<0.02	0.00034	0.033	11.3	**0.0262**	366	<0.02	<0.04	----
MW-7	11/19/2024	<0.35	0.0004	<0.05	0.362	<0.00005	<0.1	0.0022	<0.05	364	0.549	<0.0001	0.48	349.00	0.07	<0.0002	<0.040	9.7	0.00375	718	<0.05	<0.1	----
MW-7	2/17/2025	<0.07	0.00025	0.01	0.433	0.000108	<0.1	0.00207	<0.01	337.0	0.88	<0.0001	0.519	347.0	0.114	<0.0002	<0.008	9.0	<0.0005	751	<0.01	<0.02	----
MW-7	6/17/2025	<0.35	0.0004	<0.05	0.345	0.0001	<0.1	0.00298	<0.05	403	0.853	<0.0001	0.418	332	0.12	<0.0002	<0.04	10.4	0.0132	625	<0.05	<0.1	----
MW-8	3/9/2020	DRY																					
MW-8	9/16/2020	DRY																					
MW-8	9/28/2020	<0.25	0.0138	<0.05	1.2	<0.00025	<0.05	<0.05	<0.05	----	2.62	<0.0005	0.51		**0.30**	<0.0002	<0.04		0.0008		<0.05	<0.1	----
MW-8	11/9/2020	DRY																					
MW-8	11/23/2020	<0.25	0.00219	<0.05	0.82	<0.00025	<0.05	<0.05	<0.05	----	<0.3	<0.0005	0.33	----	**0.25**	<0.0002	<0.04	----	<0.0005	----	<0.05	<0.1	----
MW-8	2/22/2021	<0.05	0.00350	<0.01	0.85	<0.00025	<0.01	<0.01	<0.01	----	<0.06	<0.0005	0.36	----	**0.31**	<0.0002	<0.008	----	<0.0005	----	<0.01	<0.02	----
MW-8	5/19/2021	<0.05	0.00155	<0.01	0.89	0.000065	<0.04	<0.02	<0.01	93	<0.06	0.00016	0.37	31	**0.28**	<0.0002	<0.008	6.2	0.0002	1250	<0.01	<0.02	----
MW-8	8/31/2021	<0.05	0.00124	<0.01	0.78	<0.00025	<0.02	<0.02	<0.01	111	<0.06	<0.0005	0.38	39	**0.32**	<0.0002	<0.008	5.9	<0.0005	1300	<0.01	<0.02	----
MW-8	11/18/2021	<0.05	<0.001	<0.01	0.80	<0.00025	<0.1	<0.02	<0.01	107	<0.06	<0.0005	0.38	47	**0.27**	<0.0002	<0.008	6.4	<0.0005	1150	<0.02	<0.02	----
MW-8	3/28/2022	<0.1	0.00279	<0.02	0.60	<0.0001	<0.04	<0.04	<0.02	60	<0.12	0.00036	0.26	20	0.20	<0.0002	<0.016	4.3	<0.0002	805	<0.02	<0.04	----
MW-8	5/17/2022	<0.1	0.00427	<0.02	0.88	<0.00005	<0.04	<0.04	<0.02	77	<0.12	<0.0001	0.39	29	**0.30**	<0.0002	<0.016	5.3	<0.0001	1180	<0.02	<0.04	----
MW-8	8/15/2022	<0.1	0.00767	<0.02	0.81	<0.00005	<0.04	<0.04	<0.02	68	0.83	<0.0001	0.37	27	**0.24**	<0.0002	<0.016	5.4	<0.0002	1110	<0.02	<0.04	----
MW-8	11/7/2022	<0.1	0.00542	<0.02	0.85	<0.0001	<0.04	0.00051	<0.02	68	0.89	<0.0002	0.37	27	**0.24**	<0.0002	<0.016	5.4	<0.0005	1160	<0.02	<0.04	----
MW-8	3/6/2023	<0.1	0.00511	<0.02	0.89	<0.0001	<0.04	0.00055	<0.02	52	0.86	<0.0002	0.36	28	**0.23**	<0.0002	<0.016	5.6	<0.0002	1240	<0.02	<0.04	----
MW-8	5/30/2023	<0.05	0.00146	<0.01	0.93	<0.00025	<0.02	0.00031	<0.01	60	1.02	<0.0005	0.42	25	0.19	<0.0002	<0.008	5.5	0.0009	1280	<0.01	<0.02	----
MW-8	8/8/2023	<0.05	0.00099	0.012	0.90	<0.0001	<0.04	0.00024	<0.01	64	0.89	<0.0002	0.44	26	**0.22**	<0.0002	<0.008	6.2	<0.0002	1140	<0.01	<0.02	----
MW-8	11/14/2023	<0.05	0.00095	<0.01	0.88	<0.0001	<0.02	0.00023	<0.01	64	0.85	<0.0002	0.44	26	**0.23**	<0.0002	<0.008	6.4	<0.0002	1150	<0.01	<0.02	----
MW-8	3/11/2024	<0.05	<0.001	<0.01	0.86	<0.00025	<0.02	0.00029	<0.01	59	0.71	<0.0005	0.34	25	0.19	<0.0002	<0.008	5.2	<0.0005	1210	<0.01	0.090	----
MW-8	5/15/2024	<0.1	0.00058	<0.02	0.90	0.000084	<0.04	0.000421	<0.02	58	0.63	<0.0001	0.33	25	0.18	<0.0002	<0.016	5.4	<0.0002	1260	<0.02	<0.04	----
MW-8	8/27/2024	<0.14	0.00071	<0.02	0.845	<0.0001	<0.04	0.000212	<0.02	52.9	0.467	<0.0002	0.33	23.10	0.16	0.00041	<0.016	5.0	0.00058	1140	<0.02	<0.04	----
MW-8	11/19/2024	<0.14	0.00034	<0.02	0.873	<0.00005	<0.04	0.000225	<0.02	48.7	0.34	<0.0001	0.32	22.20	0.13	<0.0002	<0.016	5.1	0.00294	1130	<0.02	<0.04	----
MW-8	2/17/2025	<0.07	0.00035	0.01	0.884	<0.00005	<0.04	0.000198	<0.01	47.4	0.335	<0.0001	0.33	22.10	0.14	<0.0002	<0.008	5.1	0.00116	1120	<0.01	<0.02	----
MW-8	6/17/2025	<0.14	0.00041	<0.02	0.88	0.00007	<0.04	0.00049	<0.02	46.6	0.202	<0.0001	0.32	22.30	0.12	<0.0002	<0.016	4.9	0.0033	1150	<0.02	<0.04	
MW-9	3/28/2022	0.14	<0.001	<0.01	0.90	<0.00025	<0.02	<0.02	<0.01	367	<0.06	<0.0005	0.29	178	**0.61**	<0.0002	0.022	8.1	<0.0005	540	<0.01	<0.02	----
MW-9	5/17/2022	<0.25	<0.0002	<0.05	1.19	<0.00005	<0.1	0.0093	<0.05	478	<0.3	<0.0001	0.36	216	**0.76**	<0.0002	<0.04	9.3	0.0003	694	<0.05	<0.1	----
MW-9	8/15/2022	<0.25	0.00058	<0.05	1.15	0.000065	<0.1	0.0040	<0.05	417	<0.3	<0.0001	0.36	156	**0.55**	<0.0002	<0.04	9.5	<0.0001	716	<0.05	<0.1	----
MW-9	11/7/2022	<0.25	0.0007	<0.05	1.26	<0.00025	<0.1	0.0063	0.05	418	0.51	<0.0005	0.38	158	**0.55**	<0.0002	<0.04	9.0	<0.0001	741	<0.05	<0.1	----
MW-9	3/7/2023	<0.05	0.00061	<0.01	1.32	<0.00005	<0.1	0.0036	<0.01	409	0.94	<0.0001	0.38	156	**0.46**	<0.0002	<0.008	9.0	<0.0001	779	<0.01	<0.02	----
MW-9	5/31/2023	0.052	<0.001	<0.01	1.39	<0.00025	<0.02	0.0025	<0.01	415	1.39	<0.0005	0.41	161	**0.45**	<0.0002	<0.008	8.9	<0.0005	820	<0.01	<0.02	----
MW-9	8/9/2023	0.151	<0.001	<0.01	1.32	<0.00025	<0.02	0.0022	<0.01	395	1.69	<0.0005	0.44	158	**0.50**	<0.0002	<0.008	8.6	<0.0005	747	<0.01	0.738	----
MW-9	11/15/2023	<0.05	<0.001	<0.01	1.43	<0.00025	<0.02	0.0018	<0.01	408	1.77	<0.0005	0.37	159	**0.42**	<0.0002	<0.008	9.2	<0.0005	799	<0.01	<0.02	----
MW-9	3/11/2024	<0.05	0.00092	<0.01	1.40	<0.0001	<0.02	0.0018	<0.01	400	1.89	<0.0002	0.39	158	**0.38**	<0.0002	<0.008	8.8	<0.0002	809	<0.01	0.090	----
MW-9	5/20/2024	<0.25	<0.001	<0.05	1.47	<0.00025	<0.1	0.0021	<0.05	414	2.1	<0.0005	0.415	159	**0.41**	<0.0002	<0.04	8.69	<0.0005	830	<0.05	<0.1	----
MW-9	8/26/2024	<0.35	<0.001	<0.05	1.39	<0.00025	<0.1	0.00143	<0.05	405	2.16	<0.0005	0.39	156.00	**0.36**	<0.0002	<0.04	8.8	<0.0005	816	<0.05	<0.1	----
MW-9	11/20/2024	<0.35	0.00122	<0.05	1.5	<0.00005	<0.1	0.0013	<0.05	435	2.63	<0.0005	0.47	179.00	**0.40**	<0.0002	<0.04	9.4	<0.0001	915	<0.05	<0.1	----
MW-9	3/3/2025	<0.07	0.00079	<0.01	1.36	0.000113	<0.02	0.00166	<0.01	399.0	2.22	<0.0001	0.387	157.0	**0.353**	<0.0002	<0.008	8.7	<0.0001	817	<0.01	<0.02	----
MW-9	6/17/2025	<0.35	0.00086	<0.05	1.44	0.000119	<0.1	0.00163	<0.05	404.0	2.34	<0.0001	0.379	154.0	**0.351**	<0.0002	<0.04	8.7	<0.0005	844	<0.05	<0.1	
MW-10	3/28/2022	<0.25	0.00289	<0.05	0.99	<0.00025	<0.1	<0.1	<0.05	430	<0.3	0.00055	0.31	198	**0.69**	<0.0002	<0.04	8.9	<0.0005	615	<0.05	<0.1	----
MW-10	5/17/2022	<0.25	0.00321	<0.05	1.59	<0.00005	<0.1	0.00102	<0.05	83	0.51	<0.0001	0.34	24	0.07	<0.0002	<0.04	6.9	0.0004	1400	<0.05	<0.1	----
MW-10	8/15/2022	<0.25	0.00404	<0.05	1.32	<0.00005	<0.1	0.000287	<0.05	54	0.62	0.00021	0.31	16.2	<0.05	<0.0002	<0.04	6.9	<0.0002	1240	<0.05	<0.1	----
MW-10	11/7/2022	<0.25	0.00264	<0.05	1.40	<0.00025	<0.1	<0.00025	0.06	46	0.53	<0.0005	0.32	14.7	<0.05	<0.0002	<0.04	6.3	<0.0005	1240	<0.05	<0.1	----
MW-10	3/7/2023	<0.05	0.00182	<0.01	1.33	0.000052	<0.04	0.00017	<0.01	40	0.47	0.00028	0.30	12.4	0.03	<0.0002	<0.008	5.9	0.0001	1090	<0.01	<0.02	----
MW-10	5/31/2023	<0.05	0.00138	<0.01	1.35	<0.0001	<0.02	<0.0001	<0.01	38	0.41	<0.0002	0.30	11.8	0.02	<0.0002	<0.008	5.6	<0.0002	1230	<0.01	<0.02	----
MW-10	8/9/2023	<0.05	0.00110	<0.01	1.25	<0.00005	<0.02	0.000075	<0.01	33	0.33	0.0001	0.32	10.2	0.02	<0.0002	<0.008	5.5	<0.0005	1110	<0.01	<0.02	----
MW-10	11/15/2023	<0.05	0.00110	<0.01	1.31	<0.00025	<0.02	<0.00025	<0.01	29	0.27	<0.0005	0.26	8.63	<0.01	<0.0002	<0.008	5.4	<0.0005	1170	<0.01	<0.02	----
MW-10	3/11/2024	<0.05	0.00156	<0.01	1.31	<0.0001	<0.02	<0.0001	<0.01	25	0.32	0.0002	0.21	7.59	0.01	<0.0002	<0.008	4.1	<0.0002	829	<0.01	0.082	----
MW-10	5/20/2024	<0.25	0.0007	<0.05	1.33	<0.0001	<0.1	0.000163	<0.05	33.4	<0.3	<0.0002	0.23	11	<0.05	<0.0002	<0.04	4.4	<0.0002	982	<0.05	<0.1	----
MW-10	8/26/2024	<0.14	0.00072	<0.02	1.27	<0.0001	<0.04	<0.0001	<0.02	27.4	0.218	<0.0002	0.22	9.03	<0.02	<0.0002	<0.016	4.2	<0.0005	921	<0.02	<0.04	----
MW-10	11/20/2024	<0.14	0.00063	<0.02	1.24	<0.00005	<0.04	0.000082	<0.02	28.2	0.254	<0.0001	0.25	9.65	0.02	<0.0002	<0.016	4.4	<0.0002	958	<0.02	<0.04	----
MW-10	3/3/2025	<0.07	0.00043	<0.01	1.23	<0.00005	<0.02	0.00029	<0.01	25.9	0.184	<0.0001	0.205	8.8	0.01	<0.0002	<0.008	4.2	<0.0005	878	<0.01	<0.02	----
MW-10	6/17/2025	<0.14	0.00038	<0.02	1.24	<0.00005	<0.04	0.000299	<0.02	23.6	0.287	0.00014	0.21	7.61	<0.02	<0.0002	<0.016	3.9	<0.0005	921	<0.02	<0.04	
MW-11	3/23/2022	<0.05	<0.002	<0.01	0.41	<0.0005	<0.02	<0.02	<0.01	45	<0.06	<0.001	0.15	24	<0.01	<0.0002	<0.008	3.6	<0.002	461	<0.01	<0.02	----
MW-11	5/17/2022	<0.05	0.00078	<0.01	0.49	<0.00005	<0.02	<0.02	<0.01	52	<0.06	<0.0001	0.18	29	0.02	<0.0002	<0.008	3.4	**0.1320**	513	<0.01	<0.02	----
MW-11	8/15/2022	<0.05	0.00051	<0.01	0.45	<0.00005	<0.02	<0.02	<0.01	47	<0.06	<0.0001	0.16	26	<0.01	<0.0002	<0.008	3.5	**0.1250**	477	<0.01	<0.02	----
MW-11	11/7/2022	<0.05	0.00029	<0.01	0.43	<0.00005	<0.02	0.0023	<0.01	68	<0.06	<0.0001	0.15	34	0.02	<0.0002	0.011	3.7	**0.1620**	412	<0.01	<0.02	----
MW-11	3/6/2023	<0.05	<0.0002	<0.01	0.46	<0.00005	<0.02	0.00043	<0.01	53	<0.06	<0.0001	0.14	28	<0.01	<0.0002	<0.008	3.4	**0.1140**	435	<0.01	<0.02	----
MW-11	5/31/2023	<0.05	0.00025	<0.01	0.48	<0.00005	<0.02	0.0001	<0.01	46	<0.06	<0.0001	0.17	29	0.02	<0.0002	<0.008	3.7	**0.0386**	563	<0.01	<0.02	----
MW-11	8/8/2023	<0.05	0.00180	0.012	0.47	<0.0001	<0.02	0.0002	0.01	68	0.06	<0.0002	0.19	36	0.11	<0.0002	<0.008	4.1	0.0007	494	<0.01	<0.02	----
MW-11	11/15/2023	0.526	0.00041	<0.01	0.44	<0.00005	<0.02	0.00054	<0.01	91	0.19	<0.0001	0.16	44	0.07	<0.0002	<0.008	4.4	**0.0421**	422	<0.01	<0.02	----
MW-11	3/11/2024	<0.05	0.00021	<0.01	0.44	<0.00005	<0.02	0.000789	<0.01	71	0.17	<0.0001	0.14	36	0.03	<0.0002	<0.008	3.5	<0.0001	414	<0.01	0.071	----
MW-11	5/20/2024	<0.05	0.00023	<0.01	0.43	<0.00005	<0.02	0.000505	<0.01	55	<0.06	<0.0001	0.15	31	0.01	<0.0002	<0.008	3.4	**0.0487**	455	<0.01	<0.02	----
MW-11	8/27/2024	<0.07	<0.0002	<0.01	0.437	<0.00005	<0.02	0.000256	<0.01	56.9	<0.06	<0.0001	0.16	33.80	<0.01	0.00036	<0.008	3.6	**0.0284**	513	<0.01	<0.02	----
MW-11	11/19/2024	<0.14	<0.001	<0.02	0.465	<0.00025	<0.04	<0.00025	<0.02	54.2	<0.12	<0.0005	0.19	35.70	<0.02	<0.0002	<0.016	3.9	**0.1230**	606	<0.02	<0.04	----
MW-11	2/17/2025	<0.14	<0.0002	0.02	0.449	<0.00005	<0.04	0.00027	<0.02	58.3	<0.12	<0.0001	0.201	37.6	0.02	<0.0002	<0.016	3.9	0.1100	587	<0.02	<0.04	----
MW-11	6/17/2025	<0.14	<0.0002	<0.02	0.479	<0.00005	<0.04	0.00047	<0.02	64.1	<0.12	<0.0001	0.21	43.60	<0.02	<0.0002	<0.016	4.2	**0.0368**	684	<0.02	<0.04	

MW-12	3/28/2022	63.48	8.19	2,896	15.4	1,360	409	380	29	<2	374	129	**2.52**	<0.02	<0.02	0.012
MW-12	5/17/2022	81.76	8.04	3,720	17.3	1,810	472	448	24	<2	793	88	**2.21**	0.32	1.28	0.957
MW-12	8/15/2022	79.28	7.69	4,219	18.0	2,370	523	523	<2	<2	954	204	1.85	8.89	9.40	0.511
MW-12	11/7/2022	72.80	7.67	4,399	15.2	2,450	553	553	<2	<2	1,000	195	1.65	4.18	5.73	1.55
MW-12	3/6/2023	65.47	7.74	3,504	17.7	2,520	634	631	3.1	<2	1,020	186	1.77	0.09	0.59	0.495
MW-12	5/31/2023	65.23	7.79	4,903	17.1	2,530	638	629	8.5	<2	1,070	159	1.81	<0.02	<0.02	<0.01
MW-12	8/8/2023	63.24	7.82	4,492	19.0	2,580	615	615	<2	<2	1,000	220	1.77	<0.02	<0.02	<0.01
MW-12	11/15/2023	60.60	7.76	4,570	17.1	2,730	622	602	20	<2	1,030	315	1.79	<0.02	<0.02	<0.01
MW-12	3/11/2024	58.65	7.70	4,510	14.7	2,710	632	632	<2	<2	984	326	1.84	<0.02	<0.02	<0.02
MW-12	5/20/2024	58.90	7.68	4,591	17.9	2,690	651	651	<2	<2	975	380	1.93	<0.02	<0.02	<0.02
MW-12	8/27/2024	58.70	7.75	4,271	19.0	2,640	643	643	<2	<2	985	328	1.77	0.046	0.05	<0.01
MW-12	11/19/2024	58.94	7.81	4,195	13.5	2,670	684	684	<2	<2	1,060	299	1.74	<0.02	<0.02	<0.01
MW-12	2/17/2025	58.70	7.77	4,118	13.95	2,660	608	608	<2	<2	931	300	1.85	<0.02	<0.02	<0.01
MW-12	6/17/2025	58.45	7.77	4,509	18.2	2,590	637	585	52.5	<2	1,080	225	1.74	0.027	0.03	<0.01
MW-13	3/23/2022	117.48	8.23	3,872	16.9	2,430	1,060	1,030	29	<2	573	234	**5.41**	<0.02	<0.02	<0.01
MW-13	5/10/2022	118.78	8.38	3,190	17.5	2,150	995	933	62	<2	566	89	**6.06**	0.11	0.11	<0.01
MW-13	8/15/2022	119.21	7.89	4,115	19.1	2,610	1,180	1,180	<2	<2	606	172	**6.46**	<0.02	<0.02	0.029
MW-13	11/8/2022	119.31	7.96	4,251	16.0	2,540	1,280	1,230	53	<2	643	122	**6.51**	0.04	0.06	0.024
MW-13	3/6/2023	83.74	7.91	3,668	15.7	2,730	1,450	1,340	111	<2	674	104	**6.49**	<0.02	<0.02	<0.01
MW-13	5/30/2023	119.19	8.00	4,842	17.7	2,640	1,450	1,380	75	<2	654	64	**5.79**	<0.02	<0.02	<0.01
MW-13	8/8/2023	84.08	8.16	4,054	18.0	2,590	1,350	1,260	89	<2	673	69	**6.57**	0.03	0.03	<0.01
MW-13	11/14/2023	111.52	8.04	4,145	18.0	2,640	1,360	1,290	73	<2	677	132	**6.82**	<0.02	<0.02	<0.01
MW-13	3/11/2024	117.18	7.95	3,783	15.3	2,700	1,230	1,230	<2	<2	656	138	**6.34**	<0.02	<0.02	0.012
MW-13	5/15/2024	107.82	7.91	4,019	16.8	2,670	1,190	1,190	<2	<2	643	187	**6.22**	<0.02	<0.02	0.017
MW-13	9/4/2024	117.50	8.04	4,079	17.5	2,810	1,250	1,250	<2	<2	645	197	**6.13**	<0.02	<0.02	<0.01
MW-13	11/18/2024	116.72	8.03	3,599	15.6	2,750	1,320	1,320	<2	<2	671	169	**6.05**	<0.02	<0.02	<0.01
MW-13	3/3/2025	117.20	8.03	3,910	16.38	2,630	1230	1130	100.0	<2	680	198	**6.51**	<0.02	<0.02	<0.01
MW-13	6/10/2025	118.05	7.93	4,135	19.90	2,650	1240	1130	106.0	<2	674	292	**5.85**	<0.02	<0.02	0.023
MW-14	3/28/2022	92.54	8.07	3,669	17.5	2,300	866	800	66	<2	473	353	**2.35**	<0.02	<0.02	<0.01
MW-14	5/17/2022	108.77	7.68	6,741	17.2	3,610	1,320	1,300	27	<2	1,410	143	**3.10**	0.02	0.02	<0.01
MW-14	8/15/2022	95.53	7.66	5,626	18.2	4,240	1,300	1,300	<2	<2	1,480	321	**3.10**	<0.02	<0.02	<0.01
MW-14	11/8/2022	92.34	7.59	6,395	15.5	4,410	1,320	1,320	<2	<2	1,660	393	**2.87**	<0.02	<0.02	<0.01
MW-14	3/6/2023	90.12	7.60	5,744	14.7	4,690	1,470	1,410	62	<2	1,590	460	**3.10**	<0.02	<0.02	<0.01
MW-14	5/30/2023	86.50	7.61	8,043	17.8	4,710	1,490	1,490	<2	<2	1,730	414	**2.61**	<0.02	<0.02	<0.01
MW-14	8/8/2023	82.40	7.71	6,875	18.9	4,750	1,420	1,420	<2	<2	1,710	436	**2.90**	0.026	0.03	<0.01
MW-14	11/14/2023	99.18	7.64	6,832	17.4	4,590	1,500	1,470	35	<2	1,630	232	**4.01**	<0.02	<0.02	<0.01
MW-14	3/11/2024	97.32	7.57	6,462	14.7	4,920	1,420	1,420	<2	<2	1,700	429	**2.98**	<0.02	<0.02	<0.01
MW-14	5/15/2024	98.34	7.57	6,596	16.4	4,780	1,330	1,330	<2	<2	1,730	352	**2.87**	<0.02	<0.02	<0.01
MW-14	9/4/2024	96.10	7.69	6,580	18.8	5,000	1,400	1,400	<2	<2	1,830	357	**3.03**	<0.02	<0.02	<0.01
MW-14	11/18/2024	94.61	7.74	6,326	15.3	4,590	1,480	1,480	<2	<2	1,830	253	**3.03**	0.021	0.02	<0.01
MW-14	3/3/2025	93.48	7.70	5,667	15.93	4,580	1400	1330	68.7	<2	1940	196	**3.55**	<0.02	<0.02	<0.01
MW-14	6/10/2025	91.00	7.69	7,281	17.20	4,410	1410	1320	94.3	<2	1850	184	**2.91**	0.033	0.03	<0.01
MW-15	6/11/2024	DRY														
MW-15	8/26/2024	DRY														
MW-15	11/20/2024	DRY														
MW-15	3/3/2025	DRY														
MW-15	6/10/2025	DRY														
MW-16	6/25/2024	DRY														
MW-16	8/26/2024	DRY														
MW-16	11/20/2024	77.25	**NOT ENOUGH WATER TO OBTAIN SAMPLE**													
MW-16	3/3/2025	76.72	**NOT ENOUGH WATER TO OBTAIN SAMPLE**													
MW-16	6/10/2025	DRY														
MW-17	6/11/2024	DRY														
MW-17	8/26/2024	DRY														
MW-17	11/20/2024	DRY														
MW-17	3/3/2025	DRY														
MW-17	6/10/2025	DRY		3,653												
MW-18	6/11/2024	38.69	7.58	1,041	18.9	830	319	319	<2	<2	23	377	1.22	1.36	1.36	<0.01
MW-18	8/26/2024	39.08	7.72	1,296	16.9	880	366	366	<2	<2	25	333	1.25	0.023	0.02	<0.01
MW-18	11/20/2024	38.24	7.76	1,220	14.8	900	407	407	<2	<2	29	304	1.36	<0.02	<0.02	<0.01
MW-18	3/3/2025	36.96	7.55	1,318	15.85	932	369	357	12.2	<2	27	405	1.54	0.022	0.02	<0.01
MW-18	6/17/2025	39.44	7.63	1,473	15.26	1,050	397	352	44.6	<2	30	343	1.35	0.065	0.07	<0.01
MW-19	6/10/2024	12.42	8.09	1,710	18.0	1,290	535	535	<2	<2	123	393	1.40	<0.02	<0.02	<0.01
MW-19	8/27/2024	14.54	8.14	2,014	17.9	1,290	550	550	<2	<2	123	362	1.40	<0.02	<0.02	<0.01
MW-19	11/20/2024	14.56	8.22	1,948	13.2	1,360	583	583	<2	<2	122	466	1.55	<0.02	<0.02	<0.01
MW-19	2/17/2025	14.20	8.21	1,976	14.04	1,340	555	555	<2	<2	128	441	1.63	<0.02	<0.02	<0.01
MW-19	6/17/2025	12.85	8.17	2,074	17.47	1,340	538	483	55.7	<2	127	381	1.58	0.034	0.03	<0.01
MW-20	6/10/2024	48.08	8.14	2,854	18.9	2,230	546	546	<2	<2	848	78	**2.23**	0.363	0.38	0.017
MW-20	8/27/2024	20.73	7.50	NM	19.7	2,140	593	593	<2	<2	1,010	65	**2.37**	<0.02	0.03	0.013
MW-20	11/20/2024	14.67	8.15	3,462	14.4	2,220	640	640	<2	<2	998	61	**2.41**	<0.02	<0.02	<0.01
MW-20	2/17/2025	12.79	8.13	3,498	13.92	2,310	535	535	<2	<2	1080	79	**2.52**	<0.02	<0.02	<0.01
MW-20	6/17/2025	11.99	8.10	3,924	18.06	2,200	615	562	52.7	<2	1120	47	**2.39**	0.026	0.03	<0.01
MW-21	6/10/2024	44.68	8.20	3,209	16.4	2,520	833	833	<2	<2	146	1,130	1.47	<0.02	<0.02	<0.01
MW-21	9/4/2024	47.57	8.40	3,505	17.8	2,530	901	901	<2	<2	153	926	1.64	<0.02	<0.02	<0.01
MW-21	11/18/2024	43.81	8.37	3,180	16.4	2,520	935	935	<2	<2	160	875	1.40	0.044	0.04	<0.01
MW-21	2/24/2025	46.44	8.32	3,366	15.57	2,460	900	856	44.2	<2	159	995	1.31	<0.02	<0.02	<0.01
MW-21	6/11/2025	47.67	8.28		18.55	2,510	846	760	85.7	<2	154	1090	1.41	<0.02	<0.02	<0.01
MW-22	6/25/2024	149.03	**9.10**	1,122	19.9	792	286	286	<2	<2	161	163	1.99	0.028	0.18	0.155
MW-22	9/4/2024	149.71	8.39	NM	24.0	1,280	426	426	<2	<2	346	180	1.91	0.952	1.19	0.238
MW-22	11/18/2024	153.33	**NOT ENOUGH WATER TO OBTAIN SAMPLE**													
MW-22	2/24/2025	152.11	**NOT ENOUGH WATER TO OBTAIN SAMPLE**													
MW-22	6/11/2025	150.88	7.71	5,151	21.08	3,230	895	819	76.1	<2	1070	394	1.24	22.7	23.40	0.664
MW-23	6/10/2024	71.41	8.26	713	17.4	534	261	261	<2	<2	27	158	0.95	0.709	0.75	0.044
MW-23	9/4/2024	73.84	7.85	1,297	19.2	818	439	439	<2	<2	42	190	1.08	0.75	0.78	0.032
MW-23	11/18/2024	76.17	7.87	1,628	15.8	1,110	717	717	<2	<2	71	217	0.70	1.26	1.34	0.083
MW-23	2/24/2025	76.72	7.59	2,109	17.72	1,490	898	898	<2	<2	108	353	0.61	2.43	2.47	0.037
MW-23	6/11/2025	76.73	7.52	2,628	19.21	1,740	969	877	91.3	<2	133	355	0.62	2.85	2.90	0.048
MW-24	6/10/2024	103.26	**9.34**	720	18.3	704	221	<2	221	<2	50	147	**2.06**	0.033	0.36	0.327
MW-24	9/4/2024	111.56	**8.92**	1,634	20.6	5	754	well not recovered, sample not collected								
MW-24	11/18/2024	112.79	**NOT ENOUGH WATER TO OBTAIN SAMPLE**													
MW-24	2/24/2025	112.78	**NOT ENOUGH WATER TO OBTAIN SAMPLE**													
MW-24	6/11/2025	112.74	**NOT ENOUGH WATER TO OBTAIN SAMPLE**													

MW-12	3/28/2022	<0.05	0.00464	<0.01	0.60	<0.00005	<0.02	<0.02	<0.01	11	<0.06	<0.0001	0.11	3.12	0.01	<0.0002	<0.008	2.2	<0.0002	488	<0.01	<0.02	----
MW-12	5/17/2022	<0.05	0.00233	<0.01	0.80	<0.00005	<0.02	<0.02	<0.01	14	<0.06	<0.0001	0.17	4.55	0.03	<0.0002	<0.008	2.9	0.0007	707	<0.01	<0.02	----
MW-12	8/15/2022	<0.1	0.00157	<0.02	0.79	<0.00005	<0.04	<0.04	<0.02	26	<0.12	<0.0002	0.19	6.19	<0.02	<0.0002	<0.016	3.7	<0.0002	805	<0.02	<0.04	----
MW-12	11/7/2022	<0.1	0.00081	<0.02	0.84	<0.0001	<0.04	0.0017	<0.02	26	<0.12	<0.0002	0.20	7.38	0.07	<0.0002	0.099	4.1	0.0008	861	<0.02	<0.04	----
MW-12	3/6/2023	<0.1	0.00302	<0.02	0.87	<0.0001	<0.04	0.00095	<0.02	24	<0.12	0.00021	0.21	8.32	0.04	<0.0002	0.048	4.0	0.0004	967	<0.02	<0.04	----
MW-12	5/31/2023	<0.05	0.00203	<0.01	0.89	<0.0001	<0.02	0.00037	<0.01	21	0.30	0.00028	0.21	8.70	0.10	<0.0002	<0.008	3.9	<0.0002	958	<0.01	<0.02	----
MW-12	8/8/2023	<0.05	0.00241	0.012	0.93	<0.0001	<0.02	0.00062	0.013	24	0.19	0.00021	0.27	9.05	0.11	<0.0002	<0.008	4.8	<0.0005	879	<0.01	<0.02	----
MW-12	11/15/2023	<0.05	0.00246	<0.01	0.93	<0.0001	<0.02	0.00082	<0.01	27	0.12	<0.0002	0.26	10.30	0.09	<0.0002	<0.008	5.2	<0.0010	909	<0.01	<0.02	----
MW-12	3/11/2024	<0.05	0.00271	<0.01	0.90	<0.0001	<0.02	0.000756	<0.01	26	0.19	<0.0002	0.21	10.20	0.08	<0.0002	<0.008	4.03	<0.0010	971	<0.01	0.092	----
MW-12	5/20/2024	<0.25	0.00263	<0.05	0.96	<0.0001	<0.1	0.000603	<0.05	24	<0.3	<0.0002	0.21	9.63	0.06	<0.0002	<0.04	3.82	<0.0002	977	<0.05	<0.1	----
MW-12	8/27/2024	<0.14	0.00285	<0.02	0.889	<0.0001	<0.04	0.000592	<0.02	22.6	<0.12	<0.0002	0.22	9.53	0.05	<0.0002	<0.016	4.0	0.00472	973	<0.02	<0.04	----
MW-12	11/19/2024	<0.14	0.00257	<0.02	0.898	<0.00005	<0.04	0.000421	<0.02	21.1	<0.12	<0.0001	0.21	8.86	0.04	<0.0002	<0.016	3.9	<0.0002	950	<0.02	<0.04	----
MW-12	2/17/2025	<0.14	0.00306	0.02	0.911	<0.00005	<0.04	0.00036	<0.02	19.6	0.14	<0.0001	0.227	8.7	0.05	<0.0002	<0.016	3.9	<0.0002	937	<0.02	<0.04	----
MW-12	6/17/2025	<0.14	0.00286	<0.02	0.912	<0.00005	<0.04	0.000483	<0.02	19.2	0.134	<0.0001	0.22	8.57	0.04	<0.0002	<0.016	3.8	<0.0005	1010	<0.02	<0.04	
MW-13	3/23/2022	<0.1	0.00178	<0.02	0.94	<0.0001	<0.04	<0.04	<0.02	5	<0.12	<0.0002	0.18	1.45	<0.02	<0.0002	<0.016	2.9	<0.0002	885	<0.02	<0.04	----
MW-13	5/10/2022	<0.1	0.00075	<0.02	0.95	<0.0001	<0.04	<0.04	<0.02	4	<0.12	<0.0002	0.18	1.00	<0.02	<0.0002	<0.016	2.4	0.0184	782	<0.02	<0.04	----
MW-13	8/15/2022	<0.1	0.00285	<0.02	1.00	<0.00005	<0.04	<0.04	<0.02	8	<0.12	<0.0001	0.21	1.74	<0.02	<0.0002	<0.016	3.1	<0.0002	910	<0.02	<0.04	----
MW-13	11/8/2022	<0.1	0.00102	<0.02	1.03	<0.00025	<0.04	<0.00025	<0.02	7	<0.12	<0.0002	0.23	1.67	<0.02	<0.0002	<0.016	3.1	<0.0002	977	<0.02	<0.04	----
MW-13	3/6/2023	<0.1	<0.001	<0.02	1.09	<0.00025	<0.04	<0.00025	<0.02	8	<0.12	<0.0005	0.24	2.21	<0.02	<0.0002	<0.016	3.1	<0.0002	1060	<0.02	<0.04	----
MW-13	5/30/2023	<0.05	0.00044	<0.01	1.04	0.00012	<0.02	0.00022	<0.01	6	<0.06	0.00043	0.28	1.82	<0.01	<0.0002	<0.008	2.9	<0.0010	1050	<0.01	<0.02	----
MW-13	8/8/2023	<0.05	<0.0004	0.012	1.06	<0.0001	<0.02	<0.0001	<0.01	6	<0.06	<0.0002	0.28	1.82	0.01	<0.0002	<0.008	3.8	<0.0005	945	<0.01	<0.02	----
MW-13	11/14/2023	<0.05	0.0004	<0.01	1.07	<0.0001	<0.02	<0.0001	<0.01	7	<0.06	<0.0002	0.27	1.74	<0.01	<0.0002	<0.008	3.6	<0.0002	891	<0.01	<0.02	----
MW-13	3/11/2024	<0.05	<0.0001	<0.02	1.07	<0.00025	<0.02	<0.00025	<0.01	7	<0.06	<0.0005	0.22	1.93	<0.01	<0.0002	<0.008	2.9	<0.0005	976	<0.02	0.067	----
MW-13	5/15/2024	<0.1	0.00044	<0.02	1.12	<0.00005	<0.04	0.000087	<0.02	8	<0.12	<0.0001	0.218	1.98	<0.02	<0.0002	<0.016	3.09	<0.0002	1100	<0.02	<0.04	----
MW-13	9/4/2024	<0.14	0.00043	<0.02	1.04	<0.00005	<0.04	0.000065	<0.02	6.8	<0.12	<0.0001	0.24	2.05	<0.02	<0.0002	<0.016	2.5	<0.0002	1040	<0.02	<0.04	----
MW-13	11/18/2024	<0.14	0.00047	<0.02	1.04	<0.00005	<0.04	0.000058	<0.02	6.75	<0.12	<0.0001	0.22	1.85	<0.02	<0.0002	<0.016	2.8	<0.0002	1020	<0.02	<0.04	----
MW-13	3/3/2025	<0.07	<0.001	<0.01	1.04	<0.00025	<0.02	0.000313	<0.01	6.7	<0.06	<0.0005	0.207	1.9	<0.01	<0.0002	<0.008	2.9	<0.0005	973	<0.01	<0.02	----
MW-13	6/10/2025	<0.14	0.00049	<0.02	1.08	<0.00005	<0.04	0.000174	<0.02	7.5	<0.12	<0.0001	0.235	2.2	<0.02	<0.0002	<0.016	3.1	<0.0005	1040	<0.02	<0.04	----
MW-14	3/28/2022	<0.1	0.00533	<0.02	1.46	<0.0001	<0.04	<0.04	<0.02	85	<0.12	<0.0002	0.32	23	<0.02	<0.0002	<0.016	7.1	0.0098	1260	<0.02	<0.1	----
MW-14	5/17/2022	<0.1	0.00382	<0.02	1.26	0.000066	<0.04	<0.04	<0.02	16	<0.12	<0.0001	0.40	4.75	<0.02	<0.0002	<0.016	4.6	0.0012	1390	<0.02	<0.04	----
MW-14	8/15/2022	<0.25	0.0059	<0.05	1.17	<0.00005	<0.1	0.00075	<0.05	17	<0.3	<0.0002	0.36	4.86	<0.05	<0.0002	<0.04	5.3	<0.0002	1450	<0.05	<0.1	----
MW-14	11/8/2022	<0.25	0.00448	<0.05	1.24	<0.0005	<0.1	0.00086	<0.05	18	0.36	<0.001	0.36	4.99	<0.05	<0.0002	<0.04	5.7	<0.001	1610	<0.05	<0.1	----
MW-14	3/6/2023	<0.25	0.00531	<0.05	1.32	<0.00025	<0.1	0.00066	<0.05	19	0.81	<0.0005	0.38	6.44	<0.05	<0.0002	<0.04	5.3	<0.0005	1740	<0.05	<0.1	----
MW-14	5/30/2023	0.053	0.00408	<0.01	1.21	<0.00025	<0.02	0.00062	<0.01	17	0.68	0.00084	0.50	5.47	0.04	<0.0002	<0.008	5.0	<0.0002	1770	<0.01	0.063	----
MW-14	8/8/2023	<0.05	0.00436	0.012	1.30	<0.0001	<0.1	0.00036	0.01	19	1.10	<0.0005	0.52	5.89	0.06	<0.0002	<0.008	6.2	<0.0005	1750	<0.01	<0.02	----
MW-14	11/14/2023	<0.05	0.00236	<0.01	1.23	<0.00025	<0.02	<0.00025	<0.01	16	0.53	<0.0005	0.56	5.39	0.03	<0.0002	<0.008	5.7	<0.0005	1590	<0.01	<0.02	----
MW-14	3/11/2024	<0.05	0.0036	<0.01	1.29	<0.00025	<0.02	<0.00025	<0.05	18	0.98	<0.0005	0.42	5.91	0.03	<0.0002	<0.008	5.4	<0.0005	1850	<0.01	0.093	----
MW-14	5/15/2024	<0.25	0.00435	<0.05	1.28	0.000178	<0.1	0.000192	<0.05	18	0.92	<0.0001	0.40	5.43	<0.05	<0.0002	<0.04	5.6	<0.0002	1900	<0.05	<0.1	----
MW-14	9/4/2024	<0.35	0.00303	<0.05	1.34	<0.00025	<0.1	0.000113	<0.05	18.6	0.977	<0.0005	0.45	6.35	<0.05	<0.0002	<0.04	4.7	<0.0005	1840	<0.05	<0.1	----
MW-14	11/18/2024	<0.35	0.00269	<0.05	1.23	<0.00025	<0.1	<0.00025	<0.05	16	0.699	<0.0005	0.40	5.16	<0.05	<0.0002	<0.04	5.3	<0.0005	1800	<0.05	<0.1	----
MW-14	3/3/2025	<0.07	0.00252	<0.01	1.17	<0.00025	<0.02	<0.00025	<0.01	14.3	0.63	<0.0005	0.372	4.9	0.01	<0.0002	<0.008	4.8	<0.0002	1680	<0.05	<0.02	----
MW-14	6/10/2025	<0.35	0.00187	<0.05	1.28	0.000081	<0.1	0.000147	0.051	15.2	0.65	<0.0005	0.419	5.5	<0.05	<0.0002	<0.04	5.3	<0.0005	1730	<0.05	<0.1	
MW-15	6/11/2024	DRY																					
MW-15	8/26/2024	DRY																					
MW-15	11/20/2024	DRY																					
MW-15	3/3/2025	DRY																					
MW-15	6/10/2025	DRY																					
MW-16	6/25/2024	DRY																					
MW-16	8/26/2024	DRY																					
MW-16	11/20/2024	NOT ENOUGH WATER TO OBTAIN SAMPLE																					
MW-16	3/3/2025	NOT ENOUGH WATER TO OBTAIN SAMPLE																					
MW-16	6/10/2025	DRY																					
MW-17	6/11/2024	DRY																					
MW-17	8/26/2024	DRY																					
MW-17	11/20/2024	DRY																					
MW-17	3/3/2025	DRY																					
MW-17	6/10/2025	DRY																					
MW-18	6/11/2024	<0.07	0.00153	0.011	0.51	<0.00005	<0.02	0.000771	<0.01	58	0.07	<0.0001	0.12	13.40	0.05	<0.0002	<0.008	3.4	0.00137	220	<0.01	<0.02	----
MW-18	8/26/2024	<0.07	0.00236	<0.01	0.636	<0.00005	<0.02	0.000582	<0.01	42	<0.06	<0.0001	0.12	10.30	0.05	<0.0002	<0.008	2.9	<0.0001	252	<0.01	<0.02	----
MW-18	11/20/2024	<0.07	0.00448	<0.01	0.724	<0.00005	<0.02	0.000208	<0.01	30.1	0.108	<0.0001	0.13	8.23	0.08	<0.0002	<0.008	2.7	<0.0001	276	<0.01	<0.02	----
MW-18	3/3/2025	<0.07	0.00353	<0.01	0.646	<0.00005	<0.02	0.00059	<0.01	58.4	0.22	<0.0001	0.122	13.0	0.066	<0.0002	<0.008	2.91	<0.0002	257	<0.01	<0.02	----
MW-18	6/17/2025	<0.07	0.00393	<0.01	0.763	<0.00005	<0.02	0.000557	<0.01	41.5	0.22	<0.0001	0.132	10.4	0.06	<0.0002	<0.008	2.9	<0.0001	295	<0.01	<0.02	
MW-19	6/10/2024	<0.07	<0.0002	<0.01	0.45	<0.00005	<0.02	0.000105	<0.01	12.7	<0.06	<0.0001	0.12	5.72	<0.01	<0.0002	<0.008	2.6	<0.002	491	<0.01	<0.02	----
MW-19	8/27/2024	<0.07	<0.0002	<0.01	0.421	<0.00005	<0.02	0.000062	<0.01	10.9	<0.06	<0.0001	0.11	5.64	<0.01	<0.0002	<0.008	2.4	0.00209	456	<0.01	<0.02	----
MW-19	11/20/2024	<0.07	<0.0002	<0.01	0.435	<0.00005	<0.02	<0.00005	<0.01	10.5	<0.06	<0.0001	0.12	5.23	<0.01	<0.0002	<0.008	2.5	<0.0005	469	<0.01	<0.02	----
MW-19	2/17/2025	<0.07	<0.0002	0.01	0.432	<0.00005	<0.02	0.000058	<0.01	10.2	<0.06	<0.0001	0.121	5.1	0.01	<0.0002	<0.008	2.5	<0.0005	466	<0.01	<0.02	----
MW-19	6/17/2025	<0.35	<0.0002	<0.05	0.489	<0.00005	<0.1	0.000262	<0.05	11.0	<0.3	<0.0001	0.114	4.5	<0.05	<0.0002	<0.04	2.6	<0.0001	514	<0.05	<0.1	
MW-20	6/10/2024	<0.14	0.00392	<0.02	0.78	<0.00005	<0.04	0.000329	<0.02	15.1	<0.12	<0.0001	0.17	4.06	<0.02	<0.0002	<0.016	3.9	<0.0002	840	<0.02	<0.04	----
MW-20	8/27/2024	<0.14	0.00319	<0.02	0.763	<0.0001	<0.04	0.000176	<0.02	10.1	<0.12	<0.0002	0.18	3.69	0.02	<0.0002	<0.016	3.8	<0.0002	823	<0.02	<0.04	----
MW-20	11/20/2024	<0.14	0.00335	<0.02	0.796	<0.00005	<0.04	0.000123	<0.02	9.3	<0.12	<0.0001	0.19	3.44	0.02	<0.0002	<0.016	3.7	<0.0005	850	<0.02	<0.04	----
MW-20	2/17/2025	<0.14	0.00338	0.02	0.83	<0.00005	<0.04	0.000131	<0.02	8.3	<0.12	<0.0001	0.197	3.5	0.05	<0.0002	<0.016	3.5	<0.002	847	<0.02	<0.04	----
MW-20	6/17/2025	<0.14	0.0031	<0.02	0.835	<0.00005	<0.04	0.000349	<0.02	8.5	0.12	<0.0001	0.188	3.2	0.05	<0.0002	<0.016	3.4	<0.0005	876	<0.02	<0.04	
MW-21	6/10/2024	<0.14	<0.0002	<0.02	0.68	<0.00005	<0.04	0.000133	<0.02	12.2	<0.12	<0.0001	0.26	9.03	<0.02	<0.0002	<0.016	2.9	<0.0002	910	<0.02	<0.04	----
MW-21	9/4/2024	<0.14	<0.0002	<0.02	0.636	<0.00005	<0.04	0.000101	<0.02	8.87	<0.12	<0.0001	0.24	6.10	<0.02	<0.0002	<0.016	2.1	<0.0002	857	<0.02	<0.04	----
MW-21	11/18/2024	<0.14	<0.0002	<0.02	0.612	<0.00005	<0.04	0.000108	<0.02	7.85	<0.12	<0.0001	0.23	5.29	<0.02	<0.0002	<0.016	2.5	<0.0002	834	<0.02	<0.04	----
MW-21	2/24/2025	<0.07	<0.0002	<0.01	0.669	<0.00005	<0.02	0.00011	<0.01	9.1	<0.06	<0.0001	0.240	6.3	<0.01	<0.0002	<0.008	2.7	<0.0002	879	<0.01	<0.02	----
MW-21	6/11/2025	<0.14	<0.0002	<0.02	0.604	<0.00005	<0.04	0.000341	<0.02	10.5	<0.12	<0.0001	0.248	6.4	<0.02	<0.0002	<0.016	2.6	<0.0005	898	<0.02	<0.04	
MW-22	6/25/2024	<0.07	0.00751	<0.01	0.29	<0.00005	<0.02	0.00011	<0.01	4.6	<0.06	<0.0001	0.06	0.82	0.03	<0.0002	<0.008	0.8	0.00119	286	<0.01	0.125	----
MW-22	9/4/2024	<0.07	0.00484	<0.01	0.386	<0.00005	<0.02	0.000143	0.016	4.04	<0.06	<0.0001	0.09	0.98	0.01	<0.0002	<0.008	1.4	<0.0001	475	<0.01	<0.02	----
MW-22	11/18/2024	NOT ENOUGH WATER TO OBTAIN SAMPLE																					
MW-22	2/24/2025	NOT ENOUGH WATER TO OBTAIN SAMPLE																					
MW-22	6/11/2025	<0.14	0.00139	<0.02	0.748	<0.00005	<0.04	0.000404	<0.02	9.0	<0.12	<0.0005	0.238	2.7	0.03	<0.0002	<0.016	3.6	<0.0005	1180	<0.02	<0.04	
MW-23	6/10/2024	<0.07	0.00146	<0.01	0.11	<0.00005	<0.02	0.000433	<0.01	21.2	<0.06	<0.0001	0.05	6.89	0.02	<0.0002	<0.008	3.3	0.0112	165	<0.01	<0.02	----
MW-23	9/4/2024	<0.07	0.00149	<0.01	0.165	<0.00005	<0.02	0.000487	<0.01	21.7	0.066	<0.0001	0.08	7.34	0.01	<0.0002	<0.008	3.1	0.00935	277	<0.01	<0.02	----
MW-23	11/18/2024	<0.07	0.00126	<0.01	0.24	<0.00005	<0.02	0.000374	<0.01	20.3	0.388	<0.0001	0.11	8.41	0.02	<0.0002	<0.008	3.9	0.00139	395	<0.01	<0.02	----
MW-23	2/24/2025	<0.07	0.00084	<0.01	0.365	<0.00005	<0.02	0.00103	<0.01	29.2	0.67	<0.0001	0.145	13.4	0.03	<0.0002	<0.008	4.7	0.0151	530	<0.01	<0.02	----
MW-23	6/11/2025	<0.07	0.00085	<0.01	0.384	<0.00005	<0.02	0.000941	<0.01	30.5	0.63	<0.0001	0.169	15.4	0.03	<0.0002	<0.008	4.8	0.0172	601	<0.01	<0.02	
MW-24	6/10/2024	<0.07	0.00651	<0.01	0.28	<0.00005	<0.02	0.000067	<0.01	4.57	<0.06	<0.0001	0.03	1.40	<0.01	<0.0002	<0.008	1.3	0.00284	181	<0.01	<0.02	----
MW-24	9/4/2024	well not recovered, sample not collected																					
MW-24	11/18/2024	NOT ENOUGH WATER TO OBTAIN SAMPLE																					
MW-24	2/24/2025	NOT ENOUGH WATER TO OBTAIN SAMPLE																					
MW-24	6/11/2025																						

Field QA/QC Samples																
MW-6	5/15/2024	----	----	----	----	5,060	525	525	<2	<2	82	3,510	0.53	<0.02	<0.02	<0.01
MW-6	8/26/2024	----	----	----	----	5,380	480	480	<2	<2	82	3,140	0.49	0.023	0.02	<0.01
MW-7	3/9/2020	----	----	----	----	6,530	----	----	----	----	----	----	0.40	15	14.50	0.05
MW-7	9/16/2020	----	----	----	----	5,040	----	----	----	----	----	----	0.40	11	10.90	0.03
MW-7	2/22/2021	----	----	----	----	6,460	----	----	----	----	----	----	0.49	10	10.30	0.068
MW-7	5/19/2021	----	----	----	----	----	291	291	<2	<2	51	3,280	0.43	7.45	7.48	0.028
MW-7	8/31/2021	----	----	----	----	----	464	464	<2	<2	109	3,480	0.53	0.91	0.91	<0.01
MW-7	3/22/2022	----	----	----	----	5,730	492	492	<2	<2	94	3,720	0.56	1.18	1.20	0.018
MW-7	5/10/2022	----	----	----	----	5,660	490	490	<2	<2	104	3,290	0.58	0.20	0.20	<0.01
MW-7	3/6/2023	----	----	----	----	5,870	504	504	<2	<2	89	3,480	0.51	0.20	0.20	<0.01
MW-7	3/11/2024	----	----	----	----	4,720	247	247	<2	<2	43	2,870	0.50	6.45	6.45	<0.01
MW-8	11/23/2020	----	----	----	----	4,040	----	----	----	----	----	----	1.15	<0.050	<0.02	<0.01
MW-8	11/18/2021	----	----	----	----	----	1,130	1,130	<2	<2	288	1,920	0.89	0.078	0.11	0.029
MW-8	8/15/2022	----	----	----	----	3,730	1,100	1,100	<2	<2	290	1,560	1.07	<0.02	<0.02	<0.01
MW-8	11/7/2022	----	----	----	----	3,770	1,110	1,110	<2	<2	289	1,460	0.93	0.26	0.26	<0.01
MW-8	8/8/2023	----	----	----	----	3,800	1,250	1,250	<2	<2	295	1,350	0.95	<0.02	<0.02	<0.01
MW-8	2/17/2025	----	----	----	----	5,560	520	520	<2	<2	106	3120	0.58	<0.02	<0.02	<0.01
MW-11	5/31/2023	----	----	----	----	1,700	902	898	3.3	<2	142	423	0.86	<0.02	<0.02	<0.01
MW-12	11/15/2023	----	----	----	----	3,660	639	613	26	<2	923	314	1.77	0.04	0.04	<0.01
MW-21	6/10/2024	----	----	----	----	2,480	838	838	<2	<2	146	1,120	1.38	0.04	0.04	<0.01
MW-21	9/4/2024	----	----	----	----	2,430	889	889	<2	<2	154	1,040	1.67	<0.02	<0.02	<0.01
MW-23	11/18/2024	----	----	----	----	1,130	702	702	<2	<2	69	190	0.72	1.46	1.55	0.091
MW-23	6/11/2025	----	----	----	----	1,760	956	907	49.6	<2	131	366	0.61	3.32	3.38	0.059
FIELD BLANK	12/2/2024	----	----	----	----	<20	2	2	<2	<2	<1	<1	<0.15	<0.02	<0.02	<0.01
FIELD BLANK	3/3/2025	----	----	----	----	<20	<2	<2	<2	<2	<1	<1	<0.15	<0.02	<0.02	<0.01
FIELD BLANK	6/17/2025	----	----	----	----	<20	11.9	11.9	<2	<2	<1	<1	<0.15	<0.02	<0.02	<0.01
CDPHE Regulation 41 Table 3 Groundwater Quality Reference Standards (Agricultural Use)[1]			*6.5 -8.5*	----	----	*10,000*	----	----	----	----	----	----	*2.00*	----	*100.00*	*10*

Notes:

- Concentration in bold indicate exceedance of the CDPHE Groundwater Quality Reference Standard for Agricultural Use as applicable to the facility.
- Underlined values exceeded the method hold time for analysis.
- The applicable facility standards established for boron (5.0 mg/L) and total dissolved solids (<10,000) are different than the CDPHE agricultural use standards; 0.75 mg/L and 1.5 x background, respectively.
- MW-5 has been dry since installation and initial monitoring on 7/14/2008
- 2020 Q2 monitoring not conducted due to COVID-19 restrictions.

Field QA/QC Samples																						
MW-6	5/15/2024	<0.25	0.0013	<0.05	0.261	0.000133	<0.1	0.0303	<0.05	400	0.69	<0.0001	0.384	386	**0.44**	<0.0002	0.07	10.3	0.00017	589	<0.05	<0.1	----
MW-6	8/26/2024	<0.35	0.00155	<0.05	0.256	<0.00025	<0.1	0.0328	<0.05	383	0.9	<0.0005	0.38	363.00	**0.44**	<0.0002	0.046	9.8	<0.0005	589	<0.05	<0.1	----
MW-7	3/9/2020	<0.3	<0.0002	<0.05	0.10	0.0001	<0.05	<0.05	<0.05	----	<0.2	<0.0001	0.60	----	<0.05	<0.0002	<0.04	----	**0.0704**	----	<0.03	<0.05	----
MW-7	9/16/2020	0.11	<0.0002	<0.01	0.13	0.00007	0.01	<0.01	<0.01	----	0.12	0.0002	0.43	----	0.01	<0.0002	0.010	----	**0.0654**	----	<0.01	<0.02	----
MW-7	2/22/2021	<0.05	<0.001	<0.01	0.17	<0.00025	<0.01	<0.01	<0.01	----	<0.06	<0.0005	0.62	----	0.02	<0.0002	0.020	----	**0.0329**	----	<0.01	<0.02	----
MW-7	5/19/2021	<0.05	<0.0002	<0.01	0.14	0.000068	<0.02	<0.02	<0.01	457	<0.06	<0.0001	0.47	528	<0.01	<0.0002	0.012	13.9	**0.0398**	390	<0.01	<0.02	----
MW-7	8/31/2021	<0.05	<0.001	<0.01	0.31	<0.00025	<0.02	<0.02	<0.01	390	<0.06	<0.0005	0.52	396	0.07	<0.0002	0.017	10.9	0.0109	661	<0.01	<0.02	----
MW-7	3/22/2022	<0.25	<0.001	<0.05	0.35	<0.00025	<0.1	<0.1	<0.05	383	<0.3	<0.0005	0.52	431	<0.05	<0.0002	<0.04	10.5	0.0119	642	<0.05	<0.1	----
MW-7	5/10/2022	<0.25	<0.001	<0.05	0.39	<0.00025	<0.1	0.0022	<0.05	373	<0.3	<0.0005	0.56	389	0.10	<0.0002	<0.04	10.3	0.0061	675	<0.05	<0.1	----
MW-7	3/6/2023	<0.05	<0.0004	<0.01	0.29	<0.0001	<0.1	0.0039	<0.01	388	0.09	<0.0002	0.54	443	0.07	<0.0002	0.026	11.7	0.0056	677	<0.01	<0.02	----
MW-7	3/11/2024	<0.05	<0.0001	<0.01	0.14	<0.00025	<0.2	0.00193	<0.02	446	<0.06	<0.0005	0.329	382	<0.01	<0.0002	0.0131	12	**0.0294**	354	<0.01	0.085	----
MW-8	11/23/2020	<0.25	0.00234	<0.05	0.83	<0.00025	<0.05	<0.05	<0.05	----	<0.3	<0.0005	0.34	----	**0.25**	<0.0002	<0.04	----	<0.0005	----	<0.05	<0.1	----
MW-8	11/18/2021	<0.05	0.00084	<0.01	0.81	<0.0001	<0.04	<0.02	<0.01	104	<0.06	<0.0002	0.38	43	**0.27**	<0.0002	<0.008	6.3	<0.0002	1150	<0.02	<0.02	----
MW-8	8/15/2022	<0.1	0.00788	<0.02	0.80	<0.00005	<0.04	<0.04	<0.02	68	0.83	<0.0001	0.36	27	**0.24**	<0.0002	<0.016	5.4	<0.0002	1100	<0.02	<0.04	----
MW-8	11/7/2022	<0.1	0.00533	<0.02	0.87	<0.0001	<0.04	0.00052	<0.02	70	0.86	<0.0002	0.37	28	**0.25**	<0.0002	<0.016	5.7	<0.0005	1160	<0.02	<0.04	----
MW-8	8/8/2023	<0.05	0.00096	0.012	0.90	<0.0001	<0.02	0.0003	0.01	66	0.87	<0.0002	0.45	27	**0.24**	<0.0002	<0.008	6.3	<0.0002	1160	<0.01	<0.02	----
MW-8	2/17/2025	<0.07	0.00026	0.01	0.426	0.000131	<0.1	0.00202	<0.01	337.0	0.85	<0.0001	0.518	346.0	0.113	<0.0002	0.0084	9.0	<0.0005	753	<0.01	<0.02	----
MW-11	5/31/2023	<0.05	0.00022	<0.01	0.48	<0.00005	<0.02	0.0001	<0.01	46	<0.06	<0.0001	0.17	29	<0.01	<0.0002	<0.008	3.3	0.0019	549	<0.01	<0.02	----
MW-12	11/15/2023	<0.05	0.00293	<0.01	0.93	<0.00025	<0.02	0.0008	<0.01	27	0.10	<0.0005	0.21	10.10	0.09	<0.0002	<0.008	4.5	<0.0005	973	<0.01	<0.02	----
MW-21	6/10/2024	<0.14	<0.0002	<0.02	0.68	<0.00005	<0.04	0.000139	<0.02	12.1	<0.12	<0.0001	0.25	8.43	<0.02	<0.0002	<0.016	2.8	<0.0002	920	<0.02	<0.04	----
MW-21	9/4/2024	<0.14	<0.0002	<0.02	0.637	<0.00005	<0.04	0.000103	<0.02	8.71	<0.12	<0.0001	0.24	6.06	<0.02	<0.0002	<0.016	2.2	<0.0002	857	<0.02	<0.04	----
MW-23	11/18/2024	<0.07	0.00122	<0.01	0.238	<0.00005	<0.02	0.000372	<0.01	20.4	0.395	<0.0001	0.10	8.45	0.02	<0.0002	<0.008	3.8	<0.0001	389	<0.01	<0.02	----
MW-23	6/11/2025	<0.07	0.00092	<0.01	0.374	0.000055	<0.02	0.00102	<0.01	31.3	0.667	<0.0001	0.17	15.70	0.03	<0.0002	<0.008	4.8	0.0198	593	<0.01	<0.02	
FIELD BLANK	12/2/2024	<0.07	<0.0002	<0.01	<0.03	<0.00005	<0.02	<0.00005	<0.01	0.13	<0.06	<0.0001	<0.008	<0.2	<0.01	<0.0002	<0.008	<0.5	<0.0001	<0.2	<0.01	<0.02	----
FIELD BLANK	3/3/2025	<0.07	<0.0002	<0.01	<0.03	<0.00005	<0.02	0.0002	<0.01	<0.1	<0.06	<0.0001	<0.008	<0.2	<0.01	<0.0002	<0.008	<0.5	<0.0001	0.43	<0.01	<0.02	----
FIELD BLANK	6/17/2025	<0.07	<0.0002	<0.01	0.097	<0.00005	<0.02	0.000198	<0.01	0.22	<0.06	<0.0001	<0.008	<0.2	<0.01	<0.0002	<0.008	<0.5	<0.0001	0.85	<0.01	<0.02	----
CDPHE Regulation 41 Table 3 Groundwater Quality Reference Standards (Agricultural Use)[1]		*5.00*	*0.1000*	*0.10*	*5.00*	*0.01000*	*0.10*	*0.05000*	*0.2*	----	*5.00*	*0.1000*	*2.50*	----	*0.20*	*0.0100*	*0.200*	----	*0.0200*	----	*0.10*	*2.00*	----

Notes:
- Concentration in bold indicate exceedance of the CDPHE Groundwater Quality Reference Standard for Agricultural Use as applicable to the facility.
- Underlined values exceeded the method hold time for analysis.
- The applicable facility standards established for boron (5.0 mg/L) and total dissolved solids (<10,000) are different than the CDPHE agricultural use standards; 0.75 mg/L and 1.5 x background, respectively.
- MW-5 has been dry since installation and initial monitoring on 7/14/2008
- 2020 Q2 monitoring not conducted due to COVID-19 restrictions.

DRAFT REPORT -NEEDS FINAL DSA REVIEW

DIANE SHORT & ASSOCIATES, INC.
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Lakewood CO 80228
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INORGANIC DATA QUALITY REVIEW REPORT
METALS BY ICPMS, ICP, CVAA, WET CHEMISTRY AND SPECIAL METHODS

SDG	L95270, L95302, L95442
PROJECT	GCC Rio Grande – Second Quarter 2025, Resource Hydrogeologic Services and GCC, Pueblo CO
LABORATORY	ACZ Laboratories, Steamboat Springs, CO
SAMPLE MATRIX	Water SAMPLING DATE:
ANALYSES REQUESTED	EPA 200.7 (metals by ICP, dissolved), EPA 200.8 (metals by ICPMS, dissolved), EPA 245.1 (mercury, dissolved), SM4500F-C (Fluoride), M353.2 (nitrate + nitrite as nitrogen, nitrite as nitrogen, nitrate as nitrogen); SM2540C (total dissolved solids); D516-02/-07/-11 -Sulfate by turbidimetry; SM4500Cl-E (Chloride), SM 2320 B-2011 (Alkalinity)
SAMPLE NUMBER	MW-13, MW-14, MW-21, MW-22, MW-23, MW-2B, MW-10, MW-11, MW-12, MW-18, MW-19, MW-20, MW-3B, MW-6, MW-7, MW-8, MW-9

DATA REVIEWER: John Huntington

QA REVIEWER: Diane Short & Associates, Inc. INITIALS/DATE: ___ DLS ___

Telephone Logs included Yes____ No __X_
Contractual Violations Yes____ No __X_

The Contract Laboratory Program National Functional Guidelines for Inorganic Data Review 2016 (NFG) and the requested EPA Methods, Methods of Chemical Analysis of Water and Wastes (MCAWW) and Standard Methods (SM, current updates) have been referenced by the reviewer to perform this data validation review. The review includes evaluation of calibration, holding times and Quality Control (QC) for all samples; and 10% review of transcription and calculation algorithms from the raw data. Determining the exact analytical sequence was performed to verify that the frequencies of QC sample analyses were met, where applicable, on 10% of the data. General comments regarding the data/analytical quality are part of the review when raw data are submitted. The reports use Diane Short & Associates (DSA) validation qualifiers in the text and tables that include the compilation of the reasons for qualification and the associated values, as defined in each section for QC outliers. The United States Environmental Protection Agency (EPA) qualifiers have been provided. The DSA qualifiers, EPA qualifiers, and validation codes are included in the Electronic Data Deliverable (EDD). Note: those items in this report which have an asterisk (*) are specific to inductively coupled plasma-mass spectrometry (ICP-MS) and may include inductively coupled plasma-atomic emission spectroscopy (ICP-AES) as applicable.

DRAFT REPORT -NEEDS FINAL DSA REVIEW

I. DELIVERABLES

All deliverables were present as specified in the Statement of Work (SOW), SW-846, or in the project contract. This includes the Case Narrative.

Yes X No _____

Data were submitted for EPA 200.7 (16 metals by ICP, dissolved), EPA 200.8 (4 metals by ICPMS, dissolved), EPA 245.1 (mercury, dissolved), SM4500F-C (Fluoride), M353.2 (nitrate + nitrite as nitrogen, nitrite as nitrogen, nitrate as nitrogen); SM2540C (total dissolved solids); D516-02/-07/-11 -Sulfate by turbidimetry; SM4500Cl-E (Chloride), SM 2320 B-2011 (Alkalinity). Note that for these SDGs, pH was not requested.

The data were validated at EPA Level III (EPA Stage 2B) with a minimum of 10% validated as EPA raw data review).

The laboratory has reported detections to the MDL and has flagged results between the MDL and the PQL with a "B". This is noted because many laboratories use "J" instead of "B" for this purpose, so the meaning of this flag needs to be kept in mind when reviewing the data. The definition of lab flags is provided in the report in the Inorganic Reference section.

II. ANALYTICAL REPORT FORMS

A. The Analytical Report or Data Sheets are present and complete for all requested analyses.

Yes X No _____

B. Holding Times

1. The contract holding times were met for all analyses (time of sample receipt to date of analysis).

Yes X No _____ N/A _____

Data are qualified from date of collection to analysis, as presented in the next section.

2. The method holding times were met for all analyses (time of sample collection to date of analysis per the holding times in the project QAPP).

Yes X No _____

The method holding times were met for all analyses.
No qualifiers added due to holding times.

3. Samples were properly preserved to pH < 2 for metals, and applicable preservative was used for other methods.

Yes X No _____ N/A _____

C. Chains of Custody (COC)

Chains of Custody (COC) were reviewed and all fields were complete, signatures were present, and cross outs were clean and initialed.

Yes X No _____

All sample analyses were sent under a COC to ACZ Labs, Steamboat Springs, CO.

Preservation: SDG L95270 was received at 19.4 degrees C, which is 13.4 degrees above the EPA acceptance limit. SDG L95302 was received at 9.9 degrees C, which is 3.9 degrees above the EPA acceptance limit. For metals, chloride, and fluoride, there are no regulatory temperature specifications, and no qualifiers are required for those methods due to the elevated receipt temperature. However, for the other methods 40CFR Part 165 Table II

specifies that sampled be maintained at a temperature below 6 degrees C. For this reason, impacted samples are qualified as JT#, where # is the difference between the received temperature and 6 degrees.

From a technical perspective it is not likely that these temperature deviations would have a major impact on results, since samples were received no more than one day from sampling.

III. CALIBRATION AND STANDARDIZATION

1. Initial calibration, mass calibration, and resolution checks for both low and high mass isotopes were within 0.1 atomic mass unit (amu) of the true value. (*)

Yes X No _____
All requisite instrument tuning or performance measures were done according to the method requirements. (*).

US EPA Tune Check Sample reports were provided in the raw data and reports indicated the tunes passed in all cases.

2. Mass calibration and resolution checks for both low and high mass isotopes produced a peak width of approximately 0.6 to 0.9 amu at 10% peak height. (*)

Yes X No _____

3. Instrument Stability

A tuning solution was analyzed a minimum of four times, and the relative standard deviation (RSD) of absolute signals for all analytes was less than 5%. (*)

Yes X No _____

B. Instrument Performance and Calibration Standards

1. The Initial Calibration Verification (ICV) standard was within the required control limits of ± 10% of the established value for all analytes. (80 – 120% for mercury, 85 – 115% for Se species)

Yes X No _____

2. The Continuing Calibration Verification (CCV) standards were analyzed at the required frequency following every 10 analyses.

Yes X No _____
Sequencing was performed to verify that the frequencies were met for client samples and for proper application of the qualifiers.

3. The CCV standard percent recovery results were within the required control limits of 90 – 110% (80 – 120 % for mercury, 75 – 125% for Se species)

Yes X No _____
All CCVs were within criteria.

4. The correlation coefficients met the ≥ 0.995 criterion, as applicable to the method for mercury.

Yes X No _____

IV. CONTRACT REQUIRED DETECTION LIMIT (CRDL) STANDARDS

1. The 2x CRDL standards were analyzed for metals as required in the QAPP.

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Yes X No _____ N/A _____

A CRDL check is not required for Method 200.8. However, the laboratory initial calibration run each day has a low-level standard that is very near the reporting limit. This meets method requirements. The 200.7 method does include an RL Check standard that meets criteria.

2. The 2x CRDL standards were within the required control limits of 70 – 130% (ICP: 50 – 150% for Lead, Antimony, and Thallium; ICPMS: 50 – 150% for Cobalt, Manganese, and Zinc).

Yes X No _____

All CRDLs were within criteria.

V. INTERFERENCES

Isobaric Elemental and Molecular Interferences (* for ICP-MS)

The isotope selected was free of isobaric elemental and elemental interferences as measured by the Interference Check Sample Solutions A and AB (ICSA/ICSAB) for ICP-AES and ICP-MS.

Yes X No _____

Data are only qualified if the interfering analyte is present in the sample and at levels near the high end of the linear range of the instrument. For Method 200.7, the recovery of the spectral interference check standard (SIC) is reported in the QC as a recovery for each element analyzed. All are in control. Method 200.8 does not specify the use of interference check standards. The laboratory has used collision deactivation and accepted reagent gas technology to minimize interference for ICP/MS.

VI. LABORATORY REAGENT BLANK (LRB) OR PREPARATION BLANK

A. Blanks were prepared and analyzed at the required frequency of at least one per each set of samples.

Yes X No _____

The ICB is used as the method blank for metals. This is acceptable since no digestion was performed on the samples prior to analysis.

B. All analytes in the blank were less than the MDL.

Yes _____ No X

Analytes reported as contaminants in the Preparation Blank are qualified with the DSA qualifier "UMB#," where # is the value of the associated blank. Only detected data less than 10x the blank for metals or 5x the blank for other analyses are qualified. Such data are fully usable as non-detected values at the reported concentration or elevated reporting limit. The alkalinity method blank has low detections in all SDGS. In SDG L95442, the MW-3B sample (a field blank) has a detection very similar to the associated method blank levels and is qualified as UMB13, indicating that it should be regarded as a non-detect. In all other samples, the alkalinity results are greater than 5 times the laboratory preparation blank and no qualifiers are required.

CLIENTID	LABID	ANALYTE	RESULT (mg/L)	Lab flag	MDL	PQL	DSA	EPA
MW-3B	L95442-11	Total Alkalinity	11.9	B	2	20	UMB13	UB

No other analytes require qualification for preparation blank contamination. Note that that in metals analysis, a formal preparation blank is only used for mercury. The other metals are direct injection of sample and preparation is not performed ICBs and CCBs serve the same function. This is acceptable per method.

C. The source of contamination was corrected, and the samples were reanalyzed.

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Yes _____ No _____ N/A X

VII. CALIBRATION BLANKS

The highest blank associated with any particular analyte is used for the qualification process and is the value entered after the DSA "B" blank-qualifier descriptor.

A. Calibration Blanks were prepared and analyzed at the required frequency after each set of 10 samples as required by the method.

Yes X No _____
Sequencing was required to verify association with client samples.

B. The Calibration Blank results were within the required control limits or did not require data qualification.

Yes _____ No X N/A _____
Analytes reported as contaminants in the Calibration Blanks are qualified with the DSA qualifier "UCB#," where # is the value of the blank. Such data are fully usable as non-detected values at the reported concentration or elevated reporting limit. Only detected data less than 10 × blank for metals and 5 × blank for other analyse are qualified.

For metals analysis, ICBs and/or CCBs have some detections. Qualifiers required are in the table below and in the qualified EDDs.

CLIENTID	LABID	ANALYTE	RESULT (mg/L)	Lab flag	MDL	PQL	DSA	EPA
MW-3B	L95442-11	Total Alkalinity	11.9	B	2	20	UMB13	UB
MW-14	L95270-01	Copper, dissolved	0.051	B	0.05	0.25	UCB0.011	UB
MW-20	L95442-01	Cobalt, dissolved	0.000349		0.00005	0.00025	UCB0.000065	UB
MW-19	L95442-02	Cobalt, dissolved	0.000262		0.00005	0.00025	UCB0.000065	UB
MW-12	L95442-03	Cobalt, dissolved	0.000483		0.00005	0.00025	UCB0.000065	UB
MW-11	L95442-04	Cobalt, dissolved	0.000470		0.00005	0.00025	UCB0.000065	UB
MW-8	L95442-07	Cobalt, dissolved	0.000490		0.00005	0.00025	UCB0.000065	UB
MW-3B	L95442-11	Calcium, dissolved	0.22	B	0.1	0.5	UCB0.15	UB

C. Field, decon rinse or other Field Blanks are contained and identified in the package.

Yes X No _____ N/A _____
The MW-3B field sample is a field blank. The results for the field blank are used to evaluate associated samples (those taken on the same day) after qualification of the field blank for associated method blank contamination.

D. The reported results for the Field Blanks are less than the CRDL or less than the MDL, whichever is lower.

Yes X No _____ N/A _____

There are several detections in the field blank. Cobalt and boron required qualifiers for some samples due to field blank contamination as shown in the table below.

CLIENTID	LABID	ANALYTE	RESULT (mg/L)	Lab Flag	MDL	PQL	DSA	EPA
MW-10	L95442-08	Cobalt, dissolved	0.000299		0.00005	0.00025	UFB0.0002	UB
MW-9	L95442-09	Cobalt, dissolved	0.00163		0.00005	0.00025	UFB0.0002	UB
MW-18	L95442-10	Cobalt, dissolved	0.000557		0.00005	0.00025	UFB0.0002	UB
MW-20	L95442-01	Boron, dissolved	0.835		0.06	0.2	UFB0.097	UB
MW-19	L95442-02	Boron, dissolved	0.489	B	0.15	0.5	UFB0.097	UB
MW-12	L95442-03	Boron, dissolved	0.912		0.06	0.2	UFB0.097	UB
MW-11	L95442-04	Boron, dissolved	0.479		0.06	0.2	UFB0.097	UB
MW-6	L95442-05	Boron, dissolved	0.375	B	0.15	0.5	UFB0.097	UB
MW-7	L95442-06	Boron, dissolved	0.345	B	0.15	0.5	UFB0.097	UB
MW-8	L95442-07	Boron, dissolved	0.880		0.06	0.2	UFB0.097	UB
MW-18	L95442-10	Boron, dissolved	0.763		0.03	0.1	UFB0.097	UB

VIII. INTERNAL STANDARD RESPONSES (*)

A. A minimum of three internal standards were present in all standards and blanks at identical levels.

Yes X No _____

B. The absolute response of each internal standard (IS) was within the required EPA control limits of 60 – 125%.

Yes X No _____
For the analytes reported.

C. Dilutions were performed as required by the method to minimize errors if the internal standard analyte is naturally present in a sample.

Yes _____ No _____ N/A X

D. If not, the appropriate test procedures were performed, and the required corrections made.

Yes _____ No _____ N/A X

IX. MATRIX SPIKES

A. Matrix Spike and Matrix Spike Duplicate (MS/MSD) samples were prepared and analyzed at one per every 20 or fewer samples for each matrix and each sampling event per day as required.

Yes X No _____
Matrix spikes, duplicates, and matrix spike duplicates were present (note that for most metals on this project these

are post-spikes since analysis is by direct injection with no separate preparation step). For wet chemistry, a matrix spike and a matrix duplicate are analyzed. The project manager will determine if the project frequency is met for these methods. Matrix spikes associated with this set of data are shown in the table below. It is recommended that the client collect Representative samples for each method and designate them to the laboratory to be used for the MS/MSDs. As these samples are collected quarterly, only 1 QC sample per method would be required per year.

Spiked Sample - L95270	**Methods**
MW-13	EPA 245.1 (mercury)
Spiked Sample - L95302	
MW-2B	EPA 200.7
MW-23	EPA 200.8
MW-21	SM 4500-Cl E-2011, SM 4500-F C-2011
Spiked Sample - L95442	
MW-18	EPA 200.7
MW-6	EPA 200.8
MW-3B (invalid, 3B is field blank)	SM 4500-Cl E-2011
MW-19	EPA 245.1 (mercury)
MW-11	EPA 353.2

B. The MS/MSD percent recoveries were within the required control limits of 75 – 125%.

Yes _____ No __X__ N/A _____

When matrix spikes are present, associated data are qualified with the DSA qualifier JMS#, where # is the value of the %R for the associated MS or MSD. Data may be biased high or low proportional to the spike recovery. The laboratory 'flags' data as M1 whether they are > 4x spike or within the qualifying limits. The laboratory flags are not recommended for use in evaluating the data as MS/MSD recoveries are not used for qualification of data if the result in the parent sample is > 4x the spike. Non-detected data are not qualified for high spikes. Only those MS/MSDs with parent samples in these projects are considered.

For some methods, such as Method 300.0 and Method 353.2, the laboratory uses a recovery window of 90-110%. Results are only qualified if the recoveries are outside the window specified above.

Selenium recovered high in the MS/MSD of sample MW-6 in SDG L95442. The sample is reported as a non-detect for selenium and no qualifier is required.

C. A Post Digestion Spike was prepared and analyzed if required.

Yes _____ No _____ N/A __X__

Not required in this case.

D. The MS/MSD samples were client samples.

Yes __X__ No _____

MS/MSD analyses were also performed on client samples from other SDGs but are not pertinent for qualification. A chloride spike was run on MW-3B, which is a field blank. This spike is not evaluated.

X. MATRIX DUPLICATE

A. Matrix Duplicate samples were prepared and analyzed per every 20 samples for each matrix.

Yes X No _____

Lab duplicates are present for Nitrate, nitrite, chloride, alkalinity, TDS, and sulfate. Some of these are associated with other SDGs and are not evaluated here. Matrix duplicates and MS/MSD RPDS are in control.

Parent Sample SDG **L95270**	Methods
None	
Parent Sample SDG **L95302**	
MW-2B	SM 2320 B-2011
Parent Sample SDG **L95442**	
MW-10	SM 2320 B-2011
MW-6	EPA 353.2
MW-12	SM 2540 C-2011

B. The MS/MSD or MD relative percent difference (RPD) values were within the required control limit of ≤ 20 RPD for water samples or ≤ 35% RPD for soil samples. If either of the MD results is less than 5x RL, the RPD is not used. In that case the difference between the results is evaluated and the QC limit is the difference between the original and the duplicate results (± 1x RL for water samples or ± 2x RL for soil samples). If the parent sample result is greater than 4 x the spike concentration, the MS/MSD is not evaluated. Only detected results are qualified for MS/MSD RPD outliers. Only those MS/MSDs with parent samples in these projects are considered.

Yes X No _____

Data are qualified with the DSA qualifier JD#, where # is the value of the RPD for the associated MD or MS/MSD analyses, when there are outliers. In this case there are no qualifiers.

XI. LABORATORY CONTROL SAMPLE

A. Laboratory Control Samples (LCS) were prepared and analyzed per every 20 samples for each matrix.

Yes X No _____

B. The LCS recoveries were within the required control limits of 80 – 120% for metals and for wet chemistry analyses 85 – 115% .

Yes X No _____

All LCS analyses were within criteria.

XII. FIELD QC

A. Field QC samples were identified.

Yes X No _____

Sample MW-2B is a blind duplicate of sample MW-23.

B. Field duplicates were within the guidance limit of < 30% RPD for water samples or < 50% RPD for soil samples. If values are less than 5x RL, the water limit is ± 1x RL or the soil limit is ± 2x RL.

Yes X No _____ N/A _____

XIII. SERIAL DILUTION

A. Serial Dilutions were analyzed for every 20 samples if the analyte concentrations were greater than 50x IDL.

Yes _____ No _____ N/A __X__
Analyte concentrations are too low to require serial dilutions.

B. The percent difference (% D) criteria of ± 10% were met.

Yes _____ No _____ N/A __X__
When outliers are present, data are qualified with the DSA qualifier JE#, where # is the %D. Data could be biased, usually high, due to non-linear matrix or chemical effects.

XIV. CALCULATIONS

A. Data calculations were checked when required, and significant figures were correctly reported.

Yes __X__ No _____
Over 25% of the data were checked from the raw data to the EDD values for each method and each SDG.

B. Appropriate dilution factors were applied to the calculated sample concentrations.

Yes __X__ No _____

C. Data were acceptable for the total versus dissolved and the cation/ anion balance.
Yes _X__ No ___NA_____
Total metals were not requested, so the total vs dissolved check cannot be performed. The cation-anion balance and calculated TDS are performed and are in control. These parameters are not evaluated for the field blank, since the levels of cations, anions, and TDS are too low to give meaningful comparisons.

XV. OVERALL ASSESSMENT OF THE CASE

The laboratory has complied with the requested methods and the data is considered fully useable for project purposes with consideration of the following qualifications or comments.

Data were submitted for EPA 200.7 (16 metals by ICP, dissolved), EPA 200.8 (4 metals by ICPMS, dissolved), EPA 245.1 (mercury, dissolved), SM4500F-C (Fluoride), M353.2 (nitrate + nitrite as nitrogen, nitrite as nitrogen, nitrate as nitrogen); SM2540C (total dissolved solids); D516-02/-07/-11 -Sulfate by turbidimetry; SM4500Cl-E (Chloride), SM 2320 B-2011 (Alkalinity). Note that for these SDGs, pH was not requested.

The data were validated at EPA Level III (EPA Stage 2B) with a minimum of 10% validated as EPA raw data review).

The laboratory has reported detections to the MDL and has flagged results between the MDL and the PQL with a "B". This is noted because many laboratories use "J" instead of "B" for this purpose, so the meaning of this flag needs to be kept in mind when reviewing the data. The definition of lab flags is provided in the report in the Inorganic Reference section.

<u>Chain of Custody and Sample Preservation</u>
All sample analyses were sent under a COC to ACZ Labs, Steamboat Springs, CO.

Preservation: SDG L95270 was received at 19.4 degrees C, which is 13.4 degrees above the EPA acceptance limit. SDG L95302 was received at 9.9 degrees C, which is 3.9 degrees above the EPA acceptance limit. For metals, chloride, and fluoride, there are no regulatory temperature specifications, and no qualifiers are required for

those methods due to the elevated receipt temperature. However, for the other methods 40CFR Part 165 Table II specifies that sampled be maintained at a temperature below 6 degrees C. For this reason, impacted samples are qualified as JT#, where # is the difference between the received temperature and 6 degrees.

From a technical perspective it is not likely that these temperature deviations would have a major impact on results, since samples were received no more than one day from sampling.

Holding Times

The method holding times were met for all analyses. No qualifiers added due to holding times.

Method Blanks

Analytes reported as contaminants in the Preparation Blank are qualified with the DSA qualifier "UMB#," where # is the value of the associated blank. Only detected data less than 10x the blank for metals or 5x the blank for other analyses are qualified. Such data are fully usable as non-detected values at the reported concentration or elevated reporting limit. The alkalinity method blank has low detections in all SDGS. In SDG L95442, the MW-3B sample (a field blank) has a detection very similar to the associated method blank levels and is qualified as UMB13, indicating that it should be regarded as a non-detect. In all other samples, the alkalinity results are greater than 5 times the laboratory preparation blank and no qualifiers are required.

CLIENTID	LABID	ANALYTE	RESULT (mg/L)	Lab flag	MDL	PQL	DSA	EPA
MW-3B	L95442-11	Total Alkalinity	11.9	B	2	20	UMB13	UB

No other analytes require qualification for preparation blank contamination. Note that that in metals analysis, a formal preparation blank is only used for mercury. The other metals are direct injection of sample and preparation is not performed ICBs and CCBs serve the same function. This is acceptable per method.

Initial and Continuing Calibration Blanks

Analytes reported as contaminants in the Calibration Blanks are qualified with the DSA qualifier "UCB#," where # is the value of the blank. Such data are fully usable as non-detected values at the reported concentration or elevated reporting limit. Only detected data less than 10 × blank for metals and 5 × blank for other analyse are qualified.

For metals analysis, ICBs and/or CCBs have some detections. Qualifiers required are in the table within the CCB section of this report and in the qualified EDDs.

Field Blanks

There are several detections in the field blank. Cobalt and boron required qualifiers for some samples due to field blank contamination as shown in the table in the field blank section of this report.

Matrix Spikes, Matrix Spike Duplicates, and Matrix Duplicates

Matrix spikes, duplicates, and matrix spike duplicates were present (note that for most metals on this project these are post-spikes since analysis is by direct injection with no separate preparation step). For wet chemistry, a matrix spike and a matrix duplicate are analyzed. The project manager will determine if the project frequency is met for these methods. Matrix spikes associated with this set of data are shown in the table below. It is recommended that the client collect Representative samples for each method and designate them to the laboratory to be used for the MS/MSDs. As these samples are collected quarterly, only 1 QC sample per method would be required per year.

Spiked Sample - L95270	**Methods**
MW-13	EPA 245.1 (mercury)
Spiked Sample - L95302	
MW-2B	EPA 200.7
MW-23	EPA 200.8
MW-21	SM 4500-Cl E-2011, SM 4500-F C-2011
Spiked Sample - L95442	
MW-18	EPA 200.7
MW-6	EPA 200.8
MW-3B (invalid, 3B is field blank)	SM 4500-Cl E-2011
MW-19	EPA 245.1 (mercury)
MW-11	EPA 353.2

Selenium recovered high in the MS/MSD of sample MW-6 in SDG L95442. The sample is reported as a non-detect for selenium and no qualifier is required.
MS/MSD analyses were also performed on client samples from other SDGs but are not pertinent for qualification.
A chloride spike was run on MW-3B, which is a field blank. This spike is not evaluated.

Lab duplicates are present for Nitrate, nitrite, chloride, alkalinity, TDS, and sulfate. Some of these are associated with other SDGs and are not evaluated here. Matrix duplicates and MS/MSD RPDS are in control.

Parent Sample SDG **L95270**	Methods
None	
Parent Sample SDG **L95302**	
MW-2B	SM 2320 B-2011
Parent Sample SDG **L95442**	
MW-10	SM 2320 B-2011
MW-6	EPA 353.2
MW-12	SM 2540 C-2011

Field QC
Sample MW-2B is a blind duplicate of sample MW-23. All field duplicate criteria are met.

Cation-Anion Balance and Calculated TDS
Total metals were not requested, so the total vs dissolved check cannot be performed. The cation-anion balance and calculated TDS are performed and are in control. These parameters are not evaluated for the field blank, since the levels of cations, anions, and TDS are too low to give meaningful comparisons.

TABLE OF QUALIFIED DATA

CLIENTID	LABID	ANALYTE	RESULT	Lab Flag	UNITS	MDL	PQL	DSA	EPA
MW-14	L95270-01	Bicarbonate as CaCO3	1320		mg/L	2	20	JT13.4	J-
MW-13	L95270-02	Bicarbonate as CaCO3	1130		mg/L	2	20	JT13.4	J-

DRAFT REPORT -NEEDS FINAL DSA REVIEW

CLIENTID	LABID	ANALYTE	RESULT	Lab Flag	UNITS	MDL	PQL	DSA	EPA
MW-21	L95302-01	Bicarbonate as CaCO3	760		mg/L	2	20	JT3.9	J-
MW-22	L95302-02	Bicarbonate as CaCO3	819		mg/L	2	20	JT3.9	J-
MW-23	L95302-03	Bicarbonate as CaCO3	877		mg/L	2	20	JT3.9	J-
MW-2B	L95302-04	Bicarbonate as CaCO3	907		mg/L	2	20	JT3.9	J-
MW-20	L95442-01	Boron, dissolved	0.835		mg/L	0.06	0.2	UFB0.097	UB
MW-19	L95442-02	Boron, dissolved	0.489	B	mg/L	0.15	0.5	UFB0.097	UB
MW-12	L95442-03	Boron, dissolved	0.912		mg/L	0.06	0.2	UFB0.097	UB
MW-11	L95442-04	Boron, dissolved	0.479		mg/L	0.06	0.2	UFB0.097	UB
MW-6	L95442-05	Boron, dissolved	0.375	B	mg/L	0.15	0.5	UFB0.097	UB
MW-7	L95442-06	Boron, dissolved	0.345	B	mg/L	0.15	0.5	UFB0.097	UB
MW-8	L95442-07	Boron, dissolved	0.880		mg/L	0.06	0.2	UFB0.097	UB
MW-18	L95442-10	Boron, dissolved	0.763		mg/L	0.03	0.1	UFB0.097	UB
MW-3B	L95442-11	Calcium, dissolved	0.22	B	mg/L	0.1	0.5	UCB0.15	UB
MW-14	L95270-01	Carbonate as CaCO3	94.3		mg/L	2	20	JT13.4	J-
MW-13	L95270-02	Carbonate as CaCO3	106		mg/L	2	20	JT13.4	J-
MW-21	L95302-01	Carbonate as CaCO3	85.7		mg/L	2	20	JT3.9	J-
MW-22	L95302-02	Carbonate as CaCO3	76.1		mg/L	2	20	JT3.9	J-
MW-23	L95302-03	Carbonate as CaCO3	91.3		mg/L	2	20	JT3.9	J-
MW-2B	L95302-04	Carbonate as CaCO3	49.6		mg/L	2	20	JT3.9	J-
MW-20	L95442-01	Cobalt, dissolved	0.000349		mg/L	0.00005	0.00025	UCB0.000065	UB
MW-19	L95442-02	Cobalt, dissolved	0.000262		mg/L	0.00005	0.00025	UCB0.000065	UB
MW-12	L95442-03	Cobalt, dissolved	0.000483		mg/L	0.00005	0.00025	UCB0.000065	UB
MW-11	L95442-04	Cobalt, dissolved	0.000470		mg/L	0.00005	0.00025	UCB0.000065	UB
MW-8	L95442-07	Cobalt, dissolved	0.000490		mg/L	0.00005	0.00025	UCB0.000065	UB
MW-10	L95442-08	Cobalt, dissolved	0.000299		mg/L	0.00005	0.00025	UFB0.0002	UB
MW-9	L95442-09	Cobalt, dissolved	0.00163		mg/L	0.00005	0.00025	UFB0.0002	UB
MW-18	L95442-10	Cobalt, dissolved	0.000557		mg/L	0.00005	0.00025	UFB0.0002	UB
MW-14	L95270-01	Copper, dissolved	0.051	B	mg/L	0.05	0.25	UCB0.011	UB
MW-14	L95270-01	Hydroxide as CaCO3		U	mg/L	2	20	UJT13.4	J-
MW-13	L95270-02	Hydroxide as CaCO3		U	mg/L	2	20	UJT13.4	J-
MW-21	L95302-01	Hydroxide as CaCO3		U	mg/L	2	20	UJT3.9	J-
MW-22	L95302-02	Hydroxide as CaCO3		U	mg/L	2	20	UJT3.9	J-
MW-23	L95302-03	Hydroxide as CaCO3		U	mg/L	2	20	UJT3.9	J-
MW-2B	L95302-04	Hydroxide as CaCO3		U	mg/L	2	20	UJT3.9	J-
MW-14	L95270-01	Nitrate/Nitrite as N	0.033	B	mg/L	0.02	0.1	JT13.4	J-
MW-13	L95270-02	Nitrate/Nitrite as N		U	mg/L	0.02	0.1	UJT13.4	J-
MW-21	L95302-01	Nitrate/Nitrite as N		U	mg/L	0.02	0.1	UJT3.9	J-
MW-22	L95302-02	Nitrate/Nitrite as N	23.4		mg/L	0.3	1.5	JT3.9	J-
MW-23	L95302-03	Nitrate/Nitrite as N	2.90		mg/L	0.02	0.1	JT3.9	J-
MW-2B	L95302-04	Nitrate/Nitrite as N	3.38		mg/L	0.02	0.1	JT3.9	J-
MW-14	L95270-01	Nitrite as N		U	mg/L	0.01	0.05	UJT13.4	J-
MW-13	L95270-02	Nitrite as N	0.023	B	mg/L	0.01	0.05	JT13.4	J-
MW-21	L95302-01	Nitrite as N		U	mg/L	0.01	0.05	UJT3.9	J-
MW-22	L95302-02	Nitrite as N	0.664		mg/L	0.01	0.05	JT3.9	J-
MW-23	L95302-03	Nitrite as N	0.048	B	mg/L	0.01	0.05	JT3.9	J-
MW-2B	L95302-04	Nitrite as N	0.059		mg/L	0.01	0.05	JT3.9	J-
MW-14	L95270-01	Residue, Filterable (TDS) @180C	4410		mg/L	40	80	JT13.4	J-
MW-13	L95270-02	Residue, Filterable (TDS) @180C	2650		mg/L	40	80	JT13.4	J-
MW-21	L95302-01	Residue, Filterable (TDS) @180C	2510		mg/L	20	40	JT3.9	J-
MW-22	L95302-02	Residue, Filterable (TDS) @180C	3230		mg/L	20	40	JT3.9	J-
MW-23	L95302-03	Residue, Filterable (TDS) @180C	1740		mg/L	20	40	JT3.9	J-

DRAFT REPORT -NEEDS FINAL DSA REVIEW

CLIENTID	LABID	ANALYTE	RESULT	Lab Flag	UNITS	MDL	PQL	DSA	EPA
MW-2B	L95302-04	Residue, Filterable (TDS) @180C	1760		mg/L	40	80	JT3.9	J-
MW-14	L95270-01	Sulfate	184		mg/L	5	25	JT13.4	J-
MW-13	L95270-02	Sulfate	292		mg/L	25	125	JT13.4	J-
MW-21	L95302-01	Sulfate	1090		mg/L	50	250	JT3.9	J-
MW-22	L95302-02	Sulfate	394		mg/L	25	125	JT3.9	J-
MW-23	L95302-03	Sulfate	355		mg/L	25	125	JT3.9	J-
MW-2B	L95302-04	Sulfate	366		mg/L	25	125	JT3.9	J-
MW-14	L95270-01	Total Alkalinity	1410		mg/L	2	20	JT13.4	J-
MW-13	L95270-02	Total Alkalinity	1240		mg/L	2	20	JT13.4	J-
MW-21	L95302-01	Total Alkalinity	846		mg/L	2	20	JT3.9	J-
MW-22	L95302-02	Total Alkalinity	895		mg/L	2	20	JT3.9	J-
MW-23	L95302-03	Total Alkalinity	969		mg/L	2	20	JT3.9	J-
MW-2B	L95302-04	Total Alkalinity	956		mg/L	2	20	JT3.9	J-
MW-3B	L95442-11	Total Alkalinity	11.9	B	mg/L	2	20	UMB13	UB

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250731-1314032001-18410416374	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 31, 2025 10:22:11 AM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-5
Water present to measure/sample?	No
Is the water present within 0.25 feet of the well TD?	No
Dry Well	Yes

SAMPLING DETAILS

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226216	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 11:55:41 AM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-6
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.52
Static Depth to Water (ft)	31.02
Well Total Depth (ft below top of casing)	56.4
Depth to Water below ground Surface (ft)	28.50
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Cloudy
Air Temperature (°F)	71
Date	Jun 17, 2025
Time	10:51:00 AM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 10:50:00 AM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 10:57:00 AM MDT
Flow Rate (gpm) #1	0.04
Calculated Purge Volume (gal) #1	0.28
Sample Temperature (°C)	17.07
Specific Conductivity (µS/cm)	5194.67

pH (S.U.)	6.99
Oxygen Reduction Potential (mV)	225.90
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 11:00:00 AM MDT
Flow Rate (gpm) #2	0.04
Sample Temperature (°C)	16.92
Specific Conductivity (µS/cm)	5189.98
pH (S.U.)	6.98
Oxygen Reduction Potential (mV)	260.99
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 11:03:00 AM MDT
Flow Rate (gpm) #3	0.04
Sample Temperature (°C)	16.95
Specific Conductivity (µS/cm)	5166.48
pH (S.U.)	6.97
Oxygen Reduction Potential (mV)	242.58
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	31.04
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.04
Total Purged (gal)	0.70
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-6 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-6
Sample Date/Time	Jun 17, 2025 11:03:00 AM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226220	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 12:32:43 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-7
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.66
Static Depth to Water (ft)	30.86
Well Total Depth (ft below top of casing)	56.1
Depth to Water below ground Surface (ft)	28.20
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Cloudy
Air Temperature (°F)	73
Date	Jun 17, 2025
Time	11:13:00 AM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 11:17:00 AM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 11:26:00 AM MDT
Flow Rate (gpm) #1	0.04
Calculated Purge Volume (gal) #1	0.36
Sample Temperature (°C)	17.36
Specific Conductivity (µS/cm)	5677.65

pH (S.U.)	7.06
Oxygen Reduction Potential (mV)	268.38
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	2.37
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 11:29:00 AM MDT
Flow Rate (gpm) #2	0.04
Sample Temperature (°C)	17.26
Specific Conductivity (µS/cm)	5622.32
pH (S.U.)	7.03
Oxygen Reduction Potential (mV)	283.87
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	2.18
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 11:32:00 AM MDT
Flow Rate (gpm) #3	0.04
Sample Temperature (°C)	16.96
Specific Conductivity (µS/cm)	5495.19
pH (S.U.)	7.01
Oxygen Reduction Potential (mV)	300.51
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.69

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	30.87
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.04
Total Purged (gal)	0.60
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-7 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-7
Sample Date/Time	Jun 17, 2025 11:32:00 AM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226224	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 1:00:36 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-8
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.16
Static Depth to Water (ft)	30.00
Well Total Depth (ft below top of casing)	65.65
Depth to Water below ground Surface (ft)	27.84
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Cloudy
Air Temperature (°F)	73
Date	Jun 17, 2025
Time	11:47:00 AM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 11:49:00 AM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 11:59:00 AM MDT
Flow Rate (gpm) #1	0.03
Calculated Purge Volume (gal) #1	0.30
Sample Temperature (°C)	16.34
Specific Conductivity (µS/cm)	4821.21

pH (S.U.)	7.26
Oxygen Reduction Potential (mV)	115.15
Dissolved Oxygen (mg/L)	1.98
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 12:02:00 PM MDT
Flow Rate (gpm) #2	0.03
Sample Temperature (°C)	16.33
Specific Conductivity (µS/cm)	4828.53
pH (S.U.)	7.26
Oxygen Reduction Potential (mV)	124.97
Dissolved Oxygen (mg/L)	1.95
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 12:05:00 PM MDT
Flow Rate (gpm) #3	0.03
Sample Temperature (°C)	16.52
Specific Conductivity (µS/cm)	4821.24
pH (S.U.)	7.25
Oxygen Reduction Potential (mV)	129.39
Dissolved Oxygen (mg/L)	1.91

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	34.56
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.03
Total Purged (gal)	0.50
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-8 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-8
Sample Date/Time	Jun 17, 2025 12:05:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1

Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226226	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 1:28:23 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-9
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.08
Static Depth to Water (ft)	26.90
Well Total Depth (ft below top of casing)	42.23
Depth to Water below ground Surface (ft)	24.82
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Raining
Air Temperature (°F)	73
Date	Jun 17, 2025
Time	2:19:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 2:19:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 2:25:00 PM MDT
Flow Rate (gpm) #1	0.05
Calculated Purge Volume (gal) #1	0.30
Sample Temperature (°C)	15.55
Specific Conductivity (µS/cm)	5262.08

pH (S.U.)	6.91
Oxygen Reduction Potential (mV)	335.35
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	2.07
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 2:28:00 PM MDT
Flow Rate (gpm) #2	0.05
Sample Temperature (°C)	15.58
Specific Conductivity (µS/cm)	5289.07
pH (S.U.)	6.89
Oxygen Reduction Potential (mV)	344.07
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.77
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 2:31:00 PM MDT
Flow Rate (gpm) #3	0.05
Sample Temperature (°C)	15.79
Specific Conductivity (µS/cm)	5279.51
pH (S.U.)	6.88
Oxygen Reduction Potential (mV)	350.49
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.40

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	28.47
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.05
Total Purged (gal)	0.60
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-9 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-9
Sample Date/Time	Jun 17, 2025 2:31:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226233	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 1:23:15 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-10
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.24
Static Depth to Water (ft)	26.48
Well Total Depth (ft below top of casing)	82.55
Depth to Water below ground Surface (ft)	24.24
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Cloudy
Air Temperature (°F)	69
Date	Jun 17, 2025
Time	1:46:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 1:48:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 2:04:00 PM MDT
Flow Rate (gpm) #1	0.04
Calculated Purge Volume (gal) #1	0.64
Sample Temperature (°C)	16.06
Specific Conductivity (µS/cm)	4118.97

pH (S.U.)	7.82
Oxygen Reduction Potential (mV)	336.40
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.68
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 2:07:00 PM MDT
Flow Rate (gpm) #2	0.04
Sample Temperature (°C)	15.97
Specific Conductivity (µS/cm)	4083.48
pH (S.U.)	7.83
Oxygen Reduction Potential (mV)	339.66
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.12
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 2:10:00 PM MDT
Flow Rate (gpm) #3	0.04
Sample Temperature (°C)	15.86
Specific Conductivity (µS/cm)	4070.09
pH (S.U.)	7.84
Oxygen Reduction Potential (mV)	343.26
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.86

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	31.40
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.04
Total Purged (gal)	0.75
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-10 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-10
Sample Date/Time	Jun 17, 2025 2:10:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226230	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 11:49:44 AM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-11
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.18
Static Depth to Water (ft)	53.87
Well Total Depth (ft below top of casing)	72.68
Depth to Water below ground Surface (ft)	51.69
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Partly Sunny
Air Temperature (°F)	73
Date	Jun 17, 2025
Time	10:12:00 AM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 10:13:00 AM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 10:27:00 AM MDT
Flow Rate (gpm) #1	0.03
Calculated Purge Volume (gal) #1	0.42
Sample Temperature (°C)	18.76
Specific Conductivity (µS/cm)	3287.77

pH (S.U.)	7.36
Oxygen Reduction Potential (mV)	-183.95
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.25
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 10:30:00 AM MDT
Flow Rate (gpm) #2	0.03
Sample Temperature (°C)	19.02
Specific Conductivity (µS/cm)	3274.93
pH (S.U.)	7.32
Oxygen Reduction Potential (mV)	-140.55
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.27
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 10:33:00 AM MDT
Flow Rate (gpm) #3	0.03
Sample Temperature (°C)	19.80
Specific Conductivity (µS/cm)	3272.82
pH (S.U.)	7.31
Oxygen Reduction Potential (mV)	-156.29
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.22

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	54.66
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.03
Total Purged (gal)	0.60
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-11 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-11
Sample Date/Time	Jun 17, 2025 10:33:00 AM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226207	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 11:42:39 AM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-12
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.29
Static Depth to Water (ft)	58.45
Well Total Depth (ft below top of casing)	88.8
Depth to Water below ground Surface (ft)	56.16
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Cloudy
Air Temperature (°F)	72
Date	Jun 17, 2025
Time	9:32:00 AM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 9:34:00 AM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 9:49:00 AM MDT
Flow Rate (gpm) #1	0.03
Calculated Purge Volume (gal) #1	0.45
Sample Temperature (°C)	17.53
Specific Conductivity (µS/cm)	4498.47

pH (S.U.)	7.77
Oxygen Reduction Potential (mV)	205.61
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.58
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 9:52:00 AM MDT
Flow Rate (gpm) #2	0.03
Sample Temperature (°C)	17.71
Specific Conductivity (µS/cm)	4496.17
pH (S.U.)	7.77
Oxygen Reduction Potential (mV)	242.94
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.49
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 9:55:00 AM MDT
Flow Rate (gpm) #3	0.03
Sample Temperature (°C)	18.17
Specific Conductivity (µS/cm)	4508.85
pH (S.U.)	7.77
Oxygen Reduction Potential (mV)	246.71
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.40

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	63.48
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.03
Total Purged (gal)	0.70
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-12 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-12
Sample Date/Time	Jun 17, 2025 9:55:00 AM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226215	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 16, 2025 4:05:17 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-13
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.19
Static Depth to Water (ft)	118.05
Well Total Depth (ft below top of casing)	177.88
Depth to Water below ground Surface (ft)	115.86
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Sunny
Air Temperature (°F)	83
Date	Jun 10, 2025
Time	1:11:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 10, 2025 1:14:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 10, 2025 1:37:00 PM MDT
Flow Rate (gpm) #1	0.03
Calculated Purge Volume (gal) #1	0.69
Sample Temperature (°C)	19.50
Specific Conductivity (µS/cm)	4185.70

pH (S.U.)	7.90
Oxygen Reduction Potential (mV)	612.41
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 10, 2025 1:40:00 PM MDT
Flow Rate (gpm) #2	0.03
Sample Temperature (°C)	19.85
Specific Conductivity (µS/cm)	4147.55
pH (S.U.)	7.92
Oxygen Reduction Potential (mV)	615.35
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 10, 2025 1:43:00 PM MDT
Flow Rate (gpm) #3	0.03
Sample Temperature (°C)	19.90
Specific Conductivity (µS/cm)	4135.43
pH (S.U.)	7.93
Oxygen Reduction Potential (mV)	615.49
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	117.44
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.03
Total Purged (gal)	1.30
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-13 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-13
Sample Date/Time	Jun 10, 2025 1:43:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226223	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 16, 2025 3:56:53 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-14
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.11
Static Depth to Water (ft)	91.00
Well Total Depth (ft below top of casing)	207.83
Depth to Water below ground Surface (ft)	88.89
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Sunny
Air Temperature (°F)	83
Date	Jun 10, 2025
Time	12:12:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 10, 2025 12:29:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 10, 2025 12:48:00 PM MDT
Flow Rate (gpm) #1	0.06
Calculated Purge Volume (gal) #1	1.14
Sample Temperature (°C)	17.31
Specific Conductivity (µS/cm)	7855.00

pH (S.U.)	7.70
Oxygen Reduction Potential (mV)	714.86
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 10, 2025 12:51:00 PM MDT
Flow Rate (gpm) #2	0.06
Sample Temperature (°C)	17.31
Specific Conductivity (µS/cm)	4508.86
pH (S.U.)	7.70
Oxygen Reduction Potential (mV)	665.34
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 10, 2025 12:54:00 PM MDT
Flow Rate (gpm) #3	0.06
Sample Temperature (°C)	17.20
Specific Conductivity (µS/cm)	7280.68
pH (S.U.)	7.69
Oxygen Reduction Potential (mV)	675.10
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	103.90
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.06
Total Purged (gal)	1.75
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-14 – Dedicated QED SS Well Wizard T1300 low-flow bladder pump
Lab Sample Name	MW-14
Sample Date/Time	Jun 10, 2025 12:54:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226214	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 12:34:13 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-15
Water present to measure/sample?	No
Is the water present within 0.25 feet of the well TD?	No
Dry Well	Yes

Misc

Site Photo

SAMPLING DETAILS

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226221	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 12:33:57 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-16
Water present to measure/sample?	No
Is the water present within 0.25 feet of the well TD?	No
Dry Well	Yes

Misc

Site Photo

SAMPLING DETAILS

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226217	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 12:34:38 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-17
Water present to measure/sample?	No
Is the water present within 0.25 feet of the well TD?	No
Dry Well	Yes

Misc

Site Photo

SAMPLING DETAILS

Sampler

Sampler Name Meghan Way - GCC Pueblo Environmental Engineer

Sampler's Signature

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226227	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 1:34:38 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-18
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.87
Static Depth to Water (ft)	39.44
Well Total Depth (ft below top of casing)	55.74
Depth to Water below ground Surface (ft)	36.57
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Raining
Air Temperature (°F)	73
Date	Jun 17, 2025
Time	2:51:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 2:53:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 2:59:00 PM MDT
Flow Rate (gpm) #1	0.04
Calculated Purge Volume (gal) #1	0.24
Sample Temperature (°C)	15.26
Specific Conductivity (µS/cm)	1478.86

pH (S.U.)	7.63
Oxygen Reduction Potential (mV)	275.07
Dissolved Oxygen (mg/L)	0.02
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 3:02:00 PM MDT
Flow Rate (gpm) #2	0.04
Sample Temperature (°C)	15.26
Specific Conductivity (µS/cm)	1475.04
pH (S.U.)	7.63
Oxygen Reduction Potential (mV)	289.35
Dissolved Oxygen (mg/L)	0.00
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 3:05:00 PM MDT
Flow Rate (gpm) #3	0.04
Sample Temperature (°C)	15.26
Specific Conductivity (µS/cm)	1472.74
pH (S.U.)	7.63
Oxygen Reduction Potential (mV)	170.02
Dissolved Oxygen (mg/L)	0.00

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	40.12
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.04
Total Purged (gal)	0.55
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name Meghan Way - GCC Pueblo Environmental Engineer

Sampler's Signature

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 2

Details

Method of Sample Collection	MW-18 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-18
Sample Date/Time	Jun 17, 2025 3:05:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

LAB SAMPLE 2 OF 2

Details

Method of Sample Collection	MW-5 – No pump
Lab Sample Name	MW-3B
Sample Date/Time	Jun 17, 2025 3:05:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3

Lab Sample Type	Field Blank

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid

Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226211	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 11:36:19 AM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-19
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.74
Static Depth to Water (ft)	12.85
Well Total Depth (ft below top of casing)	75.01
Depth to Water below ground Surface (ft)	10.11
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Partly Sunny
Air Temperature (°F)	72
Date	Jun 17, 2025
Time	8:50:00 AM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 8:52:00 AM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 9:03:00 AM MDT
Flow Rate (gpm) #1	0.03
Calculated Purge Volume (gal) #1	0.33
Sample Temperature (°C)	17.24
Specific Conductivity (µS/cm)	2076.85

pH (S.U.)	8.15
Oxygen Reduction Potential (mV)	309.77
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	2.46
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 9:06:00 AM MDT
Flow Rate (gpm) #2	0.03
Sample Temperature (°C)	17.31
Specific Conductivity (µS/cm)	2079.06
pH (S.U.)	8.17
Oxygen Reduction Potential (mV)	308.90
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	2.36
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 9:09:00 AM MDT
Flow Rate (gpm) #3	0.03
Sample Temperature (°C)	17.47
Specific Conductivity (µS/cm)	2073.70
pH (S.U.)	8.17
Oxygen Reduction Potential (mV)	303.92
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	1.99

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	13.04
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.03
Total Purged (gal)	0.50
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-19 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-19
Sample Date/Time	Jun 17, 2025 9:09:00 AM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226219	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 17, 2025 11:30:48 AM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-20
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.75
Static Depth to Water (ft)	11.99
Well Total Depth (ft below top of casing)	97.4
Depth to Water below ground Surface (ft)	9.24
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Cloudy
Air Temperature (°F)	71
Date	Jun 17, 2025
Time	8:34:00 AM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 17, 2025 8:08:00 AM MDT
Date/Time #1 (Tubing purge completed)	Jun 17, 2025 8:28:00 AM MDT
Flow Rate (gpm) #1	0.04
Calculated Purge Volume (gal) #1	0.80
Sample Temperature (°C)	17.87
Specific Conductivity (µS/cm)	3855.97

pH (S.U.)	8.09
Oxygen Reduction Potential (mV)	333.30
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.10
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 17, 2025 8:31:00 AM MDT
Flow Rate (gpm) #2	0.04
Sample Temperature (°C)	17.73
Specific Conductivity (µS/cm)	3909.32
pH (S.U.)	8.10
Oxygen Reduction Potential (mV)	345.99
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.07
Insufficient water for next set of parameters/sampling	No

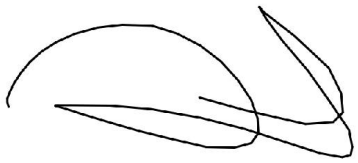
Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 17, 2025 8:34:00 AM MDT
Flow Rate (gpm) #3	0.04
Sample Temperature (°C)	18.06
Specific Conductivity (µS/cm)	3923.55
pH (S.U.)	8.10
Oxygen Reduction Potential (mV)	364.41
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	18.70
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.04
Total Purged (gal)	0.80
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Dave Bemis - GCC Pueblo Quality Technician
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-20 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-20
Sample Date/Time	Jun 17, 2025 8:34:00 AM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226231	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 16, 2025 4:19:45 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-21
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.6
Static Depth to Water (ft)	47.67
Well Total Depth (ft below top of casing)	124.88
Depth to Water below ground Surface (ft)	45.07
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Sunny
Air Temperature (°F)	86
Date	Jun 11, 2025
Time	1:15:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 11, 2025 1:19:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 11, 2025 1:41:00 PM MDT
Flow Rate (gpm) #1	0.03
Calculated Purge Volume (gal) #1	0.66
Sample Temperature (°C)	19.00
Specific Conductivity (µS/cm)	3638.75

pH (S.U.)	8.27
Oxygen Reduction Potential (mV)	646.10
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Comments #1	Cloudy
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 11, 2025 1:44:00 PM MDT
Flow Rate (gpm) #2	0.03
Sample Temperature (°C)	18.71
Specific Conductivity (µS/cm)	3638.30
pH (S.U.)	8.28
Oxygen Reduction Potential (mV)	678.78
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Comments #2	Cloudy
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 11, 2025 1:47:00 PM MDT
Flow Rate (gpm) #3	0.03
Sample Temperature (°C)	18.55
Specific Conductivity (µS/cm)	3652.75
pH (S.U.)	8.28
Oxygen Reduction Potential (mV)	704.51
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00

Comments #3	Cloudy

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	47.87
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.03
Total Purged (gal)	1.00
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-21 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-21
Sample Date/Time	Jun 11, 2025 1:47:00 PM MDT

Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid

Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226209	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 16, 2025 4:32:51 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-22
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.6
Static Depth to Water (ft)	150.88
Well Total Depth (ft below top of casing)	155.15
Depth to Water below ground Surface (ft)	148.28
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Partly Sunny
Air Temperature (°F)	86
Date	Jun 11, 2025
Time	1:59:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 11, 2025 2:05:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 11, 2025 2:26:00 PM MDT
Flow Rate (gpm) #1	0.04
Calculated Purge Volume (gal) #1	0.84
Sample Temperature (°C)	21.02

Are you sure? This value seems very unlikely based on past data.	Yes
Sample Temperature - Out of Range	Suspect conditions not observed before but I think the parameter value is accurate
Specific Conductivity (µS/cm)	5138.88
pH (S.U.)	7.72
Oxygen Reduction Potential (mV)	671.44
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Comments #1	Cloudy
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 11, 2025 2:29:00 PM MDT
Flow Rate (gpm) #2	0.04
Sample Temperature (°C)	20.70
Are you sure? This value seems very unlikely based on past data.	Yes
Sample Temperature - Out of Range	Suspect conditions not observed before but I think the parameter value is accurate
Specific Conductivity (µS/cm)	5121.03
pH (S.U.)	7.72
Oxygen Reduction Potential (mV)	825.30
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Comments #2	Cloudy
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 11, 2025 2:32:00 PM MDT
Flow Rate (gpm) #3	0.04
Sample Temperature (°C)	21.08

Are you sure? This value seems very unlikely based on past data.	Yes
Sample Temperature - Out of Range	Suspect conditions not observed before but I think the parameter value is accurate
Specific Conductivity (µS/cm)	5150.60
pH (S.U.)	7.71
Oxygen Reduction Potential (mV)	826.00
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.00
Comments #3	Cloudy

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	154.24
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.04
Total Purged (gal)	1.15
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 1

Details

Method of Sample Collection	MW-22 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-22
Sample Date/Time	Jun 11, 2025 2:32:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None

Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226208	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 16, 2025 4:52:08 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-23
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.8
Static Depth to Water (ft)	76.73
Well Total Depth (ft below top of casing)	80
Depth to Water below ground Surface (ft)	73.93
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Partly Sunny
Air Temperature (°F)	89
Date	Jun 11, 2025
Time	2:59:00 PM MDT
Insufficient water for parameters/sampling	No

Micro-Purge Stabilization Parameters #1

Purge Start Time (First water produced)	Jun 11, 2025 3:03:00 PM MDT
Date/Time #1 (Tubing purge completed)	Jun 11, 2025 3:13:00 PM MDT
Flow Rate (gpm) #1	0.04
Calculated Purge Volume (gal) #1	0.40
Sample Temperature (°C)	19.27
Specific Conductivity (µS/cm)	2595.68

pH (S.U.)	7.55
Oxygen Reduction Potential (mV)	591.18
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.80
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #2

Date/Time #2	Jun 11, 2025 3:16:00 PM MDT
Flow Rate (gpm) #2	0.04
Sample Temperature (°C)	19.10
Specific Conductivity (µS/cm)	2606.75
pH (S.U.)	7.54
Oxygen Reduction Potential (mV)	622.49
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.68
Insufficient water for next set of parameters/sampling	No

Micro-Purge Stabilization Parameters #3 (FINAL)

Date/Time #3	Jun 11, 2025 3:19:00 PM MDT
Flow Rate (gpm) #3	0.04
Sample Temperature (°C)	19.21
Specific Conductivity (µS/cm)	2627.90
pH (S.U.)	7.52
Oxygen Reduction Potential (mV)	649.71
Are you sure? This value seems very unlikely based on past data?	Yes
ORP - Out of Range	Suspect specific probe malfunction for this parameter
Dissolved Oxygen (mg/L)	0.63

Purge and Sampling

Water level measured at sample time?	Depth to Water (ft TOC) measured at Sample Time
Depth to Water (ft TOC)	79.66
Was flow rate measured?	Flow Rate was measured.
Static Flow Rate (gpm)	0.04
Total Purged (gal)	0.75
Geographic Sample Location	latitude: altitude: longitude: [viewMap]
Sample(s) collected for laboratory analysis?	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer
Sampler's Signature	

SAMPLE(S) COLLECTED FOR LABORATORY ANALYSIS

Sample Submittal Information

LAB SAMPLE 1 OF 2

Details

Method of Sample Collection	MW-23 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-23
Sample Date/Time	Jun 11, 2025 3:19:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Normal

LAB SAMPLE 2 OF 2

Details

Method of Sample Collection	MW-23 – Dedicated Proactive Environmental SS Sample Champ XL 12-volt low-flow submersible pump
Lab Sample Name	MW-2B
Sample Date/Time	Jun 11, 2025 12:00:00 PM MDT
Lab Suite	GW-Compliance
Number of Bottles/Containers	3
Lab Sample Type	Duplicate

Sample Handling

SAMPLE HANDLING 1 OF 3

Bottle Details

ACZ Labs Bottle Sticker	None
Bottle Volume (mL)	500
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	No
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, no filtration

SAMPLE HANDLING 2 OF 3

Bottle Details

ACZ Labs Bottle Sticker	White
Bottle Volume (mL)	250
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Raw/None
Analysis	Wet Chemistry - no preservative, field-filtered

SAMPLE HANDLING 3 OF 3

Bottle Details

ACZ Labs Bottle Sticker	Green PC
Bottle Volume (mL)	125
Bottle Composition	Poly
Bottle Quantity	1
Field-Filtered to 0.45 µm (Yes/No)	Yes
Preservative (Type)	Nitric Acid
Analysis	Metals (dissolved including ICPMS) - nitric preserved, field-filtered

Wells - GCC Pueblo Compliance Water Sampling

GCC Pueblo Quarry and Cement Plant
(719) 647-6800
3372 Lime Road
Pueblo, CO 81004
www.gcc.com

Reference Number:	Form Name:
GCC_RGPP-20250717-1314032001-18409226213	**Wells - GCC Pueblo Compliance Water Sampling**
Submitter Name:	Date Sent on Device:
Amy Rodrigues | amy.rodrigues	**Jul 16, 2025 4:43:08 PM MDT**

SITE INFORMATION

Location

Project Site	GCC Rio Grande Pueblo Plant
Sample ID	MW-24
Water present to measure/sample?	Yes
Is the water present within 0.25 feet of the well TD?	No

Wellhead Stick-Up from Ground Level Reference Point to Depth to Water Level Reference Point (ft)	2.8
Static Depth to Water (ft)	112.74
Well Total Depth (ft below top of casing)	113
Depth to Water below ground Surface (ft)	109.94
Well Diameter (In)	2

Misc

Site Photo

Water Quality Meter

Water Quality Meter Make/Model/SN	In-Situ AquaTroll 400 SN 896017
Calibration Date/Time:	Jun 9, 2025 11:49:00 AM MDT
Calibration Parameters	Specific Conductivity (SC) pH Oxygen Reduction Potential (ORP) Dissolved Oxygen (DO or RDO)
AquaTroll calibration log generated?	Yes

SAMPLING DETAILS

Weather	Partly Sunny
Air Temperature (°F)	89
Date	Jun 11, 2025
Time	2:58:00 PM MDT
Comments	Purged 0.01 gal
Insufficient water for parameters/sampling	Yes

Sampler

Sampler Name	Meghan Way - GCC Pueblo Environmental Engineer

Sampler's Signature

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

July 02, 2025

Report to:
Meghan Way
GCC Rio Grande
3372 Lime Road
Pueblo, CO 81004

cc: Landon Beck

Bill to:
Meghan Way
GCC Rio Grande
3372 Lime Road
Pueblo, CO 81004

Project ID:
ACZ Project ID: L95270

Meghan Way:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on June 11, 2025. This project has been assigned to ACZ's project number, L95270. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L95270. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after July 02, 2026. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Sue Webber has reviewed and approved this report.

GCC Rio Grande
Project ID:
Sample ID: MW-14

ACZ Sample ID: ***L95270-01***
Date Sampled: *06/10/25 12:54*
Date Received: *06/11/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	5	<0.35	U		mg/L	0.35	1.25	06/24/25 22:34	msp
Arsenic, dissolved	EPA 200.8	1	0.00187			mg/L	0.0002	0.001	06/12/25 16:50	gjl
Beryllium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/24/25 22:34	msp
Boron, dissolved	EPA 200.7	5	1.28			mg/L	0.15	0.5	06/24/25 22:34	msp
Cadmium, dissolved	EPA 200.8	1	0.000081	B		mg/L	0.00005	0.00025	06/12/25 16:50	gjl
Calcium, dissolved	EPA 200.7	5	15.2			mg/L	0.5	2.5	06/24/25 22:34	msp
Chromium, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/24/25 22:34	msp
Cobalt, dissolved	EPA 200.8	1	0.000147	B		mg/L	0.00005	0.00025	06/12/25 16:50	gjl
Copper, dissolved	EPA 200.7	5	0.051	B		mg/L	0.05	0.25	06/24/25 22:34	msp
Iron, dissolved	EPA 200.7	5	0.649	B		mg/L	0.3	0.75	06/24/25 22:34	msp
Lead, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.0025	06/16/25 19:10	aps
Lithium, dissolved	EPA 200.7	5	0.419			mg/L	0.04	0.2	06/24/25 22:34	msp
Magnesium, dissolved	EPA 200.7	5	5.49			mg/L	1	5	06/24/25 22:34	msp
Manganese, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/24/25 22:34	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U	*	mg/L	0.0002	0.001	06/16/25 15:06	rjw
Nickel, dissolved	EPA 200.7	5	<0.04	U		mg/L	0.04	0.2	06/24/25 22:34	msp
Potassium, dissolved	EPA 200.7	5	5.30			mg/L	2.5	5	06/24/25 22:34	msp
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/16/25 19:10	aps
Sodium, dissolved	EPA 200.7	5	1730			mg/L	1	5	06/24/25 22:34	msp
Vanadium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.125	06/24/25 22:34	msp
Zinc, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/24/25 22:34	msp

GCC Rio Grande
Project ID:
Sample ID: MW-14

ACZ Sample ID: ***L95270-01***
Date Sampled: *06/10/25 12:54*
Date Received: *06/11/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	1320		*	mg/L	2	20	06/20/25 0:00	cjk asn
Carbonate as CaCO3		1	94.3		*	mg/L	2	20	06/20/25 0:00	cjk asn
Hydroxide as CaCO3		1	<2	U	*	mg/L	2	20	06/20/25 0:00	cjk asn
Total Alkalinity		1	1410		*	mg/L	2	20	06/20/25 0:00	cjk asn
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-3.7			%			07/02/25 0:00	calc
Sum of Anions			84			meq/L			07/02/25 0:00	calc
Sum of Cations			78			meq/L			07/02/25 0:00	calc
Chloride	SM 4500-Cl E-2011	100	1850		*	mg/L	100	200	06/13/25 11:56	jqr
Fluoride	SM 4500-F C-2011	1	2.91		*	mg/L	0.15	0.35	07/01/25 14:07	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		61			mg/L	1	30	07/02/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.033	B		mg/L	0.02	0.1	07/02/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.033	B	*	mg/L	0.02	0.1	06/12/25 0:33	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/12/25 0:17	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	2	4410		*	mg/L	40	80	06/17/25 11:48	cob
Sulfate	ASTM D516-07/-11/-16	5	184		*	mg/L	5	25	06/12/25 15:30	jqr
TDS (calculated)	Calculation		4660			mg/L			07/02/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.95						07/02/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-13

ACZ Sample ID: ***L95270-02***
Date Sampled: *06/10/25 13:43*
Date Received: *06/11/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/24/25 22:43	msp
Arsenic, dissolved	EPA 200.8	1	0.00049	B		mg/L	0.0002	0.001	06/12/25 16:52	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 22:43	msp
Boron, dissolved	EPA 200.7	2	1.08			mg/L	0.06	0.2	06/24/25 22:43	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/12/25 16:52	gjl
Calcium, dissolved	EPA 200.7	2	7.53			mg/L	0.2	1	06/24/25 22:43	msp
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/24/25 22:43	msp
Cobalt, dissolved	EPA 200.8	1	0.000174	B		mg/L	0.00005	0.00025	06/12/25 16:52	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 22:43	msp
Iron, dissolved	EPA 200.7	2	<0.12	U		mg/L	0.12	0.3	06/24/25 22:43	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/12/25 16:52	gjl
Lithium, dissolved	EPA 200.7	2	0.235			mg/L	0.016	0.08	06/24/25 22:43	msp
Magnesium, dissolved	EPA 200.7	2	2.18			mg/L	0.4	2	06/24/25 22:43	msp
Manganese, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 22:43	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U	*	mg/L	0.0002	0.001	06/16/25 15:07	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/24/25 22:43	msp
Potassium, dissolved	EPA 200.7	2	3.09			mg/L	1	2	06/24/25 22:43	msp
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/16/25 19:12	aps
Sodium, dissolved	EPA 200.7	2	1040			mg/L	0.4	2	06/24/25 22:43	msp
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/24/25 22:43	msp
Zinc, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/24/25 22:43	msp

GCC Rio Grande
Project ID:
Sample ID: MW-13

ACZ Sample ID: ***L95270-02***
Date Sampled: *06/10/25 13:43*
Date Received: *06/11/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	1130		*	mg/L	2	20	06/20/25 0:00	cjk asn
Carbonate as CaCO3		1	106		*	mg/L	2	20	06/20/25 0:00	cjk asn
Hydroxide as CaCO3		1	<2	U	*	mg/L	2	20	06/20/25 0:00	cjk asn
Total Alkalinity		1	1240		*	mg/L	2	20	06/20/25 0:00	cjk asn
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-4.2			%			07/02/25 0:00	calc
Sum of Anions			50.0			meq/L			07/02/25 0:00	calc
Sum of Cations			46			meq/L			07/02/25 0:00	calc
Chloride	SM 4500-Cl E-2011	50	674		*	mg/L	50	100	06/13/25 11:56	jqr
Fluoride	SM 4500-F C-2011	1	5.85		*	mg/L	0.15	0.35	07/01/25 14:10	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		28			mg/L	0.5	10	07/02/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		<0.02	U		mg/L	0.02	0.1	07/02/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	<0.02	U	*	mg/L	0.02	0.1	06/12/25 0:19	pjb
Nitrite as N	EPA 353.2	1	0.023	B	*	mg/L	0.01	0.05	06/12/25 0:19	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	2	2650		*	mg/L	40	80	06/17/25 11:50	cob
Sulfate	ASTM D516-07/-11/-16	25	292		*	mg/L	25	125	06/12/25 15:48	jqr
TDS (calculated)	Calculation		2780			mg/L			07/02/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.95						07/02/25 0:00	calc

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4) EPA SW-846. Test Methods for Evaluating Solid Waste.
(5) Standard Methods for the Examination of Water and Wastewater.

Comments

(1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613893													
WG613893PBW1	PBW	06/20/25 14:45				9.1	mg/L		-20	20			
WG613893LCSW3	LCSW	06/20/25 14:57	WC250618-2	820.0001		796.6	mg/L	97	90	110			
WG613893LCSW6	LCSW	06/20/25 19:08	WC250618-2	820.0001		795.4	mg/L	97	90	110			
WG613893PBW2	PBW	06/20/25 19:24				10.7	mg/L		-20	20			
WG613893LCSW9	LCSW	06/21/25 0:07	WC250618-2	820.0001		793.9	mg/L	97	90	110			
WG613893PBW3	PBW	06/21/25 0:23				10.1	mg/L		-20	20			
L95273-06DUP	DUP	06/21/25 0:50			83.1	84.1	mg/L				1	20	
WG613893LCSW12	LCSW	06/21/25 4:17	WC250618-2	820.0001		806.2	mg/L	98	90	110			
WG613893PBW4	PBW	06/21/25 4:30				9.8	mg/L		-20	20			
WG613893LCSW15	LCSW	06/21/25 7:43	WC250618-2	820.0001		809.3	mg/L	99	90	110			
WG613893PBW5	PBW	06/21/25 7:57				14.8	mg/L		-20	20			
WG613893LCSW18	LCSW	06/21/25 11:10	WC250618-2	820.0001		811.2	mg/L	99	90	110			
WG613893PBW6	PBW	06/21/25 11:24				10.9	mg/L		-20	20			
WG613893LCSW21	LCSW	06/21/25 15:57	WC250618-2	820.0001		813.3	mg/L	99	90	110			
WG613893PBW7	PBW	06/21/25 16:11				10.2	mg/L		-20	20			
WG613893LCSW24	LCSW	06/21/25 19:53	WC250618-2	820.0001		807.2	mg/L	98	90	110			
WG613893PBW8	PBW	06/21/25 20:08				10.1	mg/L		-20	20			
WG613893LCSW27	LCSW	06/21/25 23:04	WC250618-2	820.0001		810	mg/L	99	90	110			

Aluminum, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		2.051	mg/L	103	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.21	0.21			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.250625		.274	mg/L	109	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	200.750625		219.8	mg/L	109	1	200			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	1.0025		1.056	mg/L	105	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	1.0025	U	1.044	mg/L	104	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	1.0025	U	1.06	mg/L	106	85	115	2	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.089	mg/L	109	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.21	0.21			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.091	mg/L	109	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.21	0.21			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		1.046	mg/L	105	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.21	0.21			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Arsenic, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613218													
WG613218ICV	ICV	06/12/25 15:46	MS250314-4	.05		.04819	mg/L	96	90	110			
WG613218ICB	ICB	06/12/25 15:49				U	mg/L		-0.00044	0.00044			
WG613218LFB	LFB	06/12/25 15:51	MS250603-3	.0501		.05007	mg/L	100	85	115			
WG613218CCV1	CCV	06/12/25 16:14	MS250522-4	.1002		.09567	mg/L	95	90	110			
WG613218CCB1	CCB	06/12/25 16:16				U	mg/L		-0.0006	0.0006			
WG613218CCV2	CCV	06/12/25 16:41	MS250522-4	.1002		.10185	mg/L	102	90	110			
WG613218CCB2	CCB	06/12/25 16:43				U	mg/L		-0.0006	0.0006			
L95240-02AS	AS	06/12/25 16:45	MS250603-3	.0501	U	.04763	mg/L	95	70	130			
L95240-02ASD	ASD	06/12/25 16:48	MS250603-3	.0501	U	.05028	mg/L	100	70	130	5	20	
WG613218CCV3	CCV	06/12/25 16:57	MS250522-4	.1002		.10653	mg/L	106	90	110			
WG613218CCB3	CCB	06/12/25 16:59				U	mg/L		-0.0006	0.0006			

Beryllium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.948	mg/L	97	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.03	0.03			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.05005		.058	mg/L	116	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1001		.109	mg/L	109	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.5005		.514	mg/L	103	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.5005	U	.516	mg/L	103	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.5005	U	.523	mg/L	104	85	115	1	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.017	mg/L	102	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.03	0.03			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.016	mg/L	102	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.03	0.03			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		.977	mg/L	98	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.03	0.03			

Boron, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.941	mg/L	97	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.09	0.09			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.1001		.116	mg/L	116	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1001		.115	mg/L	115	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.5005		.512	mg/L	102	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.5005	U	.52	mg/L	104	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.5005	U	.525	mg/L	105	85	115	1	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.043	mg/L	104	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.09	0.09			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.032	mg/L	103	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.09	0.09			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		1.009	mg/L	101	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.09	0.09			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Cadmium, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613218													
WG613218ICV	ICV	06/12/25 15:46	MS250314-4	.05		.049086	mg/L	98	90	110			
WG613218ICB	ICB	06/12/25 15:49				U	mg/L		-0.00011	0.00011			
WG613218LFB	LFB	06/12/25 15:51	MS250603-3	.05005		.048512	mg/L	97	85	115			
WG613218CCV1	CCV	06/12/25 16:14	MS250522-4	.1001		.095664	mg/L	96	90	110			
WG613218CCB1	CCB	06/12/25 16:16				U	mg/L		-0.00015	0.00015			
WG613218CCV2	CCV	06/12/25 16:41	MS250522-4	.1001		.099361	mg/L	99	90	110			
WG613218CCB2	CCB	06/12/25 16:43				U	mg/L		-0.00015	0.00015			
L95240-02AS	AS	06/12/25 16:45	MS250603-3	.05005	.00225	.046529	mg/L	88	70	130			
L95240-02ASD	ASD	06/12/25 16:48	MS250603-3	.05005	.00225	.047297	mg/L	90	70	130	2	20	
WG613218CCV3	CCV	06/12/25 16:57	MS250522-4	.1001		.102286	mg/L	102	90	110			
WG613218CCB3	CCB	06/12/25 16:59				.00006	mg/L		-0.00015	0.00015			

Calcium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	100		98.1	mg/L	98	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.3	0.3			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.5025		.55	mg/L	109	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	200.7025		205.8	mg/L	103	1	200			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	68.56872		69.19	mg/L	101	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	68.56872	U	68.79	mg/L	100	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	68.56872	U	70.47	mg/L	103	85	115	2	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	50		51.34	mg/L	103	90	110			
WG614060CCB1	CCB	06/24/25 22:40				.11	mg/L		-0.3	0.3			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	50		51.33	mg/L	103	90	110			
WG614060CCB2	CCB	06/24/25 23:17				.11	mg/L		-0.3	0.3			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	50		49.4	mg/L	99	90	110			
WG614060CCB3	CCB	06/24/25 23:40				.11	mg/L		-0.3	0.3			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Chloride SM 4500-Cl E-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613304													
WG613304ICV	ICV	06/13/25 10:11	WI250102-6	40		39.9	mg/L	100	90	110			
WG613304ICB	ICB	06/13/25 10:11				U	mg/L						
WG613304CCV1	CCV	06/13/25 11:26	WI241113-1	25		24.98	mg/L	100	90	110			
WG613304CCB1	CCB	06/13/25 11:26				U	mg/L						
WG613304PQV	PQV	06/13/25 11:27	WI250513-1	2		2.07	mg/L	104	50	150			
WG613304LFB	LFB	06/13/25 11:27	WI250418-2	20		20.49	mg/L	102	90	110			
L95204-03AS	AS	06/13/25 11:27	WI250418-2	20	19.8	36.53	mg/L	84	90	110			M2
L95204-03ASD	ASD	06/13/25 11:28	WI250418-2	20	19.8	36.51	mg/L	84	90	110	0	20	M2
WG613304CCV2	CCV	06/13/25 11:30	WI241113-1	25		25.22	mg/L	101	90	110			
WG613304CCB2	CCB	06/13/25 11:30				U	mg/L						
WG613304CCV3	CCV	06/13/25 11:37	WI241113-1	25		25.27	mg/L	101	90	110			
WG613304CCB3	CCB	06/13/25 11:38				U	mg/L						
WG613304CCV4	CCV	06/13/25 11:45	WI241113-1	25		25.18	mg/L	101	90	110			
WG613304CCB4	CCB	06/13/25 11:45				U	mg/L						
WG613304CCV5	CCV	06/13/25 11:55	WI241113-1	25		24.88	mg/L	100	90	110			
WG613304CCB5	CCB	06/13/25 11:56				U	mg/L						
WG613304CCV6	CCV	06/13/25 11:57	WI241113-1	25		25.06	mg/L	100	90	110			
WG613304CCB6	CCB	06/13/25 11:57				U	mg/L						

Chromium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.952	mg/L	98	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.06	0.06			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.05005		.062	mg/L	124	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1001		.12	mg/L	120	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.501		.524	mg/L	105	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.501	U	.536	mg/L	107	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.501	U	.535	mg/L	107	85	115	0	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.032	mg/L	103	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.06	0.06			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.033	mg/L	103	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.06	0.06			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		.991	mg/L	99	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.06	0.06			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Cobalt, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613218													
WG613218ICV	ICV	06/12/25 15:46	MS250314-4	.05		.049759	mg/L	100	90	110			
WG613218ICB	ICB	06/12/25 15:49				U	mg/L		-0.00011	0.00011			
WG613218LFB	LFB	06/12/25 15:51	MS250603-3	.05005		.049525	mg/L	99	85	115			
WG613218CCV1	CCV	06/12/25 16:14	MS250522-4	.1001		.096212	mg/L	96	90	110			
WG613218CCB1	CCB	06/12/25 16:16				U	mg/L		-0.00015	0.00015			
WG613218CCV2	CCV	06/12/25 16:41	MS250522-4	.1001		.099101	mg/L	99	90	110			
WG613218CCB2	CCB	06/12/25 16:43				U	mg/L		-0.00015	0.00015			
L95240-02AS	AS	06/12/25 16:45	MS250603-3	.05005	.000402	.042993	mg/L	85	70	130			
L95240-02ASD	ASD	06/12/25 16:48	MS250603-3	.05005	.000402	.043415	mg/L	86	70	130	1	20	
WG613218CCV3	CCV	06/12/25 16:57	MS250522-4	.1001		.101219	mg/L	101	90	110			
WG613218CCB3	CCB	06/12/25 16:59				U	mg/L		-0.00015	0.00015			

Copper, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.977	mg/L	99	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.03	0.03			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.05005		.06	mg/L	120	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1001		.102	mg/L	102	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.5005		.519	mg/L	104	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.5005	U	.545	mg/L	109	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.5005	U	.531	mg/L	106	85	115	3	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.042	mg/L	104	90	110			
WG614060CCB1	CCB	06/24/25 22:40				.011	mg/L		-0.03	0.03			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.041	mg/L	104	90	110			
WG614060CCB2	CCB	06/24/25 23:17				.01	mg/L		-0.03	0.03			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		.999	mg/L	100	90	110			
WG614060CCB3	CCB	06/24/25 23:40				.01	mg/L		-0.03	0.03			

Fluoride SM 4500-F C-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614616													
WG614616ICV	ICV	07/01/25 12:13	WC250701-1	2		2.16	mg/L	108	90	110			
WG614616ICB	ICB	07/01/25 12:19				U	mg/L		-0.3	0.3			
WG614616PQV	PQV	07/01/25 12:22	WC250701-2	.35		.36	mg/L	103	50	150			
WG614616LFB1	LFB	07/01/25 12:26	WC250604-1	5		4.86	mg/L	97	90	110			
WG614616CCV1	CCV	07/01/25 13:03	WC250701-1	2		2.026	mg/L	101	90	110			
WG614616CCB1	CCB	07/01/25 13:08				U	mg/L		-0.3	0.3			
WG614616CCV2	CCV	07/01/25 13:59	WC250701-1	2		1.951	mg/L	98	90	110			
WG614616CCB2	CCB	07/01/25 14:03				U	mg/L		-0.3	0.3			
L95276-01AS	AS	07/01/25 14:17	WC250604-1	5	1.44	5.88	mg/L	89	90	110			MA
L95276-01ASD	ASD	07/01/25 14:20	WC250604-1	5	1.44	6.08	mg/L	93	90	110	3	20	
WG614616LFB2	LFB	07/01/25 14:24	WC250604-1	5		5	mg/L	100	90	110			
WG614616CCV3	CCV	07/01/25 14:41	WC250701-1	2		1.969	mg/L	98	90	110			
WG614616CCB3	CCB	07/01/25 14:45				U	mg/L		-0.3	0.3			
WG614616CCV4	CCV	07/01/25 15:30	WC250701-1	2		1.988	mg/L	99	90	110			
WG614616CCB4	CCB	07/01/25 15:36				U	mg/L		-0.3	0.3			
WG614616CCB5	CCB	07/01/25 16:35				.29	mg/L		-0.3	0.3			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Iron, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.983	mg/L	99	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.18	0.18			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.15045		.17	mg/L	113	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	200.75045		201.4	mg/L	100	1	200			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	1.003		1.037	mg/L	103	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	1.003	U	1.059	mg/L	106	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	1.003	U	1.093	mg/L	109	85	115	3	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.055	mg/L	106	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.18	0.18			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.05	mg/L	105	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.18	0.18			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		1.013	mg/L	101	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.18	0.18			

Lead, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613218													
WG613218ICV	ICV	06/12/25 15:46	MS250314-4	.05		.05086	mg/L	102	90	110			
WG613218ICB	ICB	06/12/25 15:49				U	mg/L		-0.00022	0.00022			
WG613218LFB	LFB	06/12/25 15:51	MS250603-3	.05005		.05043	mg/L	101	85	115			
WG613218CCV1	CCV	06/12/25 16:14	MS250522-4	.25025		.23758	mg/L	95	90	110			
WG613218CCB1	CCB	06/12/25 16:16				U	mg/L		-0.0003	0.0003			
WG613218CCV2	CCV	06/12/25 16:41	MS250522-4	.25025		.24827	mg/L	99	90	110			
WG613218CCB2	CCB	06/12/25 16:43				U	mg/L		-0.0003	0.0003			
L95240-02AS	AS	06/12/25 16:45	MS250603-3	.05005	U	.04545	mg/L	91	70	130			
L95240-02ASD	ASD	06/12/25 16:48	MS250603-3	.05005	U	.04603	mg/L	92	70	130	1	20	
WG613218CCV3	CCV	06/12/25 16:57	MS250522-4	.25025		.25285	mg/L	101	90	110			
WG613218CCB3	CCB	06/12/25 16:59				U	mg/L		-0.0003	0.0003			
WG613465													
WG613465ICV	ICV	06/16/25 18:26	MS250615-4	.05		.05014	mg/L	100	90	110			
WG613465ICB	ICB	06/16/25 18:28				U	mg/L		-0.00022	0.00022			
WG613465LFB	LFB	06/16/25 18:30	MS250603-3	.05005		.04922	mg/L	98	85	115			
WG613465CCV1	CCV	06/16/25 18:50	MS250522-4	.25025		.23327	mg/L	93	90	110			
WG613465CCB1	CCB	06/16/25 18:51				U	mg/L		-0.0003	0.0003			
WG613465CCV2	CCV	06/16/25 19:14	MS250522-4	.25025		.24364	mg/L	97	90	110			
WG613465CCB2	CCB	06/16/25 19:16				U	mg/L		-0.0003	0.0003			
L95273-03AS	AS	06/16/25 19:24	MS250603-3	.05005	.00042	.0509	mg/L	101	70	130			
L95273-03ASD	ASD	06/16/25 19:26	MS250603-3	.05005	.00042	.05215	mg/L	103	70	130	2	20	
WG613465CCV3	CCV	06/16/25 19:28	MS250522-4	.25025		.239	mg/L	96	90	110			
WG613465CCB3	CCB	06/16/25 19:30				U	mg/L		-0.0003	0.0003			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Lithium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.9592	mg/L	98	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.024	0.024			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.04004		.0448	mg/L	112	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1001		.112	mg/L	112	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	1.001		.9822	mg/L	98	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	1.001	U	.9813	mg/L	98	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	1.001	U	.9931	mg/L	99	85	115	1	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.021	mg/L	102	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.024	0.024			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.016	mg/L	102	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.024	0.024			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		.979	mg/L	98	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.024	0.024			

Magnesium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	100		97.35	mg/L	97	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.6	0.6			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	1.0087		1.12	mg/L	111	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	202.7487		205.8	mg/L	102	1	200			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	50.3388		49.42	mg/L	98	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	50.3388	U	49.29	mg/L	98	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	50.3388	U	50.62	mg/L	101	85	115	3	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	50		50.64	mg/L	101	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.6	0.6			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	50		50.53	mg/L	101	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.6	0.6			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	50		48.89	mg/L	98	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.6	0.6			

Manganese, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.953	mg/L	98	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.03	0.03			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.0498		.054	mg/L	108	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	50.4498		49.93	mg/L	99	1	200			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.504		.526	mg/L	104	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.504	U	.534	mg/L	106	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.504	U	.539	mg/L	107	85	115	1	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.033	mg/L	103	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.03	0.03			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.028	mg/L	103	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.03	0.03			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		.993	mg/L	99	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.03	0.03			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Mercury, dissolved EPA 245.1

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613263													
WG613263ICV	ICV	06/16/25 13:22	HG250530-3	.00501		.00501	mg/L	100	90	110			
WG613263ICB	ICB	06/16/25 13:23				U	mg/L		-0.0006	0.0006			
WG613426													
WG613426CCV1	CCV	06/16/25 15:01	HG250530-3	.00501		.00518	mg/L	103	90	110			
WG613426CCB1	CCB	06/16/25 15:02				U	mg/L		-0.0002	0.0002			
WG613426PQV	PQV	06/16/25 15:03	HG250603-5	.001001		.00089	mg/L	89	70	130			
WG613426LRB	LRB	06/16/25 15:04				U	mg/L		-0.00044	0.00044			
WG613426LFB	LFB	06/16/25 15:05	HG250603-6	.002002		.00186	mg/L	93	85	115			
L95270-02LFM	LFM	06/16/25 15:08	HG250603-6	.002002	U	.00168	mg/L	84	85	115			M2
L95270-02LFMD	LFMD	06/16/25 15:09	HG250603-6	.002002	U	.00167	mg/L	83	85	115	1	20	M2
WG613426CCV2	CCV	06/16/25 15:13	HG250530-3	.00501		.00493	mg/L	98	90	110			
WG613426CCB2	CCB	06/16/25 15:14				U	mg/L		-0.0002	0.0002			
WG613426CCV3	CCV	06/16/25 15:24	HG250530-3	.00501		.00489	mg/L	98	90	110			
WG613426CCB3	CCB	06/16/25 15:25				U	mg/L		-0.0002	0.0002			
WG613426CCV4	CCV	06/16/25 15:32	HG250530-3	.00501		.005	mg/L	100	90	110			
WG613426CCB4	CCB	06/16/25 15:33				U	mg/L		-0.0002	0.0002			

Nickel, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2.004		1.969	mg/L	98	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.024	0.024			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.04004		.0451	mg/L	113	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1001		.0984	mg/L	98	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.5005		.5133	mg/L	103	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.5005	U	.5233	mg/L	105	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.5005	U	.5277	mg/L	105	85	115	1	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1.002		1.065	mg/L	106	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.024	0.024			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1.002		1.065	mg/L	106	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.024	0.024			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1.002		1.027	mg/L	102	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.024	0.024			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Nitrate/Nitrite as N EPA 353.2

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613173													
WG613173ICV	ICV	06/11/25 23:52	WI250408-7	2.4161		2.331	mg/L	96	90	110			
WG613173ICB	ICB	06/11/25 23:54				U	mg/L		-0.02	0.02			
WG613173PQV	PQV	06/11/25 23:57	WI250201-4	.1		.094	mg/L	94	70	130			
WG613173LFB	LFB	06/11/25 23:59	WI250201-3	2		2.019	mg/L	101	90	110			
L95261-01AS	AS	06/12/25 0:01	WI250201-3	2	U	2.081	mg/L	104	90	110			
L95262-01DUP	DUP	06/12/25 0:04			U	U	mg/L				0	20	RA
WG613173CCV1	CCV	06/12/25 0:08	WI250611-7	2		2.012	mg/L	101	90	110			
WG613173CCB1	CCB	06/12/25 0:11				U	mg/L		-0.02	0.02			
WG613173CCV2	CCV	06/12/25 0:25	WI250611-7	2		2.012	mg/L	101	90	110			
WG613173CCB2	CCB	06/12/25 0:28				U	mg/L		-0.02	0.02			
WG613173CCV3	CCV	06/12/25 0:37	WI250611-7	2		2.018	mg/L	101	90	110			
WG613173CCB3	CCB	06/12/25 0:40				U	mg/L		-0.02	0.02			

Nitrite as N EPA 353.2

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613173													
WG613173ICV	ICV	06/11/25 23:52	WI250408-7	.6089		.612	mg/L	101	90	110			
WG613173ICB	ICB	06/11/25 23:54				U	mg/L		-0.01	0.01			
WG613173PQV	PQV	06/11/25 23:57	WI250201-4	.05		.053	mg/L	106	70	130			
WG613173LFB	LFB	06/11/25 23:59	WI250201-3	1		1.034	mg/L	103	90	110			
L95261-01AS	AS	06/12/25 0:01	WI250201-3	1	U	1.063	mg/L	106	90	110			
L95262-01DUP	DUP	06/12/25 0:04			U	U	mg/L				0	20	RA
WG613173CCV1	CCV	06/12/25 0:08	WI250611-7	1		.983	mg/L	98	90	110			
WG613173CCB1	CCB	06/12/25 0:11				U	mg/L		-0.01	0.01			
WG613173CCV2	CCV	06/12/25 0:25	WI250611-7	1		.984	mg/L	98	90	110			
WG613173CCB2	CCB	06/12/25 0:28				U	mg/L		-0.01	0.01			
WG613173CCV3	CCV	06/12/25 0:37	WI250611-7	1		.988	mg/L	99	90	110			
WG613173CCB3	CCB	06/12/25 0:40				U	mg/L		-0.01	0.01			

Potassium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	20		19.61	mg/L	98	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-1.5	1.5			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	1.002		1.12	mg/L	112	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	1.002		1.13	mg/L	113	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	99.74088		98.36	mg/L	99	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	99.74088	U	98.08	mg/L	98	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	99.74088	U	100.6	mg/L	101	85	115	3	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	10		10.33	mg/L	103	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-1.5	1.5			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	10		10.3	mg/L	103	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-1.5	1.5			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	10		9.99	mg/L	100	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-1.5	1.5			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Residue, Filterable (TDS) @180C SM 2540 C-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613570													
WG613570PBW	PBW	06/17/25 11:30				U	mg/L		-20	20			
WG613570LCSW	LCSW	06/17/25 11:32	PCN628443	1000		980	mg/L	98	90	110			
L95277-05DUP	DUP	06/17/25 12:01			1740	1748	mg/L				0	10	

Selenium, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613465													
WG613465ICV	ICV	06/16/25 18:26	MS250615-4	.05		.05174	mg/L	103	90	110			
WG613465ICB	ICB	06/16/25 18:28				U	mg/L		-0.00022	0.00022			
WG613465LFB	LFB	06/16/25 18:30	MS250603-3	.05005		.04808	mg/L	96	85	115			
WG613465CCV1	CCV	06/16/25 18:50	MS250522-4	.1001		.09512	mg/L	95	90	110			
WG613465CCB1	CCB	06/16/25 18:51				.0001	mg/L		-0.0003	0.0003			
WG613465CCV2	CCV	06/16/25 19:14	MS250522-4	.1001		.09442	mg/L	94	90	110			
WG613465CCB2	CCB	06/16/25 19:16				.00011	mg/L		-0.0003	0.0003			
L95273-03AS	AS	06/16/25 19:24	MS250603-3	.05005	.00088	.0558	mg/L	110	70	130			
L95273-03ASD	ASD	06/16/25 19:26	MS250603-3	.05005	.00088	.05842	mg/L	115	70	130	5	20	
WG613465CCV3	CCV	06/16/25 19:28	MS250522-4	.1001		.09396	mg/L	94	90	110			
WG613465CCB3	CCB	06/16/25 19:30				.00011	mg/L		-0.0003	0.0003			

Sodium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	100		99.48	mg/L	99	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.6	0.6			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.9958		1.06	mg/L	106	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.9958		1.14	mg/L	114	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	99.35789		99.32	mg/L	100	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	99.35789	U	99.47	mg/L	100	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	99.35789	U	101.6	mg/L	102	85	115	2	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	50		52.26	mg/L	105	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.6	0.6			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	50		52.24	mg/L	104	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.6	0.6			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	50		50.48	mg/L	101	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.6	0.6			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Sulfate ASTM D516-07/-11/-16

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613247													
WG613247ICV	ICV	06/12/25 10:25	WI250605-1	20.06		21.2	mg/L	106	85	115			
WG613247ICB	ICB	06/12/25 10:25				U	mg/L		-2.5	2.5			
WG613247CCV1	CCV	06/12/25 15:15	WI250602-3	25		27.8	mg/L	111	85	115			
WG613247CCB1	CCB	06/12/25 15:16				U	mg/L		-2.5	2.5			
WG613247LFB	LFB	06/12/25 15:16	WI250422-3	10		11.4	mg/L	114	85	115			
WG613247CCV2	CCV	06/12/25 15:19	WI250602-3	25		27.2	mg/L	109	85	115			
WG613247CCB2	CCB	06/12/25 15:19				U	mg/L		-2.5	2.5			
WG613247CCV3	CCV	06/12/25 15:23	WI250602-3	25		26.4	mg/L	106	85	115			
WG613247CCB3	CCB	06/12/25 15:23				U	mg/L		-2.5	2.5			
L95276-06AS	AS	06/12/25 15:24	WI250422-3	10	8.1	20.7	mg/L	126	85	115			M1
WG613247CCV4	CCV	06/12/25 15:27	WI250602-3	25		26.7	mg/L	107	85	115			
WG613247CCB4	CCB	06/12/25 15:27				U	mg/L		-2.5	2.5			
WG613247CCV5	CCV	06/12/25 15:32	WI250602-3	25		26.2	mg/L	105	85	115			
WG613247CCB5	CCB	06/12/25 15:32				U	mg/L		-2.5	2.5			
L95276-06ASD	ASD	06/12/25 15:33	WI250422-3	10	8.1	20.9	mg/L	128	85	115	1	20	M1
WG613247CCV6	CCV	06/12/25 15:33	WI250602-3	25		27.1	mg/L	108	85	115			
WG613247CCB6	CCB	06/12/25 15:34				U	mg/L		-2.5	2.5			
WG613247CCV7	CCV	06/12/25 15:42	WI250602-3	25		27.5	mg/L	110	85	115			
WG613247CCB7	CCB	06/12/25 15:42				U	mg/L		-2.5	2.5			
WG613247CCV8	CCV	06/12/25 15:47	WI250602-3	25		26.4	mg/L	106	85	115			
WG613247CCB8	CCB	06/12/25 15:47				U	mg/L		-2.5	2.5			
WG613247CCV9	CCV	06/12/25 15:49	WI250602-3	25		26.7	mg/L	107	85	115			
WG613247CCB9	CCB	06/12/25 15:49				U	mg/L		-2.5	2.5			

Vanadium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.962	mg/L	98	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.03	0.03			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.025025		.029	mg/L	116	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1001		.099	mg/L	99	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.5005		.511	mg/L	102	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.5005	U	.5069	mg/L	101	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.5005	U	.519	mg/L	104	85	115	2	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.029	mg/L	103	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.03	0.03			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.03	mg/L	103	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.03	0.03			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		.985	mg/L	99	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.03	0.03			

GCC

ACZ Project ID: ***L95270***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Zinc, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614060													
WG614060ICV	ICV	06/24/25 21:47	II250612-3	2		1.944	mg/L	97	95	105			
WG614060ICB	ICB	06/24/25 21:53				U	mg/L		-0.06	0.06			
WG614060PQV	PQV	06/24/25 21:57	II250609-2	.0502		.061	mg/L	122	70	130			
WG614060SIC	SIC	06/24/25 22:00	II250528-2	.1004		.112	mg/L	112	80	120			
WG614060LFB	LFB	06/24/25 22:06	II250609-4	.5005		.512	mg/L	102	85	115			
L95256-05AS	AS	06/24/25 22:25	II250609-4	.5005	U	.517	mg/L	103	85	115			
L95256-05ASD	ASD	06/24/25 22:28	II250609-4	.5005	U	.528	mg/L	105	85	115	2	20	
WG614060CCV1	CCV	06/24/25 22:37	II250617-3	1		1.023	mg/L	102	90	110			
WG614060CCB1	CCB	06/24/25 22:40				U	mg/L		-0.06	0.06			
WG614060CCV2	CCV	06/24/25 23:14	II250617-3	1		1.021	mg/L	102	90	110			
WG614060CCB2	CCB	06/24/25 23:17				U	mg/L		-0.06	0.06			
WG614060CCV3	CCV	06/24/25 23:37	II250617-3	1		.987	mg/L	99	90	110			
WG614060CCB3	CCB	06/24/25 23:40				U	mg/L		-0.06	0.06			

GCC Rio Grande ACZ Project ID: ***L95270***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95270-01	WG613893	Bicarbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613304	Chloride	SM 4500-Cl E-2011	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			SM 4500-Cl E-2011	Q6	Sample was received above recommended temperature.
	WG614616	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
			SM 4500-F C-2011	Q6	Sample was received above recommended temperature.
	WG613893	Hydroxide as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613465	Lead, dissolved	EPA 200.8	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG613426	Mercury, dissolved	EPA 245.1	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG613173	Nitrate/Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
			EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
			EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG613570	Residue, Filterable (TDS) @180C	SM 2540 C-2011	Q6	Sample was received above recommended temperature.
	WG613465	Selenium, dissolved	EPA 200.8	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG613247	Sulfate	ASTM D516-07/-11/-16	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
			ASTM D516-07/-11/-16	Q6	Sample was received above recommended temperature.
	WG613893	Total Alkalinity	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
L95270-02	WG613893	Bicarbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613304	Chloride	SM 4500-Cl E-2011	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			SM 4500-Cl E-2011	Q6	Sample was received above recommended temperature.
	WG614616	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
			SM 4500-F C-2011	Q6	Sample was received above recommended temperature.
	WG613893	Hydroxide as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613426	Mercury, dissolved	EPA 245.1	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG613173	Nitrate/Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
			EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
			EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG613570	Residue, Filterable (TDS) @180C	SM 2540 C-2011	Q6	Sample was received above recommended temperature.
	WG613465	Selenium, dissolved	EPA 200.8	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG613247	Sulfate	ASTM D516-07/-11/-16	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
			ASTM D516-07/-11/-16	Q6	Sample was received above recommended temperature.
	WG613893	Total Alkalinity	SM 2320 B-2011	Q6	Sample was received above recommended temperature.

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

GCC Rio Grande

ACZ Project ID: L95270
Date Received: 06/11/2025 11:21
Received By:
Date Printed: 6/12/2025

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?		X	

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
NA45311	19.4	<=6.0	15	Yes

Was this a domestic shipment?

Yes - This is a domestic shipment.

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s) but was thawed by receipt at ACZ.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

GCC Rio Grande

ACZ Project ID: L95270
Date Received: 06/11/2025 11:21
Received By:
Date Printed: 6/12/2025

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ LABORATORIES | Accredited Environmental Testing | 2773 Downhill Drive, Steamboat Springs, CO 80487, (970) 879-6590 | L95270

CHAIN of CUSTODY

Report to:

Name: Meghan Way	Address: 3372 Lime Road
Company: GCC Rio Grande Inc	Pueblo CO 81004
E-mail: meghanway@gcc.com	Telephone: 719-647-6861

Copy of Report to:

Name: Landon Beck	E-mail: lbeck@slrconsulting.com
Company: SLR Consulting	Telephone: (970) 459-4865

Invoice to:

Name: Meghan Way	Address: 3372 Lime Road
Company: GCC Rio Grande Inc	Pueblo CO 81004
E-mail: meghanway@gcc.com	Telephone: 719-647-6861

Copy of Invoice to:

Name: Amy Rodrigues	Address:
Company: GCC Rio Grande Inc	
E-mail: aveek@gcc.com	Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES ✓ NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes No ✓

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: Meghan Way Sampler's Site Information State CO Zip code 81004 Time Zone MST

*Sampler's Signature: Meghan Way

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: GW-COMPLIANCE

PO#: 310180

Reporting state for compliance testing:

Check box if samples include NRC licensed material?

ANALYSES REQUESTED (attach list or use quote number)

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	GW-COmpliance							
MW-14	6/10/2025 12:54	GW	3	✓							
MW-13	6/10/2025 13:43	GW	3	✓							

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Meghan Way	6/10/25 15:00		6/11/25 12

Qualtrax ID: 1984 Revision #: 2 White - Return with sample. Yellow - Retain for your records.

L95270 Chain of Custo

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

July 03, 2025

Report to:
Meghan Way
GCC Rio Grande
3372 Lime Road
Pueblo, CO 81004

cc: Landon Beck

Bill to:
Meghan Way
GCC Rio Grande
3372 Lime Road
Pueblo, CO 81004

Project ID:
ACZ Project ID: L95302

Meghan Way:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on June 12, 2025. This project has been assigned to ACZ's project number, L95302. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L95302. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after July 03, 2026. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Sue Webber has reviewed and approved this report.

GCC Rio Grande

July 03, 2025

Project ID:
ACZ Project ID: L95302

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 4 groundwater samples from GCC Rio Grande on June 12, 2025. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L95302. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

Holding Times

All analyses were performed within EPA recommended holding times.

Sample Analysis

These samples were analyzed for inorganic parameters. The individual methods are referenced on both, the ACZ invoice and the analytical reports.

GCC Rio Grande
Project ID:
Sample ID: MW-21

ACZ Sample ID: ***L95302-01***
Date Sampled: *06/11/25 13:47*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/24/25 20:10	wtc
Arsenic, dissolved	EPA 200.8	1	<0.0002	U		mg/L	0.0002	0.001	06/17/25 17:10	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 20:10	wtc
Boron, dissolved	EPA 200.7	2	0.604		*	mg/L	0.06	0.2	06/24/25 20:10	wtc
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/17/25 17:10	gjl
Calcium, dissolved	EPA 200.7	2	10.5			mg/L	0.2	1	06/24/25 20:10	wtc
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/24/25 20:10	wtc
Cobalt, dissolved	EPA 200.8	1	0.000341			mg/L	0.00005	0.00025	06/17/25 17:10	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 20:10	wtc
Iron, dissolved	EPA 200.7	2	<0.12	U		mg/L	0.12	0.3	06/24/25 20:10	wtc
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/17/25 17:10	gjl
Lithium, dissolved	EPA 200.7	2	0.248			mg/L	0.016	0.08	06/24/25 20:10	wtc
Magnesium, dissolved	EPA 200.7	2	6.38			mg/L	0.4	2	06/24/25 20:10	wtc
Manganese, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 20:10	wtc
Mercury, dissolved	EPA 245.1	1	<0.0002	U	*	mg/L	0.0002	0.001	06/16/25 15:17	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/24/25 20:10	wtc
Potassium, dissolved	EPA 200.7	2	2.62			mg/L	1	2	06/24/25 20:10	wtc
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/18/25 17:50	aps
Sodium, dissolved	EPA 200.7	2	898			mg/L	0.4	2	06/24/25 20:10	wtc
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/24/25 20:10	wtc
Zinc, dissolved	EPA 200.7	2	<0.04	U	*	mg/L	0.04	0.1	06/24/25 20:10	wtc

GCC Rio Grande
Project ID:
Sample ID: MW-21

ACZ Sample ID: ***L95302-01***
Date Sampled: *06/11/25 13:47*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	760		*	mg/L	2	20	06/24/25 0:00	asn
Carbonate as CaCO3		1	85.7		*	mg/L	2	20	06/24/25 0:00	asn
Hydroxide as CaCO3		1	<2	U	*	mg/L	2	20	06/24/25 0:00	asn
Total Alkalinity		1	846		*	mg/L	2	20	06/24/25 0:00	asn
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-3.5			%			07/03/25 0:00	calc
Sum of Anions			44			meq/L			07/03/25 0:00	calc
Sum of Cations			41			meq/L			07/03/25 0:00	calc
Chloride	SM 4500-Cl E-2011	5	154		*	mg/L	5	10	06/17/25 11:48	jqr
Fluoride	SM 4500-F C-2011	1	1.41		*	mg/L	0.15	0.35	07/02/25 12:56	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		53			mg/L	0.5	10	07/03/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		<0.02	U		mg/L	0.02	0.1	07/03/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	<0.02	U	*	mg/L	0.02	0.1	06/13/25 1:00	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/13/25 1:00	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	2510		*	mg/L	20	40	06/17/25 14:51	cjk
Sulfate	ASTM D516-07/-11/-16	50	1090		*	mg/L	50	250	06/13/25 16:00	jqr
TDS (calculated)	Calculation		2680			mg/L			07/03/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.94						07/03/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-22

ACZ Sample ID: ***L95302-02***
Date Sampled: *06/11/25 14:32*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/24/25 20:12	wtc
Arsenic, dissolved	EPA 200.8	1	0.00139			mg/L	0.0002	0.001	06/17/25 17:12	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 20:12	wtc
Boron, dissolved	EPA 200.7	2	0.748		*	mg/L	0.06	0.2	06/24/25 20:12	wtc
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/17/25 17:12	gjl
Calcium, dissolved	EPA 200.7	2	9.04			mg/L	0.2	1	06/24/25 20:12	wtc
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/24/25 20:12	wtc
Cobalt, dissolved	EPA 200.8	1	0.000404			mg/L	0.00005	0.00025	06/17/25 17:12	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/24/25 20:12	wtc
Iron, dissolved	EPA 200.7	2	<0.12	U		mg/L	0.12	0.3	06/24/25 20:12	wtc
Lead, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.0025	06/18/25 17:52	aps
Lithium, dissolved	EPA 200.7	2	0.238			mg/L	0.016	0.08	06/24/25 20:12	wtc
Magnesium, dissolved	EPA 200.7	2	2.72			mg/L	0.4	2	06/24/25 20:12	wtc
Manganese, dissolved	EPA 200.7	2	0.029	B		mg/L	0.02	0.1	06/24/25 20:12	wtc
Mercury, dissolved	EPA 245.1	1	<0.0002	U	*	mg/L	0.0002	0.001	06/16/25 15:17	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/24/25 20:12	wtc
Potassium, dissolved	EPA 200.7	2	3.58			mg/L	1	2	06/24/25 20:12	wtc
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/18/25 17:52	aps
Sodium, dissolved	EPA 200.7	2	1180			mg/L	0.4	2	06/24/25 20:12	wtc
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/24/25 20:12	wtc
Zinc, dissolved	EPA 200.7	2	<0.04	U	*	mg/L	0.04	0.1	06/24/25 20:12	wtc

GCC Rio Grande
Project ID:
Sample ID: MW-22

ACZ Sample ID: ***L95302-02***
Date Sampled: *06/11/25 14:32*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	819		*	mg/L	2	20	06/24/25 0:00	asn
Carbonate as CaCO3		1	76.1		*	mg/L	2	20	06/24/25 0:00	asn
Hydroxide as CaCO3		1	<2	U	*	mg/L	2	20	06/24/25 0:00	asn
Total Alkalinity		1	895		*	mg/L	2	20	06/24/25 0:00	asn
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-4.5			%			07/03/25 0:00	calc
Sum of Anions			58			meq/L			07/03/25 0:00	calc
Sum of Cations			53			meq/L			07/03/25 0:00	calc
Chloride	SM 4500-Cl E-2011	50	1070		*	mg/L	50	100	06/17/25 12:41	jqr
Fluoride	SM 4500-F C-2011	1	1.24		*	mg/L	0.15	0.35	07/02/25 13:06	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		34			mg/L	0.5	10	07/03/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		22.7			mg/L	0.3	1.5	07/03/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	15	23.4		*	mg/L	0.3	1.5	06/13/25 1:34	pjb
Nitrite as N	EPA 353.2	1	0.664		*	mg/L	0.01	0.05	06/13/25 1:01	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	3230		*	mg/L	20	40	06/17/25 14:53	cjk
Sulfate	ASTM D516-07/-11/-16	25	394		*	mg/L	25	125	06/13/25 16:01	jqr
TDS (calculated)	Calculation		3210			mg/L			07/03/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.01						07/03/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-23

ACZ Sample ID: ***L95302-03***
Date Sampled: *06/11/25 15:19*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	1	<0.07	U		mg/L	0.07	0.25	06/26/25 10:51	msp
Arsenic, dissolved	EPA 200.8	1	0.00085	B		mg/L	0.0002	0.001	06/17/25 17:14	gjl
Beryllium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/26/25 10:51	msp
Boron, dissolved	EPA 200.7	1	0.384			mg/L	0.03	0.1	06/26/25 10:51	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/17/25 17:14	gjl
Calcium, dissolved	EPA 200.7	1	30.5			mg/L	0.1	0.5	06/26/25 10:51	msp
Chromium, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/26/25 10:51	msp
Cobalt, dissolved	EPA 200.8	1	0.000941			mg/L	0.00005	0.00025	06/17/25 17:14	gjl
Copper, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/26/25 10:51	msp
Iron, dissolved	EPA 200.7	1	0.628			mg/L	0.06	0.15	06/26/25 10:51	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/17/25 17:14	gjl
Lithium, dissolved	EPA 200.7	1	0.169			mg/L	0.008	0.04	06/26/25 10:51	msp
Magnesium, dissolved	EPA 200.7	1	15.4			mg/L	0.2	1	06/26/25 10:51	msp
Manganese, dissolved	EPA 200.7	1	0.029	B		mg/L	0.01	0.05	06/26/25 10:51	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U	*	mg/L	0.0002	0.001	06/16/25 15:18	rjw
Nickel, dissolved	EPA 200.7	1	<0.008	U		mg/L	0.008	0.04	06/26/25 10:51	msp
Potassium, dissolved	EPA 200.7	1	4.82			mg/L	0.5	1	06/26/25 10:51	msp
Selenium, dissolved	EPA 200.8	1	0.0172		*	mg/L	0.0001	0.00025	06/17/25 17:14	gjl
Sodium, dissolved	EPA 200.7	1	601		*	mg/L	0.2	1	06/26/25 10:51	msp
Vanadium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.025	06/26/25 10:51	msp
Zinc, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/26/25 10:51	msp

GCC Rio Grande
Project ID:
Sample ID: MW-23

ACZ Sample ID: ***L95302-03***
Date Sampled: *06/11/25 15:19*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	877		*	mg/L	2	20	06/24/25 0:00	asn
Carbonate as CaCO3		1	91.3		*	mg/L	2	20	06/24/25 0:00	asn
Hydroxide as CaCO3		1	<2	U	*	mg/L	2	20	06/24/25 0:00	asn
Total Alkalinity		1	969		*	mg/L	2	20	06/24/25 0:00	asn
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-3.3			%			07/03/25 0:00	calc
Sum of Anions			31			meq/L			07/03/25 0:00	calc
Sum of Cations			29			meq/L			07/03/25 0:00	calc
Chloride	SM 4500-Cl E-2011	5	133		*	mg/L	5	10	06/17/25 11:54	jqr
Fluoride	SM 4500-F C-2011	1	0.62		*	mg/L	0.15	0.35	07/02/25 13:10	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		140			mg/L	0.2	5	07/03/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		2.85			mg/L	0.02	0.1	07/03/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	2.90		*	mg/L	0.02	0.1	06/13/25 1:36	pjb
Nitrite as N	EPA 353.2	1	0.048	B	*	mg/L	0.01	0.05	06/13/25 1:02	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	1740		*	mg/L	20	40	06/17/25 14:56	cjk
Sulfate	ASTM D516-07/-11/-16	25	355		*	mg/L	25	125	06/13/25 16:01	jqr
TDS (calculated)	Calculation		1730			mg/L			07/03/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.01						07/03/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-2B

ACZ Sample ID: ***L95302-04***
Date Sampled: *06/11/25 12:00*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	1	<0.07	U		mg/L	0.07	0.25	06/26/25 10:54	msp
Arsenic, dissolved	EPA 200.8	1	0.00092	B		mg/L	0.0002	0.001	06/17/25 17:21	gjl
Beryllium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/26/25 10:54	msp
Boron, dissolved	EPA 200.7	1	0.374			mg/L	0.03	0.1	06/26/25 10:54	msp
Cadmium, dissolved	EPA 200.8	1	0.000055	B		mg/L	0.00005	0.00025	06/17/25 17:21	gjl
Calcium, dissolved	EPA 200.7	1	31.3			mg/L	0.1	0.5	06/26/25 10:54	msp
Chromium, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/26/25 10:54	msp
Cobalt, dissolved	EPA 200.8	1	0.00102			mg/L	0.00005	0.00025	06/17/25 17:21	gjl
Copper, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/26/25 10:54	msp
Iron, dissolved	EPA 200.7	1	0.667			mg/L	0.06	0.15	06/26/25 10:54	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/17/25 17:21	gjl
Lithium, dissolved	EPA 200.7	1	0.167			mg/L	0.008	0.04	06/26/25 10:54	msp
Magnesium, dissolved	EPA 200.7	1	15.7			mg/L	0.2	1	06/26/25 10:54	msp
Manganese, dissolved	EPA 200.7	1	0.026	B		mg/L	0.01	0.05	06/26/25 10:54	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/16/25 15:19	rjw
Nickel, dissolved	EPA 200.7	1	<0.008	U		mg/L	0.008	0.04	06/26/25 10:54	msp
Potassium, dissolved	EPA 200.7	1	4.78			mg/L	0.5	1	06/26/25 10:54	msp
Selenium, dissolved	EPA 200.8	1	0.0198		*	mg/L	0.0001	0.00025	06/17/25 17:21	gjl
Sodium, dissolved	EPA 200.7	1	593		*	mg/L	0.2	1	06/26/25 10:54	msp
Vanadium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.025	06/26/25 10:54	msp
Zinc, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/26/25 10:54	msp

GCC Rio Grande
Project ID:
Sample ID: MW-2B

ACZ Sample ID: ***L95302-04***
Date Sampled: *06/11/25 12:00*
Date Received: *06/12/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	907		*	mg/L	2	20	06/24/25 0:00	asn
Carbonate as CaCO3		1	49.6		*	mg/L	2	20	06/24/25 0:00	asn
Hydroxide as CaCO3		1	<2	U	*	mg/L	2	20	06/24/25 0:00	asn
Total Alkalinity		1	956		*	mg/L	2	20	06/24/25 0:00	asn
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-3.3			%			07/03/25 0:00	calc
Sum of Anions			31			meq/L			07/03/25 0:00	calc
Sum of Cations			29			meq/L			07/03/25 0:00	calc
Chloride	SM 4500-Cl E-2011	5	131		*	mg/L	5	10	06/17/25 12:42	jqr
Fluoride	SM 4500-F C-2011	1	0.61		*	mg/L	0.15	0.35	07/02/25 13:14	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		143			mg/L	0.2	5	07/03/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		3.32			mg/L	0.02	0.1	07/03/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	3.38		*	mg/L	0.02	0.1	06/13/25 1:03	pjb
Nitrite as N	EPA 353.2	1	0.059		*	mg/L	0.01	0.05	06/13/25 1:03	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	2	1760		*	mg/L	40	80	06/17/25 14:58	cjk
Sulfate	ASTM D516-07/-11/-16	25	366		*	mg/L	25	125	06/13/25 16:02	jqr
TDS (calculated)	Calculation		1730			mg/L			07/03/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.02						07/03/25 0:00	calc

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1)	EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2)	EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3)	EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4)	EPA SW-846. Test Methods for Evaluating Solid Waste.
(5)	Standard Methods for the Examination of Water and Wastewater.

Comments

(1)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2)	Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3)	Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5)	If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

REP001.03.15.02

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614173													
WG614173LCSW3	LCSW	06/24/25 19:38	WC250618-2	820.0001		783	mg/L	95	90	110			
L95302-04DUP	DUP	06/24/25 21:13			956	956.9	mg/L				0	20	
WG614173LCSW6	LCSW	06/24/25 23:10	WC250618-2	820.0001		798.8	mg/L	97	90	110			
WG614173PBW2	PBW	06/24/25 23:24				12	mg/L		-20	20			
WG614173LCSW9	LCSW	06/25/25 2:51	WC250618-2	820.0001		793.8	mg/L	97	90	110			
WG614173PBW3	PBW	06/25/25 3:04				11.7	mg/L		-20	20			
WG614173LCSW12	LCSW	06/25/25 7:00	WC250618-2	820.0001		793.6	mg/L	97	90	110			
WG614173PBW4	PBW	06/25/25 7:14				12.6	mg/L		-20	20			
WG614173LCSW15	LCSW	06/25/25 11:31	WC250618-2	820.0001		803.7	mg/L	98	90	110			
WG614173PBW5	PBW	06/25/25 11:43				15.3	mg/L		-20	20			
WG614173LCSW18	LCSW	06/25/25 14:32	WC250618-2	820.0001		803.5	mg/L	98	90	110			
WG614173PBW6	PBW	06/25/25 14:46				12.2	mg/L		-20	20			
WG614173LCSW21	LCSW	06/25/25 18:52	WC250618-2	820.0001		807.1	mg/L	98	90	110			
WG614173PBW7	PBW	06/25/25 19:07				10.5	mg/L		-20	20			
WG614173LCSW24	LCSW	06/25/25 21:11	WC250618-2	820.0001		799.6	mg/L	98	90	110			

Aluminum, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		2.01	mg/L	101	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.21	0.21			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.250625		.258	mg/L	103	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	200.750625		204	mg/L	102	1	200			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	1.0025		.993	mg/L	99	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.966	mg/L	97	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.21	0.21			
L94468-06AS	AS	06/24/25 19:58	II250609-4	1.0025	U	1.01	mg/L	101	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	1.0025	U	1.02	mg/L	102	85	115	1	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.967	mg/L	97	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.21	0.21			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.995	mg/L	100	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.21	0.21			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		2.028	mg/L	101	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.21	0.21			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.250625		.239	mg/L	95	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	200.750625		211	mg/L	105	1	200			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	1.0025		1.015	mg/L	101	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	1.0025	U	1.021	mg/L	102	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	1.0025	U	1.04	mg/L	104	85	115	2	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		1.014	mg/L	101	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.21	0.21			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		1.011	mg/L	101	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.21	0.21			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		1.03	mg/L	103	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.21	0.21			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Arsenic, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613519													
WG613519ICV	ICV	06/17/25 16:59	MS250615-4	.05		.0479	mg/L	96	90	110			
WG613519ICB	ICB	06/17/25 17:01				U	mg/L		-0.00044	0.00044			
WG613519LFB	LFB	06/17/25 17:03	MS250603-3	.0501		.04931	mg/L	98	85	115			
L95302-03AS	AS	06/17/25 17:17	MS250603-3	.0501	.00085	.05927	mg/L	117	70	130			
L95302-03ASD	ASD	06/17/25 17:19	MS250603-3	.0501	.00085	.05761	mg/L	113	70	130	3	20	
WG613519CCV1	CCV	06/17/25 17:23	MS250522-4	.1002		.10364	mg/L	103	90	110			
WG613519CCB1	CCB	06/17/25 17:26				U	mg/L		-0.0006	0.0006			
WG613519CCV2	CCV	06/17/25 17:48	MS250522-4	.1002		.10792	mg/L	108	90	110			
WG613519CCB2	CCB	06/17/25 17:51				U	mg/L		-0.0006	0.0006			
WG613519CCV3	CCV	06/17/25 18:09	MS250522-4	.1002		.10924	mg/L	109	90	110			
WG613519CCB3	CCB	06/17/25 18:11				U	mg/L		-0.0006	0.0006			

Beryllium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		1.98	mg/L	99	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.03	0.03			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.05005		.05	mg/L	100	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1001		.098	mg/L	98	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.5005		.498	mg/L	100	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.974	mg/L	97	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.03	0.03			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.5005	U	.496	mg/L	99	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.5005	U	.499	mg/L	100	85	115	1	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.979	mg/L	98	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.03	0.03			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.974	mg/L	97	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.03	0.03			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.945	mg/L	97	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.03	0.03			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.05005		.053	mg/L	106	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1001		.099	mg/L	99	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.5005		.489	mg/L	98	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.5005	U	.494	mg/L	99	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.5005	U	.493	mg/L	99	85	115	0	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		.985	mg/L	99	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.03	0.03			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		.983	mg/L	98	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.03	0.03			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		.981	mg/L	98	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.03	0.03			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Boron, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		1.99	mg/L	100	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.09	0.09			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.1001		.1	mg/L	100	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1001		.091	mg/L	91	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.5005		.45	mg/L	90	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.968	mg/L	97	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.09	0.09			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.5005	.598	1.02	mg/L	84	85	115			MA
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.5005	.598	1.04	mg/L	88	85	115	2	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.975	mg/L	98	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.09	0.09			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.959	mg/L	96	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.09	0.09			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.962	mg/L	98	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.09	0.09			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.1001		.094	mg/L	94	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1001		.091	mg/L	91	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.5005		.443	mg/L	89	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.5005	.374	.825	mg/L	90	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.5005	.374	.809	mg/L	87	85	115	2	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		.99	mg/L	99	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.09	0.09			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		.993	mg/L	99	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.09	0.09			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		.987	mg/L	99	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.09	0.09			

Cadmium, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613519													
WG613519ICV	ICV	06/17/25 16:59	MS250615-4	.05		.049077	mg/L	98	90	110			
WG613519ICB	ICB	06/17/25 17:01				U	mg/L		-0.00011	0.00011			
WG613519LFB	LFB	06/17/25 17:03	MS250603-3	.05005		.047925	mg/L	96	85	115			
L95302-03AS	AS	06/17/25 17:17	MS250603-3	.05005	U	.049615	mg/L	99	70	130			
L95302-03ASD	ASD	06/17/25 17:19	MS250603-3	.05005	U	.049076	mg/L	98	70	130	1	20	
WG613519CCV1	CCV	06/17/25 17:23	MS250522-4	.1001		.098914	mg/L	99	90	110			
WG613519CCB1	CCB	06/17/25 17:26				U	mg/L		-0.00015	0.00015			
WG613519CCV2	CCV	06/17/25 17:48	MS250522-4	.1001		.10276	mg/L	103	90	110			
WG613519CCB2	CCB	06/17/25 17:51				U	mg/L		-0.00015	0.00015			
WG613519CCV3	CCV	06/17/25 18:09	MS250522-4	.1001		.10313	mg/L	103	90	110			
WG613519CCB3	CCB	06/17/25 18:11				.000515	mg/L		-0.00015	0.00015			BE

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Calcium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	100		102	mg/L	102	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.3	0.3			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.5025		.54	mg/L	107	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	200.7025		200	mg/L	100	1	200			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	68.56872		71	mg/L	104	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	50		49.7	mg/L	99	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.3	0.3			
L94468-06AS	AS	06/24/25 19:58	II250609-4	68.56872	.42	71	mg/L	103	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	68.56872	.42	72.6	mg/L	105	85	115	2	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	50		50.4	mg/L	101	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.3	0.3			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	50		49.7	mg/L	99	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.3	0.3			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	100		98.59	mg/L	99	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.3	0.3			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.5025		.54	mg/L	107	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	200.7025		197.3	mg/L	98	1	200			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	68.56872		68.17	mg/L	99	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	68.56872	31.3	100.2	mg/L	100	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	68.56872	31.3	101.2	mg/L	102	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	50		49.62	mg/L	99	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.3	0.3			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	50		49.88	mg/L	100	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.3	0.3			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	50		49.82	mg/L	100	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.3	0.3			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Chloride SM 4500-Cl E-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613560													
WG613560ICV	ICV	06/17/25 10:10	WI250102-6	40		39.92	mg/L	100	90	110			
WG613560ICB	ICB	06/17/25 10:10				U	mg/L						
WG613560CCV1	CCV	06/17/25 11:34	WI241113-1	25		25.25	mg/L	101	90	110			
WG613560CCB1	CCB	06/17/25 11:34				U	mg/L						
WG613560PQV	PQV	06/17/25 11:35	WI250513-1	2		1.96	mg/L	98	50	150			
WG613560LFB	LFB	06/17/25 11:35	WI250418-2	20		20.52	mg/L	103	90	110			
WG613560CCV2	CCV	06/17/25 11:38	WI241113-1	25		25.59	mg/L	102	90	110			
WG613560CCB2	CCB	06/17/25 11:38				U	mg/L						
WG613560CCV3	CCV	06/17/25 11:46	WI241113-1	25		25.6	mg/L	102	90	110			
WG613560CCB3	CCB	06/17/25 11:46				U	mg/L						
L95302-01AS	AS	06/17/25 11:52	5XCL GAL	20	154	169.9	mg/L	80	90	110			M3
L95302-01ASD	ASD	06/17/25 11:53	5XCL GAL	20	154	170.28	mg/L	81	90	110	0	20	M3
WG613560CCV4	CCV	06/17/25 11:54	WI241113-1	25		25.6	mg/L	102	90	110			
WG613560CCB4	CCB	06/17/25 11:54				U	mg/L						
WG613560CCB5	CCB	06/17/25 12:00				U	mg/L						
WG613560CCV5	CCV	06/17/25 12:01	WI241113-1	25		25.69	mg/L	103	90	110			
WG613560CCB6	CCB	06/17/25 12:02				U	mg/L						
WG613560CCV6	CCV	06/17/25 12:03	WI241113-1	25		25.77	mg/L	103	90	110			
WG613560CCB7	CCB	06/17/25 12:03				U	mg/L						
WG613560CCV7	CCV	06/17/25 12:41	WI241113-1	25		25.19	mg/L	101	90	110			
WG613560CCB8	CCB	06/17/25 12:41				U	mg/L						
WG613560CCV8	CCV	06/17/25 12:45	WI241113-1	25		25.67	mg/L	103	90	110			
WG613560CCB9	CCB	06/17/25 12:45				U	mg/L						
WG613560CCV9	CCV	06/17/25 12:46	WI241113-1	25		25.66	mg/L	103	90	110			
WG613560CCB10	CCB	06/17/25 12:47				U	mg/L						

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Chromium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		1.96	mg/L	98	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.06	0.06			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.05005		.054	mg/L	108	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1001		.111	mg/L	111	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.501		.478	mg/L	95	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.964	mg/L	96	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.06	0.06			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.501	U	.475	mg/L	95	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.501	U	.48	mg/L	96	85	115	1	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.974	mg/L	97	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.06	0.06			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.965	mg/L	97	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.06	0.06			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.932	mg/L	97	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.06	0.06			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.05005		.047	mg/L	94	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1001		.091	mg/L	91	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.501		.467	mg/L	93	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.501	U	.477	mg/L	95	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.501	U	.471	mg/L	94	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		.977	mg/L	98	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.06	0.06			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		.982	mg/L	98	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.06	0.06			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		.974	mg/L	97	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.06	0.06			

Cobalt, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613519													
WG613519ICV	ICV	06/17/25 16:59	MS250615-4	.05		.04933	mg/L	99	90	110			
WG613519ICB	ICB	06/17/25 17:01				U	mg/L		-0.00011	0.00011			
WG613519LFB	LFB	06/17/25 17:03	MS250603-3	.05005		.048856	mg/L	98	85	115			
L95302-03AS	AS	06/17/25 17:17	MS250603-3	.05005	.000941	.049489	mg/L	97	70	130			
L95302-03ASD	ASD	06/17/25 17:19	MS250603-3	.05005	.000941	.049229	mg/L	96	70	130	1	20	
WG613519CCV1	CCV	06/17/25 17:23	MS250522-4	.1001		.098291	mg/L	98	90	110			
WG613519CCB1	CCB	06/17/25 17:26				U	mg/L		-0.00015	0.00015			
WG613519CCV2	CCV	06/17/25 17:48	MS250522-4	.1001		.098674	mg/L	99	90	110			
WG613519CCB2	CCB	06/17/25 17:51				U	mg/L		-0.00015	0.00015			
WG613519CCV3	CCV	06/17/25 18:09	MS250522-4	.1001		.094613	mg/L	95	90	110			
WG613519CCB3	CCB	06/17/25 18:11				.000078	mg/L		-0.00015	0.00015			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Copper, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		1.95	mg/L	98	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.03	0.03			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.05005		.049	mg/L	98	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1001		.089	mg/L	89	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.5005		.484	mg/L	97	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.95	mg/L	95	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.03	0.03			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.5005	U	.492	mg/L	98	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.5005	U	.496	mg/L	99	85	115	1	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.957	mg/L	96	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.03	0.03			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.955	mg/L	96	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.03	0.03			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.984	mg/L	99	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.03	0.03			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.05005		.051	mg/L	102	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1001		.087	mg/L	87	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.5005		.49	mg/L	98	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.5005	U	.501	mg/L	100	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.5005	U	.507	mg/L	101	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		1.001	mg/L	100	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.03	0.03			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		1.002	mg/L	100	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.03	0.03			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		1	mg/L	100	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.03	0.03			

Fluoride SM 4500-F C-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614721													
WG614721ICV	ICV	07/02/25 12:41	WC250701-1	2		1.99	mg/L	100	90	110			
WG614721ICB	ICB	07/02/25 12:46				U	mg/L		-0.3	0.3			
WG614721PQV	PQV	07/02/25 12:49	WC250701-2	.35		.35	mg/L	100	50	150			
WG614721LFB1	LFB	07/02/25 12:53	WC250604-1	5		4.82	mg/L	96	90	110			
L95302-01AS	AS	07/02/25 12:59	WC250604-1	5	1.41	5.88	mg/L	89	90	110			MA
L95302-01ASD	ASD	07/02/25 13:03	WC250604-1	5	1.41	5.96	mg/L	91	90	110	1	20	
WG614721CCV1	CCV	07/02/25 13:30	WC250701-1	2		2.095	mg/L	105	90	110			
WG614721CCB1	CCB	07/02/25 13:35				U	mg/L		-0.3	0.3			
WG614721CCV2	CCV	07/02/25 14:27	WC250701-1	2		1.982	mg/L	99	90	110			
WG614721CCB2	CCB	07/02/25 14:32				U	mg/L		-0.3	0.3			
WG614721LFB2	LFB	07/02/25 14:52	WC250604-1	5		5.11	mg/L	102	90	110			
WG614721CCV3	CCV	07/02/25 15:16	WC250701-1	2		1.982	mg/L	99	90	110			
WG614721CCB3	CCB	07/02/25 15:24				U	mg/L		-0.3	0.3			
WG614721CCV4	CCV	07/02/25 16:06	WC250701-1	2		2.056	mg/L	103	90	110			
WG614721CCB4	CCB	07/02/25 16:12				U	mg/L		-0.3	0.3			
WG614721CCV5	CCV	07/02/25 17:10	WC250701-1	2		2.047	mg/L	102	90	110			
WG614721CCB5	CCB	07/02/25 17:18				U	mg/L		-0.3	0.3			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Iron, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		1.95	mg/L	98	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.18	0.18			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.15045		.156	mg/L	104	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	200.75045		191	mg/L	95	1	200			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	1.003		.981	mg/L	98	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.969	mg/L	97	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.18	0.18			
L94468-06AS	AS	06/24/25 19:58	II250609-4	1.003	U	.939	mg/L	94	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	1.003	U	.963	mg/L	96	85	115	3	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.967	mg/L	97	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.18	0.18			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		1.02	mg/L	102	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.18	0.18			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.978	mg/L	99	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.18	0.18			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.15045		.153	mg/L	102	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	200.75045		196.4	mg/L	98	1	200			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	1.003		.984	mg/L	98	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	1.003	.667	1.644	mg/L	97	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	1.003	.667	1.633	mg/L	96	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		1.024	mg/L	102	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.18	0.18			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		1.028	mg/L	103	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.18	0.18			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		1.015	mg/L	102	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.18	0.18			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Lead, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613519													
WG613519ICV	ICV	06/17/25 16:59	MS250615-4	.05		.05052	mg/L	101	90	110			
WG613519ICB	ICB	06/17/25 17:01				U	mg/L		-0.00022	0.00022			
WG613519LFB	LFB	06/17/25 17:03	MS250603-3	.05005		.04935	mg/L	99	85	115			
L95302-03AS	AS	06/17/25 17:17	MS250603-3	.05005	U	.05525	mg/L	110	70	130			
L95302-03ASD	ASD	06/17/25 17:19	MS250603-3	.05005	U	.055	mg/L	110	70	130	0	20	
WG613519CCV1	CCV	06/17/25 17:23	MS250522-4	.25025		.24986	mg/L	100	90	110			
WG613519CCB1	CCB	06/17/25 17:26				U	mg/L		-0.0003	0.0003			
WG613519CCV2	CCV	06/17/25 17:48	MS250522-4	.25025		.24878	mg/L	99	90	110			
WG613519CCB2	CCB	06/17/25 17:51				U	mg/L		-0.0003	0.0003			
WG613519CCV3	CCV	06/17/25 18:09	MS250522-4	.25025		.23877	mg/L	95	90	110			
WG613519CCB3	CCB	06/17/25 18:11				U	mg/L		-0.0003	0.0003			
WG613694													
WG613694ICV	ICV	06/18/25 17:08	MS250615-4	.05		.04981	mg/L	100	90	110			
WG613694ICB	ICB	06/18/25 17:10				U	mg/L		-0.00022	0.00022			
WG613694LFB	LFB	06/18/25 17:12	MS250603-3	.05005		.05009	mg/L	100	85	115			
WG613694CCV1	CCV	06/18/25 17:32	MS250522-4	.25025		.24658	mg/L	99	90	110			
WG613694CCB1	CCB	06/18/25 17:34				U	mg/L		-0.0003	0.0003			
WG613694CCV2	CCV	06/18/25 17:56	MS250522-4	.25025		.23139	mg/L	92	90	110			
WG613694CCB2	CCB	06/18/25 17:58				U	mg/L		-0.0003	0.0003			
L95316-01AS	AS	06/18/25 18:02	MS250603-3	.05005	U	.0493	mg/L	99	70	130			
L95316-01ASD	ASD	06/18/25 18:04	MS250603-3	.05005	U	.0494	mg/L	99	70	130	0	20	
WG613694CCV3	CCV	06/18/25 18:10	MS250522-4	.25025		.23436	mg/L	94	90	110			
WG613694CCB3	CCB	06/18/25 18:12				U	mg/L		-0.0003	0.0003			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Lithium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		2	mg/L	100	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.024	0.024			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.04004		.0435	mg/L	109	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1001		.1	mg/L	100	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	1.001		.941	mg/L	94	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.939	mg/L	94	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.024	0.024			
L94468-06AS	AS	06/24/25 19:58	II250609-4	1.001	.136	1.07	mg/L	93	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	1.001	.136	1.09	mg/L	95	85	115	2	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.956	mg/L	96	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.024	0.024			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.95	mg/L	95	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.024	0.024			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.967	mg/L	98	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.024	0.024			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.04004		.039	mg/L	97	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1001		.1023	mg/L	102	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	1.001		.9676	mg/L	97	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	1.001	.167	1.144	mg/L	98	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	1.001	.167	1.134	mg/L	97	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		.9889	mg/L	99	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.024	0.024			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		.9908	mg/L	99	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.024	0.024			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		.9888	mg/L	99	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.024	0.024			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Magnesium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	100		98.4	mg/L	98	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.6	0.6			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	1.0087		1.05	mg/L	104	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	202.7487		205	mg/L	101	1	200			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	50.3388		49	mg/L	97	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	50		48.1	mg/L	96	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.6	0.6			
L94468-06AS	AS	06/24/25 19:58	II250609-4	50.3388	U	47.9	mg/L	95	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	50.3388	U	49.3	mg/L	98	85	115	3	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	50		48.2	mg/L	96	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.6	0.6			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	50		47.7	mg/L	95	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.6	0.6			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	100		97.92	mg/L	98	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.6	0.6			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	1.0087		1.11	mg/L	110	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	202.7487		196.1	mg/L	97	1	200			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	50.3388		48.48	mg/L	96	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	50.3388	15.7	65.07	mg/L	98	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	50.3388	15.7	65.68	mg/L	99	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	50		49.13	mg/L	98	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.6	0.6			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	50		49.42	mg/L	99	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.6	0.6			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	50		49.15	mg/L	98	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.6	0.6			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Manganese, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		1.96	mg/L	98	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.03	0.03			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.0498		.052	mg/L	104	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	50.4498		46.8	mg/L	93	1	200			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.504		.498	mg/L	99	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.974	mg/L	97	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.03	0.03			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.504	U	.479	mg/L	95	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.504	U	.492	mg/L	98	85	115	3	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.973	mg/L	97	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.03	0.03			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.979	mg/L	98	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.03	0.03			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.962	mg/L	98	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.03	0.03			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.0498		.048	mg/L	96	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	50.4498		48.49	mg/L	96	1	200			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.504		.496	mg/L	98	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.504	.026	.531	mg/L	100	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.504	.026	.532	mg/L	100	85	115	0	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		1.003	mg/L	100	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.03	0.03			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		1.006	mg/L	101	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.03	0.03			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		1	mg/L	100	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.03	0.03			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Mercury, dissolved EPA 245.1

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613263													
WG613263ICV	ICV	06/16/25 13:22	HG250530-3	.00501		.00501	mg/L	100	90	110			
WG613263ICB	ICB	06/16/25 13:23				U	mg/L		-0.0006	0.0006			
WG613426													
WG613426CCV1	CCV	06/16/25 15:01	HG250530-3	.00501		.00518	mg/L	103	90	110			
WG613426CCB1	CCB	06/16/25 15:02				U	mg/L		-0.0002	0.0002			
WG613426PQV	PQV	06/16/25 15:03	HG250603-5	.001001		.00089	mg/L	89	70	130			
WG613426LRB	LRB	06/16/25 15:04				U	mg/L		-0.00044	0.00044			
WG613426LFB	LFB	06/16/25 15:05	HG250603-6	.002002		.00186	mg/L	93	85	115			
L95270-02LFM	LFM	06/16/25 15:08	HG250603-6	.002002	U	.00168	mg/L	84	85	115			M2
L95270-02LFMD	LFMD	06/16/25 15:09	HG250603-6	.002002	U	.00167	mg/L	83	85	115	1	20	M2
WG613426CCV2	CCV	06/16/25 15:13	HG250530-3	.00501		.00493	mg/L	98	90	110			
WG613426CCB2	CCB	06/16/25 15:14				U	mg/L		-0.0002	0.0002			
WG613426CCV3	CCV	06/16/25 15:24	HG250530-3	.00501		.00489	mg/L	98	90	110			
WG613426CCB3	CCB	06/16/25 15:25				U	mg/L		-0.0002	0.0002			
L95317-04LFM	LFM	06/16/25 15:26	HG250603-6	.002002	U	.00174	mg/L	87	85	115			
L95317-04LFMD	LFMD	06/16/25 15:27	HG250603-6	.002002	U	.00173	mg/L	86	85	115	1	20	
WG613426CCV4	CCV	06/16/25 15:32	HG250530-3	.00501		.005	mg/L	100	90	110			
WG613426CCB4	CCB	06/16/25 15:33				U	mg/L		-0.0002	0.0002			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Nickel, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2.004		2.04	mg/L	102	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.024	0.024			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.04004		.0429	mg/L	107	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1001		.0975	mg/L	97	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.5005		.512	mg/L	102	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1.002		1.03	mg/L	103	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.024	0.024			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.5005	U	.501	mg/L	100	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.5005	U	.515	mg/L	103	85	115	3	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1.002		1.04	mg/L	104	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.024	0.024			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1.002		1.02	mg/L	102	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.024	0.024			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2.004		1.9785	mg/L	99	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.024	0.024			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.04004		.0438	mg/L	109	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1001		.0928	mg/L	93	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.5005		.4851	mg/L	97	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.5005	U	.499	mg/L	100	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.5005	U	.4962	mg/L	99	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1.002		1.014	mg/L	101	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.024	0.024			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1.002		1.024	mg/L	102	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.024	0.024			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1.002		1.015	mg/L	101	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.024	0.024			

Nitrate/Nitrite as N EPA 353.2

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613278													
WG613278ICV	ICV	06/13/25 0:39	WI250408-7	2.4161		2.289	mg/L	95	90	110			
WG613278ICB	ICB	06/13/25 0:41				U	mg/L		-0.02	0.02			
WG613278PQV	PQV	06/13/25 0:44	WI250201-4	.1		.111	mg/L	111	70	130			
WG613278LFB	LFB	06/13/25 0:46	WI250201-3	2		2.131	mg/L	107	90	110			
L95293-01AS	AS	06/13/25 0:48	WI250201-3	2	1.33	3.428	mg/L	105	90	110			
WG613278CCV1	CCV	06/13/25 0:54	WI250611-7	2		1.963	mg/L	98	90	110			
WG613278CCB1	CCB	06/13/25 0:57				U	mg/L		-0.02	0.02			
WG613278CCV2	CCV	06/13/25 1:11	WI250611-7	2		1.958	mg/L	98	90	110			
WG613278CCB2	CCB	06/13/25 1:14				U	mg/L		-0.02	0.02			
WG613278CCV3	CCV	06/13/25 1:28	WI250611-7	2		1.954	mg/L	98	90	110			
WG613278CCB3	CCB	06/13/25 1:31				U	mg/L		-0.02	0.02			
L95294-01DUP	DUP	06/13/25 1:33			6.1	6.092	mg/L				0	20	
WG613278CCV4	CCV	06/13/25 1:42	WI250611-7	2		1.958	mg/L	98	90	110			
WG613278CCB4	CCB	06/13/25 1:45				U	mg/L		-0.02	0.02			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Nitrite as N EPA 353.2

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613278													
WG613278ICV	ICV	06/13/25 0:39	WI250408-7	.6089		.595	mg/L	98	90	110			
WG613278ICB	ICB	06/13/25 0:41				U	mg/L		-0.01	0.01			
WG613278PQV	PQV	06/13/25 0:44	WI250201-4	.05		.053	mg/L	106	70	130			
WG613278LFB	LFB	06/13/25 0:46	WI250201-3	1		1.088	mg/L	109	90	110			
L95294-01DUP	DUP	06/13/25 0:51			.524	.526	mg/L				0	20	
WG613278CCV1	CCV	06/13/25 0:54	WI250611-7	1		.997	mg/L	100	90	110			
WG613278CCB1	CCB	06/13/25 0:57				U	mg/L		-0.01	0.01			
WG613278CCV2	CCV	06/13/25 1:11	WI250611-7	1		.995	mg/L	100	90	110			
WG613278CCB2	CCB	06/13/25 1:14				U	mg/L		-0.01	0.01			
L95293-01AS	AS	06/13/25 1:26	WI250201-3	1	U	1.077	mg/L	108	90	110			
WG613278CCV3	CCV	06/13/25 1:28	WI250611-7	1		1.001	mg/L	100	90	110			
WG613278CCB3	CCB	06/13/25 1:31				U	mg/L		-0.01	0.01			
WG613278CCV4	CCV	06/13/25 1:42	WI250611-7	1		.998	mg/L	100	90	110			
WG613278CCB4	CCB	06/13/25 1:45				U	mg/L		-0.01	0.01			

Potassium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	20		20.3	mg/L	102	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-1.5	1.5			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	1.002		1.09	mg/L	109	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	1.002		1.04	mg/L	104	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	99.74088		98	mg/L	98	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	10		9.59	mg/L	96	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-1.5	1.5			
L94468-06AS	AS	06/24/25 19:58	II250609-4	99.74088	1.1	99.3	mg/L	98	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	99.74088	1.1	100	mg/L	99	85	115	1	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	10		9.72	mg/L	97	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-1.5	1.5			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	10		9.66	mg/L	97	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-1.5	1.5			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	20		19.72	mg/L	99	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-1.5	1.5			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	1.002		1.17	mg/L	117	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	1.002		1.14	mg/L	114	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	99.74088		97.33	mg/L	98	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	99.74088	4.78	103.5	mg/L	99	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	99.74088	4.78	104.5	mg/L	100	85	115	1	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	10		9.99	mg/L	100	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-1.5	1.5			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	10		10.04	mg/L	100	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-1.5	1.5			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	10		9.99	mg/L	100	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-1.5	1.5			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Residue, Filterable (TDS) @180C SM 2540 C-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613619													
WG613619PBW	PBW	06/17/25 14:17				U	mg/L		-20	20			
WG613619LCSW	LCSW	06/17/25 14:19	PCN628443	1000		1020	mg/L	102	90	110			
L95360-02DUP	DUP	06/17/25 15:17			846	836	mg/L				1	10	

Selenium, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613519													
WG613519ICV	ICV	06/17/25 16:59	MS250615-4	.05		.05193	mg/L	104	90	110			
WG613519ICB	ICB	06/17/25 17:01				.0002	mg/L		-0.00022	0.00022			
WG613519LFB	LFB	06/17/25 17:03	MS250603-3	.05005		.0518	mg/L	103	85	115			
L95302-03AS	AS	06/17/25 17:17	MS250603-3	.05005	.0172	.07938	mg/L	124	70	130			
L95302-03ASD	ASD	06/17/25 17:19	MS250603-3	.05005	.0172	.07688	mg/L	119	70	130	3	20	
WG613519CCV1	CCV	06/17/25 17:23	MS250522-4	.1001		.09686	mg/L	97	90	110			
WG613519CCB1	CCB	06/17/25 17:26				.00034	mg/L		-0.0003	0.0003			BB
WG613519CCV2	CCV	06/17/25 17:48	MS250522-4	.1001		.10218	mg/L	102	90	110			
WG613519CCV3	CCV	06/17/25 18:09	MS250522-4	.1001		.10224	mg/L	102	90	110			
WG613694													
WG613694ICV	ICV	06/18/25 17:08	MS250615-4	.05		.05078	mg/L	102	90	110			
WG613694ICB	ICB	06/18/25 17:10				U	mg/L		-0.00022	0.00022			
WG613694LFB	LFB	06/18/25 17:12	MS250603-3	.05005		.04927	mg/L	98	85	115			
WG613694CCV1	CCV	06/18/25 17:32	MS250522-4	.1001		.09961	mg/L	100	90	110			
WG613694CCB1	CCB	06/18/25 17:34				.00011	mg/L		-0.0003	0.0003			
WG613694CCV2	CCV	06/18/25 17:56	MS250522-4	.1001		.0941	mg/L	94	90	110			
WG613694CCB2	CCB	06/18/25 17:58				U	mg/L		-0.0003	0.0003			
L95316-01AS	AS	06/18/25 18:02	MS250603-3	.05005	.00021	.05233	mg/L	104	70	130			
L95316-01ASD	ASD	06/18/25 18:04	MS250603-3	.05005	.00021	.05317	mg/L	106	70	130	2	20	
WG613694CCV3	CCV	06/18/25 18:10	MS250522-4	.1001		.09513	mg/L	95	90	110			
WG613694CCB3	CCB	06/18/25 18:12				.00013	mg/L		-0.0003	0.0003			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Sodium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	100		103	mg/L	103	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.6	0.6			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.9958		1.09	mg/L	109	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.9958		1.06	mg/L	106	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	99.35789		97.8	mg/L	98	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	50		48.3	mg/L	97	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.6	0.6			
L94468-06AS	AS	06/24/25 19:58	II250609-4	99.35789	94.2	186	mg/L	92	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	99.35789	94.2	188	mg/L	94	85	115	1	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	50		49.3	mg/L	99	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.6	0.6			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	50		48.6	mg/L	97	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.6	0.6			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	100		99.9	mg/L	100	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.6	0.6			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.9958		1.12	mg/L	112	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.9958		1.11	mg/L	111	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	99.35789		98.21	mg/L	99	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	99.35789	593	671.2	mg/L	79	85	115			M3
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	99.35789	593	669.1	mg/L	77	85	115	0	20	M3
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	50		50.34	mg/L	101	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.6	0.6			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	50		50.59	mg/L	101	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.6	0.6			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	50		50.62	mg/L	101	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.6	0.6			

Sulfate ASTM D516-07/-11/-16

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613346													
WG613346ICV	ICV	06/13/25 12:57	WI250605-1	20.06		21.5	mg/L	107	85	115			
WG613346ICB	ICB	06/13/25 12:57				U	mg/L		-2.5	2.5			
WG613346CCV1	CCV	06/13/25 15:19	WI250602-3	25		26.9	mg/L	108	85	115			
WG613346CCB1	CCB	06/13/25 15:19				U	mg/L		-2.5	2.5			
WG613346LFB	LFB	06/13/25 15:19	WI250422-3	10		9.9	mg/L	99	85	115			
WG613346CCV2	CCV	06/13/25 15:22	WI250602-3	25		25	mg/L	100	85	115			
WG613346CCB2	CCB	06/13/25 15:22				U	mg/L		-2.5	2.5			
WG613346CCV3	CCV	06/13/25 15:26	WI250602-3	25		25.4	mg/L	102	85	115			
WG613346CCB3	CCB	06/13/25 15:26				U	mg/L		-2.5	2.5			
WG613346CCV9	CCV	06/13/25 15:59	WI250602-3	25		24.9	mg/L	100	85	115			
WG613346CCB9	CCB	06/13/25 15:59				U	mg/L		-2.5	2.5			
L95345-05AS	AS	06/13/25 16:04	SO4TURB25X	10	433	443.2	mg/L	102	85	115			
WG613346CCV10	CCV	06/13/25 16:04	WI250602-3	25		24.7	mg/L	99	85	115			
WG613346CCB10	CCB	06/13/25 16:04				U	mg/L		-2.5	2.5			
L95345-05ASD	ASD	06/13/25 16:07	SO4TURB25X	10	433	472.6	mg/L	396	85	115	6	20	M3
WG613346CCV11	CCV	06/13/25 16:08	WI250602-3	25		24.8	mg/L	99	85	115			
WG613346CCB11	CCB	06/13/25 16:08				U	mg/L		-2.5	2.5			

GCC

ACZ Project ID: ***L95302***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Vanadium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		2	mg/L	100	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.03	0.03			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.025025		.028	mg/L	112	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1001		.102	mg/L	102	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.5005		.512	mg/L	102	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.963	mg/L	96	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.03	0.03			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.5005	.032	.536	mg/L	101	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.5005	.032	.547	mg/L	103	85	115	2	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.975	mg/L	98	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.03	0.03			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		.97	mg/L	97	90	110			
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.03	0.03			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.975	mg/L	99	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.03	0.03			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.025025		.028	mg/L	112	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1001		.091	mg/L	91	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.5005		.4993	mg/L	100	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.5005	U	.5102	mg/L	102	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.5005	U	.518	mg/L	103	85	115	2	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		.989	mg/L	99	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.03	0.03			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		.993	mg/L	99	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.03	0.03			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		.996	mg/L	100	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.03	0.03			

GCC

ACZ Project ID: ***L95302***

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Zinc, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614168													
WG614168ICV	ICV	06/24/25 19:11	II250612-3	2		1.93	mg/L	97	95	105			
WG614168ICB	ICB	06/24/25 19:13				U	mg/L		-0.06	0.06			
WG614168PQV	PQV	06/24/25 19:15	II250609-2	.0502		.055	mg/L	110	70	130			
WG614168SIC	SIC	06/24/25 19:17	II250528-2	.1004		.092	mg/L	92	80	120			
WG614168LFB	LFB	06/24/25 19:21	II250609-4	.5005		.501	mg/L	100	85	115			
WG614168CCV1	CCV	06/24/25 19:41	II250617-3	1		.97	mg/L	97	90	110			
WG614168CCB1	CCB	06/24/25 19:42				U	mg/L		-0.06	0.06			
L94468-06AS	AS	06/24/25 19:58	II250609-4	.5005	U	.498	mg/L	100	85	115			
L94468-06ASD	ASD	06/24/25 20:00	II250609-4	.5005	U	.508	mg/L	101	85	115	2	20	
WG614168CCV2	CCV	06/24/25 20:04	II250617-3	1		.968	mg/L	97	90	110			
WG614168CCB2	CCB	06/24/25 20:06				U	mg/L		-0.06	0.06			
WG614168CCV3	CCV	06/24/25 20:17	II250617-3	1		1.26	mg/L	126	90	110			VC
WG614168CCB3	CCB	06/24/25 20:19				U	mg/L		-0.06	0.06			
WG614260													
WG614260ICV	ICV	06/26/25 10:23	II250612-3	2		1.914	mg/L	96	95	105			
WG614260ICB	ICB	06/26/25 10:29				U	mg/L		-0.06	0.06			
WG614260PQV	PQV	06/26/25 10:32	II250609-2	.0502		.05	mg/L	100	70	130			
WG614260SIC	SIC	06/26/25 10:35	II250623-1	.1004		.093	mg/L	93	80	120			
WG614260LFB	LFB	06/26/25 10:42	II250624-4	.5005		.487	mg/L	97	85	115			
L95302-04AS	AS	06/26/25 10:57	II250624-4	.5005	U	.506	mg/L	101	85	115			
L95302-04ASD	ASD	06/26/25 11:00	II250624-4	.5005	U	.504	mg/L	101	85	115	0	20	
WG614260CCV1	CCV	06/26/25 11:13	II250617-3	1		.975	mg/L	98	90	110			
WG614260CCB1	CCB	06/26/25 11:16				U	mg/L		-0.06	0.06			
WG614260CCV2	CCV	06/26/25 11:51	II250617-3	1		.986	mg/L	99	90	110			
WG614260CCB2	CCB	06/26/25 11:54				U	mg/L		-0.06	0.06			
WG614260CCV3	CCV	06/26/25 12:13	II250617-3	1		.974	mg/L	97	90	110			
WG614260CCB3	CCB	06/26/25 12:16				U	mg/L		-0.06	0.06			

GCC Rio Grande ACZ Project ID: ***L95302***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95302-01	WG614173	Bicarbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG614168	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614173	Carbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613560	Chloride	SM 4500-Cl E-2011	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			SM 4500-Cl E-2011	Q6	Sample was received above recommended temperature.
	WG614721	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
			SM 4500-F C-2011	Q6	Sample was received above recommended temperature.
	WG614173	Hydroxide as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613426	Mercury, dissolved	EPA 245.1	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG613278	Nitrate/Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
		Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
	WG613619	Residue, Filterable (TDS) @180C	SM 2540 C-2011	Q6	Sample was received above recommended temperature.
	WG613694	Selenium, dissolved	EPA 200.8	DB	Sample required dilution due to low bias result.
	WG613346	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			ASTM D516-07/-11/-16	Q6	Sample was received above recommended temperature.
	WG614173	Total Alkalinity	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG614168	Zinc, dissolved	EPA 200.7	VC	CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].

GCC Rio Grande ACZ Project ID: ***L95302***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95302-02	WG614173	Bicarbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG614168	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614173	Carbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613560	Chloride	SM 4500-Cl E-2011	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			SM 4500-Cl E-2011	Q6	Sample was received above recommended temperature.
	WG614721	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
			SM 4500-F C-2011	Q6	Sample was received above recommended temperature.
	WG614173	Hydroxide as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613694	Lead, dissolved	EPA 200.8	DB	Sample required dilution due to low bias result.
	WG613426	Mercury, dissolved	EPA 245.1	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG613278	Nitrate/Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
		Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
	WG613619	Residue, Filterable (TDS) @180C	SM 2540 C-2011	Q6	Sample was received above recommended temperature.
	WG613694	Selenium, dissolved	EPA 200.8	DB	Sample required dilution due to low bias result.
	WG613346	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			ASTM D516-07/-11/-16	Q6	Sample was received above recommended temperature.
	WG614173	Total Alkalinity	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG614168	Zinc, dissolved	EPA 200.7	VC	CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].

GCC Rio Grande ACZ Project ID: ***L95302***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95302-03	WG614173	Bicarbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613560	Chloride	SM 4500-Cl E-2011	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			SM 4500-Cl E-2011	Q6	Sample was received above recommended temperature.
	WG614721	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
			SM 4500-F C-2011	Q6	Sample was received above recommended temperature.
	WG614173	Hydroxide as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613426	Mercury, dissolved	EPA 245.1	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG613278	Nitrate/Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
		Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
	WG613619	Residue, Filterable (TDS) @180C	SM 2540 C-2011	Q6	Sample was received above recommended temperature.
	WG613519	Selenium, dissolved	EPA 200.8	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
	WG614260	Sodium, dissolved	EPA 200.7	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
	WG613346	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			ASTM D516-07/-11/-16	Q6	Sample was received above recommended temperature.
	WG614173	Total Alkalinity	SM 2320 B-2011	Q6	Sample was received above recommended temperature.

GCC Rio Grande ACZ Project ID: ***L95302***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95302-04	WG614173	Bicarbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613560	Chloride	SM 4500-Cl E-2011	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			SM 4500-Cl E-2011	Q6	Sample was received above recommended temperature.
	WG614721	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
			SM 4500-F C-2011	Q6	Sample was received above recommended temperature.
	WG614173	Hydroxide as CaCO3	SM 2320 B-2011	Q6	Sample was received above recommended temperature.
	WG613278	Nitrate/Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
		Nitrite as N	EPA 353.2	Q6	Sample was received above recommended temperature.
	WG613619	Residue, Filterable (TDS) @180C	SM 2540 C-2011	Q6	Sample was received above recommended temperature.
	WG613519	Selenium, dissolved	EPA 200.8	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
	WG614260	Sodium, dissolved	EPA 200.7	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
	WG613346	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
			ASTM D516-07/-11/-16	Q6	Sample was received above recommended temperature.
	WG614173	Total Alkalinity	SM 2320 B-2011	Q6	Sample was received above recommended temperature.

Certification Qualifiers

GCC Rio Grande

ACZ Project ID: ***L95302***

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

GCC Rio Grande

ACZ Project ID: L95302
Date Received: 06/12/2025 10:59
Received By:
Date Printed: 6/12/2025

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?		X	

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
NA45326	9.9	<=6.0	15	Yes

Was this a domestic shipment?

Yes - This is a domestic shipment.

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

GCC Rio Grande

ACZ Project ID: L95302
Date Received: 06/12/2025 10:59
Received By:
Date Printed: 6/12/2025

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ LABORATORIES | Accredited Environmental Testing | 2773 Downhill Drive, Steamboat Springs, CO 80487, (970) 879-6590 | L95302

CHAIN of CUSTODY

Report to:

Name: Meghan Way	Address: 3372 Lime Road
Company: GCC Rio Grande Inc	Pueblo CO 81004
E-mail: meghanway@gcc.com	Telephone: 719-647-6861

Copy of Report to:

Name: Landon Beck	E-mail: lbeck@slrconsulting.com
Company: SLR Consulting	Telephone: (970) 459-4865

Invoice to:

Name: Meghan Way	Address: 3372 Lime Road
Company: GCC Rio Grande Inc	Pueblo CO 81004
E-mail: meghanway@gcc.com	Telephone: 719-647-6861

Copy of Invoice to:

Name: Amy Rodrigues	Address:
Company: GCC Rio Grande Inc	
E-mail: aveek@gcc.com	Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES ✓ NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes No ✓

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: Meghan Way Sampler's Site Information State CO Zip code 81004 Time Zone MST

*Sampler's Signature: [signature]

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: GW-COMPLIANCE

PO#: 310180

Reporting state for compliance testing:

Check box if samples include NRC licensed material?

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	GW-Compliance							
MW-21	6/11/2025 13:47	GW	3	✓							
MW-22	6/11/2025 14:32	GW	3	✓							
MW-23	6/11/2025 15:19	GW	3	✓							
MW-2B	6/11/2025 12:00	GW	3	✓							

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
[signature]	6/11/25 16:30	[signature]	6/12/25 0859

Qualtrax ID: 1984 Revision #: 2 White - Return with sample. Yellow - Retain for your records.

L95302 Chain of Custo

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

July 08, 2025

Report to:
Meghan Way
GCC Rio Grande
3372 Lime Road
Pueblo, CO 81004

cc: Landon Beck

Bill to:
Meghan Way
GCC Rio Grande
3372 Lime Road
Pueblo, CO 81004

Project ID:
ACZ Project ID: L95442

Meghan Way:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on June 18, 2025. This project has been assigned to ACZ's project number, L95442. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L95442. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after July 08, 2026. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Sue Webber has reviewed and approved this report.

GCC Rio Grande

July 08, 2025

Project ID:
ACZ Project ID: L95442

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 11 groundwater samples from GCC Rio Grande on June 18, 2025. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L95442. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

Holding Times

All analyses were performed within EPA recommended holding times.

Sample Analysis

These samples were analyzed for inorganic parameters. The individual methods are referenced on both, the ACZ invoice and the analytical reports.

GCC Rio Grande
Project ID:
Sample ID: MW-20

ACZ Sample ID: ***L95442-01***
Date Sampled: *06/17/25 08:34*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/27/25 17:37	msp
Arsenic, dissolved	EPA 200.8	1	0.00310			mg/L	0.0002	0.001	06/24/25 10:41	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:37	msp
Boron, dissolved	EPA 200.7	2	0.835		*	mg/L	0.06	0.2	06/27/25 17:37	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/24/25 10:41	gjl
Calcium, dissolved	EPA 200.7	2	8.46			mg/L	0.2	1	06/27/25 17:37	msp
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:37	msp
Cobalt, dissolved	EPA 200.8	1	0.000349			mg/L	0.00005	0.00025	06/24/25 10:41	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:37	msp
Iron, dissolved	EPA 200.7	2	0.121	B		mg/L	0.12	0.3	06/27/25 17:37	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 10:41	gjl
Lithium, dissolved	EPA 200.7	2	0.188			mg/L	0.016	0.08	06/27/25 17:37	msp
Magnesium, dissolved	EPA 200.7	2	3.24			mg/L	0.4	2	06/27/25 17:37	msp
Manganese, dissolved	EPA 200.7	2	0.045	B		mg/L	0.02	0.1	06/27/25 17:37	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:27	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/27/25 17:37	msp
Potassium, dissolved	EPA 200.7	2	3.35			mg/L	1	2	06/27/25 17:37	msp
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/27/25 12:07	gjl
Sodium, dissolved	EPA 200.7	2	876		*	mg/L	0.4	2	06/27/25 17:37	msp
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/27/25 17:37	msp
Zinc, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:37	msp

GCC Rio Grande
Project ID:
Sample ID: MW-20

ACZ Sample ID: ***L95442-01***
Date Sampled: *06/17/25 08:34*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	562			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	52.7			mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	615			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-7.1			%			07/08/25 0:00	calc
Sum of Anions			45			meq/L			07/08/25 0:00	calc
Sum of Cations			39			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	50	1120			mg/L	50	100	06/19/25 16:09	jqr
Fluoride	SM 4500-F C-2011	1	2.39		*	mg/L	0.15	0.35	07/03/25 13:12	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		35			mg/L	0.5	10	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.026	B		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.026	B	*	mg/L	0.02	0.1	06/19/25 0:14	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:14	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	2	2200			mg/L	40	80	06/23/25 14:53	cob
Sulfate	ASTM D516-07/-11/-16	5	46.8		*	mg/L	5	25	06/24/25 13:23	jqr
TDS (calculated)	Calculation		2430			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.91						07/08/25 0:00	calc

ACZ **Laboratories, Inc.**
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

GCC Rio Grande
Project ID:
Sample ID: MW-19

ACZ Sample ID: ***L95442-02***
Date Sampled: *06/17/25 09:09*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	5	<0.35	U	*	mg/L	0.35	1.25	07/01/25 0:41	msp
Arsenic, dissolved	EPA 200.8	1	<0.0002	U		mg/L	0.0002	0.001	06/24/25 10:43	gjl
Beryllium, dissolved	EPA 200.7	5	<0.05	U	*	mg/L	0.05	0.25	07/01/25 0:41	msp
Boron, dissolved	EPA 200.7	5	0.489	B	*	mg/L	0.15	0.5	07/01/25 0:41	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/24/25 10:43	gjl
Calcium, dissolved	EPA 200.7	5	11.0			mg/L	0.5	2.5	07/01/25 0:41	msp
Chromium, dissolved	EPA 200.7	5	<0.1	U	*	mg/L	0.1	0.25	07/01/25 0:41	msp
Cobalt, dissolved	EPA 200.8	1	0.000262			mg/L	0.00005	0.00025	06/24/25 10:43	gjl
Copper, dissolved	EPA 200.7	5	<0.05	U	*	mg/L	0.05	0.25	07/01/25 0:41	msp
Iron, dissolved	EPA 200.7	5	<0.3	U	*	mg/L	0.3	0.75	07/01/25 0:41	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 10:43	gjl
Lithium, dissolved	EPA 200.7	5	0.114	B	*	mg/L	0.04	0.2	07/01/25 0:41	msp
Magnesium, dissolved	EPA 200.7	5	4.48	B	*	mg/L	1	5	07/01/25 0:41	msp
Manganese, dissolved	EPA 200.7	5	<0.05	U	*	mg/L	0.05	0.25	07/01/25 0:41	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:28	rjw
Nickel, dissolved	EPA 200.7	5	<0.04	U	*	mg/L	0.04	0.2	07/01/25 0:41	msp
Potassium, dissolved	EPA 200.7	5	2.63	B	*	mg/L	2.5	5	07/01/25 0:41	msp
Selenium, dissolved	EPA 200.8	1	<0.0001	U	*	mg/L	0.0001	0.00025	06/27/25 12:09	gjl
Sodium, dissolved	EPA 200.7	5	514			mg/L	1	5	07/01/25 0:41	msp
Vanadium, dissolved	EPA 200.7	5	<0.05	U	*	mg/L	0.05	0.125	07/01/25 0:41	msp
Zinc, dissolved	EPA 200.7	5	<0.1	U	*	mg/L	0.1	0.25	07/01/25 0:41	msp

GCC Rio Grande
Project ID:
Sample ID: MW-19

ACZ Sample ID: ***L95442-02***
Date Sampled: *06/17/25 09:09*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	483			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	55.7			mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	538			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			4.3			%			07/08/25 0:00	calc
Sum of Anions			22			meq/L			07/08/25 0:00	calc
Sum of Cations			24			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	5	127			mg/L	5	10	06/19/25 15:29	jqr
Fluoride	SM 4500-F C-2011	1	1.58		*	mg/L	0.15	0.35	07/03/25 13:16	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		46			mg/L	1	30	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.034	B		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.034	B	*	mg/L	0.02	0.1	06/19/25 0:15	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:15	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	1340			mg/L	20	40	06/23/25 14:56	cob
Sulfate	ASTM D516-07/-11/-16	25	381		*	mg/L	25	125	06/24/25 13:24	jqr
TDS (calculated)	Calculation		1370			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.98						07/08/25 0:00	calc

ACZ **Laboratories, Inc.**
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

GCC Rio Grande
Project ID:
Sample ID: MW-12

ACZ Sample ID: ***L95442-03***
Date Sampled: *06/17/25 09:55*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/27/25 17:44	msp
Arsenic, dissolved	EPA 200.8	1	0.00286			mg/L	0.0002	0.001	06/24/25 10:45	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:44	msp
Boron, dissolved	EPA 200.7	2	0.912		*	mg/L	0.06	0.2	06/27/25 17:44	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/24/25 10:45	gjl
Calcium, dissolved	EPA 200.7	2	19.2			mg/L	0.2	1	06/27/25 17:44	msp
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:44	msp
Cobalt, dissolved	EPA 200.8	1	0.000483			mg/L	0.00005	0.00025	06/24/25 10:45	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:44	msp
Iron, dissolved	EPA 200.7	2	0.134	B		mg/L	0.12	0.3	06/27/25 17:44	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 10:45	gjl
Lithium, dissolved	EPA 200.7	2	0.220			mg/L	0.016	0.08	06/27/25 17:44	msp
Magnesium, dissolved	EPA 200.7	2	8.57			mg/L	0.4	2	06/27/25 17:44	msp
Manganese, dissolved	EPA 200.7	2	0.040	B		mg/L	0.02	0.1	06/27/25 17:44	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:31	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/27/25 17:44	msp
Potassium, dissolved	EPA 200.7	2	3.75			mg/L	1	2	06/27/25 17:44	msp
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/27/25 12:11	gjl
Sodium, dissolved	EPA 200.7	2	1010		*	mg/L	0.4	2	06/27/25 17:44	msp
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/27/25 17:44	msp
Zinc, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:44	msp

GCC Rio Grande
Project ID:
Sample ID: MW-12

ACZ Sample ID: ***L95442-03***
Date Sampled: *06/17/25 09:55*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	585			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	52.5			mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	637			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-2.1			%			07/08/25 0:00	calc
Sum of Anions			48			meq/L			07/08/25 0:00	calc
Sum of Cations			46			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	50	1080			mg/L	50	100	06/19/25 16:09	jqr
Fluoride	SM 4500-F C-2011	1	1.74		*	mg/L	0.15	0.35	07/03/25 13:30	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		83			mg/L	0.5	10	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.027	B		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.027	B	*	mg/L	0.02	0.1	06/19/25 0:16	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:16	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	2590			mg/L	20	40	06/23/25 14:58	cob
Sulfate	ASTM D516-07/-11/-16	25	225		*	mg/L	25	125	06/24/25 13:25	jqr
TDS (calculated)	Calculation		2740			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.95						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-11

ACZ Sample ID: ***L95442-04***
Date Sampled: *06/17/25 10:33*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/27/25 17:47	msp
Arsenic, dissolved	EPA 200.8	1	<0.0002	U		mg/L	0.0002	0.001	06/24/25 10:48	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:47	msp
Boron, dissolved	EPA 200.7	2	0.479		*	mg/L	0.06	0.2	06/27/25 17:47	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/24/25 10:48	gjl
Calcium, dissolved	EPA 200.7	2	64.1			mg/L	0.2	1	06/27/25 17:47	msp
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:47	msp
Cobalt, dissolved	EPA 200.8	1	0.000470			mg/L	0.00005	0.00025	06/24/25 10:48	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:47	msp
Iron, dissolved	EPA 200.7	2	<0.12	U		mg/L	0.12	0.3	06/27/25 17:47	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 10:48	gjl
Lithium, dissolved	EPA 200.7	2	0.212			mg/L	0.016	0.08	06/27/25 17:47	msp
Magnesium, dissolved	EPA 200.7	2	43.6			mg/L	0.4	2	06/27/25 17:47	msp
Manganese, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:47	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:32	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/27/25 17:47	msp
Potassium, dissolved	EPA 200.7	2	4.20			mg/L	1	2	06/27/25 17:47	msp
Selenium, dissolved	EPA 200.8	1	0.0368		*	mg/L	0.0001	0.00025	06/24/25 10:48	gjl
Sodium, dissolved	EPA 200.7	2	684		*	mg/L	0.4	2	06/27/25 17:47	msp
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/27/25 17:47	msp
Zinc, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:47	msp

GCC Rio Grande
Project ID:
Sample ID: MW-11

ACZ Sample ID: ***L95442-04***
Date Sampled: *06/17/25 10:33*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	723			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	723			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			0.0			%			07/08/25 0:00	calc
Sum of Anions			37			meq/L			07/08/25 0:00	calc
Sum of Cations			37.0			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	5	161			mg/L	5	10	06/19/25 15:31	jqr
Fluoride	SM 4500-F C-2011	1	0.79		*	mg/L	0.15	0.35	07/03/25 13:34	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		340			mg/L	0.5	10	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.022	B		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.022	B	*	mg/L	0.02	0.1	06/19/25 0:17	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:17	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	2270			mg/L	20	40	06/23/25 15:04	cob
Sulfate	ASTM D516-07/-11/-16	100	847		*	mg/L	100	500	06/24/25 13:25	jqr
TDS (calculated)	Calculation		2250			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.01						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-6

ACZ Sample ID: ***L95442-05***
Date Sampled: *06/17/25 11:03*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	5	<0.35	U		mg/L	0.35	1.25	06/27/25 17:50	msp
Arsenic, dissolved	EPA 200.8	1	0.00231			mg/L	0.0002	0.001	06/24/25 10:50	gjl
Beryllium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/27/25 17:50	msp
Boron, dissolved	EPA 200.7	5	0.375	B	*	mg/L	0.15	0.5	06/27/25 17:50	msp
Cadmium, dissolved	EPA 200.8	1	0.000101	B		mg/L	0.00005	0.00025	06/24/25 10:50	gjl
Calcium, dissolved	EPA 200.7	5	347			mg/L	0.5	2.5	06/27/25 17:50	msp
Chromium, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/27/25 17:50	msp
Cobalt, dissolved	EPA 200.8	1	0.0220			mg/L	0.00005	0.00025	06/24/25 10:50	gjl
Copper, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/27/25 17:50	msp
Iron, dissolved	EPA 200.7	5	1.82			mg/L	0.3	0.75	06/27/25 17:50	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 10:50	gjl
Lithium, dissolved	EPA 200.7	5	0.370			mg/L	0.04	0.2	06/27/25 17:50	msp
Magnesium, dissolved	EPA 200.7	5	320			mg/L	1	5	06/27/25 17:50	msp
Manganese, dissolved	EPA 200.7	5	0.501			mg/L	0.05	0.25	06/27/25 17:50	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:33	rjw
Nickel, dissolved	EPA 200.7	5	0.0575	B		mg/L	0.04	0.2	06/27/25 17:50	msp
Potassium, dissolved	EPA 200.7	5	8.71			mg/L	2.5	5	06/27/25 17:50	msp
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	07/01/25 14:06	aps
Sodium, dissolved	EPA 200.7	5	651		*	mg/L	1	5	06/27/25 17:50	msp
Vanadium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.125	06/27/25 17:50	msp
Zinc, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/27/25 17:50	msp

GCC Rio Grande
Project ID:
Sample ID: MW-6

ACZ Sample ID: ***L95442-05***
Date Sampled: *06/17/25 11:03*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	479			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	479			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			0.0			%			07/08/25 0:00	calc
Sum of Anions			73			meq/L			07/08/25 0:00	calc
Sum of Cations			73			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	5	98.2			mg/L	5	10	06/19/25 15:31	jqr
Fluoride	SM 4500-F C-2011	1	0.50		*	mg/L	0.15	0.35	07/03/25 13:38	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		2180			mg/L	1	30	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		<0.02	U		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	<0.02	U	*	mg/L	0.02	0.1	06/19/25 0:20	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:20	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	2	4760			mg/L	40	80	06/23/25 15:06	cob
Sulfate	ASTM D516-07/-11/-16	100	2880		*	mg/L	100	500	06/24/25 13:26	jqr
TDS (calculated)	Calculation		4600			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.03						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-7

ACZ Sample ID: ***L95442-06***
Date Sampled: *06/17/25 11:32*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	5	<0.35	U		mg/L	0.35	1.25	06/27/25 17:53	msp
Arsenic, dissolved	EPA 200.8	1	0.00040	B		mg/L	0.0002	0.001	06/24/25 10:57	gjl
Beryllium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/27/25 17:53	msp
Boron, dissolved	EPA 200.7	5	0.345	B	*	mg/L	0.15	0.5	06/27/25 17:53	msp
Cadmium, dissolved	EPA 200.8	1	0.000100	B		mg/L	0.00005	0.00025	06/24/25 10:57	gjl
Calcium, dissolved	EPA 200.7	5	403			mg/L	0.5	2.5	06/27/25 17:53	msp
Chromium, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/27/25 17:53	msp
Cobalt, dissolved	EPA 200.8	1	0.00298			mg/L	0.00005	0.00025	06/24/25 10:57	gjl
Copper, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/27/25 17:53	msp
Iron, dissolved	EPA 200.7	5	0.853			mg/L	0.3	0.75	06/27/25 17:53	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 10:57	gjl
Lithium, dissolved	EPA 200.7	5	0.418			mg/L	0.04	0.2	06/27/25 17:53	msp
Magnesium, dissolved	EPA 200.7	5	332			mg/L	1	5	06/27/25 17:53	msp
Manganese, dissolved	EPA 200.7	5	0.119	B		mg/L	0.05	0.25	06/27/25 17:53	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:36	rjw
Nickel, dissolved	EPA 200.7	5	<0.04	U		mg/L	0.04	0.2	06/27/25 17:53	msp
Potassium, dissolved	EPA 200.7	5	10.4			mg/L	2.5	5	06/27/25 17:53	msp
Selenium, dissolved	EPA 200.8	1	0.0132		*	mg/L	0.0001	0.00025	06/24/25 10:57	gjl
Sodium, dissolved	EPA 200.7	5	625		*	mg/L	1	5	06/27/25 17:53	msp
Vanadium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.125	06/27/25 17:53	msp
Zinc, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/27/25 17:53	msp

GCC Rio Grande
Project ID:
Sample ID: MW-7

ACZ Sample ID: ***L95442-06***
Date Sampled: *06/17/25 11:32*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	409			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	409			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-1.3			%			07/08/25 0:00	calc
Sum of Anions			77			meq/L			07/08/25 0:00	calc
Sum of Cations			75			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	5	104			mg/L	5	10	06/19/25 15:31	jqr
Fluoride	SM 4500-F C-2011	1	0.52			mg/L	0.15	0.35	07/03/25 13:41	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		2370			mg/L	1	30	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.894			mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.915		*	mg/L	0.02	0.1	06/19/25 0:23	pjb
Nitrite as N	EPA 353.2	1	0.021	B	*	mg/L	0.01	0.05	06/19/25 0:23	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	2	5140			mg/L	40	80	06/23/25 15:09	cob
Sulfate	ASTM D516-07/-11/-16	100	3120		*	mg/L	100	500	06/24/25 13:26	jqr
TDS (calculated)	Calculation		4850			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.06						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-8

ACZ Sample ID: ***L95442-07***
Date Sampled: *06/17/25 12:05*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/27/25 17:57	msp
Arsenic, dissolved	EPA 200.8	1	0.00041	B		mg/L	0.0002	0.001	06/24/25 10:59	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:57	msp
Boron, dissolved	EPA 200.7	2	0.880		*	mg/L	0.06	0.2	06/27/25 17:57	msp
Cadmium, dissolved	EPA 200.8	1	0.000070	B		mg/L	0.00005	0.00025	06/24/25 10:59	gjl
Calcium, dissolved	EPA 200.7	2	46.6			mg/L	0.2	1	06/27/25 17:57	msp
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:57	msp
Cobalt, dissolved	EPA 200.8	1	0.000490			mg/L	0.00005	0.00025	06/24/25 10:59	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 17:57	msp
Iron, dissolved	EPA 200.7	2	0.202	B		mg/L	0.12	0.3	06/27/25 17:57	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 10:59	gjl
Lithium, dissolved	EPA 200.7	2	0.319			mg/L	0.016	0.08	06/27/25 17:57	msp
Magnesium, dissolved	EPA 200.7	2	22.3			mg/L	0.4	2	06/27/25 17:57	msp
Manganese, dissolved	EPA 200.7	2	0.122			mg/L	0.02	0.1	06/27/25 17:57	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:36	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/27/25 17:57	msp
Potassium, dissolved	EPA 200.7	2	4.85			mg/L	1	2	06/27/25 17:57	msp
Selenium, dissolved	EPA 200.8	5	0.00330		*	mg/L	0.0005	0.00125	07/01/25 14:08	aps
Sodium, dissolved	EPA 200.7	2	1150		*	mg/L	0.4	2	06/27/25 17:57	msp
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/27/25 17:57	msp
Zinc, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 17:57	msp

GCC Rio Grande
Project ID:
Sample ID: MW-8

ACZ Sample ID: ***L95442-07***
Date Sampled: *06/17/25 12:05*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	1270			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	1270			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-0.9			%			07/08/25 0:00	calc
Sum of Anions			56			meq/L			07/08/25 0:00	calc
Sum of Cations			55			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	25	349			mg/L	25	50	06/19/25 16:10	jqr
Fluoride	SM 4500-F C-2011	1	0.96			mg/L	0.15	0.35	07/03/25 13:46	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		208			mg/L	0.5	10	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.055	B		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.055	B	*	mg/L	0.02	0.1	06/19/25 0:28	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:28	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	5	3500			mg/L	100	200	06/23/25 15:11	cob
Sulfate	ASTM D516-07/-11/-16	100	969		*	mg/L	100	500	06/24/25 13:27	jqr
TDS (calculated)	Calculation		3320			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.05						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-10

ACZ Sample ID: ***L95442-08***
Date Sampled: *06/17/25 14:10*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	2	<0.14	U		mg/L	0.14	0.5	06/27/25 18:00	msp
Arsenic, dissolved	EPA 200.8	1	0.00038	B		mg/L	0.0002	0.001	06/24/25 11:06	gjl
Beryllium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 18:00	msp
Boron, dissolved	EPA 200.7	2	1.24		*	mg/L	0.06	0.2	06/27/25 18:00	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/24/25 11:06	gjl
Calcium, dissolved	EPA 200.7	2	23.6			mg/L	0.2	1	06/27/25 18:00	msp
Chromium, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 18:00	msp
Cobalt, dissolved	EPA 200.8	1	0.000299			mg/L	0.00005	0.00025	06/24/25 11:06	gjl
Copper, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 18:00	msp
Iron, dissolved	EPA 200.7	2	0.287	B		mg/L	0.12	0.3	06/27/25 18:00	msp
Lead, dissolved	EPA 200.8	1	0.00014	B		mg/L	0.0001	0.0005	06/24/25 11:06	gjl
Lithium, dissolved	EPA 200.7	2	0.214			mg/L	0.016	0.08	06/27/25 18:00	msp
Magnesium, dissolved	EPA 200.7	2	7.61			mg/L	0.4	2	06/27/25 18:00	msp
Manganese, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.1	06/27/25 18:00	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:37	rjw
Nickel, dissolved	EPA 200.7	2	<0.016	U		mg/L	0.016	0.08	06/27/25 18:00	msp
Potassium, dissolved	EPA 200.7	2	3.91			mg/L	1	2	06/27/25 18:00	msp
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/27/25 12:28	gjl
Sodium, dissolved	EPA 200.7	2	921		*	mg/L	0.4	2	06/27/25 18:00	msp
Vanadium, dissolved	EPA 200.7	2	<0.02	U		mg/L	0.02	0.05	06/27/25 18:00	msp
Zinc, dissolved	EPA 200.7	2	<0.04	U		mg/L	0.04	0.1	06/27/25 18:00	msp

GCC Rio Grande
Project ID:
Sample ID: MW-10

ACZ Sample ID: ***L95442-08***
Date Sampled: *06/17/25 14:10*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	656			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	62.4			mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	718			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-3.4			%			07/08/25 0:00	calc
Sum of Anions			45			meq/L			07/08/25 0:00	calc
Sum of Cations			42			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	25	425			mg/L	25	50	06/19/25 16:10	jqr
Fluoride	SM 4500-F C-2011	1	1.43			mg/L	0.15	0.35	07/03/25 13:49	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		90			mg/L	0.5	10	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		<0.02	U		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	<0.02	U	*	mg/L	0.02	0.1	06/19/25 0:29	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:29	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	2660			mg/L	20	40	06/23/25 15:14	cob
Sulfate	ASTM D516-07/-11/-16	50	870		*	mg/L	50	250	06/24/25 13:27	jqr
TDS (calculated)	Calculation		2690			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.99						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-9

ACZ Sample ID: ***L95442-09***
Date Sampled: *06/17/25 14:31*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	5	<0.35	U		mg/L	0.35	1.25	06/27/25 18:03	msp
Arsenic, dissolved	EPA 200.8	1	0.00086	B		mg/L	0.0002	0.001	06/24/25 11:08	gjl
Beryllium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/27/25 18:03	msp
Boron, dissolved	EPA 200.7	5	1.44		*	mg/L	0.15	0.5	06/27/25 18:03	msp
Cadmium, dissolved	EPA 200.8	1	0.000119	B		mg/L	0.00005	0.00025	06/24/25 11:08	gjl
Calcium, dissolved	EPA 200.7	5	404			mg/L	0.5	2.5	06/27/25 18:03	msp
Chromium, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/27/25 18:03	msp
Cobalt, dissolved	EPA 200.8	1	0.00163			mg/L	0.00005	0.00025	06/24/25 11:08	gjl
Copper, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.25	06/27/25 18:03	msp
Iron, dissolved	EPA 200.7	5	2.34			mg/L	0.3	0.75	06/27/25 18:03	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 11:08	gjl
Lithium, dissolved	EPA 200.7	5	0.379			mg/L	0.04	0.2	06/27/25 18:03	msp
Magnesium, dissolved	EPA 200.7	5	154			mg/L	1	5	06/27/25 18:03	msp
Manganese, dissolved	EPA 200.7	5	0.351			mg/L	0.05	0.25	06/27/25 18:03	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:38	rjw
Nickel, dissolved	EPA 200.7	5	<0.04	U		mg/L	0.04	0.2	06/27/25 18:03	msp
Potassium, dissolved	EPA 200.7	5	8.67			mg/L	2.5	5	06/27/25 18:03	msp
Selenium, dissolved	EPA 200.8	5	<0.0005	U	*	mg/L	0.0005	0.00125	06/27/25 12:30	gjl
Sodium, dissolved	EPA 200.7	5	844		*	mg/L	1	5	06/27/25 18:03	msp
Vanadium, dissolved	EPA 200.7	5	<0.05	U		mg/L	0.05	0.125	06/27/25 18:03	msp
Zinc, dissolved	EPA 200.7	5	<0.1	U		mg/L	0.1	0.25	06/27/25 18:03	msp

GCC Rio Grande
Project ID:
Sample ID: MW-9

ACZ Sample ID: ***L95442-09***
Date Sampled: *06/17/25 14:31*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	406			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	406			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			0.7			%			07/08/25 0:00	calc
Sum of Anions			69			meq/L			07/08/25 0:00	calc
Sum of Cations			70			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	1	45.8			mg/L	1	2	06/19/25 15:22	jqr
Fluoride	SM 4500-F C-2011	1	0.41			mg/L	0.15	0.35	07/03/25 13:52	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		1640			mg/L	1	30	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.041	B		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.041	B	*	mg/L	0.02	0.1	06/19/25 0:30	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:30	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	2	4470			mg/L	40	80	06/23/25 15:17	cob
Sulfate	ASTM D516-07/-11/-16	100	2840		*	mg/L	100	500	06/24/25 13:28	jqr
TDS (calculated)	Calculation		4550			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		0.98						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-18

ACZ Sample ID: ***L95442-10***
Date Sampled: *06/17/25 15:05*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	1	<0.07	U		mg/L	0.07	0.25	06/27/25 18:13	msp
Arsenic, dissolved	EPA 200.8	1	0.00393			mg/L	0.0002	0.001	06/24/25 11:11	gjl
Beryllium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/27/25 18:13	msp
Boron, dissolved	EPA 200.7	1	0.763		*	mg/L	0.03	0.1	06/27/25 18:13	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/24/25 11:11	gjl
Calcium, dissolved	EPA 200.7	1	41.5			mg/L	0.1	0.5	06/27/25 18:13	msp
Chromium, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/27/25 18:13	msp
Cobalt, dissolved	EPA 200.8	1	0.000557			mg/L	0.00005	0.00025	06/24/25 11:11	gjl
Copper, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/27/25 18:13	msp
Iron, dissolved	EPA 200.7	1	0.222			mg/L	0.06	0.15	06/27/25 18:13	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 11:11	gjl
Lithium, dissolved	EPA 200.7	1	0.132			mg/L	0.008	0.04	06/27/25 18:13	msp
Magnesium, dissolved	EPA 200.7	1	10.4			mg/L	0.2	1	06/27/25 18:13	msp
Manganese, dissolved	EPA 200.7	1	0.056			mg/L	0.01	0.05	06/27/25 18:13	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:39	rjw
Nickel, dissolved	EPA 200.7	1	<0.008	U		mg/L	0.008	0.04	06/27/25 18:13	msp
Potassium, dissolved	EPA 200.7	1	2.88			mg/L	0.5	1	06/27/25 18:13	msp
Selenium, dissolved	EPA 200.8	1	<0.0001	U	*	mg/L	0.0001	0.00025	06/27/25 12:32	gjl
Sodium, dissolved	EPA 200.7	1	295		*	mg/L	0.2	1	06/27/25 18:13	msp
Vanadium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.025	06/27/25 18:13	msp
Zinc, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/27/25 18:13	msp

GCC Rio Grande
Project ID:
Sample ID: MW-18

ACZ Sample ID: ***L95442-10***
Date Sampled: *06/17/25 15:05*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	352			mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	44.6			mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	397			mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			0.0			%			07/08/25 0:00	calc
Sum of Anions			16			meq/L			07/08/25 0:00	calc
Sum of Cations			16.0			meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	1	30.0			mg/L	1	2	06/19/25 15:23	jqr
Fluoride	SM 4500-F C-2011	1	1.35			mg/L	0.15	0.35	07/03/25 13:55	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		146			mg/L	0.2	5	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		0.065	B		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	0.065	B	*	mg/L	0.02	0.1	06/19/25 0:32	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:32	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	1050			mg/L	20	40	06/23/25 15:19	cob
Sulfate	ASTM D516-07/-11/-16	25	343		*	mg/L	25	125	06/24/25 13:29	jqr
TDS (calculated)	Calculation		966			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		1.09						07/08/25 0:00	calc

GCC Rio Grande
Project ID:
Sample ID: MW-3B

ACZ Sample ID: ***L95442-11***
Date Sampled: *06/17/25 12:00*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	EPA 200.7	1	<0.07	U		mg/L	0.07	0.25	06/27/25 18:22	msp
Arsenic, dissolved	EPA 200.8	1	<0.0002	U		mg/L	0.0002	0.001	06/24/25 11:13	gjl
Beryllium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/27/25 18:22	msp
Boron, dissolved	EPA 200.7	1	0.097	B		mg/L	0.03	0.1	06/27/25 18:22	msp
Cadmium, dissolved	EPA 200.8	1	<0.00005	U		mg/L	0.00005	0.00025	06/24/25 11:13	gjl
Calcium, dissolved	EPA 200.7	1	0.22	B		mg/L	0.1	0.5	06/27/25 18:22	msp
Chromium, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/27/25 18:22	msp
Cobalt, dissolved	EPA 200.8	1	0.000198	B		mg/L	0.00005	0.00025	06/24/25 11:13	gjl
Copper, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/27/25 18:22	msp
Iron, dissolved	EPA 200.7	1	<0.06	U		mg/L	0.06	0.15	06/27/25 18:22	msp
Lead, dissolved	EPA 200.8	1	<0.0001	U		mg/L	0.0001	0.0005	06/24/25 11:13	gjl
Lithium, dissolved	EPA 200.7	1	<0.008	U		mg/L	0.008	0.04	06/27/25 18:22	msp
Magnesium, dissolved	EPA 200.7	1	<0.2	U		mg/L	0.2	1	06/27/25 18:22	msp
Manganese, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.05	06/27/25 18:22	msp
Mercury, dissolved	EPA 245.1	1	<0.0002	U		mg/L	0.0002	0.001	06/26/25 8:40	rjw
Nickel, dissolved	EPA 200.7	1	<0.008	U		mg/L	0.008	0.04	06/27/25 18:22	msp
Potassium, dissolved	EPA 200.7	1	<0.5	U		mg/L	0.5	1	06/27/25 18:22	msp
Selenium, dissolved	EPA 200.8	1	<0.0001	U	*	mg/L	0.0001	0.00025	06/27/25 12:35	gjl
Sodium, dissolved	EPA 200.7	1	0.85	B		mg/L	0.2	1	06/27/25 18:22	msp
Vanadium, dissolved	EPA 200.7	1	<0.01	U		mg/L	0.01	0.025	06/27/25 18:22	msp
Zinc, dissolved	EPA 200.7	1	<0.02	U		mg/L	0.02	0.05	06/27/25 18:22	msp

GCC Rio Grande
Project ID:
Sample ID: MW-3B

ACZ Sample ID: ***L95442-11***
Date Sampled: *06/17/25 12:00*
Date Received: *06/18/25*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM 2320 B-2011									
Bicarbonate as CaCO3		1	11.9	B		mg/L	2	20	06/30/25 0:00	emk
Carbonate as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Hydroxide as CaCO3		1	<2	U		mg/L	2	20	06/30/25 0:00	emk
Total Alkalinity		1	11.9	B		mg/L	2	20	06/30/25 0:00	emk
Cation-Anion Balance	Calculation									
Cation-Anion Balance			n/a			%			07/08/25 0:00	calc
Sum of Anions			0.238	B		meq/L			07/08/25 0:00	calc
Sum of Cations			<	U		meq/L			07/08/25 0:00	calc
Chloride	SM 4500-Cl E-2011	1	<1	U		mg/L	1	2	06/19/25 15:23	jqr
Fluoride	SM 4500-F C-2011	1	<0.15	U		mg/L	0.15	0.35	07/03/25 14:01	cm
Hardness as CaCO3 (dissolved)	Calculation (SM 2340 B-2011)		0.549	B		mg/L	0.2	5	07/08/25 0:00	calc
Nitrate as N	Calculation (NO3NO2-NO2)		<0.02	U		mg/L	0.02	0.1	07/08/25 0:00	calc
Nitrate/Nitrite as N	EPA 353.2	1	<0.02	U	*	mg/L	0.02	0.1	06/19/25 0:33	pjb
Nitrite as N	EPA 353.2	1	<0.01	U	*	mg/L	0.01	0.05	06/19/25 0:33	pjb
Residue, Filterable (TDS) @180C	SM 2540 C-2011	1	<20	U	*	mg/L	20	40	06/23/25 15:22	cob
Sulfate	ASTM D516-07/-11/-16	1	<1	U	*	mg/L	1	5	06/24/25 12:50	jqr
TDS (calculated)	Calculation		8.33			mg/L			07/08/25 0:00	calc
TDS (ratio - measured/calculated)	Calculation		n/a						07/08/25 0:00	calc

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4) EPA SW-846. Test Methods for Evaluating Solid Waste.
(5) Standard Methods for the Examination of Water and Wastewater.

Comments

(1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614531													
WG614531LCSW3	LCSW	06/30/25 14:40	WC250618-2	820.0001		796.5	mg/L	97	90	110			
WG614531LCSW6	LCSW	06/30/25 18:11	WC250618-2	820.0001		787.4	mg/L	96	90	110			
WG614531PBW2	PBW	06/30/25 18:24				13	mg/L		-20	20			
L95442-08DUP	DUP	06/30/25 20:32			718	714.4	mg/L				1	20	
L95455-05DUP	DUP	06/30/25 22:30			62.3	63.1	mg/L				1	20	
WG614531LCSW9	LCSW	06/30/25 22:47	WC250618-2	820.0001		799.4	mg/L	97	90	110			
WG614531PBW3	PBW	06/30/25 23:01				12	mg/L		-20	20			
WG614531LCSW12	LCSW	07/01/25 3:04	WC250618-2	820.0001		792.5	mg/L	97	90	110			
WG614531PBW4	PBW	07/01/25 3:18				12.1	mg/L		-20	20			
WG614531LCSW15	LCSW	07/01/25 7:56	WC250618-2	820.0001		801.8	mg/L	98	90	110			
WG614531PBW5	PBW	07/01/25 8:10				10	mg/L		-20	20			
WG614531LCSW18	LCSW	07/01/25 10:15	WC250618-2	820.0001		805	mg/L	98	90	110			

Aluminum, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		2.019	mg/L	101	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.21	0.21			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.250625		.268	mg/L	107	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	200.750625		206.1	mg/L	103	1	200			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	1.0025		1.078	mg/L	108	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		1.033	mg/L	103	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.21	0.21			
L95442-10AS	AS	06/27/25 18:16	II250624-4	1.0025	U	1.069	mg/L	107	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	1.0025	U	1.016	mg/L	101	85	115	5	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	1.0025	U	1.1	mg/L	110	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		1.06	mg/L	106	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.21	0.21			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	1.0025	U	1.13	mg/L	113	85	115	3	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		1.026	mg/L	103	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.21	0.21			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.997	mg/L	100	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.21	0.21			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.250625		.265	mg/L	106	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	200.750625		205.2	mg/L	102	1	200			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	1.0025		1.04	mg/L	104	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.993	mg/L	99	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.21	0.21			
L95456-01AS	AS	07/01/25 0:54	II250624-4	1.0025	U	1.061	mg/L	106	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	1.0025	U	1.048	mg/L	105	85	115	1	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.987	mg/L	99	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.21	0.21			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		1.002	mg/L	100	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Arsenic, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614081													
WG614081ICV	ICV	06/24/25 10:11	MS250615-4	.05		.05215	mg/L	104	90	110			
WG614081ICB	ICB	06/24/25 10:13				U	mg/L		-0.00044	0.00044			
WG614081LFB	LFB	06/24/25 10:16	MS250603-3	.0501		.05164	mg/L	103	85	115			
L95427-01AS	AS	06/24/25 10:20	MS250603-3	.0501	.00171	.05779	mg/L	112	70	130			
L95427-01ASD	ASD	06/24/25 10:22	MS250603-3	.0501	.00171	.05578	mg/L	108	70	130	4	20	
WG614081CCV1	CCV	06/24/25 10:36	MS250623-4	.1002		.10153	mg/L	101	90	110			
WG614081CCB1	CCB	06/24/25 10:39				U	mg/L		-0.0006	0.0006			
L95442-05AS	AS	06/24/25 10:52	MS250603-3	.0501	.00231	.06554	mg/L	126	70	130			
L95442-05ASD	ASD	06/24/25 10:55	MS250603-3	.0501	.00231	.06404	mg/L	123	70	130	2	20	
WG614081CCV2	CCV	06/24/25 11:02	MS250623-4	.1002		.10884	mg/L	109	90	110			
WG614081CCB2	CCB	06/24/25 11:04				U	mg/L		-0.0006	0.0006			
WG614081CCV3	CCV	06/24/25 11:22	MS250623-4	.1002		.10632	mg/L	106	90	110			
WG614081CCB3	CCB	06/24/25 11:25				U	mg/L		-0.0006	0.0006			

Beryllium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.952	mg/L	98	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.03	0.03			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.05005		.057	mg/L	114	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1001		.102	mg/L	102	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.5005		.495	mg/L	99	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		.994	mg/L	99	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.03	0.03			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.5005	U	.505	mg/L	101	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.5005	U	.502	mg/L	100	85	115	1	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.5005	U	.506	mg/L	101	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		1.011	mg/L	101	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.03	0.03			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.5005	U	.512	mg/L	102	85	115	1	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		1.001	mg/L	100	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.03	0.03			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.96	mg/L	98	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.03	0.03			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.05005		.053	mg/L	106	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1001		.1	mg/L	100	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.5005		.504	mg/L	101	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.995	mg/L	100	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.03	0.03			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.5005	U	.493	mg/L	99	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.5005	U	.512	mg/L	102	85	115	4	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.985	mg/L	99	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.03	0.03			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.98	mg/L	98	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Boron, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.993	mg/L	100	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.09	0.09			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.1001		.118	mg/L	118	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1001		.102	mg/L	102	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.5005		.468	mg/L	94	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		1.026	mg/L	103	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.09	0.09			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.5005	.763	1.185	mg/L	84	85	115			MA
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.5005	.763	1.222	mg/L	92	85	115	3	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.5005	U	.501	mg/L	100	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		1.032	mg/L	103	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.09	0.09			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.5005	U	.503	mg/L	100	85	115	0	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		1.013	mg/L	101	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.09	0.09			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		2.072	mg/L	104	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.09	0.09			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.1001		.114	mg/L	114	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1001		.099	mg/L	99	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.5005		.487	mg/L	97	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		1.042	mg/L	104	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.09	0.09			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.5005	U	.492	mg/L	98	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.5005	U	.507	mg/L	101	85	115	3	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		1.037	mg/L	104	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.09	0.09			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		1.033	mg/L	103	90	110			

Cadmium, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614081													
WG614081ICV	ICV	06/24/25 10:11	MS250615-4	.05		.051286	mg/L	103	90	110			
WG614081ICB	ICB	06/24/25 10:13				U	mg/L		-0.00011	0.00011			
WG614081LFB	LFB	06/24/25 10:16	MS250603-3	.05005		.050317	mg/L	101	85	115			
L95427-01AS	AS	06/24/25 10:20	MS250603-3	.05005	.000106	.053123	mg/L	106	70	130			
L95427-01ASD	ASD	06/24/25 10:22	MS250603-3	.05005	.000106	.052238	mg/L	104	70	130	2	20	
WG614081CCV1	CCV	06/24/25 10:36	MS250623-4	.1001		.100059	mg/L	100	90	110			
WG614081CCB1	CCB	06/24/25 10:39				.000081	mg/L		-0.00015	0.00015			
L95442-05AS	AS	06/24/25 10:52	MS250603-3	.05005	.000101	.049176	mg/L	98	70	130			
L95442-05ASD	ASD	06/24/25 10:55	MS250603-3	.05005	.000101	.04824	mg/L	96	70	130	2	20	
WG614081CCV2	CCV	06/24/25 11:02	MS250623-4	.1001		.101493	mg/L	101	90	110			
WG614081CCB2	CCB	06/24/25 11:04				U	mg/L		-0.00015	0.00015			
WG614081CCV3	CCV	06/24/25 11:22	MS250623-4	.1001		.10118	mg/L	101	90	110			
WG614081CCB3	CCB	06/24/25 11:25				U	mg/L		-0.00015	0.00015			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Calcium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	100		99.15	mg/L	99	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.3	0.3			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.5025		.57	mg/L	113	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	200.7025		197.4	mg/L	98	1	200			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	68.56872		68.34	mg/L	100	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	50		49.78	mg/L	100	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.3	0.3			
L95442-10AS	AS	06/27/25 18:16	II250624-4	68.56872	41.5	110.9	mg/L	101	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	68.56872	41.5	107.8	mg/L	97	85	115	3	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	68.56872	175	239.3	mg/L	94	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	50		50.41	mg/L	101	90	110			
WG614432CCB2	CCB	06/27/25 18:48				.15	mg/L		-0.3	0.3			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	68.56872	175	244.4	mg/L	101	85	115	2	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	50		50.41	mg/L	101	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.3	0.3			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	100		98.93	mg/L	99	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.3	0.3			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.5025		.57	mg/L	113	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	200.7025		200.2	mg/L	100	1	200			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	68.56872		70.17	mg/L	102	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	50		50.36	mg/L	101	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.3	0.3			
L95456-01AS	AS	07/01/25 0:54	II250624-4	68.56872	11.8	81.5	mg/L	102	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	68.56872	11.8	82.54	mg/L	103	85	115	1	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	50		50	mg/L	100	90	110			
WG614555CCB2	CCB	07/01/25 1:29				.12	mg/L		-0.3	0.3			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	50		49.34	mg/L	99	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Chloride SM 4500-Cl E-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613837													
WG613837ICV	ICV	06/19/25 11:27	WI250102-6	40		39.49	mg/L	99	90	110			
WG613837ICB	ICB	06/19/25 11:27				U	mg/L						
WG613837CCV1	CCV	06/19/25 15:10	WI241113-1	25		25.19	mg/L	101	90	110			
WG613837CCB1	CCB	06/19/25 15:10				U	mg/L						
WG613837PQV	PQV	06/19/25 15:11	WI250513-1	2		2.01	mg/L	101	50	150			
WG613837LFB	LFB	06/19/25 15:11	WI250418-2	20		20.82	mg/L	104	90	110			
WG613837CCV2	CCV	06/19/25 15:14	WI241113-1	25		25.83	mg/L	103	90	110			
WG613837CCB2	CCB	06/19/25 15:14				U	mg/L						
WG613837CCV3	CCV	06/19/25 15:21	WI241113-1	25		25.48	mg/L	102	90	110			
WG613837CCB3	CCB	06/19/25 15:22				U	mg/L						
L95442-11AS	AS	06/19/25 15:23	WI250418-2	20	U	21.04	mg/L	105	90	110			
WG613837CCV4	CCV	06/19/25 15:30	WI241113-1	25		25.83	mg/L	103	90	110			
WG613837CCB4	CCB	06/19/25 15:30				U	mg/L						
L95442-11ASD	ASD	06/19/25 15:33	WI250418-2	20	U	20.97	mg/L	105	90	110	0	20	
WG613837CCV5	CCV	06/19/25 15:33	WI241113-1	25		25.86	mg/L	103	90	110			
WG613837CCB5	CCB	06/19/25 15:33				U	mg/L						
WG613837CCV7	CCV	06/19/25 16:07	WI241113-1	25		24.8	mg/L	99	90	110			
WG613837CCB8	CCB	06/19/25 16:07				U	mg/L						
L95244-03AS	AS	06/19/25 16:08	5XCL GAL	20	41.4	61.3	mg/L	100	90	110			
L95244-03ASD	ASD	06/19/25 16:09	5XCL GAL	20	41.4	61.16	mg/L	99	90	110	0	20	
WG613837CCV8	CCV	06/19/25 16:11	WI241113-1	25		25.9	mg/L	104	90	110			
WG613837CCB9	CCB	06/19/25 16:11				U	mg/L						

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Chromium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.936	mg/L	97	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.06	0.06			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.05005		.062	mg/L	124	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1001		.096	mg/L	96	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.501		.479	mg/L	96	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		.99	mg/L	99	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.06	0.06			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.501	U	.491	mg/L	98	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.501	U	.499	mg/L	100	85	115	2	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.501	U	.492	mg/L	98	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		.999	mg/L	100	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.06	0.06			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.501	U	.5	mg/L	100	85	115	2	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		.991	mg/L	99	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.06	0.06			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.915	mg/L	96	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.06	0.06			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.05005		.047	mg/L	94	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1001		.089	mg/L	89	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.501		.476	mg/L	95	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.97	mg/L	97	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.06	0.06			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.501	U	.472	mg/L	94	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.501	U	.486	mg/L	97	85	115	3	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.955	mg/L	96	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.06	0.06			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.948	mg/L	95	90	110			

Cobalt, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614081													
WG614081ICV	ICV	06/24/25 10:11	MS250615-4	.05		.052527	mg/L	105	90	110			
WG614081ICB	ICB	06/24/25 10:13				U	mg/L		-0.00011	0.00011			
WG614081LFB	LFB	06/24/25 10:16	MS250603-3	.05005		.052863	mg/L	106	85	115			
L95427-01AS	AS	06/24/25 10:20	MS250603-3	.05005	.00133	.052682	mg/L	103	70	130			
L95427-01ASD	ASD	06/24/25 10:22	MS250603-3	.05005	.00133	.051729	mg/L	101	70	130	2	20	
WG614081CCV1	CCV	06/24/25 10:36	MS250623-4	.1001		.101484	mg/L	101	90	110			
WG614081CCB1	CCB	06/24/25 10:39				.000065	mg/L		-0.00015	0.00015			
L95442-05AS	AS	06/24/25 10:52	MS250603-3	.05005	.022	.069644	mg/L	95	70	130			
L95442-05ASD	ASD	06/24/25 10:55	MS250603-3	.05005	.022	.068362	mg/L	93	70	130	2	20	
WG614081CCV2	CCV	06/24/25 11:02	MS250623-4	.1001		.105037	mg/L	105	90	110			
WG614081CCB2	CCB	06/24/25 11:04				U	mg/L		-0.00015	0.00015			
WG614081CCV3	CCV	06/24/25 11:22	MS250623-4	.1001		.103163	mg/L	103	90	110			
WG614081CCB3	CCB	06/24/25 11:25				U	mg/L		-0.00015	0.00015			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Copper, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.956	mg/L	98	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.03	0.03			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.05005		.049	mg/L	98	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1001		.096	mg/L	96	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.5005		.483	mg/L	97	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		.993	mg/L	99	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.03	0.03			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.5005	U	.499	mg/L	100	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.5005	U	.499	mg/L	100	85	115	0	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.5005	U	.498	mg/L	100	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		.996	mg/L	100	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.03	0.03			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.5005	U	.502	mg/L	100	85	115	1	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		.985	mg/L	99	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.03	0.03			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.93	mg/L	97	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.03	0.03			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.05005		.046	mg/L	92	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1001		.1	mg/L	100	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.5005		.487	mg/L	97	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.982	mg/L	98	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.03	0.03			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.5005	U	.485	mg/L	97	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.5005	U	.5	mg/L	100	85	115	3	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.969	mg/L	97	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.03	0.03			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.964	mg/L	96	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Fluoride SM 4500-F C-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614818													
WG614818ICV	ICV	07/03/25 12:26	WC250701-1	2		1.94	mg/L	97	90	110			
WG614818ICB	ICB	07/03/25 12:34				U	mg/L		-0.3	0.3			
WG614818PQV	PQV	07/03/25 12:38	WC250701-2	.35		.36	mg/L	103	50	150			
WG614818LFB1	LFB	07/03/25 12:42	WC250604-1	5		4.84	mg/L	97	90	110			
L95350-04AS	AS	07/03/25 12:49	WC250604-1	5	.25	4.64	mg/L	88	90	110			MA
L95350-04ASD	ASD	07/03/25 12:52	WC250604-1	5	.25	4.73	mg/L	90	90	110	2	20	
WG614818CCV1	CCV	07/03/25 13:19	WC250701-1	2		2.081	mg/L	104	90	110			
WG614818CCB1	CCB	07/03/25 13:27				U	mg/L		-0.3	0.3			
WG614818CCV2	CCV	07/03/25 14:11	WC250701-1	2		2.033	mg/L	102	90	110			
WG614818CCB2	CCB	07/03/25 14:18				U	mg/L		-0.3	0.3			
L95451-02AS	AS	07/03/25 14:27	WC250604-1	5	.65	5.48	mg/L	97	90	110			
L95451-02ASD	ASD	07/03/25 14:31	WC250604-1	5	.65	5.51	mg/L	97	90	110	1	20	
WG614818LFB2	LFB	07/03/25 14:43	WC250604-1	5		4.95	mg/L	99	90	110			
WG614818CCV3	CCV	07/03/25 15:04	WC250701-1	2		2.043	mg/L	102	90	110			
WG614818CCB3	CCB	07/03/25 15:12				U	mg/L		-0.3	0.3			
WG614818CCV4	CCV	07/03/25 15:53	WC250701-1	2		2.023	mg/L	101	90	110			
WG614818CCB4	CCB	07/03/25 16:01				U	mg/L		-0.3	0.3			
WG614818CCV5	CCV	07/03/25 16:43	WC250701-1	2		2.033	mg/L	102	90	110			
WG614818CCB5	CCB	07/03/25 16:51				U	mg/L		-0.3	0.3			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Iron, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.991	mg/L	100	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.18	0.18			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.15045		.177	mg/L	118	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	200.75045		194.5	mg/L	97	1	200			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	1.003		1.066	mg/L	106	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		1.025	mg/L	103	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.18	0.18			
L95442-10AS	AS	06/27/25 18:16	II250624-4	1.003	.222	1.215	mg/L	99	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	1.003	.222	1.207	mg/L	98	85	115	1	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	1.003	U	1.026	mg/L	102	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		1.056	mg/L	106	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.18	0.18			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	1.003	U	1.04	mg/L	104	85	115	1	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		1.032	mg/L	103	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.18	0.18			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.949	mg/L	97	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.18	0.18			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.15045		.15	mg/L	100	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	200.75045		193.4	mg/L	96	1	200			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	1.003		1.006	mg/L	100	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.989	mg/L	99	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.18	0.18			
L95456-01AS	AS	07/01/25 0:54	II250624-4	1.003	U	.994	mg/L	99	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	1.003	U	1.023	mg/L	102	85	115	3	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.976	mg/L	98	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.18	0.18			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.96	mg/L	96	90	110			

Lead, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614081													
WG614081ICV	ICV	06/24/25 10:11	MS250615-4	.05		.05206	mg/L	104	90	110			
WG614081ICB	ICB	06/24/25 10:13				U	mg/L		-0.00022	0.00022			
WG614081LFB	LFB	06/24/25 10:16	MS250603-3	.05005		.05137	mg/L	103	85	115			
L95427-01AS	AS	06/24/25 10:20	MS250603-3	.05005	.00013	.05075	mg/L	101	70	130			
L95427-01ASD	ASD	06/24/25 10:22	MS250603-3	.05005	.00013	.04895	mg/L	98	70	130	4	20	
WG614081CCV1	CCV	06/24/25 10:36	MS250623-4	.25025		.25028	mg/L	100	90	110			
WG614081CCB1	CCB	06/24/25 10:39				.00016	mg/L		-0.0003	0.0003			
L95442-05AS	AS	06/24/25 10:52	MS250603-3	.05005	U	.04519	mg/L	90	70	130			
L95442-05ASD	ASD	06/24/25 10:55	MS250603-3	.05005	U	.04436	mg/L	89	70	130	2	20	
WG614081CCV2	CCV	06/24/25 11:02	MS250623-4	.25025		.2665	mg/L	106	90	110			
WG614081CCB2	CCB	06/24/25 11:04				U	mg/L		-0.0003	0.0003			
WG614081CCV3	CCV	06/24/25 11:22	MS250623-4	.25025		.27381	mg/L	109	90	110			
WG614081CCB3	CCB	06/24/25 11:25				U	mg/L		-0.0003	0.0003			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Lithium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.954	mg/L	98	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.024	0.024			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.04004		.0425	mg/L	106	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1001		.0953	mg/L	95	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	1.001		.9539	mg/L	95	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		.9852	mg/L	99	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.024	0.024			
L95442-10AS	AS	06/27/25 18:16	II250624-4	1.001	.132	1.076	mg/L	94	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	1.001	.132	1.093	mg/L	96	85	115	2	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	1.001	.208	1.218	mg/L	101	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		.9958	mg/L	100	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.024	0.024			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	1.001	.208	1.188	mg/L	98	85	115	2	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		.9807	mg/L	98	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.024	0.024			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.9485	mg/L	97	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.024	0.024			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.04004		.0395	mg/L	99	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1001		.0992	mg/L	99	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	1.001		.9679	mg/L	97	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.9825	mg/L	98	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.024	0.024			
L95456-01AS	AS	07/01/25 0:54	II250624-4	1.001	U	1.005	mg/L	100	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	1.001	U	1.006	mg/L	100	85	115	0	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.974	mg/L	97	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.024	0.024			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.9669	mg/L	97	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Magnesium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	100		98.02	mg/L	98	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.6	0.6			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	1.0087		.98	mg/L	97	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	202.7487		193	mg/L	95	1	200			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	50.3388		48.8	mg/L	97	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	50		49.46	mg/L	99	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.6	0.6			
L95442-10AS	AS	06/27/25 18:16	II250624-4	50.3388	10.4	60.78	mg/L	100	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	50.3388	10.4	58.63	mg/L	96	85	115	4	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	50.3388	112	157.6	mg/L	91	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	50		49.94	mg/L	100	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.6	0.6			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	50.3388	112	162.1	mg/L	100	85	115	3	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	50		50.11	mg/L	100	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.6	0.6			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	100		97.46	mg/L	97	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.6	0.6			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	1.0087		.94	mg/L	93	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	202.7487		193.9	mg/L	96	1	200			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	50.3388		49.85	mg/L	99	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	50		49.21	mg/L	98	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.6	0.6			
L95456-01AS	AS	07/01/25 0:54	II250624-4	50.3388	1.62	52.03	mg/L	100	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	50.3388	1.62	51.28	mg/L	99	85	115	1	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	50		48.5	mg/L	97	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.6	0.6			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	50		47.87	mg/L	96	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Manganese, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.954	mg/L	98	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.03	0.03			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.0498		.056	mg/L	112	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	50.4498		47.98	mg/L	95	1	200			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.504		.507	mg/L	101	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		1.006	mg/L	101	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.03	0.03			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.504	.056	.558	mg/L	100	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.504	.056	.555	mg/L	99	85	115	1	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.504	.166	.669	mg/L	100	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		1.023	mg/L	102	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.03	0.03			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.504	.166	.675	mg/L	101	85	115	1	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		1.01	mg/L	101	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.03	0.03			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.938	mg/L	97	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.03	0.03			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.0498		.049	mg/L	98	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	50.4498		48.24	mg/L	96	1	200			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.504		.501	mg/L	99	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.988	mg/L	99	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.03	0.03			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.504	U	.49	mg/L	97	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.504	U	.504	mg/L	100	85	115	3	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.976	mg/L	98	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.03	0.03			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.966	mg/L	97	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Mercury, dissolved EPA 245.1

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613961													
WG613961ICV	ICV	06/26/25 7:46	HG250530-3	.00501		.00515	mg/L	103	95	105			
WG613961ICB	ICB	06/26/25 7:47				U	mg/L		-0.0002	0.0002			
WG614035													
WG614035CCV1	CCV	06/26/25 8:22	HG250530-3	.00501		.00503	mg/L	100	90	110			
WG614035CCB1	CCB	06/26/25 8:23				U	mg/L		-0.0002	0.0002			
WG614035PQV	PQV	06/26/25 8:24	HG250625-5	.001001		.00092	mg/L	92	70	130			
WG614035LRB	LRB	06/26/25 8:25				U	mg/L		-0.00044	0.00044			
WG614035LFB	LFB	06/26/25 8:26	HG250625-6	.002002		.00201	mg/L	100	85	115			
L95442-02LFM	LFM	06/26/25 8:29	HG250625-6	.002002	U	.0019	mg/L	95	85	115			
L95442-02LFMD	LFMD	06/26/25 8:30	HG250625-6	.002002	U	.00187	mg/L	93	85	115	2	20	
WG614035CCV2	CCV	06/26/25 8:34	HG250530-3	.00501		.00516	mg/L	103	90	110			
WG614035CCB2	CCB	06/26/25 8:35				U	mg/L		-0.0002	0.0002			
WG614035CCV3	CCV	06/26/25 8:45	HG250530-3	.00501		.00506	mg/L	101	90	110			
WG614035CCB3	CCB	06/26/25 8:46				U	mg/L		-0.0002	0.0002			
L95451-05LFM	LFM	06/26/25 8:48	HG250625-6	.002002	U	.00195	mg/L	97	85	115			
L95451-05LFMD	LFMD	06/26/25 8:49	HG250625-6	.002002	U	.00195	mg/L	97	85	115	0	20	
WG614035CCV4	CCV	06/26/25 8:54	HG250530-3	.00501		.00505	mg/L	101	90	110			
WG614035CCB4	CCB	06/26/25 8:55				U	mg/L		-0.0002	0.0002			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Nickel, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2.004		2.0078	mg/L	100	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.024	0.024			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.04004		.0435	mg/L	109	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1001		.0922	mg/L	92	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.5005		.502	mg/L	100	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1.002		1.043	mg/L	104	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.024	0.024			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.5005	U	.5157	mg/L	103	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.5005	U	.5289	mg/L	106	85	115	3	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.5005	.0376	.5435	mg/L	101	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1.002		1.057	mg/L	105	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.024	0.024			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.5005	.0376	.55	mg/L	102	85	115	1	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1.002		1.051	mg/L	105	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.024	0.024			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2.004		1.9825	mg/L	99	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.024	0.024			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.04004		.0413	mg/L	103	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1001		.09	mg/L	90	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.5005		.5031	mg/L	101	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1.002		1.026	mg/L	102	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.024	0.024			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.5005	U	.4981	mg/L	100	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.5005	U	.5095	mg/L	102	85	115	2	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1.002		1.01	mg/L	101	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.024	0.024			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1.002		.9984	mg/L	100	90	110			

Nitrate/Nitrite as N EPA 353.2

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613762													
WG613762ICV	ICV	06/18/25 23:52	WI250408-7	2.4161		2.309	mg/L	96	90	110			
WG613762ICB	ICB	06/18/25 23:53				U	mg/L		-0.02	0.02			
WG613762LFB	LFB	06/18/25 23:57	WI250201-3	2		1.947	mg/L	97	90	110			
L95429-01AS	AS	06/19/25 0:00	WI250201-3	2	.168	2.146	mg/L	99	90	110			
L95430-01DUP	DUP	06/19/25 0:02			.05	.066	mg/L				28	20	RA
WG613762CCV1	CCV	06/19/25 0:07	WI250618-7	2		1.951	mg/L	98	90	110			
WG613762CCB1	CCB	06/19/25 0:10				U	mg/L		-0.02	0.02			
L95442-04AS	AS	06/19/25 0:19	WI250201-3	2	.022	1.951	mg/L	96	90	110			
L95442-05DUP	DUP	06/19/25 0:21			U	U	mg/L				0	20	RA
WG613762CCV2	CCV	06/19/25 0:24	WI250618-7	2		1.941	mg/L	97	90	110			
WG613762CCB2	CCB	06/19/25 0:27				U	mg/L		-0.02	0.02			
WG613762CCV3	CCV	06/19/25 0:38	WI250618-7	2		1.941	mg/L	97	90	110			
WG613762CCB3	CCB	06/19/25 0:41				U	mg/L		-0.02	0.02			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Nitrite as N EPA 353.2

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG613762													
WG613762ICV	ICV	06/18/25 23:52	WI250408-7	.6089		.628	mg/L	103	90	110			
WG613762ICB	ICB	06/18/25 23:53				U	mg/L		-0.01	0.01			
WG613762LFB	LFB	06/18/25 23:57	WI250201-3	1		.975	mg/L	98	90	110			
L95429-01AS	AS	06/19/25 0:00	WI250201-3	1	U	1.023	mg/L	102	90	110			
L95430-01DUP	DUP	06/19/25 0:02			U	U	mg/L				0	20	RA
WG613762CCV1	CCV	06/19/25 0:07	WI250618-7	1		.988	mg/L	99	90	110			
WG613762CCB1	CCB	06/19/25 0:10				U	mg/L		-0.01	0.01			
L95442-04AS	AS	06/19/25 0:19	WI250201-3	1	U	.998	mg/L	100	90	110			
L95442-05DUP	DUP	06/19/25 0:21			U	U	mg/L				0	20	RA
WG613762CCV2	CCV	06/19/25 0:24	WI250618-7	1		.984	mg/L	98	90	110			
WG613762CCB2	CCB	06/19/25 0:27				U	mg/L		-0.01	0.01			
WG613762CCV3	CCV	06/19/25 0:38	WI250618-7	1		.985	mg/L	99	90	110			
WG613762CCB3	CCB	06/19/25 0:41				U	mg/L		-0.01	0.01			

Potassium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	20		19.82	mg/L	99	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-1.5	1.5			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	1.002		1.06	mg/L	106	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	1.002		.94	mg/L	94	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	99.74088		98.68	mg/L	99	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	10		10.03	mg/L	100	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-1.5	1.5			
L95442-10AS	AS	06/27/25 18:16	II250624-4	99.74088	2.88	103.8	mg/L	101	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	99.74088	2.88	99.42	mg/L	97	85	115	4	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	99.74088	3.62	107.6	mg/L	104	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	10		10.29	mg/L	103	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-1.5	1.5			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	99.74088	3.62	111.9	mg/L	109	85	115	4	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	10		10.02	mg/L	100	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-1.5	1.5			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	20		19.66	mg/L	98	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-1.5	1.5			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	1.002		1.06	mg/L	106	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	1.002		1	mg/L	100	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	99.74088		99.21	mg/L	99	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	10		9.91	mg/L	99	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-1.5	1.5			
L95456-01AS	AS	07/01/25 0:54	II250624-4	99.74088	U	101.1	mg/L	101	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	99.74088	U	100.9	mg/L	101	85	115	0	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	10		9.85	mg/L	99	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-1.5	1.5			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	10		9.81	mg/L	98	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Residue, Filterable (TDS) @180C SM 2540 C-2011

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614045													
WG614045PBW	PBW	06/23/25 14:30				U	mg/L		-20	20			
WG614045LCSW	LCSW	06/23/25 14:32	PCN628443	1000		994	mg/L	99	90	110			
L95442-03DUP	DUP	06/23/25 15:01			2590	2600	mg/L				0	10	
L95452-02DUP	DUP	06/23/25 15:30			952	950	mg/L				0	10	

Selenium, dissolved EPA 200.8

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614081													
WG614081ICV	ICV	06/24/25 10:11	MS250615-4	.05		.05445	mg/L	109	90	110			
WG614081ICB	ICB	06/24/25 10:13				.00019	mg/L		-0.00022	0.00022			
WG614081LFB	LFB	06/24/25 10:16	MS250603-3	.05005		.05222	mg/L	104	85	115			
L95427-01AS	AS	06/24/25 10:20	MS250603-3	.05005	.00042	.05923	mg/L	118	70	130			
L95427-01ASD	ASD	06/24/25 10:22	MS250603-3	.05005	.00042	.05708	mg/L	113	70	130	4	20	
WG614081CCV1	CCV	06/24/25 10:36	MS250623-4	.1001		.10145	mg/L	101	90	110			
WG614081CCB1	CCB	06/24/25 10:39				.00025	mg/L		-0.0003	0.0003			
L95442-05AS	AS	06/24/25 10:52	MS250603-3	.05005	.0069	.07385	mg/L	134	70	130			MA
L95442-05ASD	ASD	06/24/25 10:55	MS250603-3	.05005	.0069	.07183	mg/L	130	70	130	3	20	MA
WG614081CCV2	CCV	06/24/25 11:02	MS250623-4	.1001		.10857	mg/L	108	90	110			
WG614081CCB2	CCB	06/24/25 11:04				.00089	mg/L		-0.0003	0.0003			BB BE
WG614081CCV3	CCV	06/24/25 11:22	MS250623-4	.1001		.10775	mg/L	108	90	110			
WG614081CCB3	CCB	06/24/25 11:25				.00042	mg/L		-0.0003	0.0003			BE
WG614397													
WG614397ICV	ICV	06/27/25 11:55	MS250615-4	.05		.05316	mg/L	106	90	110			
WG614397ICB	ICB	06/27/25 11:57				.00015	mg/L		-0.00022	0.00022			
WG614397LFB	LFB	06/27/25 12:00	MS250603-3	.05005		.05107	mg/L	102	85	115			
L95442-03AS	AS	06/27/25 12:14	MS250603-3	.25025		.2623	mg/L	105	70	130			
L95442-03ASD	ASD	06/27/25 12:16	MS250603-3	.25025		.25623	mg/L	102	70	130	2	20	
WG614397CCV1	CCV	06/27/25 12:23	MS250623-4	.1001		.10594	mg/L	106	90	110			
WG614397CCB1	CCB	06/27/25 12:25				.00039	mg/L		-0.0003	0.0003			BE
WG614397CCV2	CCV	06/27/25 12:51	MS250623-4	.1001		.10726	mg/L	107	90	110			
WG614397CCB2	CCB	06/27/25 12:53				.00029	mg/L		-0.0003	0.0003			
L95514-08AS	AS	06/27/25 13:00	MS250603-3	.05005	U	.05832	mg/L	117	70	130			
L95514-08ASD	ASD	06/27/25 13:03	MS250603-3	.05005	U	.05418	mg/L	108	70	130	7	20	
WG614397CCV3	CCV	06/27/25 13:07	MS250623-4	.1001		.10629	mg/L	106	90	110			
WG614397CCB3	CCB	06/27/25 13:10				.00029	mg/L		-0.0003	0.0003			
WG614598													
WG614598ICV	ICV	07/01/25 13:10	MS250615-4	.05		.05057	mg/L	101	90	110			
WG614598ICB	ICB	07/01/25 13:12				U	mg/L		-0.00022	0.00022			
WG614598LFB	LFB	07/01/25 13:14	MS250623-9	.05005		.05281	mg/L	106	85	115			
WG614598CCV1	CCV	07/01/25 13:34	MS250623-4	.1001		.09123	mg/L	91	90	110			
WG614598CCB1	CCB	07/01/25 13:36				.00014	mg/L		-0.0003	0.0003			
WG614598CCV2	CCV	07/01/25 13:54	MS250623-4	.1001		.08864	mg/L	89	90	110			VA
WG614598CCB2	CCB	07/01/25 13:56				U	mg/L		-0.0003	0.0003			
L95424-01AS	AS	07/01/25 14:00	MS250623-9	.05005	U	.05687	mg/L	114	70	130			
L95424-01ASD	ASD	07/01/25 14:02	MS250623-9	.05005	U	.05749	mg/L	115	70	130	1	20	
WG614598CCV3	CCV	07/01/25 14:10	MS250623-4	.1001		.09483	mg/L	95	90	110			
WG614598CCB3	CCB	07/01/25 14:12				U	mg/L		-0.0003	0.0003			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Sodium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	100		101.03	mg/L	101	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.6	0.6			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.9958		1.02	mg/L	102	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.9958		.95	mg/L	95	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	99.35789		99.64	mg/L	100	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	50		51.6	mg/L	103	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.6	0.6			
L95442-10AS	AS	06/27/25 18:16	II250624-4	99.35789	295	385.4	mg/L	91	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	99.35789	295	375.8	mg/L	81	85	115	3	20	MA
L95483-03AS	AS	06/27/25 18:41	II250624-4	99.35789	23.1	127.2	mg/L	105	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	50		51.87	mg/L	104	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.6	0.6			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	99.35789	23.1	131.5	mg/L	109	85	115	3	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	50		50.88	mg/L	102	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.6	0.6			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	100		99.96	mg/L	100	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.6	0.6			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.9958		1.06	mg/L	106	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.9958		1.06	mg/L	106	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	99.35789		99.82	mg/L	100	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	50		50.28	mg/L	101	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.6	0.6			
L95456-01AS	AS	07/01/25 0:54	II250624-4	99.35789	3.44	104.3	mg/L	102	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	99.35789	3.44	104.2	mg/L	101	85	115	0	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	50		49.82	mg/L	100	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.6	0.6			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	50		49.36	mg/L	99	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Sulfate ASTM D516-07/-11/-16

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614113													
WG614113ICV	ICV	06/24/25 9:12	WI250620-2	20.06		19	mg/L	95	85	115			
WG614113ICB	ICB	06/24/25 9:12				U	mg/L		-2.5	2.5			
WG614113CCV1	CCV	06/24/25 12:45	WI250617-1	25		23.4	mg/L	94	85	115			
WG614113CCB1	CCB	06/24/25 12:45				U	mg/L		-2.5	2.5			
WG614113LFB	LFB	06/24/25 12:46	WI250422-3	10		9.5	mg/L	95	85	115			
WG614113CCV2	CCV	06/24/25 12:49	WI250617-1	25		22.8	mg/L	91	85	115			
WG614113CCB2	CCB	06/24/25 12:49				U	mg/L		-2.5	2.5			
WG614113CCV3	CCV	06/24/25 12:53	WI250617-1	25		23.5	mg/L	94	85	115			
WG614113CCB3	CCB	06/24/25 12:53				U	mg/L		-2.5	2.5			
WG614113CCV8	CCV	06/24/25 13:22	WI250617-1	25		23.3	mg/L	93	85	115			
WG614113CCB8	CCB	06/24/25 13:23				U	mg/L		-2.5	2.5			
L95442-01AS	AS	06/24/25 13:24	SO4TURB5X	10	46.8	50.3	mg/L	35	85	115			M3
L95442-01ASD	ASD	06/24/25 13:24	SO4TURB5X	10	46.8	50.3	mg/L	35	85	115	0	20	M3
WG614113CCV9	CCV	06/24/25 13:27	WI250617-1	25		23.1	mg/L	92	85	115			
WG614113CCB9	CCB	06/24/25 13:27				U	mg/L		-2.5	2.5			
L95443-01AS	AS	06/24/25 13:29	SO4TURB	10	1730	1739.1	mg/L	91	85	115			
L95443-01ASD	ASD	06/24/25 13:30	SO4TURB	10	1730	1765.6	mg/L	356	85	115	2	20	M3
WG614113CCV10	CCV	06/24/25 13:32	WI250617-1	25		23.3	mg/L	93	85	115			
WG614113CCB10	CCB	06/24/25 13:33				U	mg/L		-2.5	2.5			
WG614113CCV11	CCV	06/24/25 13:34	WI250617-1	25		23.8	mg/L	95	85	115			
WG614113CCB11	CCB	06/24/25 13:35				U	mg/L		-2.5	2.5			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Vanadium, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.959	mg/L	98	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.03	0.03			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.025025		.028	mg/L	112	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1001		.095	mg/L	95	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.5005		.5021	mg/L	100	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		1.002	mg/L	100	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.03	0.03			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.5005	U	.5245	mg/L	105	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.5005	U	.498	mg/L	100	85	115	5	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.5005	U	.5267	mg/L	105	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		1.023	mg/L	102	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.03	0.03			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.5005	U	.552	mg/L	110	85	115	5	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		1.005	mg/L	101	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.03	0.03			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.98	mg/L	99	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.03	0.03			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.025025		.025	mg/L	100	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1001		.105	mg/L	105	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.5005		.516	mg/L	103	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.999	mg/L	100	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.03	0.03			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.5005	U	.5246	mg/L	105	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.5005	U	.52	mg/L	104	85	115	1	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.989	mg/L	99	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.03	0.03			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.983	mg/L	98	90	110			

GCC

ACZ Project ID: ***L95442***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Zinc, dissolved EPA 200.7

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG614432													
WG614432ICV	ICV	06/27/25 17:15	II250612-3	2		1.9	mg/L	95	95	105			
WG614432ICB	ICB	06/27/25 17:21				U	mg/L		-0.06	0.06			
WG614432PQV	PQV	06/27/25 17:24	II250609-2	.0502		.058	mg/L	116	70	130			
WG614432SIC	SIC	06/27/25 17:28	II250623-1	.1004		.098	mg/L	98	80	120			
WG614432LFB	LFB	06/27/25 17:34	II250624-4	.5005		.492	mg/L	98	85	115			
WG614432CCV1	CCV	06/27/25 18:06	II250617-3	1		.979	mg/L	98	90	110			
WG614432CCB1	CCB	06/27/25 18:09				U	mg/L		-0.06	0.06			
L95442-10AS	AS	06/27/25 18:16	II250624-4	.5005	U	.52	mg/L	104	85	115			
L95442-10ASD	ASD	06/27/25 18:19	II250624-4	.5005	U	.51	mg/L	102	85	115	2	20	
L95483-03AS	AS	06/27/25 18:41	II250624-4	.5005	U	.508	mg/L	101	85	115			
WG614432CCV2	CCV	06/27/25 18:45	II250617-3	1		.992	mg/L	99	90	110			
WG614432CCB2	CCB	06/27/25 18:48				U	mg/L		-0.06	0.06			
L95483-03ASD	ASD	06/27/25 18:51	II250624-4	.5005	U	.537	mg/L	107	85	115	6	20	
WG614432CCV3	CCV	06/27/25 19:07	II250617-3	1		.991	mg/L	99	90	110			
WG614432CCB3	CCB	06/27/25 19:10				U	mg/L		-0.06	0.06			
WG614555													
WG614555ICV	ICV	06/30/25 23:57	II250612-3	2		1.916	mg/L	96	95	105			
WG614555ICB	ICB	07/01/25 0:03				U	mg/L		-0.06	0.06			
WG614555PQV	PQV	07/01/25 0:06	II250609-2	.0502		.055	mg/L	110	70	130			
WG614555SIC	SIC	07/01/25 0:09	II250623-1	.1004		.101	mg/L	101	80	120			
WG614555LFB	LFB	07/01/25 0:16	II250624-4	.5005		.501	mg/L	100	85	115			
WG614555CCV1	CCV	07/01/25 0:48	II250617-3	1		.969	mg/L	97	90	110			
WG614555CCB1	CCB	07/01/25 0:51				U	mg/L		-0.06	0.06			
L95456-01AS	AS	07/01/25 0:54	II250624-4	.5005	U	.523	mg/L	104	85	115			
L95456-01ASD	ASD	07/01/25 0:57	II250624-4	.5005	U	.519	mg/L	104	85	115	1	20	
WG614555CCV2	CCV	07/01/25 1:26	II250617-3	1		.954	mg/L	95	90	110			
WG614555CCB2	CCB	07/01/25 1:29				U	mg/L		-0.06	0.06			
WG614555CCV3	CCV	07/01/25 1:49	II250617-3	1		.944	mg/L	94	90	110			

GCC Rio Grande ACZ Project ID: ***L95442***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95442-01	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614818	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614397	Selenium, dissolved	EPA 200.8	BE	Target analyte in continuing calibration blank (CCB) at or above the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			EPA 200.8	DB	Sample required dilution due to low bias result.
			EPA 200.8	EA	Concentration estimated. Analytical result was less than the negative MDL due to matrix interferences.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.

GCC Rio Grande ACZ Project ID: ***L95442***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95442-02	WG614555	Aluminum, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Beryllium, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Boron, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Chromium, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Copper, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG614818	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614555	Iron, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Lithium, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Magnesium, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Manganese, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Nickel, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614555	Potassium, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG614397	Selenium, dissolved	EPA 200.8	BE	Target analyte in continuing calibration blank (CCB) at or above the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			EPA 200.8	EA	Concentration estimated. Analytical result was less than the negative MDL due to matrix interferences.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
	WG614555	Vanadium, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
		Zinc, dissolved	EPA 200.7	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.

GCC Rio Grande ACZ Project ID: ***L95442***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95442-03	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614818	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614397	Selenium, dissolved	EPA 200.8	BE	Target analyte in continuing calibration blank (CCB) at or above the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			EPA 200.8	DB	Sample required dilution due to low bias result.
			EPA 200.8	EA	Concentration estimated. Analytical result was less than the negative MDL due to matrix interferences.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
L95442-04	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614818	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614081	Selenium, dissolved	EPA 200.8	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.

GCC Rio Grande ACZ Project ID: ***L95442***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95442-05	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614818	Fluoride	SM 4500-F C-2011	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614598	Selenium, dissolved	EPA 200.8	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
			EPA 200.8	VA	Sample matrix caused CCV to fail; sample was analyzed on dilution for confirmation.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
L95442-06	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614081	Selenium, dissolved	EPA 200.8	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
			EPA 200.8	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.

GCC Rio Grande ACZ Project ID: ***L95442***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95442-07	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614598	Selenium, dissolved	EPA 200.8	VA	Sample matrix caused CCV to fail; sample was analyzed on dilution for confirmation.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
L95442-08	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614397	Selenium, dissolved	EPA 200.8	BE	Target analyte in continuing calibration blank (CCB) at or above the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			EPA 200.8	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.

GCC Rio Grande ACZ Project ID: ***L95442***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L95442-09	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614397	Selenium, dissolved	EPA 200.8	BE	Target analyte in continuing calibration blank (CCB) at or above the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			EPA 200.8	D5	Sample required dilution. Sample matrix causing internal standards to recover outside method limits.
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
L95442-10	WG614432	Boron, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614397	Selenium, dissolved	EPA 200.8	BE	Target analyte in continuing calibration blank (CCB) at or above the acceptance criteria. Target analyte was not detected in the sample [< MDL].
	WG614432	Sodium, dissolved	EPA 200.7	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.
L95442-11	WG613762	Nitrate/Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
		Nitrite as N	EPA 353.2	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG614045	Residue, Filterable (TDS) @180C	SM 2540 C-2011	Z3	Sample volume yielded a residue less than 2.5 mg
	WG614397	Selenium, dissolved	EPA 200.8	BE	Target analyte in continuing calibration blank (CCB) at or above the acceptance criteria. Target analyte was not detected in the sample [< MDL].
	WG614113	Sulfate	ASTM D516-07/-11/-16	M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable.

Certification Qualifiers

GCC Rio Grande

ACZ Project ID: ***L95442***

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

GCC Rio Grande

ACZ Project ID: L95442
Date Received: 06/18/2025 11:45
Received By:
Date Printed: 6/19/2025

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?		X	

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?		X	

Some parameters were received past hold time.

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
NA45365	-0.4	<=6.0	15	Yes

Was this a domestic shipment?

Yes - This is a domestic shipment.

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

GCC Rio Grande

ACZ Project ID:	L95442
Date Received:	06/18/2025 11:45
Received By:	
Date Printed:	6/19/2025

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

L95442

CHAIN of CUSTODY

Report to:

Name: Meghan Way
Company: GCC Rio Grande, Inc
E-mail: meghanway@gcc.com
Address: 3372 Lime Rd
Pueblo, CO 81004
Telephone: 719-647-6861

Copy of Report to:

Name: Landon Beck
Company: SLR Consulting
E-mail: lbeck@slrconsulting.com
Telephone: 970-459-4865

Invoice to:

Name: Meghan Way
Company: GCC Rio Grande, Inc
E-mail: meghanway@gcc.com
Address: 3372 Lime Rd
Pueblo, CO 81004
Telephone: 719-547-6861

Copy of Invoice to:

Name: Amy Rodrigues
Company: GCC Rio Grande, Inc
E-mail: aweek@gcc.com
Address:
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES ✓ NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes No ✓

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: Meghan Way Sampler's Site Information State CO Zip code 81004 Time Zone MST

*Sampler's Signature: [signature]

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: GW-COMPLIANCE
PO#: 310180
Reporting state for compliance testing:
Check box if samples include NRC licensed material?

ANALYSES REQUESTED (attach list or use quote number)

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	GW-Compliance
MW-20	6/17/25 8:34	GW	3	✓
MW-19	6/17/25 9:09	GW	3	✓
MW-12	6/17/25 9:55	GW	3	✓
MW-11	6/17/25 10:33	GW	3	✓
MW-6	6/17/25 11:03	GW	3	✓
MW-7	6/17/25 11:32	GW	3	✓
MW-8	6/17/25 12:05	GW	3	✓
MW-10	6/17/25 14:10	GW	3	✓
MW-9	6/17/25 14:31	GW	3	✓
MW-18	6/17/25 15:05	GW	3	✓
MW-3B	6/17/25 12:00	GW	3	✓

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
[signature]	6/17/25 16:30	[signature]	6/18/25 1045

Qualtrax ID: 1984 Revision #: 3 White - Return with sample. Yellow - Retain for your records.

L95442 Chain of Custo