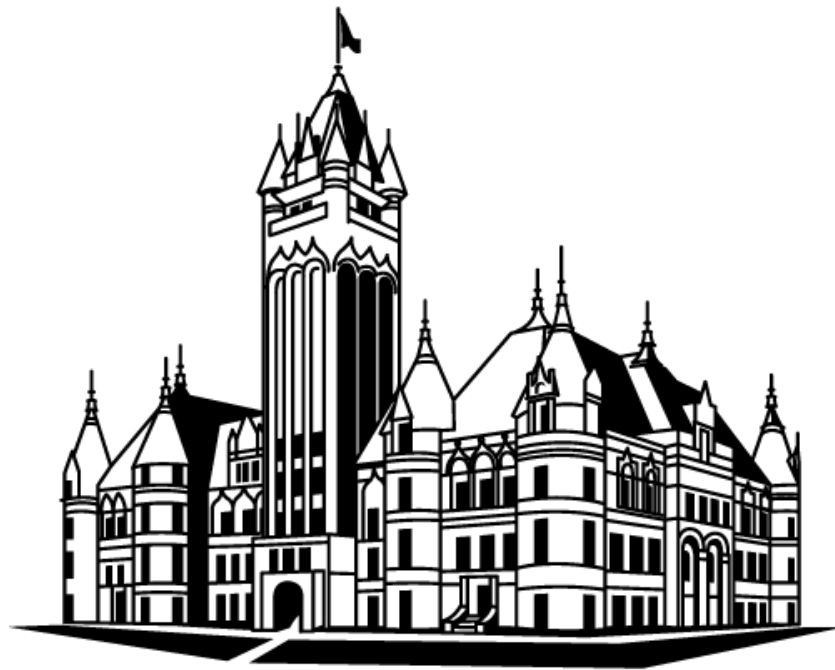


**MICA LANDFILL
SEMI-ANNUAL PERFORMANCE REPORT
March 2025**



Spokane County
WASHINGTON

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1 INTRODUCTION

1.1 MICA LANDFILL INFORMATION SUMMARY

SITE:	Mica Landfill, Spokane County, WA S.11, 14 & 15 T.24 R.44
REPORTING PERIOD:	October 2024 through March 2025.
REGULATORY AUTHORITY:	Washington State Department of Ecology, EPA Scope of work for Remedial Action as stated in the Final Cleanup Action Plan (CAP) 2002.
TECHNOLOGY:	Impermeable cover system with passive landfill gas collection and flare stations. Leachate collection system conveying leachate to local sewer for treatment and disposal.
CRITERIA:	Criteria were established as stated in the Consent Decree and outlined in the Final CAP. See Table 1-1.
SAMPLING PROGRAMS:	<u>Compliance Monitoring Program:</u> Semi-annual groundwater sampling (leachate sampling/permit discontinued) completed in accordance with Final Cleanup Action Plan (CAP) and the SAP. Since monitoring well MW-16 is still sampled on a quarterly basis; December 2024 results are included in this report. See Figure 1-1 for site locations. See Table 1-2 for well designations, and Table 1-3 for the sampling schedule.

Table 1-1 Mica Landfill Summary of Indicator Analytes and Cleanup Levels

GROUNDWATER / *LEACHATE			
Indicator Analyte	Method B Cleanup Level, ug/L	Indicator Analyte	Method B Cleanup Level, ug/L
Conventional		Volatile Organic Compounds	
Alkalinity	N	1,2-Dichloroethane	1.2
Ammonia	272,000	1,2-Dichloropropane	0.643
Chloride	N	Acetone	688
N-Nitrate	800	Benzene	0.795
Sulfate	N	cis-1,2-Dichloroethene	33
Total Dissolved Solids	N	Methylene Chloride (MC)	5
Total Organic Carbon	N	Tetrachloroethene (PCE)	0.858
Inorganics		Toluene	100
Arsenic	5	Trichloroethene (TCE)	3.98
Barium	560	Vinyl Chloride (VC)	0.023
Lead	15	Phthalates	
Manganese	1,926	bis(2- ethylhexyl) Phthalate (BEHP)	6
Mercury	0.4		
Vanadium	112		
Zinc	400		

* On November 1st, 2021, Spokane County Environmental Services discontinued the Mica Landfill's Wastewater Discharge Permit number SIU-4953-0-A, along with the leachate sampling and monthly Discharge Monitoring Reports (DMRs).

Mica Landfill Site Map

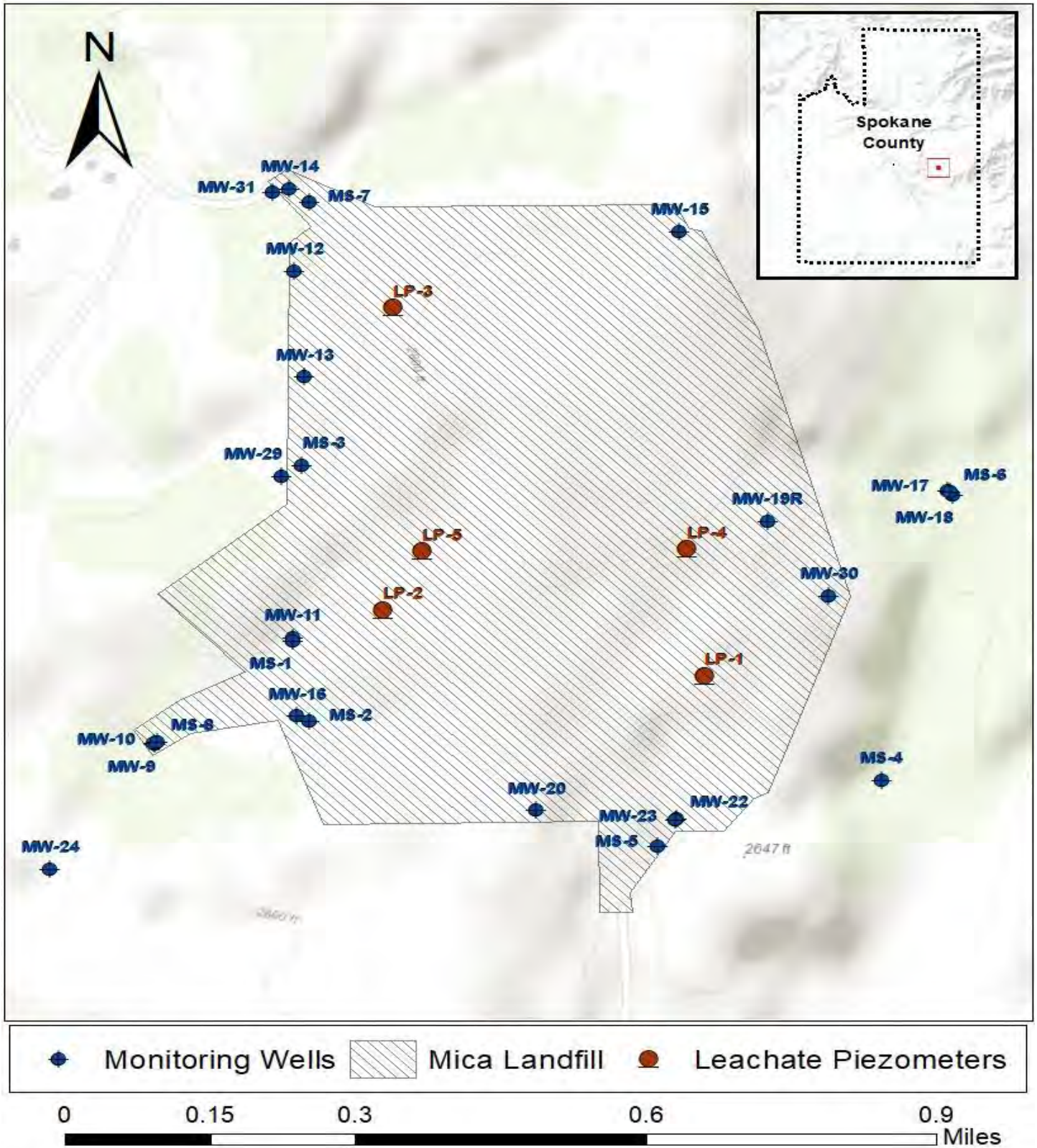


Figure 1-1: Mica Landfill Site Map

Mica Landfill RA Compliance Monitoring Wells

Table 1-2: Mica Landfill Summary Groundwater Monitoring Wells

Well ID	Geologic Unit*	Sampling Frequency	Drainage Area
MS-4	WB	Semi-Annual	Southeast
MS-5	WB	Semi-Annual	South
MW-9	WB	Semi-Annual	Southwest
MW-10	FB	Semi-Annual	Southwest
MW-13	FB	Semi-Annual	Northwest
MW-14	FB	Semi-Annual	Northwest
MW-16	FB	Quarterly	Southwest
MW-19R	FB	Semi-Annual	Southeast
MW-20	FB	Semi-Annual	South
MW-23	WB	Semi-Annual	South
MW-29	FB	Semi-Annual	Northwest
MW-31	WB	Semi-Annual	Northwest
DW-001	FB	Semi-Annual	South Pines Estates
DW-002	WB	Semi-Annual	Hidden Hollow
DW-003	FB	Semi-Annual	Miller Well
*WB = weathered (decomposed) bedrock			
*FB = fractured bedrock			

Mica Landfill Sampling Schedule

Table 1-3 Mica Landfill Sampling Schedule

LOCATION	VOLATILES				BEHP				TOC/NH3				Cl/Aik/NO3/SO4/TDS				As/Ba/Hg/Mn/Pb/V/Zn			
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
Northwest Drainage																				
MW-013	X		X						X		X		X		X		X		X	
MW-014	X		X						X		X		X		X		X		X	
MW-029	X		X		X				X		X		X		X		X		X	
MW-031	X		X						X		X		X		X		X		X	
Southwest Drainage																				
MW-009	X		X		X				X		X		X		X		X		X	
MW-010	X		X						X		X		X		X		X		X	
MW-016	X	X	X	X					X	X	X	X	X		X		X	X	X	X
South Drainage																				
MS-005	X		X		X				X		X		X		X		X		X	
MW-020	X		X						X		X		X		X		X		X	
MW-023	X		X						X		X		X		X		X		X	
Southeast Drainage																				
MS-004	X		X		X		X		X		X		X		X		X		X	
MW-019R	X		X						X		X		X		X		X		X	
Domestic Wells																				
DW-001	X		X		X				X		X		X		X		X		X	
DW-002	X		X		X				X		X		X		X		X		X	
DW-003	X		X		X				X		X		X		X		X		X	

2 GROUNDWATER

2.1 GROUNDWATER DATA/SUMMARIES

PROBLEMS/ DEVIATIONS

Monitoring wells MS-4, MW-13, MW-19R, and MW-29 are low-producing wells that are purged once and allowed to recharge before obtaining samples. County personnel were unable to obtain groundwater samples from MW-29 due to the muddy/unsafe conditions at the site. MW-29 will be sampled in June 2025, when conditions are sufficient to collect groundwater samples.

FIELD DATA

Field parameters for this report, including water elevations, are shown in Table 2-1.

CRITERIA EXCEEDANCES

Concentrations found above the clean-up criteria during this reporting period are presented in Table 2-2.

NORTHWEST DRAINAGE (MW-13, MW-14, MW-29, and MW-31)

Nitrate concentrations in MW-31 continued to exceed the cleanup criteria during the March 2025 sampling event. Since 2021, the data suggests a seasonal pattern in nitrate concentrations. County personnel were unable to collect groundwater samples from MW-29 due to muddy and unsafe site conditions, resulting in no reportable exceedances.

SOUTHWEST DRAINAGE (MW-9, MW-10, and MW-16)

Several VOC concentrations found in MW-16 were above the clean-up criteria during the December 2024 and March 2025 sampling events. VOCs that had concentrations above the clean-up criteria included 1,2-DCA, 1,2-DCP, and benzene. Concentrations for 1,2-DCP are currently on an increasing trend, and concentrations for 1,2-DCA, benzene, and vinyl chloride appear to be currently plateauing/decreasing. Vinyl chloride concentrations in MW-16 were non-detectable during the March 2025 sampling event. Arsenic and barium concentrations were above their designated cleanup criteria in MW-16 during the December 2024 and March 2025 sampling events. Arsenic concentrations have continued to increase since 1995, and barium concentrations have continued to decrease since 2014. Any constituents that exhibited laboratory detections in MW-9 and MW-10 continue to show decreasing trends or consistent concentrations with previous years.

SOUTH DRAINAGE (MS-5, MW-20, and MW-23)

Nitrate concentrations in MS-5 and MW-20 exceeded the cleanup criteria during the March 2025 sampling event. Arsenic and lead concentrations in MW-20 remained below the cleanup criteria during this reporting period. There appears to be somewhat high seasonal variation associated with the arsenic, barium, and lead concentrations in MW-20. Lead and arsenic concentrations appear to be plateauing, and potentially starting to decline.

SOUTHEAST DRAINAGE (MS-4 and MW-19R)

Monitoring wells MW-19R and MS-4 exhibited nitrate concentrations above the clean-up criteria during the March 2025 sampling event. Nitrate concentrations in MW-19R appear to be relatively stable. Nitrate concentrations in MS-4 increased from 4.7 ppb in 2019 to 10.2 ppb in 2021. From

2021 to the present, nitrate concentrations have stabilized, remaining below 11 ppb. Mercury concentrations found in MS-4 exceeded the clean-up criteria during this reporting period. There are several examples of inorganic/conventional concentrations decreasing in MW-19R while concentrations increase in MS-4, indicating constituent concentration relationships between the two monitoring wells that are supported by the groundwater flow direction.

DOMESTIC WELLS (DW-1, DW-2, and DW-3)

Domestic Wells DW-2 and DW-3 continue to exhibit nitrate concentrations above the criteria of 0.8 mg/L. Nitrate concentrations in DW-3 appear to be on a current downward trend, while concentrations in DW-1 and DW-2 appear to be plateauing/decreasing.

CHEMICAL DATA

All analytical results for this reporting period are shown in Table 2-3. Time-series graphs for northwest area analyte concentrations are presented in Figure 2-1 and Figure 2-2. Time-series graphs for southwest area analyte concentrations are presented in Figure 2-3 through Figure 2-9. Time-series graphs for the south area analyte concentrations are presented in Figure 2-10 through Figure 2-12. Time-series graphs for the southeast area analyte concentrations are presented in Figure 2-13 and Figure 2-14. Time-series graphs for the domestic well analyte concentrations are presented in Figure 2-15 and Figure 2-16.

A data validation summary for the laboratory results is presented in APPENDIX A: DATA VALIDATION SUMMARY. Because of the high volatile organic concentrations found in MW-16, dilutions for laboratory analysis are necessary. This typically increases the method reporting limit for the analytes, and while most detections are well above these elevated reporting limits, there may be some low-level concentrations that will not be represented in these laboratory results.

MICA LANDFILL DATA SUMMARY

NORTHWEST DRAINAGE (MW-13, MW-14, MW-29, and MW-31)

The northwest drainage wells show little to no detections of VOCs. MW-31 indicates decreasing trends for alkalinity, chloride, sulfate, TDS, and TOC. MW-13 continues to exhibit concentration decreases for nitrate, sulfate, and barium. Several analyte concentrations exhibited increases during this reporting period, including TOC/ammonia in MW-13; alkalinity/ammonia in MW-14; and TDS, alkalinity, TOC, nitrate, ammonia, barium, manganese, and arsenic in MW-31. County personnel were unable to obtain groundwater samples from MW-29 due to the muddy/unsafe conditions at the site. MW-29 will be sampled in June 2025, when conditions are sufficient to collect groundwater samples, and the results will be reported in the September 2025 Mica Landfill Remedial Progress Report.

SOUTHWEST DRAINAGE (MW-9, MW-10, and MW-16)

The majority of detected analyte concentrations for the Southwest wells are exhibiting overall decreases, with some exceptions. While overall 1,2-DCP concentrations in MW-16 began to decrease in 2019, concentrations have continued to increase since March 2021. Since 1995, arsenic concentrations found in MW-16 have increased, but the data from the most recent sampling events indicate that concentrations appear to be plateauing. Barium concentrations in MW-16 continue to exhibit a decreasing trend. Acetone concentrations found in MW-16 dropped below the cleanup criteria after the December 2021 sampling event, and continue to exhibit

concentrations below the cleanup criteria. Several analyte concentrations exhibited increases during this reporting period, including alkalinity, TDS, TOC, nitrate, and barium in MW-9; alkalinity, nitrate, and chloride in MW-10; and TDS, ammonia, and arsenic in MW-16.

SOUTH DRAINAGE (MS-5, MW-20, and MW-23)

Most detected analyte concentrations identified in the southern wells are exhibiting decreasing concentration trends. There appears to be seasonal variation associated with inorganic concentrations found in MW-20, with concentrations for arsenic, barium, and lead concentrations typically highest during the March sampling events. Several analyte concentrations exhibited increases during this reporting period, including TDS/alkalinity in MS-5; TOC/ammonia in MW-20; and TDS/ammonia in MW-23.

SOUTHEAST DRAINAGE (MS-4 and MW-19R)

Monitoring well MS-4 shows increasing trends for alkalinity, nitrate, sulfate, TDS, and barium. While nitrate concentrations have recently exhibited increasing trends, the most recent sampling events indicate a possible plateau/decrease in concentrations. Monitoring well MW-19R indicates decreasing trends for most conventionals and barium. As mentioned above, there are several examples of inorganic and conventional concentrations decreasing in MW-19R while concentrations increase in MS-4, indicating constituent concentration relationships between the two monitoring wells that are supported by the groundwater flow direction. Several analyte concentrations exhibited increases during this reporting period, including TDS, TOC, ammonia, chloride, and manganese in MW-4; and TDS, TOC, and ammonia in MW-19R.

DOMESTIC WELLS (DW-1, DW-2, and DW-3)

Data from DW-1 show overall increasing trends for nitrate, chloride, and barium. While nitrate and barium concentrations exhibited statistically significant increasing trends over previous years, concentrations have been plateauing/decreasing during the most recent sampling events. DW-2 indicates a decreasing trend for nitrate. Nitrate concentrations for DW-2 have continued to decrease since 1997, and are just above the cleanup criteria. DW-3 shows increasing trends for nitrate, sulfate, and barium. Nitrate concentrations for DW-3 reached a peak in September 2020, but have continued to decrease to the present. Sulfate and barium concentrations appear to be plateauing/decreasing. Several analyte concentrations exhibited increases during this reporting period, including alkalinity, chloride, TOC, zinc, ammonia, manganese, and barium in DW-1; chloride, sulfate, ammonia, nitrate, and zinc in DW-2; and alkalinity/ammonia in DW-3.

Mica Landfill Field Parameters

Table 2-1 Mica Landfill Field Parameters Summary

StationID	SampleDate	Temp	PH	Conductivity	Turbidity	WElev
DW-001	3/4/2025	11.2	6.9	333	4.97	
DW-002	3/4/2025	10.9	7.16	330	2.57	
DW-003	3/4/2025	11.2	7.52	336	0.72	2394.76
MS-004	3/4/2025	9.2	7.04	424	11.07	2513.20
MS-005	3/4/2025	10.2	6.82	287	2.72	2559.08
MW-009	3/4/2025	6.3	6.88	403	22.7	2494.48
MW-010	3/4/2025	8.8	7.33	197	0.043	2494.11
MW-013	3/4/2025	9.6	6.89	363	0.62	2670.15
MW-014	3/4/2025	8.8	7.1	145	0.89	2591.06
MW-016	12/4/2024	10.4	6.92	1596	5.96	2535.34
MW-016	3/5/2025	10.3	6.95	1563	8.53	2536.16
MW-019R	3/4/2025	10.7	6.98	235	15.28	2690.86
MW-020	3/4/2025	10.9	7.29	516	7.89	2589.54
MW-023	3/5/2025	10.6	7.09	647	8.7	2560.26
MW-031	12/4/2024	10.6	6.81	312	0.61	2588.79
MW-031	3/4/2025	7.8	6.82	121	0.79	2590.17

Temp: Degrees C, Conductivity: umhos/cm, Turbidity: NTU, Welev: ft above MSL

Criteria Exceedances

Table 2-2: Criteria Exceedances for Reporting Period

StationID	SampleDate	Analyte	MTCAB	Result	Detect Limit	Qualifier	Units	Type	DrainageArea
DW-002	3/4/2025	N-Nitrate	0.8	1.03	0.05		mg/L	C	Domestic
DW-003	3/4/2025	N-Nitrate	0.8	1.42	0.05		mg/L	C	Domestic
MW-031	12/4/2024	N-Nitrate	0.8	0.999	0.05		mg/L	C	Northwest
MW-031	3/4/2025	N-Nitrate	0.8	1.05	0.05		mg/L	C	Northwest
MS-005	3/4/2025	N-Nitrate	0.8	1.25	0.05		mg/L	C	South
MW-020	3/4/2025	N-Nitrate	0.8	1.75	0.05		mg/L	C	South
MS-004	3/4/2025	N-Nitrate	0.8	9.96	0.5		mg/L	C	Southeast
MS-004	3/4/2025	Mercury	0.0004	0.000571	0.0002		mg/L	I	Southeast
MW-019R	3/4/2025	N-Nitrate	0.8	1.2	0.05		mg/L	C	Southeast
MW-016	12/4/2024	Arsenic	0.005	0.0641	0.001		mg/L	I	Southwest
MW-016	3/5/2025	Arsenic	0.005	0.067	0.001		mg/L	I	Southwest
MW-016	12/4/2024	Barium	0.56	0.561	0.004		mg/L	I	Southwest
MW-016	3/5/2025	Barium	0.56	0.577	0.004		mg/L	I	Southwest
MW-016	12/4/2024	1,2-Dichloroethane	1.2	2.23	0.5		ug/L	V	Southwest
MW-016	3/5/2025	1,2-Dichloroethane	1.2	2.58	0.5		ug/L	V	Southwest
MW-016	12/4/2024	1,2-Dichloropropane	0.643	14.5	5		ug/L	V	Southwest
MW-016	3/5/2025	1,2-Dichloropropane	0.643	16.7	0.5		ug/L	V	Southwest
MW-016	12/4/2024	Benzene	0.795	10.3	0.5		ug/L	V	Southwest
MW-016	3/5/2025	Benzene	0.795	10.4	0.5		ug/L	V	Southwest

Results with reporting/detection limits greater than the established criteria are highlighted in **Red**.

Criteria Exceedances – Summary of changes from 2024 to 2025:

StationID	Drainage	Analyte	Summary of change
MS-004	Southeast	Mercury	Increased from no exceedance in 2024 to exceedance in 2025
MW-016	Southwest	Vinyl chloride	Decreased from exceedance in 2024 to no exceedance in 2025

Mica Landfill Groundwater Analytical Results

Table 2-3: Groundwater Analytical Results for the Reporting Period

Analyte	Date	AnalyteCat	Units	DW-003	MS-004	MS-005	MW-009	MW-010	MW-013	MW-014	MW-016	MW-019R	MW-020	MW-023	MW-031	DW-001	DW-002
ALK	12-2024	C	mg/L as Ca												139		
ALK	3-2025	C	mg/L as Ca	180	181	93.7	191	99.6	184	80.5	1250	101	227	296	52.3	143	160
Cl	12-2024	C	mg/L												11.2		
Cl	3-2025	C	mg/L	0.82	0.71	15.8	7.56	0.57	7.6	0.8	154	4.99	6.86	38.2	11	17.7	9.6
N-NH3	12-2024	C	mg/L								0.428				0.03U		
N-NH3	3-2025	C	mg/L	0.062	0.059	0.03U	0.03U	0.068	0.075	0.033	0.481	0.069	0.031	0.083	0.061	0.068	0.07
N-NO3	12-2024	C	mg/L												0.999		
N-NO3	3-2025	C	mg/L	1.42	9.96	1.25	0.127	0.234	0.465	0.05U	0.05U	1.2	1.75	0.05U	1.05	0.257	1.03
SO4	12-2024	C	mg/L												2.62		
SO4	3-2025	C	mg/L	1.21	9.61	11.5	2.89	0.74	2.57	8.82	0.3U	4.08	4.38	7.93	3.55	10.2	4.96
TDS	12-2024	C	mg/L												213		
TDS	3-2025	C	mg/L		309	207	216	130	255	135	1380	152	288	437	137		
TOC	12-2024	C	mg/L								25.9				3.61		
TOC	3-2025	C	mg/L	1U	1.36	1.21	2.28	1U	1.11	1U	24.3	1.27	1.3	2.16	5.23	1.3	1U
As	12-2024	I	mg/L								0.0641				0.001U		
As	3-2025	I	mg/L	0.001U	0.001U	0.001U	0.001U	0.001U	0.001U	0.00101	0.067	0.001U	0.0014	0.001U	0.00101	0.001U	0.001U
Ba	12-2024	I	mg/L								0.561				0.0913		
Ba	3-2025	I	mg/L	0.0273	0.0899	0.0376	0.114	0.0462	0.0457	0.004U	0.577	0.0304	0.193	0.112	0.0504	0.0232	0.039
Hg	12-2024	I	mg/L								0.0002U				0.0002U		
Hg	3-2025	I	mg/L	0.0002U	0.000571	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U
Mn	12-2024	I	mg/L								0.491				0.008U		
Mn	3-2025	I	mg/L	0.008U	0.0097	0.008U	0.251	0.008U	0.008U	0.122	0.5	0.008U	0.0633	0.932	0.0188	0.0129	0.008U
Pb	12-2024	I	mg/L								0.015U				0.015U		
Pb	3-2025	I	mg/L	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U
Va	12-2024	I	mg/L								0.005U				0.005U		
Va	3-2025	I	mg/L	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U
Zn	12-2024	I	mg/L								0.01U				0.01U		
Zn	3-2025	I	mg/L	0.0744	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U	0.0226	0.01U	0.01U	0.137	0.0301

Analyte	Date	AnalyteCat	Units	DW-003	MS-004	MS-005	MW-009	MW-010	MW-013	MW-014	MW-016	MW-019R	MW-020	MW-023	MW-031	DW-001	DW-002
BEHP	3-2025	S	ug/L	0.487U	0.448U	0.491U	0.5U									0.489U	0.495U
1,2-DCA	12-2024	V	ug/L								2.23				0.5U		
1,2-DCA	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	2.58	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
1,2-DCP	12-2024	V	ug/L								14.5				0.5U		
1,2-DCP	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	16.7	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Acetone	12-2024	V	ug/L								60.4				2.5U		
Acetone	3-2025	V	ug/L	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	25	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Benzene	12-2024	V	ug/L								10.3				0.5U		
Benzene	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	10.4	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
cis-1,2-DCE	12-2024	V	ug/L								0.94				0.5U		
cis-1,2-DCE	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.68	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Ethylbenzene	12-2024	V	ug/L								35.8				0.5U		
Ethylbenzene	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	45	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
m+p-Xylene	12-2024	V	ug/L								37.2				0.5U		
m+p-Xylene	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	35.1	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
MC	12-2024	V	ug/L								2.5U				2.5U		
MC	3-2025	V	ug/L	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
O-Xylene	12-2024	V	ug/L								17.3				0.5U		
O-Xylene	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	15.9	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
PCE	12-2024	V	ug/L								0.5U				0.5U		
PCE	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
TCE	12-2024	V	ug/L								0.5U				0.5U		
TCE	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Toluene	12-2024	V	ug/L								6.3				0.5U		
Toluene	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	4.6	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
VC	12-2024	V	ug/L								0.5U				0.5U		
VC	3-2025	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U

Blue bold indicates concentrations detected above Method Reporting Limit.

Orange bold indicates "UD" qualifier. The sample was diluted during lab analysis, and was a non-detection at the reported detection limit.

D = Sample diluted during lab analysis

U = Non-detection at the reported detection limit

Analyte Criteria Exceedance Time-Series Graphs

NW Drainage Monitoring Wells: Conventional Time-Series Graphs

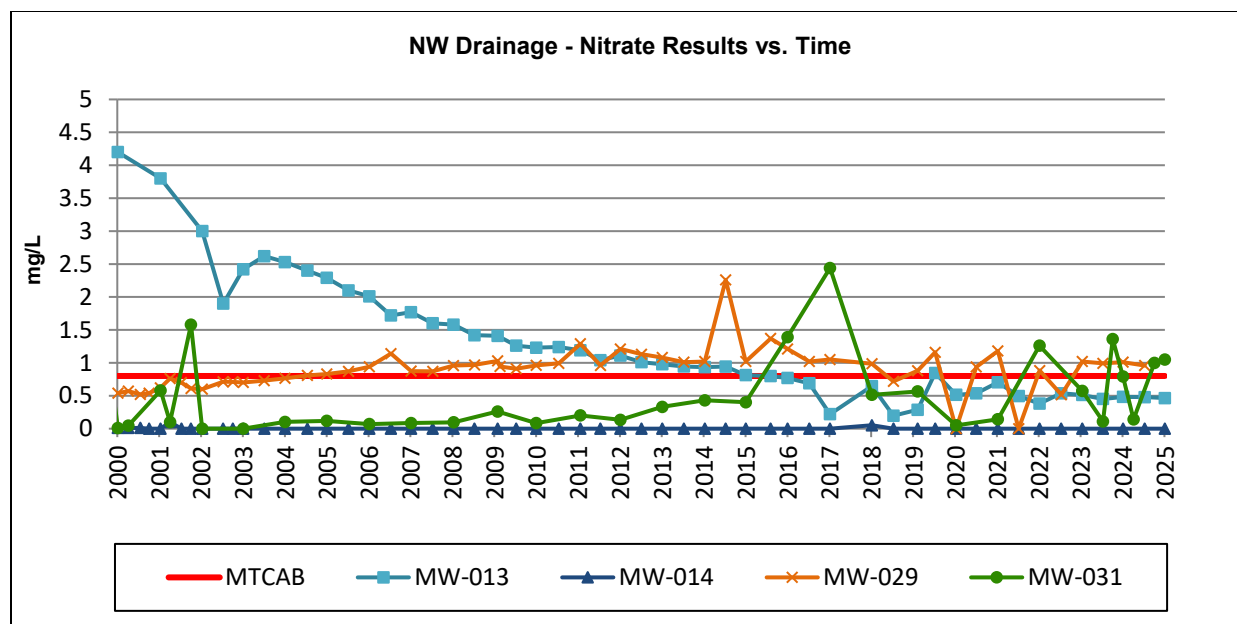


Figure 2-1: Northwest Monitoring Wells Nitrate Concentrations vs. Time

NW Drainage Monitoring Wells: VOCs/SVOCs Time-Series Graphs

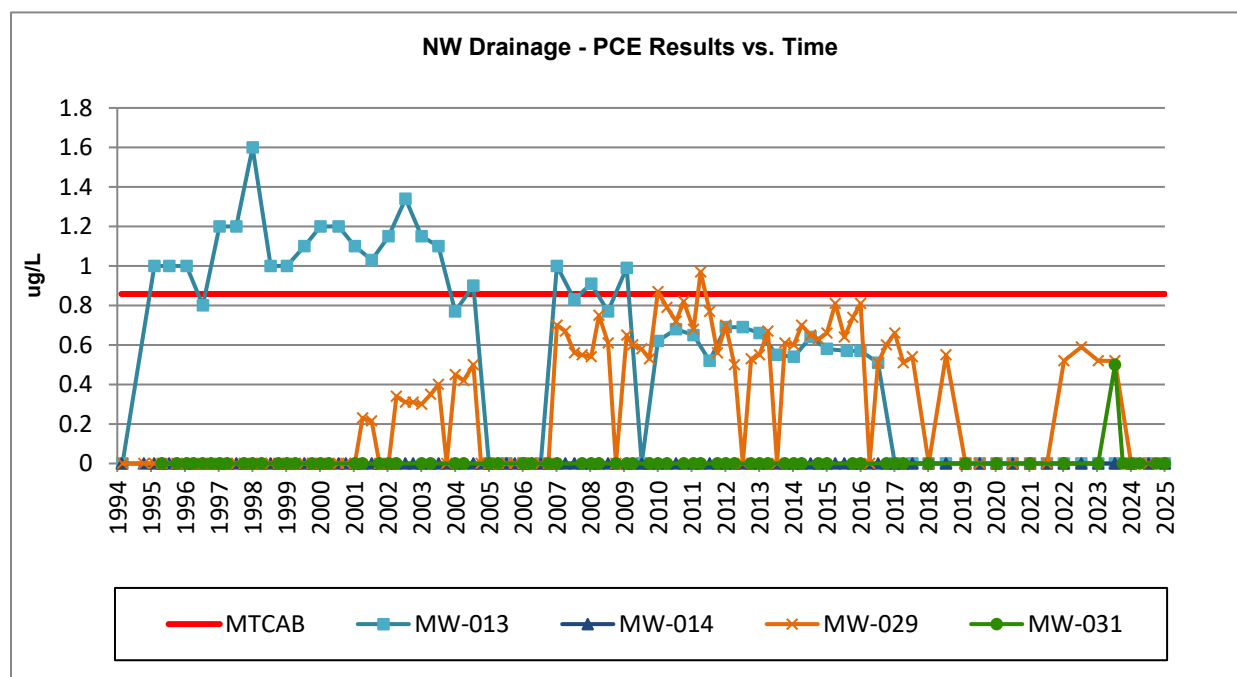


Figure 2-2: Northwest Monitoring Wells PCE Concentrations vs. Time

NW Analyte Concentrations: Summary of 5-year and 1-year differences:

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
MW-013	Northwest	ALK	190	185	184	-6	-1	mg/L as Ca
MW-013	Northwest	Cl	8.82	8.17	7.6	-1.22	-0.57	mg/L
MW-013	Northwest	N-NH3	0	0	0.075	0.075	0.075	mg/L
MW-013	Northwest	N-NO3	0.536	0.483	0.465	-0.071	-0.018	mg/L
MW-013	Northwest	SO4	3.73	3.58	2.57	-1.16	-1.01	mg/L
MW-013	Northwest	TDS	248	257	255	7	-2	mg/L
MW-013	Northwest	TOC	1.17	0	1.11	-0.06	1.11	mg/L
MW-014	Northwest	ALK	77.5	77	80.5	3	3.5	mg/L as Ca
MW-014	Northwest	Cl	0.72	0.87	0.8	0.08	-0.07	mg/L
MW-014	Northwest	N-NH3	0	0	0.033	0.033	0.033	mg/L
MW-014	Northwest	N-NO3	0	0	0	0	0	mg/L
MW-014	Northwest	SO4	9.17	9.35	8.82	-0.35	-0.53	mg/L
MW-014	Northwest	TDS	112	142	135	23	-7	mg/L
MW-014	Northwest	TOC	0	0	0	0	0	mg/L
MW-029	Northwest	ALK	101	105	N/A	N/A	N/A	mg/L as Ca
MW-029	Northwest	Cl	134	138	N/A	N/A	N/A	mg/L
MW-029	Northwest	N-NH3	0	0	N/A	N/A	N/A	mg/L
MW-029	Northwest	N-NO3	0.937	1.01	N/A	N/A	N/A	mg/L
MW-029	Northwest	SO4	6.98	7.32	N/A	N/A	N/A	mg/L
MW-029	Northwest	TDS	399	380	N/A	N/A	N/A	mg/L
MW-029	Northwest	TOC	0	0	N/A	N/A	N/A	mg/L
MW-031	Northwest	ALK	N/A	41.5	52.3	N/A	10.8	mg/L as Ca
MW-031	Northwest	Cl	N/A	11.6	11	N/A	-0.6	mg/L
MW-031	Northwest	N-NH3	N/A	0	0.061	N/A	0.061	mg/L
MW-031	Northwest	N-NO3	N/A	0.791	1.05	N/A	0.259	mg/L
MW-031	Northwest	SO4	N/A	4.19	3.55	N/A	-0.64	mg/L
MW-031	Northwest	TDS	N/A	119	137	N/A	18	mg/L
MW-031	Northwest	TOC	N/A	4.72	5.23	N/A	0.51	mg/L
MW-013	Northwest	As	0	0	0	0	0	mg/L
MW-013	Northwest	Ba	0.0537	0.0473	0.0457	-0.008	-0.0016	mg/L
MW-013	Northwest	Mn	0	0	0	0	0	mg/L
MW-013	Northwest	Pb	0	0	0	0	0	mg/L
MW-013	Northwest	Zn	0	0	0	0	0	mg/L
MW-014	Northwest	As	0	0.00224	0.00101	0.00101	-0.00123	mg/L
MW-014	Northwest	Ba	0	0	0	0	0	mg/L
MW-014	Northwest	Mn	0.488	0.25	0.122	-0.366	-0.128	mg/L
MW-014	Northwest	Pb	0	0	0	0	0	mg/L
MW-014	Northwest	Zn	0	0	0	0	0	mg/L
MW-029	Northwest	As	0	0	N/A	N/A	N/A	mg/L
MW-029	Northwest	Ba	0.108	0.0997	N/A	N/A	N/A	mg/L
MW-029	Northwest	Mn	0	0	N/A	N/A	N/A	mg/L
MW-029	Northwest	Pb	0	0	N/A	N/A	N/A	mg/L
MW-029	Northwest	Zn	0	0	N/A	N/A	N/A	mg/L
MW-031	Northwest	As	N/A	0	0.00101	N/A	0.00101	mg/L

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
MW-031	Northwest	Ba	N/A	0.0437	0.0504	N/A	0.0067	mg/L
MW-031	Northwest	Mn	N/A	0.0126	0.0188	N/A	0.0062	mg/L
MW-031	Northwest	Pb	N/A	0	0	N/A	0	mg/L
MW-031	Northwest	Zn	N/A	0	0	N/A	0	mg/L
MW-013	Northwest	1,2-DCA	0	0	0	0	0	ug/L
MW-013	Northwest	1,2-DCP	0	0	0	0	0	ug/L
MW-013	Northwest	Acetone	0	0	0	0	0	ug/L
MW-013	Northwest	Benzene	0	0	0	0	0	ug/L
MW-013	Northwest	DCA	1.15	0.77	0.55	-0.6	-0.22	ug/L
MW-013	Northwest	MC	0	0	0	0	0	ug/L
MW-013	Northwest	PCE	0	0	0	0	0	ug/L
MW-013	Northwest	TCE	0	0	0	0	0	ug/L
MW-013	Northwest	Toluene	0	0	0	0	0	ug/L
MW-013	Northwest	VC	0	0	0	0	0	ug/L
MW-014	Northwest	1,2-DCA	0	0	0	0	0	ug/L
MW-014	Northwest	1,2-DCP	0	0	0	0	0	ug/L
MW-014	Northwest	Acetone	0	0	0	0	0	ug/L
MW-014	Northwest	Benzene	0	0	0	0	0	ug/L
MW-014	Northwest	DCA	0	0	0	0	0	ug/L
MW-014	Northwest	MC	0	0	0	0	0	ug/L
MW-014	Northwest	PCE	0	0	0	0	0	ug/L
MW-014	Northwest	TCE	0	0	0	0	0	ug/L
MW-014	Northwest	Toluene	0	0	0	0	0	ug/L
MW-014	Northwest	VC	0	0	0	0	0	ug/L
MW-029	Northwest	1,2-DCA	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	1,2-DCP	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	Acetone	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	Benzene	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	DCA	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	MC	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	PCE	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	TCE	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	Toluene	0	0	N/A	N/A	N/A	ug/L
MW-029	Northwest	VC	0	0	N/A	N/A	N/A	ug/L
MW-031	Northwest	1,2-DCA	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	1,2-DCP	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	Acetone	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	Benzene	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	DCA	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	MC	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	PCE	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	TCE	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	Toluene	N/A	0	0	N/A	0	ug/L
MW-031	Northwest	VC	N/A	0	0	N/A	0	ug/L

Analytes that exceeded clean-up criteria this reporting period are displayed in **ORANGE**.

Increases in analyte concentrations are highlighted in **RED**.

Decreases in analyte concentrations are highlighted in **BLUE**.

SW MW-16 Monitoring Well: VOCs/SVOCs Time-Series Graphs

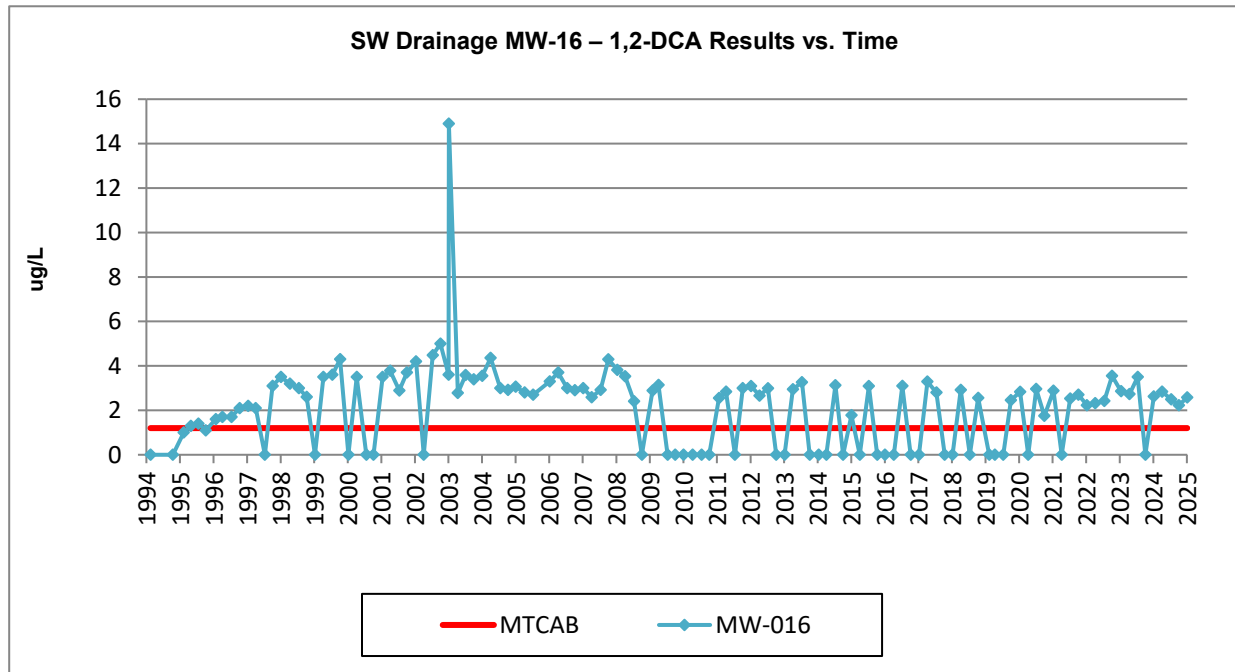


Figure 2-3: SW Monitoring Well MW-16 1,2-DCA Concentrations vs. Time

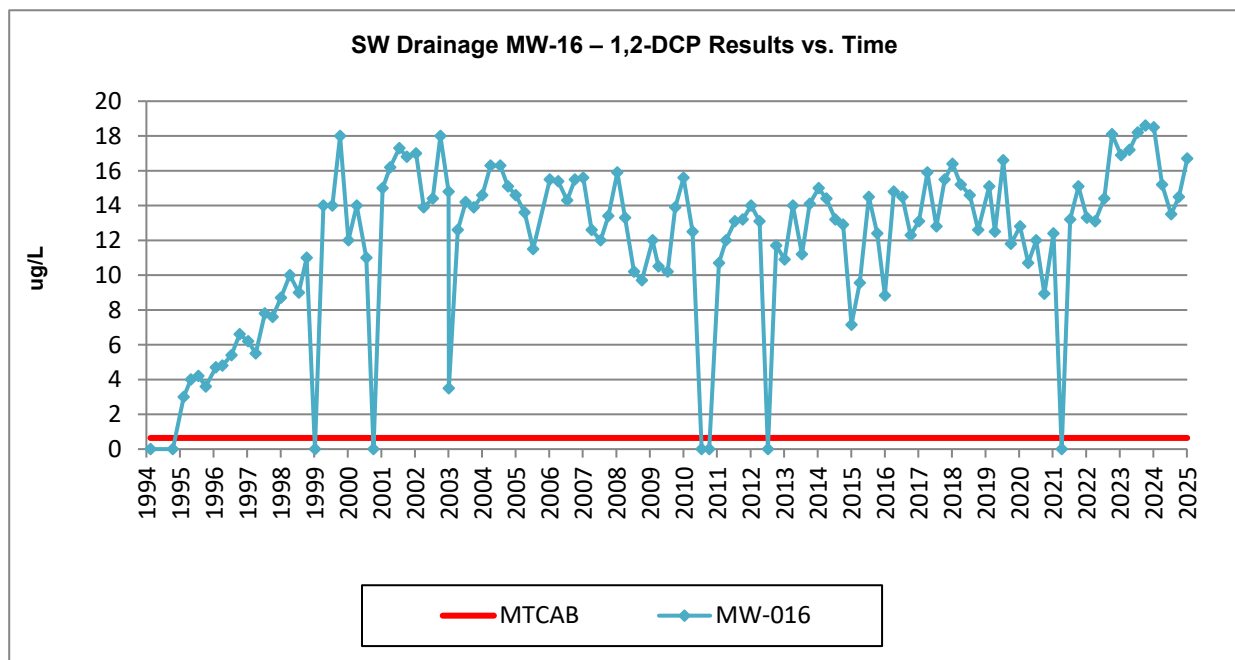


Figure 2-4: SW Monitoring Well MW-16 1,2-DCP Concentrations vs. Time

MW-16 Monitoring Well VOCs/SVOCs Time-Series Graphs (cont.)

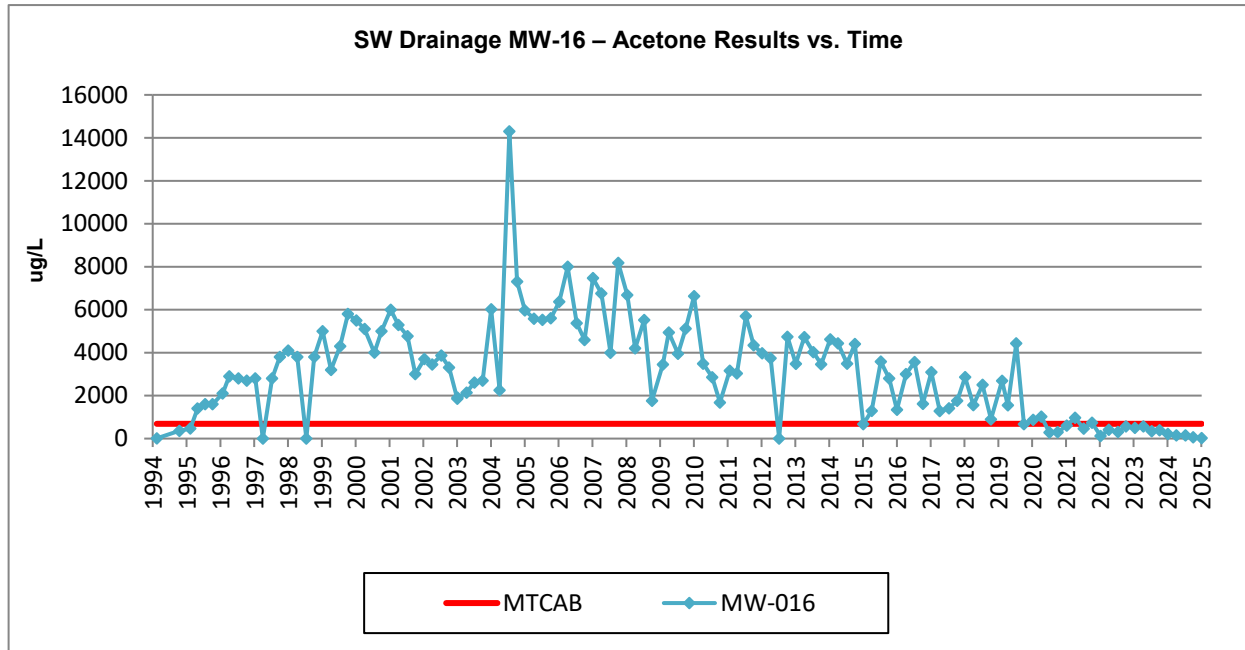


Figure 2-5: SW Monitoring Well MW-16 Acetone Results vs. Time

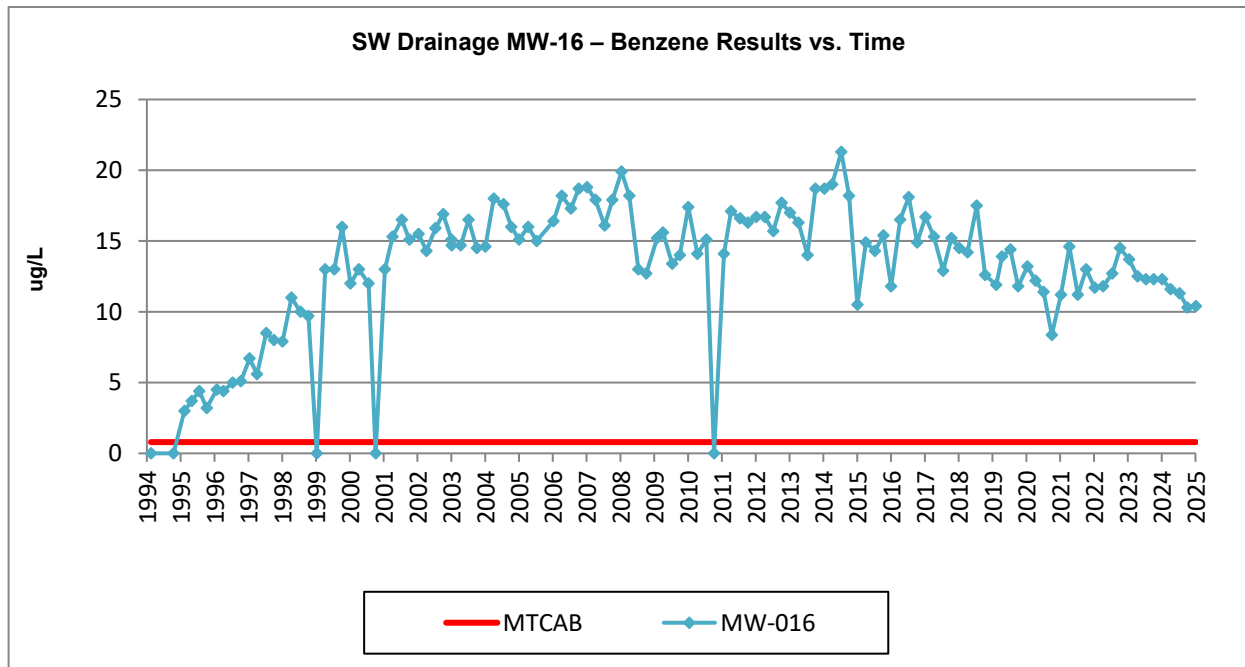


Figure 2-6: SW Monitoring Well MW16 Benzene Results vs. Time

MW-16 Monitoring Well VOCs/SVOCs Time-Series Graphs (cont.)

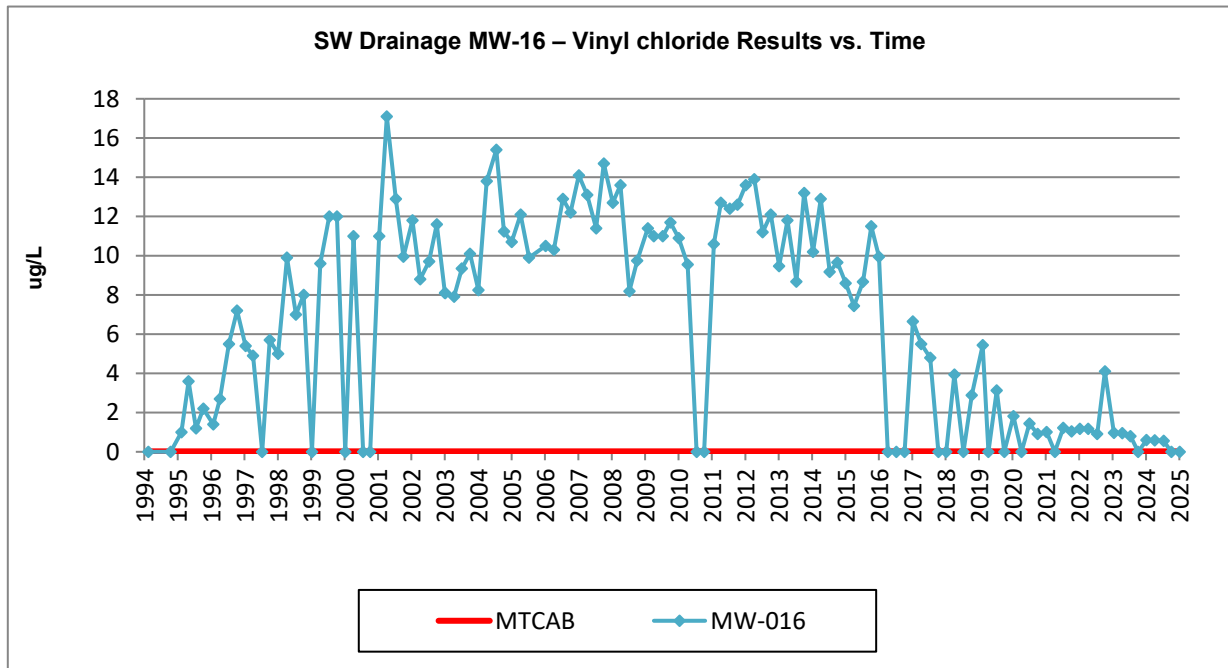


Figure 2-7: SW Monitoring Well MW-16 VC Results vs. Time

SW MW-16 Monitoring Well: Inorganics Time-Series Graphs

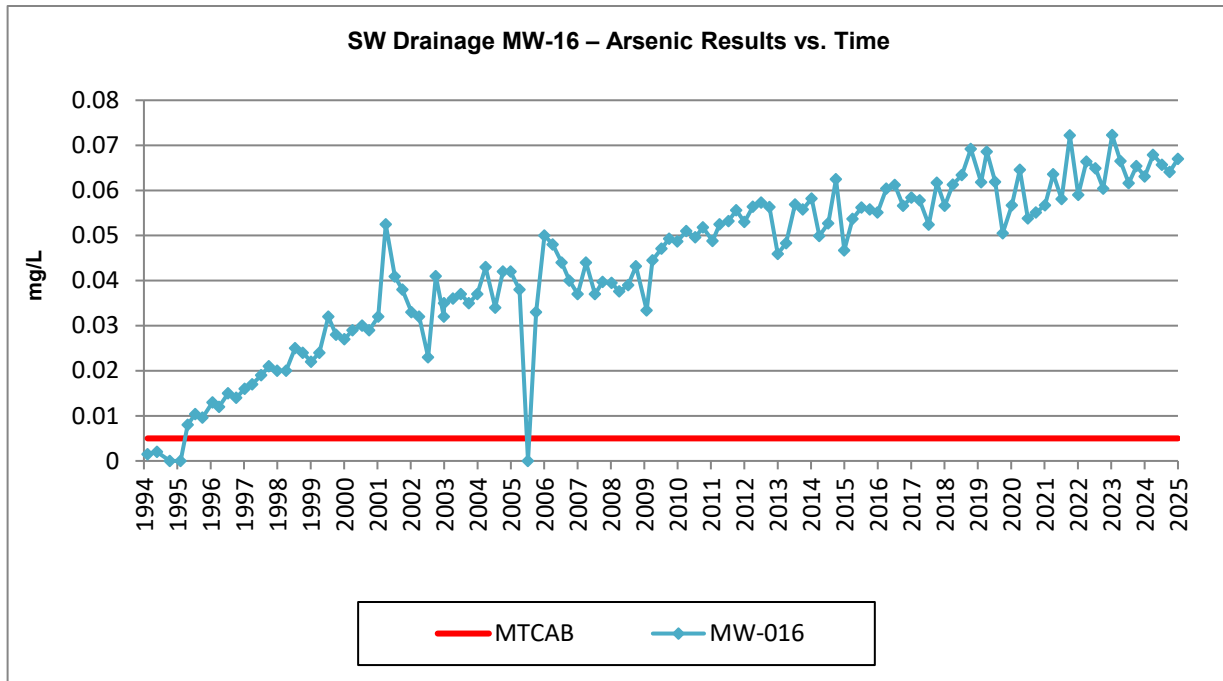


Figure 2-8: SW Monitoring Well MW-16 Arsenic Results vs. Time

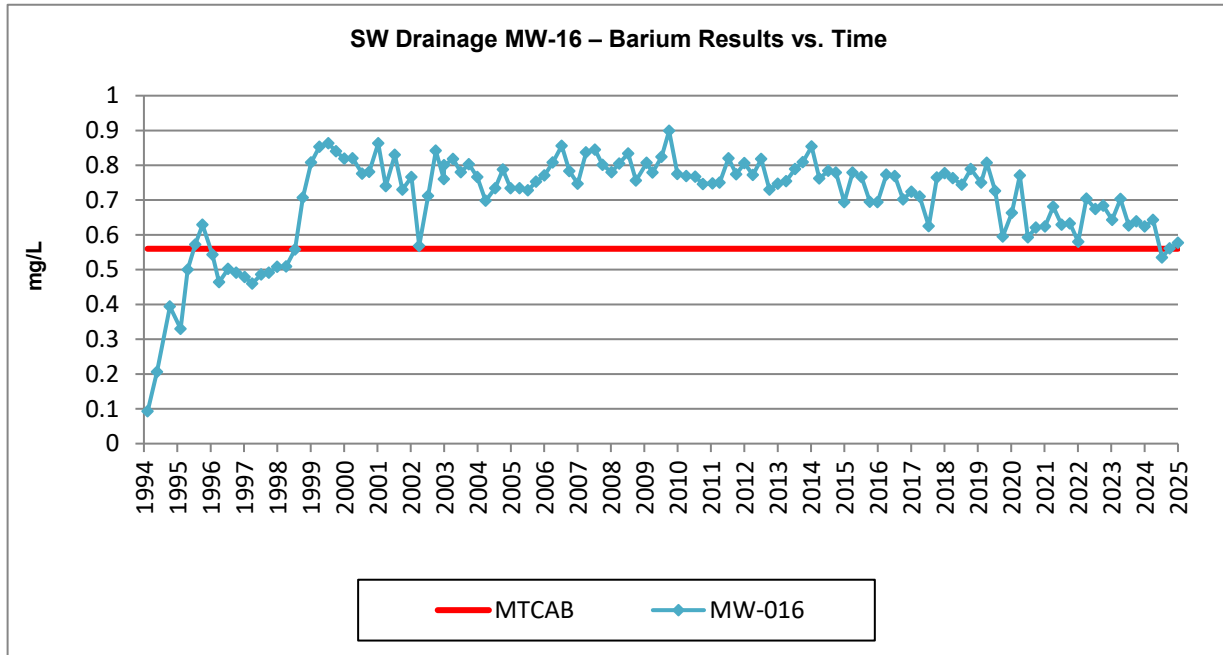


Figure 2-9: SW Monitoring Well MW-16 Barium Results vs. Time

MW-016 Analyte Concentrations: Summary of 5-year and 1-year differences:

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
MW-016	Southwest	ALK	1320	1270	1250	-70	-20	mg/L as Ca
MW-016	Southwest	Cl	148	160	154	6	-6	mg/L
MW-016	Southwest	N-NH3	0.469	0.356	0.481	0.012	0.125	mg/L
MW-016	Southwest	N-NO3	0.149	0	0	-0.149	0	mg/L
MW-016	Southwest	SO4	0	0	0	0	0	mg/L
MW-016	Southwest	TDS	1360	1300	1380	20	80	mg/L
MW-016	Southwest	TOC	31.5	28.6	24.3	-7.2	-4.3	mg/L
MW-016	Southwest	As	0.0538	0.0631	0.067	0.0132	0.0039	mg/L
MW-016	Southwest	Ba	0.593	0.624	0.577	-0.016	-0.047	mg/L
MW-016	Southwest	Mn	0.432	0.607	0.5	0.068	-0.107	mg/L
MW-016	Southwest	Pb	0	0	0	0	0	mg/L
MW-016	Southwest	Zn	0	0	0	0	0	mg/L
MW-016	Southwest	1,2-DCA	2.96	2.62	2.58	-0.38	-0.04	ug/L
MW-016	Southwest	1,2-DCP	12	18.5	16.7	4.7	-1.8	ug/L
MW-016	Southwest	Acetone	286	218	25	-261	-193	ug/L
MW-016	Southwest	Benzene	11.4	12.3	10.4	-1	-1.9	ug/L
MW-016	Southwest	DCA	4.84	11.2	10.3	5.46	-0.9	ug/L
MW-016	Southwest	MC	0	0	0	0	0	ug/L
MW-016	Southwest	PCE	0	0	0	0	0	ug/L
MW-016	Southwest	TCE	0.62	0.54	0	-0.62	-0.54	ug/L
MW-016	Southwest	Toluene	7.06	9.99	4.6	-2.46	-5.39	ug/L
MW-016	Southwest	VC	1.44	0.6	0	-1.44	-0.6	ug/L

Analytes that exceeded clean-up criteria this reporting period are displayed in **ORANGE**.

Increases in analyte concentrations are highlighted in **RED**.

Decreases in analyte concentrations are highlighted in **BLUE**.

South Drainage Wells: Conventional Time-Series Graphs

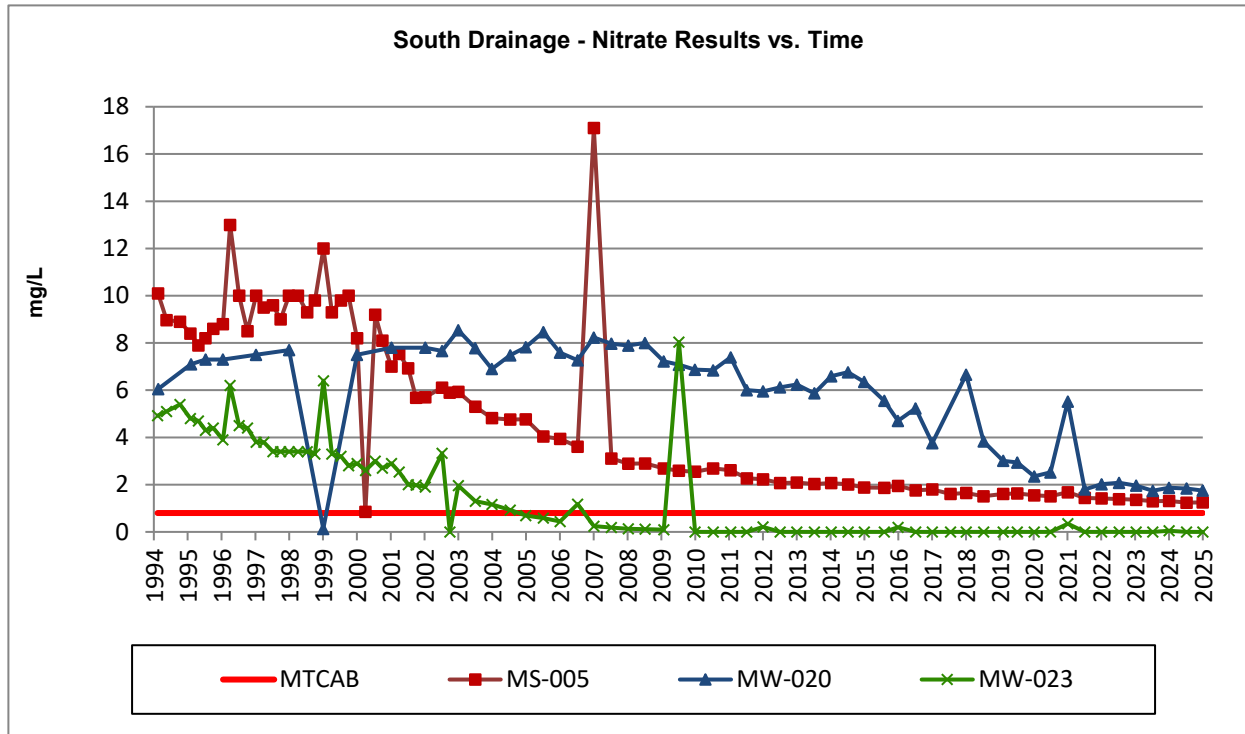


Figure 2-10: South Drainage Monitoring Wells Nitrate Results vs. Time

South Drainage Wells: Inorganics Time-Series Graphs

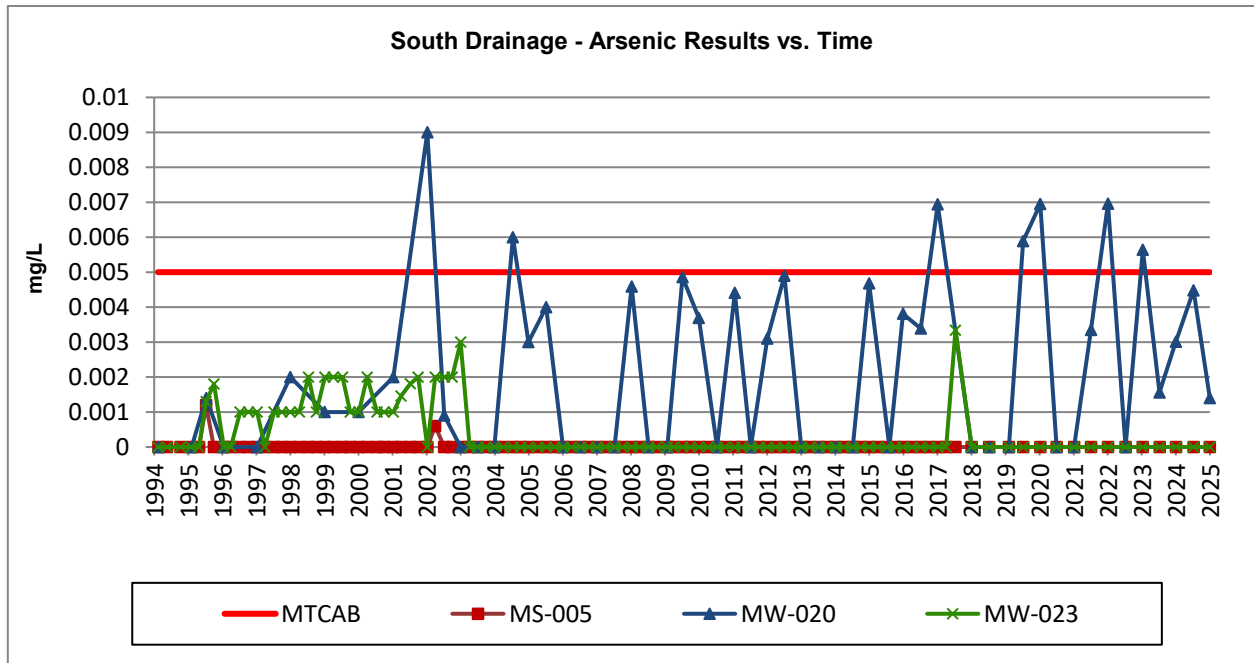


Figure 2-11: South Drainage Monitoring Wells Arsenic Results vs. Time

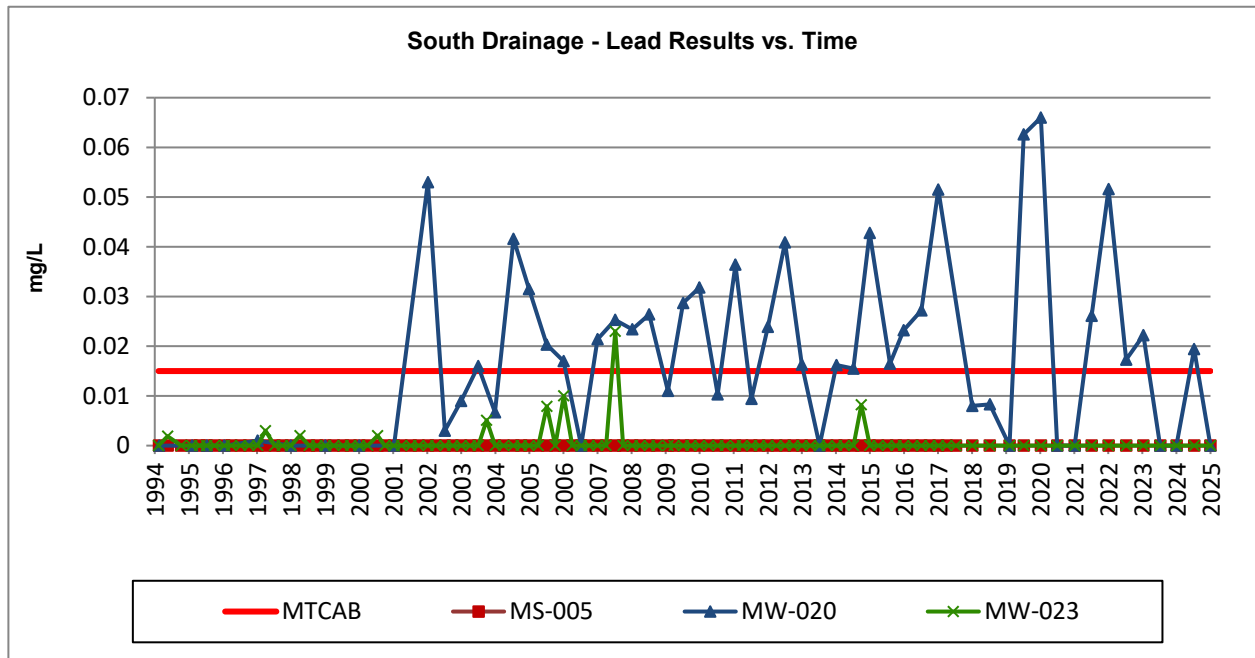


Figure 2-12: South Drainage Monitoring Wells Lead Results vs. Time

South Analyte Concentrations: Summary of 5-year and 1-year differences:

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
MS-005	South	ALK	107	92.6	93.7	-13.3	1.1	mg/L as Ca
MS-005	South	Cl	23.8	17.2	15.8	-8	-1.4	mg/L
MS-005	South	N-NH3	0	0	0	0	0	mg/L
MS-005	South	N-NO3	1.51	1.31	1.25	-0.26	-0.06	mg/L
MS-005	South	SO4	18.8	12.6	11.5	-7.3	-1.1	mg/L
MS-005	South	TDS	259	191	207	-52	16	mg/L
MS-005	South	TOC	1.49	1.25	1.21	-0.28	-0.04	mg/L
MW-020	South	ALK	225	235	227	2	-8	mg/L as Ca
MW-020	South	Cl	7.1	7.85	6.86	-0.24	-0.99	mg/L
MW-020	South	N-NH3	0	0	0.031	0.031	0.031	mg/L
MW-020	South	N-NO3	2.48	1.87	1.75	-0.73	-0.12	mg/L
MW-020	South	SO4	5.85	5.17	4.38	-1.47	-0.79	mg/L
MW-020	South	TDS	273	331	288	15	-43	mg/L
MW-020	South	TOC	1.38	1.17	1.3	-0.08	0.13	mg/L
MW-023	South	ALK	350	310	296	-54	-14	mg/L as Ca
MW-023	South	Cl	50.6	40.5	38.1	-12.5	-2.4	mg/L
MW-023	South	N-NH3	0	0	0.067	0.067	0.067	mg/L
MW-023	South	N-NO3	0	0	0	0	0	mg/L
MW-023	South	SO4	8.77	8.5	7.9	-0.87	-0.6	mg/L
MW-023	South	TDS	468	402	437	-31	35	mg/L
MW-023	South	TOC	3.33	2.63	2.16	-1.17	-0.47	mg/L
MS-005	South	As	0	0	0	0	0	mg/L
MS-005	South	Ba	0.0505	0.0405	0.0376	-0.0129	-0.0029	mg/L
MS-005	South	Mn	0	0	0	0	0	mg/L
MS-005	South	Pb	0	0	0	0	0	mg/L
MS-005	South	Zn	0	0	0	0	0	mg/L
MW-020	South	As	0	0.00301	0.0014	0.0014	-0.00161	mg/L
MW-020	South	Ba	0.163	0.2	0.193	0.03	-0.007	mg/L
MW-020	South	Mn	0.0264	0.0672	0.0633	0.0369	-0.0039	mg/L
MW-020	South	Pb	0	0	0	0	0	mg/L
MW-020	South	Zn	0	0.0253	0.0226	0.0226	-0.0027	mg/L
MW-023	South	As	0	0	0	0	0	mg/L
MW-023	South	Ba	0.141	0.12	0.112	-0.029	-0.008	mg/L
MW-023	South	Mn	0.94	0.963	0.932	-0.008	-0.031	mg/L

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
MW-023	South	Pb	0	0	0	0	0	mg/L
MW-023	South	Zn	0	0	0	0	0	mg/L
MS-005	South	1,2-DCA	0	0	0	0	0	ug/L
MS-005	South	1,2-DCP	0	0	0	0	0	ug/L
MS-005	South	Acetone	0	0	0	0	0	ug/L
MS-005	South	Benzene	0	0	0	0	0	ug/L
MS-005	South	DCA	0	0	0	0	0	ug/L
MS-005	South	MC	0	0	0	0	0	ug/L
MS-005	South	PCE	0	0	0	0	0	ug/L
MS-005	South	TCE	0	0	0	0	0	ug/L
MS-005	South	Toluene	0	0	0	0	0	ug/L
MS-005	South	VC	0	0	0	0	0	ug/L
MW-020	South	1,2-DCA	0	0	0	0	0	ug/L
MW-020	South	1,2-DCP	0	0	0	0	0	ug/L
MW-020	South	Acetone	0	0	0	0	0	ug/L
MW-020	South	Benzene	0	0	0	0	0	ug/L
MW-020	South	DCA	0.69	0.94	0.64	-0.05	-0.3	ug/L
MW-020	South	MC	0	0	0	0	0	ug/L
MW-020	South	PCE	0	0	0	0	0	ug/L
MW-020	South	TCE	0	0	0	0	0	ug/L
MW-020	South	Toluene	0	0	0	0	0	ug/L
MW-020	South	VC	0	0	0	0	0	ug/L
MW-023	South	1,2-DCA	0	0	0	0	0	ug/L
MW-023	South	1,2-DCP	0	0	0	0	0	ug/L
MW-023	South	Acetone	0	0	0	0	0	ug/L
MW-023	South	Benzene	0	0	0	0	0	ug/L
MW-023	South	DCA	2.59	1.54	1.23	-1.36	-0.31	ug/L
MW-023	South	MC	0	0	0	0	0	ug/L
MW-023	South	PCE	0	0	0	0	0	ug/L
MW-023	South	TCE	0	0	0	0	0	ug/L
MW-023	South	Toluene	0	0	0	0	0	ug/L
MW-023	South	VC	0	0	0	0	0	ug/L

Analytes that exceeded clean-up criteria this reporting period are displayed in **ORANGE**.

Increases in analyte concentrations are highlighted in **RED**.

Decreases in analyte concentrations are highlighted in **BLUE**.

SE Drainage Wells: Conventional Time-Series Graphs

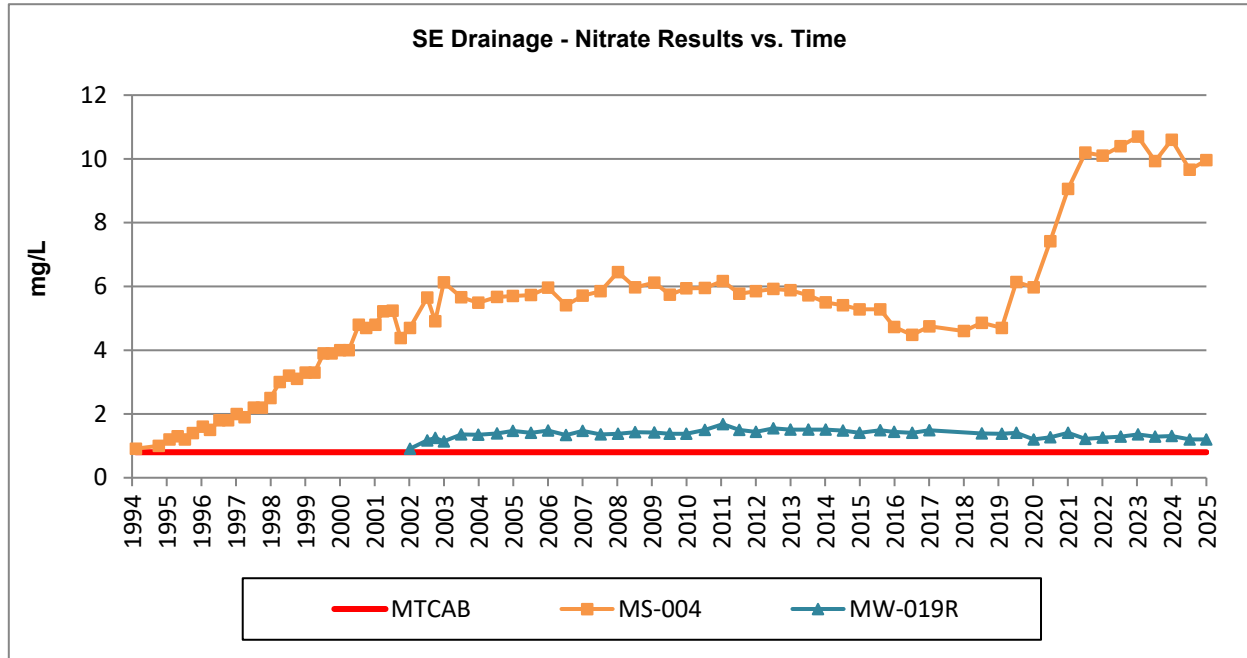


Figure 2-13: Southeast Monitoring Wells Nitrate Results vs. Time

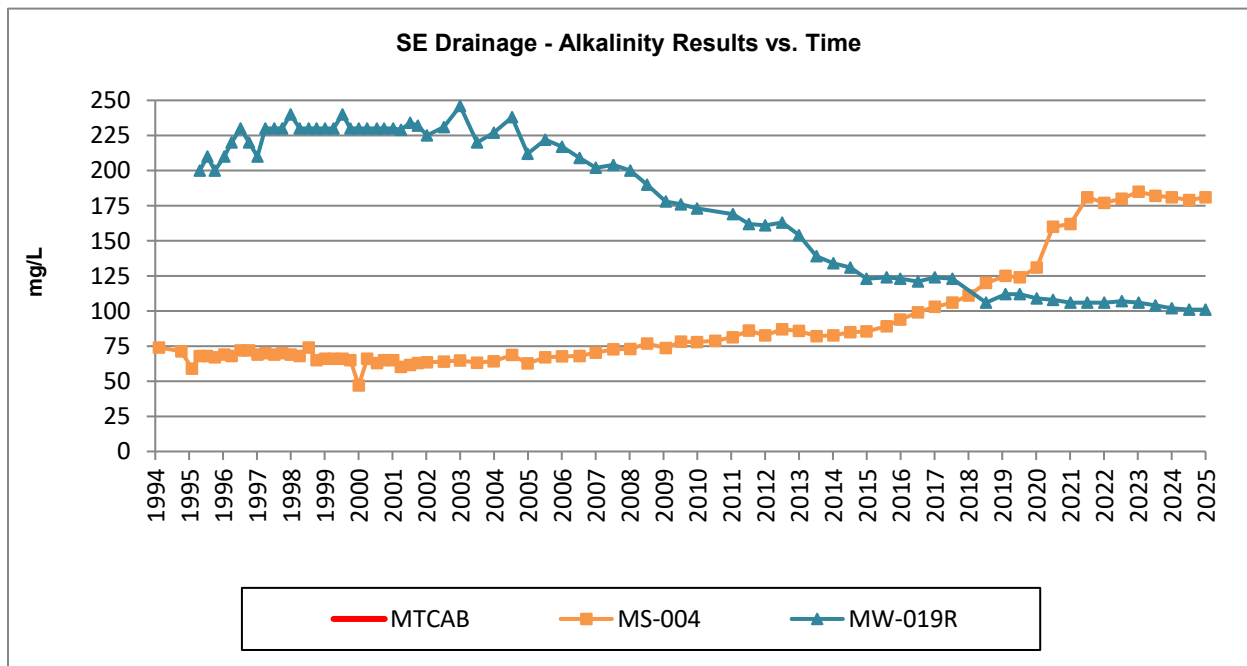


Figure 2-14: Southeast Monitoring Wells Alkalinity Results vs. Time

SE Analyte Concentrations: Summary of 5-year and 1-year differences:

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
MS-004	Southeast	ALK	160	181	181	21	0	mg/L as Ca
MS-004	Southeast	Cl	0.62	0.68	0.71	0.09	0.03	mg/L
MS-004	Southeast	N-NH3	1.34	0	0.059	-1.281	0.059	mg/L
MS-004	Southeast	N-NO3	7.42	10.6	9.96	2.54	-0.64	mg/L
MS-004	Southeast	SO4	10.7	10.4	9.61	-1.09	-0.79	mg/L
MS-004	Southeast	TDS	254	278	309	55	31	mg/L
MS-004	Southeast	TOC	3.14	1.14	1.36	-1.78	0.22	mg/L
MW-019R	Southeast	ALK	108	102	101	-7	-1	mg/L as Ca
MW-019R	Southeast	Cl	6.7	5.57	4.99	-1.71	-0.58	mg/L
MW-019R	Southeast	N-NH3	0	0	0.069	0.069	0.069	mg/L
MW-019R	Southeast	N-NO3	1.27	1.31	1.2	-0.07	-0.11	mg/L
MW-019R	Southeast	SO4	5.16	4.65	4.08	-1.08	-0.57	mg/L
MW-019R	Southeast	TDS	143	149	152	9	3	mg/L
MW-019R	Southeast	TOC	1.27	1.13	1.27	0	0.14	mg/L
MS-004	Southeast	As	0	0	0	0	0	mg/L
MS-004	Southeast	Ba	0.104	0.0901	0.0899	-0.0141	-0.0002	mg/L
MS-004	Southeast	Mn	0.051	0.0082	0.0097	-0.0413	0.0015	mg/L
MS-004	Southeast	Pb	0	0	0	0	0	mg/L
MS-004	Southeast	Zn	0.0107	0	0	-0.0107	0	mg/L
MW-019R	Southeast	As	0	0	0	0	0	mg/L
MW-019R	Southeast	Ba	0.0422	0.0332	0.0304	-0.0118	-0.0028	mg/L
MW-019R	Southeast	Mn	0	0	0	0	0	mg/L
MW-019R	Southeast	Pb	0	0	0	0	0	mg/L
MW-019R	Southeast	Zn	0	0	0	0	0	mg/L
MS-004	Southeast	1,2-DCA	0	0	0	0	0	ug/L
MS-004	Southeast	1,2-DCP	0	0	0	0	0	ug/L
MS-004	Southeast	Acetone	0	0	0	0	0	ug/L
MS-004	Southeast	Benzene	0	0	0	0	0	ug/L
MS-004	Southeast	DCA	1.58	1.5	1.28	-0.3	-0.22	ug/L
MS-004	Southeast	MC	0	0	0	0	0	ug/L
MS-004	Southeast	PCE	0	0	0	0	0	ug/L
MS-004	Southeast	TCE	0	0	0	0	0	ug/L
MS-004	Southeast	Toluene	0	0	0	0	0	ug/L
MS-004	Southeast	VC	0	0	0	0	0	ug/L
MW-019R	Southeast	1,2-DCA	0	0	0	0	0	ug/L
MW-019R	Southeast	1,2-DCP	0	0	0	0	0	ug/L
MW-019R	Southeast	Acetone	0	0	0	0	0	ug/L
MW-019R	Southeast	Benzene	0	0	0	0	0	ug/L
MW-019R	Southeast	DCA	0	0	0	0	0	ug/L
MW-019R	Southeast	MC	0	0	0	0	0	ug/L
MW-019R	Southeast	PCE	0	0	0	0	0	ug/L
MW-019R	Southeast	TCE	0	0	0	0	0	ug/L
MW-019R	Southeast	Toluene	0	0	0	0	0	ug/L
MW-019R	Southeast	VC	0	0	0	0	0	ug/L

Analytes that exceeded clean-up criteria this reporting period are displayed in **ORANGE**.

Increases in analyte concentrations are highlighted in **RED**.

Decreases in analyte concentrations are highlighted in **BLUE**.

Domestic Wells: Inorganics Time-Series Graphs

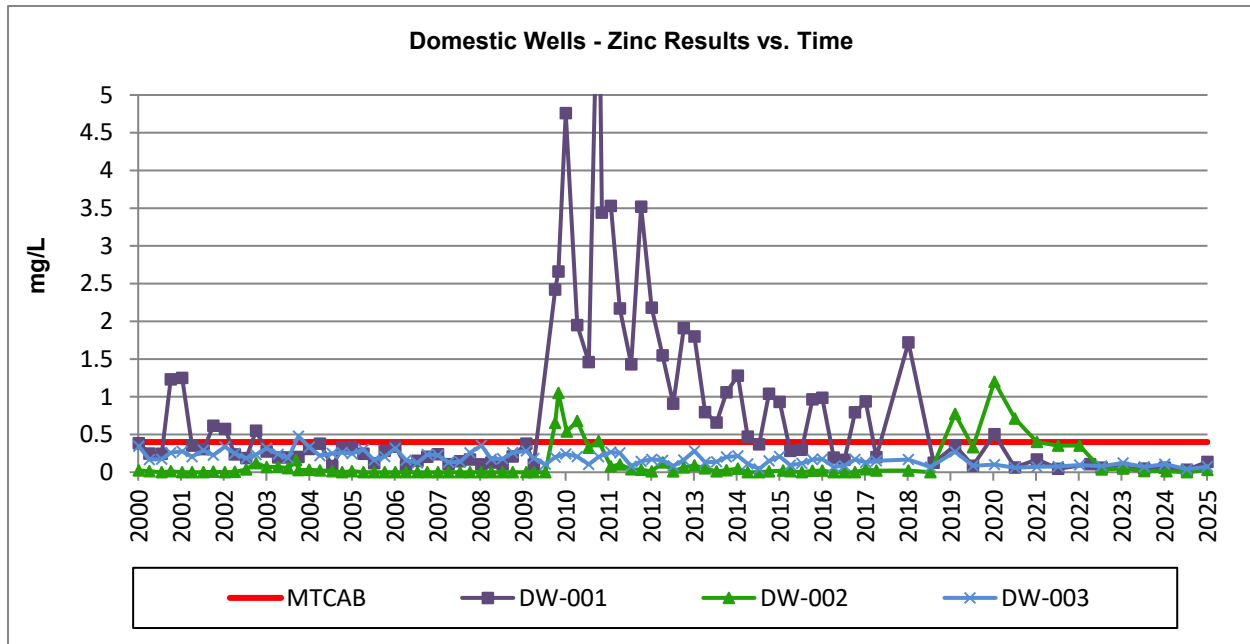


Figure 2-15: Domestic Wells Zinc Results vs. Time

Domestic Wells: Conventional Time-Series Graphs

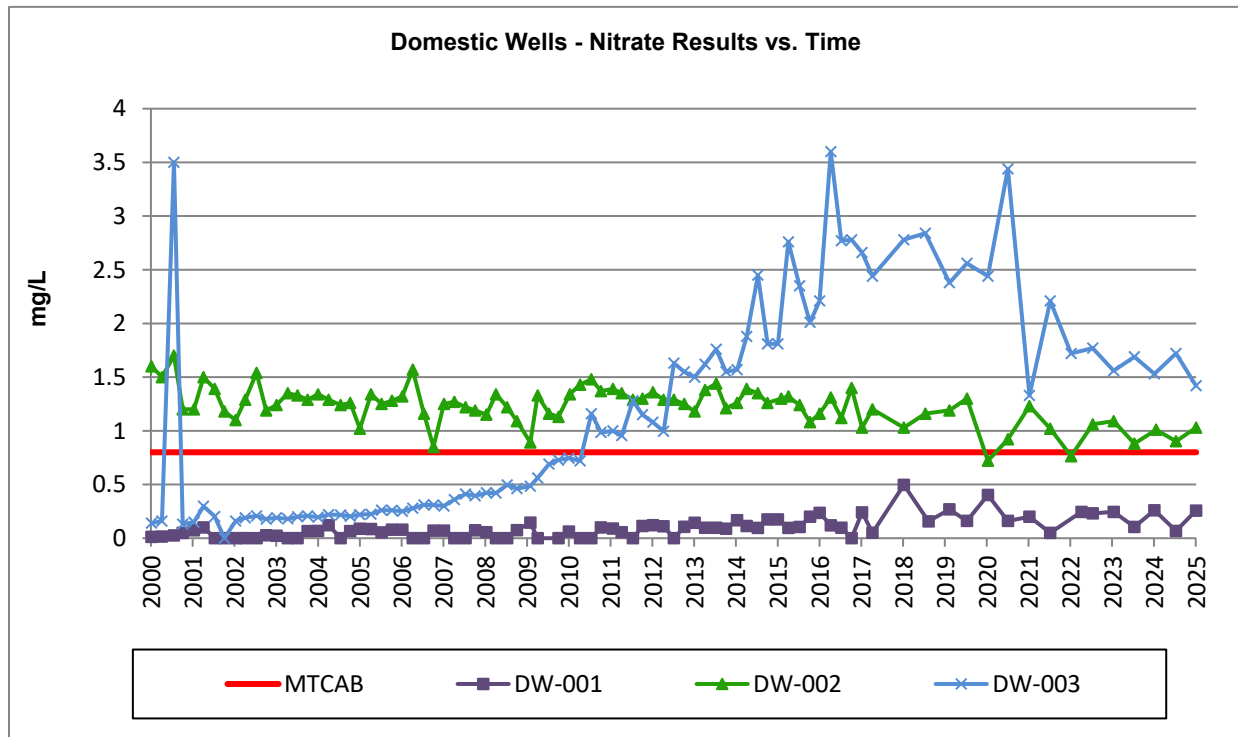


Figure 2-16: Domestic Wells Nitrate Results vs. Time

Domestic Analyte Concentrations: Summary of 5-year and 1-year differences:

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
DW-001	Domestic	ALK	140	141	143	3	2	mg/L as Ca
DW-001	Domestic	Cl	7.85	16.4	17.7	9.85	1.3	mg/L
DW-001	Domestic	N-NH3	0	0	0.068	0.068	0.068	mg/L
DW-001	Domestic	N-NO3	0.161	0.26	0.257	0.096	-0.003	mg/L
DW-001	Domestic	SO4	9.78	10.9	10.2	0.42	-0.7	mg/L
DW-001	Domestic	TOC	0	0	1.3	1.3	1.3	mg/L
DW-002	Domestic	ALK	154	163	160	6	-3	mg/L as Ca
DW-002	Domestic	Cl	6.7	8.74	9.6	2.9	0.86	mg/L
DW-002	Domestic	N-NH3	0	0	0.07	0.07	0.07	mg/L
DW-002	Domestic	N-NO3	0.921	1.01	1.03	0.109	0.02	mg/L
DW-002	Domestic	SO4	6.21	4.78	4.96	-1.25	0.18	mg/L
DW-002	Domestic	TOC	0	0	0	0	0	mg/L
DW-003	Domestic	ALK	183	179	180	-3	1	mg/L as Ca
DW-003	Domestic	Cl	1.01	0.85	0.82	-0.19	-0.03	mg/L
DW-003	Domestic	N-NH3	0	0	0.062	0.062	0.062	mg/L
DW-003	Domestic	N-NO3	3.44	1.53	1.42	-2.02	-0.11	mg/L
DW-003	Domestic	SO4	2.38	1.35	1.21	-1.17	-0.14	mg/L
DW-003	Domestic	TOC	0	0	0	0	0	mg/L
DW-001	Domestic	As	0	0.00122	0	0	-0.00122	mg/L
DW-001	Domestic	Ba	0.0149	0.0181	0.0232	0.0083	0.0051	mg/L
DW-001	Domestic	Mn	0.0086	0	0.0129	0.0043	0.0129	mg/L
DW-001	Domestic	Pb	0	0	0	0	0	mg/L
DW-001	Domestic	Zn	0.0634	0.0604	0.137	0.0736	0.0766	mg/L
DW-002	Domestic	As	0	0	0	0	0	mg/L
DW-002	Domestic	Ba	0.0364	0.0414	0.039	0.0026	-0.0024	mg/L
DW-002	Domestic	Mn	0.0156	0	0	-0.0156	0	mg/L
DW-002	Domestic	Pb	0	0	0	0	0	mg/L
DW-002	Domestic	Zn	0.712	0.0142	0.0301	-0.6819	0.0159	mg/L
DW-003	Domestic	As	0	0	0	0	0	mg/L
DW-003	Domestic	Ba	0.0321	0.028	0.0273	-0.0048	-0.0007	mg/L
DW-003	Domestic	Mn	0	0	0	0	0	mg/L
DW-003	Domestic	Pb	0	0	0	0	0	mg/L
DW-003	Domestic	Zn	0.0602	0.108	0.0744	0.0142	-0.0336	mg/L

StationID	DrainageArea	Analyte	2020 Results	2024 Results	2025 Results	5-Year Difference	1-Year Difference	Units
DW-001	Domestic	1,2-DCA	0	0	0	0	0	ug/L
DW-001	Domestic	1,2-DCP	0	0	0	0	0	ug/L
DW-001	Domestic	Acetone	0	0	0	0	0	ug/L
DW-001	Domestic	Benzene	0	0	0	0	0	ug/L
DW-001	Domestic	DCA	0	0	0	0	0	ug/L
DW-001	Domestic	MC	0	0	0	0	0	ug/L
DW-001	Domestic	PCE	0	0	0	0	0	ug/L
DW-001	Domestic	TCE	0	0	0	0	0	ug/L
DW-001	Domestic	Toluene	0	0	0	0	0	ug/L
DW-001	Domestic	VC	0	0	0	0	0	ug/L
DW-002	Domestic	1,2-DCA	0	0	0	0	0	ug/L
DW-002	Domestic	1,2-DCP	0	0	0	0	0	ug/L
DW-002	Domestic	Acetone	0	0	0	0	0	ug/L
DW-002	Domestic	Benzene	0	0	0	0	0	ug/L
DW-002	Domestic	DCA	0	0	0	0	0	ug/L
DW-002	Domestic	MC	0	0	0	0	0	ug/L
DW-002	Domestic	PCE	0	0	0	0	0	ug/L
DW-002	Domestic	TCE	0	0	0	0	0	ug/L
DW-002	Domestic	Toluene	0	0	0	0	0	ug/L
DW-002	Domestic	VC	0	0	0	0	0	ug/L
DW-003	Domestic	1,2-DCA	0	0	0	0	0	ug/L
DW-003	Domestic	1,2-DCP	0	0	0	0	0	ug/L
DW-003	Domestic	Acetone	0	0	0	0	0	ug/L
DW-003	Domestic	Benzene	0	0	0	0	0	ug/L
DW-003	Domestic	DCA	0	0	0	0	0	ug/L
DW-003	Domestic	MC	0	0	0	0	0	ug/L
DW-003	Domestic	PCE	0	0	0	0	0	ug/L
DW-003	Domestic	TCE	0	0	0	0	0	ug/L
DW-003	Domestic	Toluene	0	0	0	0	0	ug/L
DW-003	Domestic	VC	0	0	0	0	0	ug/L

Analytes that exceeded clean-up criteria this reporting period are displayed in **ORANGE**.

Increases in analyte concentrations are highlighted in **RED**.

Decreases in analyte concentrations are highlighted in **BLUE**.

3 LEACHATE

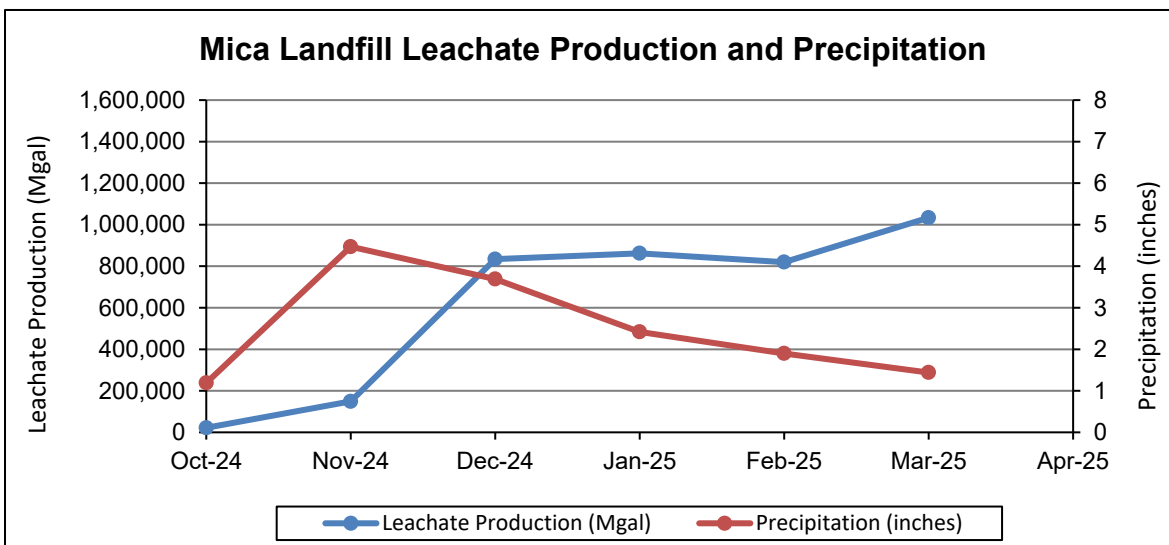
3.1 LEACHATE DATA

On November 1st, 2021, Spokane County Environmental Services discontinued the Mica Landfill's Wastewater Discharge Permit number SIU-4953-0-A, along with the leachate sampling and monthly Discharge Monitoring Reports (DMRs).

LEACHATE PRODUCTION

Monthly leachate production rates are presented in the table below, along with local precipitation amounts. The total amount of leachate generated at the Mica Landfill from October 2024 through March 2025 was approximately 3,720,621 gallons.

Month	Leachate Volume (gal)	Precipitation (inches)
Oct-24	21,996	1.19
Nov-24	149,173	4.47
Dec-24	834,187	3.69
Jan-25	861,991	2.42
Feb-25	819,622	1.9
Mar-25	1,033,652	1.44
Total	3,720,621	15.11



APPENDIX A: DATA VALIDATION SUMMARY

Analytical data for the December 2024/March 2025 sampling events were reviewed using quality control (QC) criteria documented in the analytical method, *National Functional Guidelines for Organic Data Review and Inorganic Data Review (1994)*, and the *Mica Landfill Remedial Action Plan (November 2003)*.

Data Qualifier Values for December 2024/March 2025 Sampling Results

Station ID	SampleDate	Component	RptLimit	Original Result	Confirmed Result	Units
DW-001	03/04/2025	TOC	1	1.46 J	1.3	mg/L
DW-002	03/04/2025	TOC	1	1 J	1	mg/L
DW-003	03/04/2025	TOC	1	1 J	1	mg/L
MS-004	03/04/2025	TOC	1	1.34 J	1.36	mg/L
MS-005	03/04/2025	TOC	1	1.19 J	1.21	mg/L
MW-009	03/04/2025	TOC	1	1 J	2.28	mg/L
MW-010	03/04/2025	TOC	1	1 J	1	mg/L
MW-013	03/04/2025	TOC	1	1.17 J	1.11	mg/L
MW-014	03/04/2025	TOC	1	1 J	1	mg/L
MW-019R	03/04/2025	TOC	1	1.13 J	1.27	mg/L
MW-020	03/04/2025	TOC	1	1.26 J	1.3	mg/L
MW-031	03/04/2025	TOC	1	4.77 J	5.23	mg/L
MW-016	03/05/2025	TOC	1	24.2 J	24.3	mg/L
MW-023	03/05/2025	TOC	1	2.07 J	2.16	mg/L

D = Sample diluted during lab analysis

U = Non-detection at the reported detection limit

J = Analyzed value is qualified as an estimate.

Personnel at SVL laboratory analyzed the TOC samples in between QC blocks during the initial reported analysis – resulting in invalid TOC results. The TOC samples were re-analyzed, and the correct values were reported. The original vs. the confirmed results are presented in the table above.

APPENDIX B: GROUNDWATER SAMPLING FIELD SHEETS

MICA GROUNDWATER SAMPLING FIELD SHEET
2025

DATE: <u>03/04/25</u>		WELL ID: <u>DW-1</u>		FIELD TEAM: <u>MT, GF, CC</u>																																				
SAMPLE ID: <u>GWDW-001-250304</u>			QA / QC SAMPLE ID: <u>N/A</u>																																					
FIELD CONDITIONS: <u>Cloudy, 33-50°F</u>																																								
START TIME: <u>0840</u> SAMPLE TIME: <u>0856</u> QA / QC SAMPLE TIME: <u>N/A</u> END TIME: <u>0905</u> DEDICATED BLADDER: _____ DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: <u>X</u>																																								
METER AND PURGING INFORMATION:																																								
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																					
pH	EXTECH 100	<u>2307124</u>	Calibrated to 4, 7 & 10 buffer																																					
CONDUCTIVITY	ECTESTR 11+	<u>1312423</u>	Std. to 700 umhos/cm																																					
TURBIDITY	HACH or <u>APERA</u>	<u>#24957</u> or <u>#81003</u>	Std to 4.02, 39.4, and 331 NTU																																					
SWL INDICATOR																																								
TOTAL DEPTH OF WELL: <u>>300'</u> PACKER DEPTH: <u>N/A</u> STATIC WATER LEVEL: <u>N/A</u> COLUMN OF WATER: <u>N/A</u> COLUMN OF WATER ABOVE PACKER: <u>N/A</u> COLUMN OF WATER BELOW PACKER: <u>N/A</u>			CALCULATIONS: PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>PARAMETERS:</th> <th>(+/- 10%)</th> <th>(+/- .1)</th> <th>(+/- 10%)</th> <th></th> </tr> <tr> <th>GAL PURGED / TIME</th> <th>TEMP</th> <th>pH</th> <th>CONDUCTIVITY</th> <th>APPEARANCE</th> </tr> </thead> <tbody> <tr> <td><u>0845</u></td> <td><u>11.6</u></td> <td><u>6.88</u></td> <td><u>333</u></td> <td><u>Clear, odorless</u></td> </tr> <tr> <td><u>0850</u></td> <td><u>11.3</u></td> <td><u>6.89</u></td> <td><u>338</u></td> <td><u>"</u></td> </tr> <tr> <td><u>0855</u></td> <td><u>11.2</u></td> <td><u>6.90</u></td> <td><u>333</u></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3"></td> <td>TURBIDITY: <u>4.97</u></td> <td>NTU (meas. In field lab)</td> </tr> </tbody> </table>						PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	<u>0845</u>	<u>11.6</u>	<u>6.88</u>	<u>333</u>	<u>Clear, odorless</u>	<u>0850</u>	<u>11.3</u>	<u>6.89</u>	<u>338</u>	<u>"</u>	<u>0855</u>	<u>11.2</u>	<u>6.90</u>	<u>333</u>										TURBIDITY: <u>4.97</u>	NTU (meas. In field lab)
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			TURBIDITY: <u>4.97</u>	NTU (meas. In field lab)																																				

COMMENTS:

- Active well, purged 15 min then sampled.

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3/4/25</u>		WELL ID: <u>DW-02</u>		FIELD TEAM: MT, GF, <u>CC</u>																																				
SAMPLE ID: <u>GWDW-002-250304</u>			QA / QC SAMPLE ID: <u>MWS-1-1-250304</u>																																					
FIELD CONDITIONS: <u>Cloudy, 33-50°F</u>																																								
START TIME: <u>1000</u> SAMPLE TIME: <u>1016</u> QA / QC SAMPLE TIME: <u>0946</u> END TIME: <u>1035</u> DEDICATED BLADDER: _____ DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: <u>X</u>																																								
METER AND PURGING INFORMATION:																																								
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																					
pH	EXTECH 100	<u>2307124</u>	Calibrated to 4, 7 & 10 buffer																																					
CONDUCTIVITY	ECTESTR 11+	<u>1312423</u>	Std. to 700 umhos/cm																																					
TURBIDITY	HACH or <u>APERA</u>	<u>#24957</u> or <u>#81003</u>	Std. to 4.02, 39.4, and 331 NTU																																					
SWL INDICATOR																																								
TOTAL DEPTH OF WELL: <u>7300'</u> PACKER DEPTH: <u>N/A</u> STATIC WATER LEVEL: <u>N/A</u> COLUMN OF WATER: <u>N/A</u> COLUMN OF WATER ABOVE PACKER: <u>N/A</u> COLUMN OF WATER BELOW PACKER: <u>N/A</u>			CALCULATIONS: PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>PARAMETERS:</th> <th>(+/- 10%)</th> <th>(+/- .1)</th> <th>(+/- 10%)</th> <th></th> </tr> <tr> <td>GAL PURGED / TIME</td> <td>TEMP</td> <td>pH</td> <td>CONDUCTIVITY</td> <td>APPEARANCE</td> </tr> <tr> <td><u>1005</u></td> <td><u>10.7</u></td> <td><u>7.22</u></td> <td><u>326</u></td> <td><u>Clear, odorless</u></td> </tr> <tr> <td><u>1010</u></td> <td><u>10.9</u></td> <td><u>7.19</u></td> <td><u>328</u></td> <td><u>"</u></td> </tr> <tr> <td><u>1015</u></td> <td><u>10.9</u></td> <td><u>7.16</u></td> <td><u>330</u></td> <td><u>"</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="3"> </td> <td>TURBIDITY: <u>2.57</u></td> <td>NTU (meas. In field lab)</td> </tr> </table>						PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	<u>1005</u>	<u>10.7</u>	<u>7.22</u>	<u>326</u>	<u>Clear, odorless</u>	<u>1010</u>	<u>10.9</u>	<u>7.19</u>	<u>328</u>	<u>"</u>	<u>1015</u>	<u>10.9</u>	<u>7.16</u>	<u>330</u>	<u>"</u>									TURBIDITY: <u>2.57</u>	NTU (meas. In field lab)
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<u>1015</u>	<u>10.9</u>	<u>7.16</u>	<u>330</u>	<u>"</u>																																				
			TURBIDITY: <u>2.57</u>	NTU (meas. In field lab)																																				

COMMENTS:

Active well, purged 15 min then sampled.
*Dye taken here

MICA GROUNDWATER SAMPLING FIELD SHEET
2025

DATE: <u>3/4/25</u>		WELL ID: <u>DW-3</u>		FIELD TEAM: <u>MT, GF, CC</u>																																				
SAMPLE ID: <u>GWDW-003-250304</u>			QA / QC SAMPLE ID: <u>N/A</u>																																					
FIELD CONDITIONS: <u>Cloudy, 33-50°F</u>																																								
START TIME: <u>1145</u> SAMPLE TIME: <u>1201</u> QA / QC SAMPLE TIME: <u>N/A</u> END TIME: <u>1215</u> DEDICATED BLADDER: _____ DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: <u>X</u>																																								
METER AND PURGING INFORMATION:																																								
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																					
pH	EXTECH 100	<u>2307124</u>	Calibrated to 4, 7 & 10 buffer																																					
CONDUCTIVITY	ECTESTR 11+	<u>1312423</u>	Std. to 700 umhos/cm																																					
TURBIDITY	HACH or <u>APERA</u>	<u>#24957</u> or <u>#81003</u>	Std to 4.02, 39.4, and 331 NTU																																					
SWL INDICATOR																																								
TOTAL DEPTH OF WELL: <u>200'</u>			CALCULATIONS: <u>200'</u> <u>- 5.24'</u> <u>194.76'</u>																																					
PACKER DEPTH: <u>N/A</u>																																								
STATIC WATER LEVEL: <u>5.24</u>																																								
COLUMN OF WATER: <u>194.76</u>																																								
COLUMN OF WATER ABOVE PACKER: <u>N/A</u>																																								
COLUMN OF WATER BELOW PACKER: <u>N/A</u>			PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																					
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COMMENTS: - Active well. Purged 15 minutes to clear lines then sampled.

MICA GROUNDWATER SAMPLING FIELD SHEET 2025

DATE: <u>3/4/25</u>		WELL ID: <u>MS-04</u>		FIELD TEAM: MT, GF, <u>CC</u>																																				
SAMPLE ID: <u>GWMS-004-250304</u>			QA / QC SAMPLE ID: <u>N/A</u>																																					
FIELD CONDITIONS: <u>Cloudy, 33-50</u>																																								
START TIME: <u>1305</u> SAMPLE TIME: <u>1356</u> QA / QC SAMPLE TIME: <u>N/A</u> END TIME: <u>1420</u> DEDICATED BLADDER: _____ DISPOSABLE BAILER: <u>X</u> PRIVATE DOMESTIC WELL: _____																																								
METER AND PURGING INFORMATION:																																								
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																					
pH	EXTECH 100	<u>2307124</u>	Calibrated to 4, 7 & 10 buffer																																					
CONDUCTIVITY	ECTESTR 11+	<u>1312423</u>	Std. to 700 umhos/cm																																					
TURBIDITY	HACH or <u>APERA</u>	<u>#24957</u> or <u>#81003</u>	Std to 4.02, 39.4, and 331 NTU																																					
SWL INDICATOR																																								
TOTAL DEPTH OF WELL: <u>32.0'</u>			CALCULATIONS: PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																					
PACKER DEPTH: <u>N/A</u>																																								
STATIC WATER LEVEL: <u>9.35'</u>																																								
COLUMN OF WATER: <u>22.65'</u>																																								
COLUMN OF WATER ABOVE PACKER: <u>N/A</u>																																								
COLUMN OF WATER BELOW PACKER: <u>N/A</u>																																								
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PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)																																					
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			TURBIDITY: <u>11.07</u>	NTU (meas. in field lab)																																				

COMMENTS: Purged well to bottom screens, allowed to recharge, then sampled. 3.5 gallons to bottom of screens.

swl @ MW-21 = 8.71'
MW-17 = 16.68'
MW-18 = 18.85'
MS-6 = 2.30'

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MICA GROUNDWATER SAMPLING FIELD SHEET 2025

DATE: <u>3/4/25</u>		WELL ID: <u>MS 5</u>		FIELD TEAM: MT <u>GF, CC</u>	
SAMPLE ID: <u>GwMS-005-250304</u>			QA / QC SAMPLE ID: <u>NA</u>		
FIELD CONDITIONS: <u>city, 48°</u>					
START TIME: <u>1223</u>		DEDICATED BLADDER: ☒			
SAMPLE TIME: <u>1306</u>		DISPOSABLE BAILER: ☐			
QA / QC SAMPLE TIME: <u>NA</u>		PRIVATE DOMESTIC WELL: ☐			
END TIME: <u>1314</u>					

METER AND PURGING INFORMATION:			
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS
pH	EXTECH 100	<u>476432</u>	Calibrated to 4, 7 & 10 buffer
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm
TURBIDITY	HACH or <u>APERA</u>	<u>#24957</u> or <u>#81003</u>	Std to <u>0.810</u> 4.02, 39.4, and 331 NTU
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>	

TOTAL DEPTH OF WELL: <u>53.0</u> PACKER DEPTH: <u>NA</u> STATIC WATER LEVEL: <u>17.27'</u> COLUMN OF WATER: <u>35.73 - 0.17 = 6.1 use 6.5 gal/vol</u> COLUMN OF WATER ABOVE PACKER: <u>NA</u> COLUMN OF WATER BELOW PACKER: <u>NA</u>	CALCULATIONS: PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)
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PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)	
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	
<u>6.5</u> <u>1235</u>	<u>10.1</u>	<u>6.84</u>	<u>282</u>	<u>clear</u>	
<u>13.0</u> <u>1248</u>	<u>10.3</u>	<u>6.83</u>	<u>286</u>	<u>clear</u>	
<u>19.5</u> <u>1304</u>	<u>10.2</u>	<u>6.82</u>	<u>287</u>	<u>clear</u>	
TURBIDITY: <u>3.72</u>			NTU (meas. in field lab)		

COMMENTS:

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3/4/2025</u>		WELL ID: <u>MW 9</u>		FIELD TEAM: <u>MT, GF, CC</u>																																											
SAMPLE ID: <u>GWMW-009-250304</u>			QA/QC SAMPLE ID: <u>MS/MSD Here</u>																																												
FIELD CONDITIONS: <u>clay, +7°</u>																																															
START TIME: <u>1027</u>		DEDICATED BLADDER: ☒																																													
SAMPLE TIME: <u>1049</u>		DISPOSABLE BAILER: ☐																																													
QA/QC SAMPLE TIME: <u>MS/MSD here</u>		PRIVATE DOMESTIC WELL: ☐																																													
END TIME: <u>1106</u>																																															
METER AND PURGING INFORMATION:																																															
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																												
pH	EXTECH 100	<u>476 432</u>	Calibrated to 4, 7 & 10 buffer																																												
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm																																												
TURBIDITY	HACH or APERA	<u>#24957 or #81003</u>	Std to 4.02, 39.4, and 331 NTU																																												
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>																																													
TOTAL DEPTH OF WELL: <u>25.18</u>			CALCULATIONS: 4.0 gal/vol																																												
PACKER DEPTH: <u>NA</u>																																															
STATIC WATER LEVEL: <u>4.05'</u>																																															
COLUMN OF WATER: <u>21.13</u>																																															
COLUMN OF WATER ABOVE PACKER: <u>NA</u>																																															
COLUMN OF WATER BELOW PACKER: <u>NA</u>			PACKER INFORMATION:																																												
			COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																												
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COMMENTS:

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3/4/2025</u>		WELL ID: <u>MW 10</u>		FIELD TEAM: MT <u>GF, CC</u>																																																	
SAMPLE ID: <u>GWMW-010-250304</u>			QA / QC SAMPLE ID: <u>NA</u>																																																		
FIELD CONDITIONS: <u>clay, 40°</u>																																																					
START TIME: <u>0926</u>		DEDICATED BLADDER: ☒																																																			
SAMPLE TIME: <u>0957</u>		DISPOSABLE BAILER: ☐																																																			
QA / QC SAMPLE TIME: <u>NA</u>		PRIVATE DOMESTIC WELL: ☐																																																			
END TIME: <u>1003</u>																																																					
METER AND PURGING INFORMATION:																																																					
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																																		
pH	EXTECH 100	<u>476432</u>	Calibrated to 4, 7 & 10 buffer																																																		
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm																																																		
TURBIDITY	HACH or APERA	#24957 or #81003	Std to <u>0.43</u> , 39.4, and 331 NTU																																																		
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>																																																			
TOTAL DEPTH OF WELL: <u>63.18'</u>			CALCULATIONS: PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI) = <u>54psi</u>																																																		
PACKER DEPTH: <u>47.0'</u>																																																					
STATIC WATER LEVEL: <u>3.27'</u>																																																					
COLUMN OF WATER: <u>216.20 ± 7</u>																																																					
COLUMN OF WATER ABOVE PACKER: <u>43.73</u>																																																					
COLUMN OF WATER BELOW PACKER: <u>16.20</u>																																																					
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<u>6.0 0945</u>	<u>8.7</u>	<u>7.32</u>	<u>195</u>	<u>clear</u>																																																	
<u>9.0 0955</u>	<u>8.8</u>	<u>7.33</u>	<u>197</u>	<u>clear</u>																																																	
			TURBIDITY: <u>0.43</u> NTU (meas. in field lab)																																																		

COMMENTS: SWL @ MS B = 4.67'

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3/4/2025</u>		WELL ID: <u>MW-13</u>		FIELD TEAM: <u>MT, GF, CC</u>	
SAMPLE ID: <u>GW/MW-013-250304</u>			QA / QC SAMPLE ID: _____		
FIELD CONDITIONS: <u>CLOUDY 40°F</u>					
START TIME: <u>0855</u> SAMPLE TIME: <u>1030</u> QA / QC SAMPLE TIME: <u>NT</u> END TIME: <u>1034</u> DEDICATED BLADDER: <u>* W/PACKER</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____					
METER AND PURGING INFORMATION:					
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS		
pH	EXTECH 100	<u>2401662</u>	Calibrated to 4, 7 & 10 buffer		
CONDUCTIVITY	ECTESTR 11+	<u>24B</u>	Std. to 700 umhos/cm		
TURBIDITY	HACH or APERA	#24957 or #81003	Std to 4.02, 39.4, and 331 NTU		
SWL INDICATOR					
TOTAL DEPTH OF WELL: <u>84.44'</u> PACKER DEPTH: <u>59.0'</u> STATIC WATER LEVEL: <u>20.29'</u> COLUMN OF WATER: <u>25.44'</u> COLUMN OF WATER ABOVE PACKER: <u>38.71'</u> COLUMN OF WATER BELOW PACKER: _____			CALCULATIONS: (5.0 GAL) $84.44 - 59' = 25.44 \times 1.7 = 4.32$ <u>* 3 = 15 GAL</u> PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI) <u>= 51 PSI</u>		
PARAMETERS: (+/- 10%) (+/- .1) (+/- 10%)					
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	
<u>5 GAL / 0925</u>	<u>9.9</u>	<u>6.92</u>	<u>364</u>	<u>CLEAN</u>	
<u>10 GAL / 1000</u>	<u>9.7</u>	<u>6.91</u>	<u>366</u>	<u>CLEAN</u>	
<u>15 GAL / 1029</u>	<u>9.6</u>	<u>6.89</u>	<u>363</u>	<u>CLEAN</u>	
			TURBIDITY: <u>0.62</u> NTU (meas. in field lab)		

COMMENTS:

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3/4/25</u>		WELL ID: <u>MW-14</u>		FIELD TEAM: <u>(MT) GF, CC</u>																																				
SAMPLE ID: <u>GNMW-014-250304</u>			QA / QC SAMPLE ID: <u>-NA-</u>																																					
FIELD CONDITIONS: <u>CLOUDY 44°F</u>																																								
START TIME: <u>1045</u> SAMPLE TIME: <u>1145</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1150</u> DEDICATED BLADDER: <u>* w/PACKER</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____																																								
METER AND PURGING INFORMATION:																																								
METER		MAKE / MODEL		SERIAL NO.																																				
pH		EXTECH 100		<u>2401662</u>																																				
CONDUCTIVITY		ECTESTR 11+		<u>24B</u>																																				
TURBIDITY		HACH or APERA		#24957 or #81003																																				
SWL INDICATOR																																								
TOTAL DEPTH OF WELL: <u>55.36'</u> PACKER DEPTH: <u>395'</u> STATIC WATER LEVEL: <u>0.00' @ WELL HEAD</u> COLUMN OF WATER: <u>15.86'</u> COLUMN OF WATER ABOVE PACKER: <u>395'</u> COLUMN OF WATER BELOW PACKER: _____				CALCULATIONS: <u>1586' x .17 = 11 2.69 = 3.00 GAL x 3 = 9 GAL</u> PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI) <u>51 PSI</u>																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">PARAMETERS:</th> <th style="width: 15%;">(+/- 10%)</th> <th style="width: 15%;">(+/- .1)</th> <th style="width: 15%;">(+/- 10%)</th> <th style="width: 35%;"></th> </tr> <tr> <th>GAL PURGED / TIME</th> <th>TEMP</th> <th>pH</th> <th>CONDUCTIVITY</th> <th>APPEARANCE</th> </tr> </thead> <tbody> <tr> <td><u>3 GAL / 1107</u></td> <td><u>9.1</u></td> <td><u>7.14</u></td> <td><u>151</u></td> <td><u>CLEAN</u></td> </tr> <tr> <td><u>6 GAL / 1129</u></td> <td><u>8.9</u></td> <td><u>7.11</u></td> <td><u>147</u></td> <td><u>CLEAN</u></td> </tr> <tr> <td><u>9 GAL / 1144</u></td> <td><u>8.8</u></td> <td><u>7.10</u></td> <td><u>145</u></td> <td><u>CLEAN</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="3"> </td> <td colspan="2">TURBIDITY: <u>0.89</u> NTU (meas. in field lab)</td> </tr> </tbody> </table>						PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	<u>3 GAL / 1107</u>	<u>9.1</u>	<u>7.14</u>	<u>151</u>	<u>CLEAN</u>	<u>6 GAL / 1129</u>	<u>8.9</u>	<u>7.11</u>	<u>147</u>	<u>CLEAN</u>	<u>9 GAL / 1144</u>	<u>8.8</u>	<u>7.10</u>	<u>145</u>	<u>CLEAN</u>									TURBIDITY: <u>0.89</u> NTU (meas. in field lab)	
PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)																																					
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																				
<u>3 GAL / 1107</u>	<u>9.1</u>	<u>7.14</u>	<u>151</u>	<u>CLEAN</u>																																				
<u>6 GAL / 1129</u>	<u>8.9</u>	<u>7.11</u>	<u>147</u>	<u>CLEAN</u>																																				
<u>9 GAL / 1144</u>	<u>8.8</u>	<u>7.10</u>	<u>145</u>	<u>CLEAN</u>																																				
			TURBIDITY: <u>0.89</u> NTU (meas. in field lab)																																					

COMMENTS:

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3-4-25</u>		WELL ID: <u>MW 19R</u>		FIELD TEAM: <u>MT, GF, CC</u>	
SAMPLE ID: <u>GWMW-019R-250304</u>			QA / QC SAMPLE ID: <u>NA</u>		
FIELD CONDITIONS: <u>cldy, 45°</u>					
START TIME: <u>0818</u>		DEDICATED BLADDER: ☒			
SAMPLE TIME: <u>1345</u>		DISPOSABLE BAILER: ☐			
QA / QC SAMPLE TIME: <u>NA</u>		PRIVATE DOMESTIC WELL: ☐			
END TIME: <u>1355</u>					
METER AND PURGING INFORMATION:					
METER		MAKE / MODEL		SERIAL NO.	
pH		EXTECH 100			
CONDUCTIVITY		ECTESTR 11+		7810	
TURBIDITY		HACH or <u>APERA</u>		#24957 or #81003	
SWL INDICATOR		<u>Slope Ind</u>		<u>23474</u>	
TOTAL DEPTH OF WELL: <u>85.35</u>			CALCULATIONS:		
PACKER DEPTH: <u>NA</u>			7.1 gal/vol		
STATIC WATER LEVEL: <u>43.91</u>					
COLUMN OF WATER: <u>41.44</u>					
COLUMN OF WATER ABOVE PACKER: <u>NA</u>					
PACKER INFORMATION:					
COLUMN OF WATER BELOW PACKER: <u>NA</u>			COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)		
PARAMETERS: (+/- 10%) (+/- .1) (+/- 10%)					
GAL PURGED / TIME		TEMP	pH	CONDUCTIVITY	APPEARANCE
2.5 0823		11.0	6.69	230	Sli cldy
5.0 0829		10.9	6.84	233	clear
7.5 0837		10.8	7.03	239	clear
Final 1355		10.7	6.98	235	clear
				TURBIDITY: <u>15.28</u> NTU (meas. in field lab)	

COMMENTS: Purged well dry, allowed it to recharge then sampled in the PM

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3/4/2025</u>	WELL ID: <u>MW-20</u>	FIELD TEAM: <u>(MT) GF, CC</u>
SAMPLE ID: <u>GWMW-020-250304</u>		QA / QC SAMPLE ID: <u>NA</u>
FIELD CONDITIONS: <u>CLOUDY 46°F</u>		

START TIME: <u>1230</u> SAMPLE TIME: <u>1345</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1350</u>	DEDICATED BLADDER: <u>* W/PACKER</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____
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METER AND PURGING INFORMATION:			
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS
pH	EXTECH 100	<u>2401622</u>	Calibrated to 4, 7 & 10 buffer
CONDUCTIVITY	ECTESTR 11+	<u>24B</u>	Std. to 700 umhos/cm
TURBIDITY	HACH or APERA	<u>#24957 or #81003</u>	Std to 4.02, 39.4, and 331 NTU
SWL INDICATOR			

TOTAL DEPTH OF WELL: <u>141.55'</u> PACKER DEPTH: <u>116.0'</u> STATIC WATER LEVEL: <u>62.51'</u> COLUMN OF WATER: <u>2555'</u> COLUMN OF WATER ABOVE PACKER: <u>5349</u> COLUMN OF WATER BELOW PACKER: _____	CALCULATIONS: $25.55' \times 17 = 4.3 = 4.5 \times 3 = 13.5 \text{ GAL}$ PACKER INFORMATION: $\text{COW} \times .433 \times 1.25 + 30 = \text{PACKER INFLATION (PSI)} \quad \underline{60 \text{ PSI}}$
--	--

PARAMETERS:				
	(+/- 10%)	(+/- .1)	(+/- 10%)	
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE
<u>4.5 GAL / 1255</u>	<u>10.9</u>	<u>7.28</u>	<u>519</u>	<u>MILKY</u>
<u>9.0 GAL / 1320</u>	<u>10.8</u>	<u>7.28</u>	<u>517</u>	<u>MILKY</u>
<u>13.5 GAL / 1344</u>	<u>10.9</u>	<u>7.29</u>	<u>516</u>	<u>MILKY</u>
			TURBIDITY: <u>7.89</u>	NTU (meas. In field lab)

COMMENTS:

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

DATE: <u>3/4/25</u>		WELL ID: <u>MW-31</u>		FIELD TEAM: <u>(MT) GF, CC</u>																																				
SAMPLE ID: <u>GNMW-031-240304</u>			QA / QC SAMPLE ID: <u>-NA</u>																																					
FIELD CONDITIONS: <u>CLOUDY 46°F</u>																																								
START TIME: <u>1150</u> SAMPLE TIME: <u>1210</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1215</u> DEDICATED BLADDER: <u>X</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____																																								
METER AND PURGING INFORMATION:																																								
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																					
pH	EXTECH 100	<u>2401622</u>	Calibrated to 4, 7 & 10 buffer																																					
CONDUCTIVITY	ECTESTR 11+	<u>24B</u>	Std. to 700 umhos/cm																																					
TURBIDITY	HACH or APERA	<u>#24957</u> or #81003	Std to 4.02, 39.4, and 331 NTU																																					
SWL INDICATOR																																								
TOTAL DEPTH OF WELL: <u>19.00'</u>			CALCULATIONS: $14.71 \times 17 = 2.5 \text{ GAL} \times 3 = 7.5 \text{ GAL}$ PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																					
PACKER DEPTH: _____																																								
STATIC WATER LEVEL: <u>4.29'</u>																																								
COLUMN OF WATER: <u>14.71'</u>																																								
COLUMN OF WATER ABOVE PACKER: _____																																								
COLUMN OF WATER BELOW PACKER: _____																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>PARAMETERS:</td> <td>(+/- 10%)</td> <td>(+/- .1)</td> <td>(+/- 10%)</td> <td></td> </tr> <tr> <td>GAL PURGED / TIME</td> <td>TEMP</td> <td>pH</td> <td>CONDUCTIVITY</td> <td>APPEARANCE</td> </tr> <tr> <td><u>2.5 GAL / 1155</u></td> <td><u>7.9</u></td> <td><u>6.79</u></td> <td><u>124</u></td> <td><u>CLEAR</u></td> </tr> <tr> <td><u>5.0 GAL / 1202</u></td> <td><u>7.8</u></td> <td><u>6.81</u></td> <td><u>123</u></td> <td><u>CLEAR</u></td> </tr> <tr> <td><u>7.5 GAL / 1208</u></td> <td><u>7.8</u></td> <td><u>6.82</u></td> <td><u>121</u></td> <td><u>CLEAR</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="3">TURBIDITY: <u>0.79</u></td> <td colspan="2">NTU (meas. in field lab)</td> </tr> </table>						PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	<u>2.5 GAL / 1155</u>	<u>7.9</u>	<u>6.79</u>	<u>124</u>	<u>CLEAR</u>	<u>5.0 GAL / 1202</u>	<u>7.8</u>	<u>6.81</u>	<u>123</u>	<u>CLEAR</u>	<u>7.5 GAL / 1208</u>	<u>7.8</u>	<u>6.82</u>	<u>121</u>	<u>CLEAR</u>						TURBIDITY: <u>0.79</u>			NTU (meas. in field lab)	
PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)																																					
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																				
<u>2.5 GAL / 1155</u>	<u>7.9</u>	<u>6.79</u>	<u>124</u>	<u>CLEAR</u>																																				
<u>5.0 GAL / 1202</u>	<u>7.8</u>	<u>6.81</u>	<u>123</u>	<u>CLEAR</u>																																				
<u>7.5 GAL / 1208</u>	<u>7.8</u>	<u>6.82</u>	<u>121</u>	<u>CLEAR</u>																																				
TURBIDITY: <u>0.79</u>			NTU (meas. in field lab)																																					

COMMENTS:

MS-7 WL @ 3.99'
MW-12 WL @ 20.53'

MICA GROUNDWATER SAMPLING FIELD SHEET
2025

DATE: <u>3/5/2025</u>		WELL ID: <u>MW16</u>		FIELD TEAM: <u>MT, GF, CC</u>																																											
SAMPLE ID: <u>GWMW-016-250305</u>			QA / QC SAMPLE ID: <u>NA</u>																																												
FIELD CONDITIONS: <u>ptly cldy, 40°</u>																																															
START TIME: <u>1049</u>		DEDICATED BLADDER: ☒																																													
SAMPLE TIME: <u>1123</u>		DISPOSABLE BAILER: ☐																																													
QA / QC SAMPLE TIME: <u>NA</u>		PRIVATE DOMESTIC WELL: ☐																																													
END TIME: _____																																															
METER AND PURGING INFORMATION:																																															
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																												
pH	EXTECH 100	<u>476432</u>	Calibrated to 4, 7 & 10 buffer																																												
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm																																												
TURBIDITY	HACH of <u>APERA</u>	<u>#24957</u> or <u>#81003</u>	Std to 4.02, 39.4, and 331 NTU																																												
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>																																													
TOTAL DEPTH OF WELL: <u>93.42</u>			CALCULATIONS: PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																												
PACKER DEPTH: <u>73.0</u>																																															
STATIC WATER LEVEL: <u>20.26</u>																																															
COLUMN OF WATER: _____																																															
COLUMN OF WATER ABOVE PACKER: <u>52.74</u>																																															
COLUMN OF WATER BELOW PACKER: <u>20.42 * 0.17 = 3.5</u>																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">PARAMETERS:</td> <td>(+/- 10%)</td> <td>(+/- .1)</td> <td>(+/- 10%)</td> <td></td> </tr> <tr> <td>GAL PURGED / TIME</td> <td>TEMP</td> <td>pH</td> <td>CONDUCTIVITY</td> <td colspan="2">APPEARANCE</td> </tr> <tr> <td><u>3.5 1058</u></td> <td><u>10.3</u></td> <td><u>6.81</u></td> <td><u>1585</u></td> <td colspan="2"><u>clear but stinks</u></td> </tr> <tr> <td><u>7.0 1108</u></td> <td><u>10.3</u></td> <td><u>6.96</u></td> <td><u>1553</u></td> <td colspan="2"><u>clear / stinks</u></td> </tr> <tr> <td><u>10.5 1122</u></td> <td><u>10.3</u></td> <td><u>6.95</u></td> <td><u>1563</u></td> <td colspan="2"><u>clear / smells bad</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td colspan="2"> </td> </tr> <tr> <td colspan="3">TURBIDITY: <u>8.53</u></td> <td colspan="3">NTU (meas. In field lab)</td> </tr> </table>						PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE		<u>3.5 1058</u>	<u>10.3</u>	<u>6.81</u>	<u>1585</u>	<u>clear but stinks</u>		<u>7.0 1108</u>	<u>10.3</u>	<u>6.96</u>	<u>1553</u>	<u>clear / stinks</u>		<u>10.5 1122</u>	<u>10.3</u>	<u>6.95</u>	<u>1563</u>	<u>clear / smells bad</u>								TURBIDITY: <u>8.53</u>			NTU (meas. In field lab)		
PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)																																											
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																											
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<u>10.5 1122</u>	<u>10.3</u>	<u>6.95</u>	<u>1563</u>	<u>clear / smells bad</u>																																											
TURBIDITY: <u>8.53</u>			NTU (meas. In field lab)																																												

COMMENTS: - purge water placed into the SW Pond

**MICA GROUNDWATER SAMPLING FIELD SHEET
2025**

Dupe here

DATE: <u>3/5/2025</u>		WELL ID: <u>MW 23</u>		FIELD TEAM: MT <u>GF, CC</u>																																																	
SAMPLE ID: <u>GWMW-023-250305</u>			QA / QC SAMPLE ID: <u>MWS-1-2-250305</u>																																																		
FIELD CONDITIONS: <u>mostly clear, 38°</u>																																																					
START TIME: <u>0846</u>		DEDICATED BLADDER: ☒																																																			
SAMPLE TIME: <u>0931</u>		DISPOSABLE BAILER: ☐																																																			
QA / QC SAMPLE TIME: <u>0947</u>		PRIVATE DOMESTIC WELL: ☐																																																			
END TIME: <u>0942</u>																																																					
METER AND PURGING INFORMATION:																																																					
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																																		
pH	EXTECH 100	<u>476432</u>	Calibrated to 4, 7 & 10 buffer																																																		
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm																																																		
TURBIDITY	HACH or <u>APERA</u>	<u>#24957 or #81003</u>	Std. to <u>0.10</u> , 4.02, 39.4, and 331 NTU																																																		
SWL INDICATOR	<u>slope Ind</u>	<u>23474</u>																																																			
TOTAL DEPTH OF WELL: <u>58.09</u>			CALCULATIONS: PACKER INFORMATION: <u>NA</u> COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																																		
PACKER DEPTH: <u>NA</u>																																																					
STATIC WATER LEVEL: <u>21.03</u>																																																					
COLUMN OF WATER: <u>37.06</u> $\times 0.17 = 6.3$ use 7.0																																																					
COLUMN OF WATER ABOVE PACKER: <u>NA</u>																																																					
COLUMN OF WATER BELOW PACKER: <u>NA</u>																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">PARAMETERS:</td> <td>(+/- 10%)</td> <td>(+/- .1)</td> <td>(+/- 10%)</td> <td></td> </tr> <tr> <td>GAL PURGED / TIME</td> <td>TEMP</td> <td>pH</td> <td>CONDUCTIVITY</td> <td colspan="2">APPEARANCE</td> </tr> <tr> <td><u>7</u> <u>0854</u></td> <td><u>10.5</u></td> <td><u>6.97</u></td> <td><u>616</u></td> <td colspan="2"><u>clear</u></td> </tr> <tr> <td><u>14</u> <u>0909</u></td> <td><u>10.7</u></td> <td><u>7.05</u></td> <td><u>641</u></td> <td colspan="2"><u>clear</u></td> </tr> <tr> <td><u>21</u> <u>0929</u></td> <td><u>10.6</u></td> <td><u>7.09</u></td> <td><u>647</u></td> <td colspan="2"><u>clear</u></td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td colspan="3"></td> <td>TURBIDITY: <u>8.7</u></td> <td colspan="2">NTU (meas. in field lab)</td> </tr> </table>						PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE		<u>7</u> <u>0854</u>	<u>10.5</u>	<u>6.97</u>	<u>616</u>	<u>clear</u>		<u>14</u> <u>0909</u>	<u>10.7</u>	<u>7.05</u>	<u>641</u>	<u>clear</u>		<u>21</u> <u>0929</u>	<u>10.6</u>	<u>7.09</u>	<u>647</u>	<u>clear</u>																	TURBIDITY: <u>8.7</u>	NTU (meas. in field lab)	
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			TURBIDITY: <u>8.7</u>	NTU (meas. in field lab)																																																	

COMMENTS: swl @ Mw 22 23.05'

MICA QUARTERLY WATER LEVELS

2020 2025

WELL ID	DATE 2025	SWL (FT)	SOUNDED(FT) IF POSSIBLE	TECH	PACKER DEPTH(FT)	TOTAL* DEPTH	SCREENED INTERVALS
Groundwater Wells:							
MS-1	3/5	3.04'		MT		22.5'	12.5' - 22.5'
MS-2	3/5	8.89'		MT		20.75'	19.0' - 24.0'
MS-3	3/5	5.88		MT		10.75'	5.0' - 10.0'
MS-4	3/4	9.35		CC		32.0'	19.0' - 31.5'
MS-5	3/4	17.27'		GF		53.0'	43.0' - 53.0'
MS-6	3/4	2.30		CC		45.0'	28.0' - 45.0'
MS-7	3/4	3.99'		MT		15.0'	9.5' - 14.5'
MS-8	3/4	4.67'		GF		35.0'	25.0' - 35.0'
MW-9	3/4	4.05'		GF		25.18'	8.5' - 18.5'
MW-10	3/4	3.27'		GF	47.0	63.18'	49.0' - 59.0'
MW-11	3/5	2.99'		MT		20.11'	6.3' - 16.38'
MW-12	3/5	20.53'		MT	72.0	85.57'	74.9' - 84.9'
MW-13	3/4	20.29'		MT	59.0	84.44'	61.5' - 81.5'
MW-14	3/4	0.00(WELLHEAD)		MT	39.5	55.36'	41.2' - 51.2'
MW-15	3/5	19.01'		MT		42.86'	18.6' - 38.6'
MW-16	3/5	20.26'		GF	73.0	93.42'	76.0' - 86.0'
MW-17	3/4	8.71'		CC		28.3'	13.9' - 23.9'
MW-18	3/4	18.85'		CC	59.0	85.43'	61.5' - 81.5'
MW-19R	3/4	43.91'		GF		85.35'	72.85' - 82.85'
MW-20	3/4	62.51'		MT	116.0	141.55'	118.3' - 138.3'
MW-21	3/4	8.71'		CC		20.02'	6.2' - 16.2'
MW-22	3/5	23.05'		GF		21.77'	9.1' - 19.1'
MW-23	3/5	21.03'		GF		58.09'	43.0' - 53.0'
MW-24	3/5	7.59'	(WALKED	MT		36.5'	12.0' - 32.0'
MW-25	3/5	4.01'	TREE DOWN)	MT		28.5'	10.0' - 20.0'
MW-26	3/5	3.78'		MT		45.0'	24.0' - 34.0'
MW-27	3/5	17.71		MT		53.5'	35.0' - 45.0'
MW-28	3/5	17.49'		MT	78.0	94.0'	80.0' - 90.0'
MW-29	3/5	37.91'	(NO SAMPLE)	GF		61.5'	45.0' - 55.0'
MW-30	3/5	109.88'		MT		127.0'	99.0' - 119.0'
MW-31	3/4	4.29'		MT		19.0'	5.0' - 15.0'
DW-002		-NA				UNAVAILABLE	UNAVAILABLE
DW-003		5.24				200.0'	125.0' - 200.0'

Leachate Probes:

LP-1		DRIE 51.89				50.98	
LP-2		DRIE 26.99				27.15'	
LP-3		DRIE 49.70				49.71'	
LP-4		38.49'				41.12'	
LP-5		30.01'				32.71'	

COMMENTS:

PACKER INFO: (WATER COLUMN IN FT. X .433 X 1.25) + 30 = PACKER SETTING IN PSI

*FROM TOP OF PVC

**SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025**

LABORATORY:
SVL ANALYTICAL
ONE GOVERNMENT GULCH
KELLOGG, ID 83837-0929
(208) 784-1258 FAX (208) 783-0891
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

SHIPPING CO: **FED-EX**
SHIPPING #: **806171713196**
NUMBER OF COOLERS: **1**

DATE: **3-4-25**
PAGE **1** OF **2**

PARAMETERS:			MONITORING			RESIDENTIAL		SAMPLERS:		
			TOC	AMMONIA	CI / SO4 / TDS NO3 / ALKALINITY	CI / SO4 / NO3 ALKALINITY	METALS (As / Ba / Pb / Hg Mn / V / Zn)			
METHOD:			415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/ 300.0 2320B	7060A / 6010B / 7470A	M. TERRIS		
BOTTLES:			1-40 ml.	1-500 ml	1-500 ml	1-500 ml.	1-500 ml.	G. FLETTE		
LAB:			VOC	POLY BOTTLE	POLY BOTTLE	POLY BOTTLE	POLY BOTLE	C. CAMPBELL		
PRESERVATION:			SVL	SVL	SVL	SVL	SVL			
			HCL pH < 2	H2SO4 pH < 2	UNPRESERVED	UNPRESERVED	HN03 Ph< 2 (NOT FILTERED)	COOLER NUMBER	NUMBER BOTTLES	COMMENTS
SAMPLE IDENTIFICATION	DATE	TIME								
GWDW-001-250304	3-4-25	0856			MI	XXX			1	
GWDW-002-250304	3-4-25	1016			MI	XXX			1	
GWDN-003-250304	3-4-25	1201			MI	XXX			1	
GWMS-004-250304	3-4-25	1356			MI	XXX			1	
GW MW-009-250304	3-4-25	1049			MI	XXX			3	MS/MSD
GW MW-010-250304	3-4-25	0957			MI	XXX			1	
GWMS-005-250304	3-4-25	1306			MI	XXX			1	
GW MW-013-250304	3-4-25	1030			MI	XXX			1	
GW MW-014-250304	3-4-25	1145			MI	XXX			1	
GW MW-020-250304	3-4-25	1345			MI	XXX			1	
GW MW-031-250304	3-4-25	1210			MI	XXX			1	

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mtorris@spokanecounty.org

RELINQUISHED BY:
SIGNATURE: *Mike S. Terris*
PRINT NAME: **MIKE S. TERRIS**
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE
DATE: **3-4-2025**
TIME: **1515**

RECEIVED BY:
SIGNATURE:
PRINT NAME:
COMPANY:
DATE:
TIME:

**LABORATORY:
SVL ANALYTICAL
ONE GOVERNMENT GULCH
KELLOGG, ID 83837-0929
(208) 784-1258 FAX (208) 783-0891
ATTENTION: Sample Receiving**

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROV RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

SHIPPING CO: FED-EX
SHIPPING #: 806171713196
NUMBER OF COOLERS: 1

DATE: 3/4/2025
PAGE 2 OF 2

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mterris@spokanecounty.org

RELINQUISHED BY
SIGNATURE: *Mike S. Terris*
PRINT NAME: MIKE S. TERRIS
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

DATE: 3-4-2025
TIME: 1515

RECEIVED BY
SIGNATURE:
PRINT NAME:
COMPANY:

COMPANY:

SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025

LABORATORY:
ANATEK LAB-MOSCOW
1282 ALTURAS DR
MOSCOW, IDAHO 83843
(208) 883-2839
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509) 924-5223

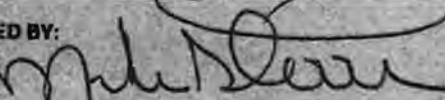
SHIPPING CO: Anatek Courier
SHIPPING # Mica-250306-1500
OF COOLERS: 2

DATE: 3/6/2025

PAGE 1 OF 2

PARAMETERS: METHOD: BOTTLES: LAB: PRESERVATION:			VOLATILES	SEMI VOLATILES	SAMPLERS: Mike Terris Gordie Fisette Craig Campbell		
				BEHP			
			8260C	8270D			
			3-40 ml. VOA'S	1 LITER AMBER GLASS			
			ANATEK LAB	ANATEK LAB			
			HCl pH<2	UNPRESERVED	NUMBER OF BOTTLES	COOLER NUMBER	COMMENTS
SAMPLE IDENTIFICATION			DATE	TIME			
GWDW-001-250304			3/4/2025	856	4	1500	
GWDW-002-250304			3/4/2025	1016	4	1500	
GWDW-003-250304			3/4/2025	1201	4	1500	
MWS-1-1-250304			3/4/2025	946	4	1500	
GWMS-004-250304			3/4/2025	1356	4	1500	
GWMS-005-250304			3/4/2025	1306	4	1500	
GWMW-009-250304			3/4/2025	1049	12	1500	MS/MSD
GWMW-010-250304			3/4/2025	957	3	1500	
GWMW-013-250304			3/4/2025	1030	3	1500	
GWMW-014-250304			3/4/2025	1145	3	1500	
GWMW-019R-250304			3/4/2025	1345	3	1500	

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP; astewart@spokanecounty.org & mterris@spokanecounty.org ALL VOC'S IN COOLER #1001

RELINQUISHED BY:
SIGNATURE:  DATE: 3/6/2025
PRINT NAME: Mike S Terris TIME: 0900
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

RECEIVED BY:
SIGNATURE: _____ DATE: _____
PRINT NAME: _____ TIME: _____
COMPANY: _____

SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025

LABORATORY:
ANATEK LAB-MOSCOW
1282 ALTURAS DR
MOSCOW, IDAHO 83843
(208) 883-2839
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509) 924-5223

SHIPPING CO: Anatek Courier
SHIPPING # Mica-250306-1500
OF COOLERS: 2

DATE: 3/6/2025

PAGE 2 OF 2

PARAMETERS: METHOD: BOTTLES: LAB: PRESERVATION:			VOLATILES	SEMI VOLATILES	SAMPLERS: Mike Terris Gordie Fisette Craig Campbell		
				BEHP			
			8260C	8270D			
			3-40 ml. VOA'S	1 LITER AMBER GLASS			
			ANATEK LAB	ANATEK LAB			
			HCl pH<2	UNPRESERVED	NUMBER OF BOTTLES	COOLER NUMBER	COMMENTS
SAMPLE IDENTIFICATION	DATE	TIME					
GWMW-020-250304	3/4/2025	1345			3	1500	
GWMW-031-250304	3/4/2025	1210			3	1500	
GWMW-016-250305	3/5/2025	1123			3	1500	
MWS-1-2-250305	3/5/2025	947			3	1500	
GWMW-023-250305	3/5/2025	931			3	1500	
MWS-2-1-250305	3/5/2025	NA			2	1500	Mica Trip-Blanks

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP; astewart@spokanecounty.org & mterris@spokanecounty.org

ALL VOC'S IN Cooler #1001

RELINQUISHED BY:
SIGNATURE:
PRINT NAME: Mike S Terris
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

DATE: 3/6/2025
TIME: 0900

RECEIVED BY:
SIGNATURE: _____
PRINT NAME: _____
COMPANY: _____

DATE: _____
TIME: _____

**SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025**

LABORATORY: *
SVL ANALYTICAL
ONE GOVERNMENT GULCH

KELLOGG, ID 83837-0929
(208) 784-1258 FAX (208) 783-0891
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

SHIPPING CO: UPS
SHIPPING #: A375736296-3
NUMBER OF COOLERS: 3 297 2 298 1

DATE: 3/5/2025

PAGE 1 OF 2

PARAMETERS:			MONITORING			RESIDENTIAL		SAMPLERS:		
			TOC	AMMONIA	Cl / SO4 / TDS NO3 / ALKALINITY	Cl / SO4 / NO3 ALKALINITY	METALS (As / Ba / Pb / Hg Mn / V / Zn)			
METHOD:			415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/ 300.0 2320B	7060A / 6010B / 7470A	CRAIG C		
BOTTLES:			1-40 ml.	1-500 ml	1-500 ml	1-500 ml.	1-500 ml.	GORDIE F		
LAB:			VOC	POLY BOTTLE	POLY BOTTLE	POLY BOTTLE	POLY BOTLE	MIKE T.		
PRESERVATION:			SVL	SVL	SVL	SVL	SVL			
			HCL pH < 2	H2SO4 pH < 2	UNPRESERVED	UNPRESERVED	HN03 Ph< 2 (NOT FILTERED)	COOLER NUMBER	NUMBER BOTTLES	COMMENTS
SAMPLE IDENTIFICATION	DATE	TIME								
GW DW-001-250304	3-4-25	0856	X	X			X	141	3	
GW DW-002-250304	3-4-25	1016	X	X			X	141	3	
GW DW-003-250304	3-4-25	1201	X	X			X	141	3	
MNS-1-1-250304	3-4-25	0946	X	X			X	141	3	
GW MS-004-250304	3-4-25	1356	X	X			X	141	3	
GW MS-005-250304	3-4-25	1306	X	X			X	141	3	
GW MW-009-250304	3-4-25	1049	X	X			X	13	9	MS/MSD
GW MW-010-250304	3-4-25	0957	X	X			X	141	3	
GW MW-013-250304	3-4-25	1030	X	X			X	13	3	
GW MW-014-250304	3-4-25	1145	X	X			X	13	3	
GW MW-019R-250304	3-4-25	1345	X	X			X	141	3	

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mtorris@spokanecounty.org ALL TOC IN COOLERS #10

RELINQUISHED BY	RECEIVED BY
SIGNATURE: <i>[Signature]</i>	SIGNATURE:
PRINT NAME: MIKE S. TERRIS	PRINT NAME:
DATE: 3/5/25	DATE:
TIME: 1450	TIME:
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE	COMPANY:

**SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025**

LABORATORY: **X**
SVL ANALYTICAL
ONE GOVERNMENT GULCH
KELLOGG, ID 83837-0929
(208) 784-1258 FAX (208) 783-0891
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

SHIPPING CO: **UPS**
SHIPPING #: **A3757362963**
NUMBER OF COOLERS: **3** **2970** **2981**

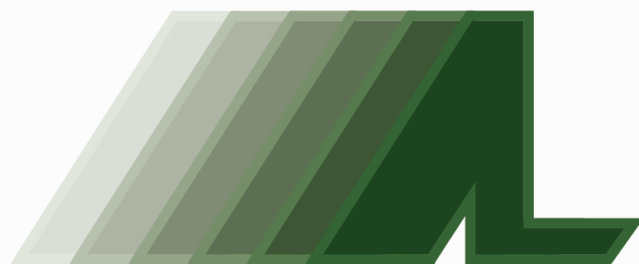
DATE: **3/5/2025**
PAGE **2** OF **2**

			MONITORING			RESIDENTIAL		SAMPLERS:		
PARAMETERS:			TOC	AMMONIA	Cl / SO4 / TDS NO3 / ALKALINITY	Cl / SO4 / NO3 ALKALINITY	METALS (As / Ba / Pb / Hg Mn / V / Zn)			
METHOD:			415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/ 300.0 2320B	7060A / 6010B / 7470A	CRAIG C.		
BOTTLES:			1-40 ml.	1-500 ml	1-500 ml	1-500 ml.	1-500 ml.	GORDIE F.		
LAB:			VOC	POLY BOTTLE	POLY BOTTLE	POLY BOTTLE	POLY BOTLE	MIKE T.		
PRESERVATION:			SVL	SVL	SVL	SVL	SVL			
			HCL pH < 2	H2SO4 pH < 2	UNPRESERVED	UNPRESERVED	HN03 Ph< 2 (NOT FILTERED)	COOLER NUMBER	NUMBER BOTTLES	COMMENTS
SAMPLE IDENTIFICATION	DATE	TIME								
GWMW-020-250304	3-4-25	1345	X	X			X	13	3	
GWMW-031-250304	3-4-25	1210	X	X			X	13	3	
GWMW-016-250305	3-5-25	1123	X	X			X	10	3	
GWMW-023-250305	3-5-25	0931	X	X			X	10	3	
GWMW-1-2-250305	3-5-25	0947	X	X			X	10	3	

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mterris@spokanecounty.org **ALL TOX COOLERS #10**

RELINQUISHED BY		RECEIVED BY	
SIGNATURE: MIKE T. TERRIS	DATE: 3/5/25	SIGNATURE:	DATE:
PRINT NAME: MIKE T. TERRIS	TIME: 1450	PRINT NAME:	TIME:
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE		COMPANY:	

APPENDIX C: GROUNDWATER SAMPLING LABORATORY RESULTS



ANATEK LABS

Analytical Results Report For:

Spokane County Utilities

Project Number:

X4L0119

Anatek Work Order:

MEL0239

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Client: Spokane County Utilities
Address: 22515 N. Elk Chattaroy Rd
Colbert, WA 99005
Attn: Dave Tryon

Work Order: MEL0239
Project: X4L0119
Reported: 12/20/2024 11:07

Analytical Results Report

Sample Location: X4L0119-01 (GWMW-016-241204)
Lab/Sample Number: MEL0239-01 **Collect Date:** 12/04/24 09:47
Date Received: 12/09/24 10:10 **Collected By:** MT/GF
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	8.54	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2-Dichloroethane	2.23	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,2-Dichloropropane	14.5	ug/L	5.00	12/12/24 6:36	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	2.77	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
1,4-Dichlorobenzene	1.38	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	12/10/24 23:44	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Acetone	60.4	ug/L	25.0	12/12/24 6:36	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Benzene	10.3	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Chlorobenzene	0.890	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Chloroethane	6.22	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	

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Sample Location: X4L0119-01 (GWMW-016-241204)
Lab/Sample Number: MEL0239-01 Collect Date: 12/04/24 09:47
Date Received: 12/09/24 10:10 Collected By: MT/GF
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Chloromethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
cis-1,2-dichloroethene	0.940	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Dichlorodifluoromethane	3.78	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Ethylbenzene	35.8	ug/L	5.00	12/12/24 6:36	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Isopropylbenzene	4.69	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
m+p-Xylene	37.2	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	18.6	ug/L	2.50	12/10/24 23:44	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	12.7	ug/L	2.50	12/10/24 23:44	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	12/10/24 23:44	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Naphthalene	19.8	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
n-Propylbenzene	0.840	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
o-Xylene	17.3	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
p-isopropyltoluene	3.12	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Toluene	6.30	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
trans-1,2-Dichloroethene	1.22	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Trichlorofluoromethane	1.19	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	12/10/24 23:44	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	100%		70-130	12/10/24 23:44	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	99.0%		70-130	12/10/24 23:44	BKP	EPA 8260D	
Surrogate: Toluene-d8	100%		70-130	12/10/24 23:44	BKP	EPA 8260D	

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Sample Location: X4L0119-02 (GWMW-031-241204)
Lab/Sample Number: MEL0239-02 Collect Date: 12/04/24 10:30
Date Received: 12/09/24 10:10 Collected By: MT/GF
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	12/11/24 0:16	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	12/11/24 0:16	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	

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Sample Location: X4L0119-02 (GWMW-031-241204)
Lab/Sample Number: MEL0239-02 Collect Date: 12/04/24 10:30
Date Received: 12/09/24 10:10 Collected By: MT/GF
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	12/11/24 0:16	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	12/11/24 0:16	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	12/11/24 0:16	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	12/11/24 0:16	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	100%		70-130	12/11/24 0:16	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	96.4%		70-130	12/11/24 0:16	BKP	EPA 8260D	
Surrogate: Toluene-d8	97.7%		70-130	12/11/24 0:16	BKP	EPA 8260D	

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Sample Location: X4L0119-03 (MWS-2-1-241204)
Lab/Sample Number: MEL0239-03 Collect Date: 12/04/24 00:00
Date Received: 12/09/24 10:10 Collected By: MT/GF
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	12/11/24 0:48	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	12/11/24 0:48	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	2.50	12/11/24 0:48	BKP	EPA 8260D	
Benzene	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	2.50	12/11/24 0:48	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	1.00	12/11/24 0:48	BKP	EPA 8260D	

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Sample Location: X4L0119-03 (MWS-2-1-241204)
Lab/Sample Number: MEL0239-03 Collect Date: 12/04/24 00:00
Date Received: 12/09/24 10:10 Collected By: MT/GF
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	12/11/24 0:48	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	12/11/24 0:48	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	12/11/24 0:48	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.200	12/11/24 0:48	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	100%		70-130	12/11/24 0:48	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	96.0%		70-130	12/11/24 0:48	BKP	EPA 8260D	
Surrogate: Toluene-d8	97.5%		70-130	12/11/24 0:48	BKP	EPA 8260D	

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Authorized Signature,



Justin Doty for Todd Taruscio, Lab Manager

M2	Matrix spike recovery was low; the associated blank spike recovery was acceptable. Potential matrix effect.
PQL	Practical Quantitation Limit
ND	Not Detected
MCL	EPA's Maximum Contaminant Level
Dry	Sample results reported on a dry weight basis
*	Not a state-certified analyte
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was spiked or duplicated.

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The results reported related only to the samples indicated.

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Quality Control Data

Volatiles

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BEL0384 - VOC

Blank (BEL0384-BLK1)

Prepared & Analyzed: 12/10/24 10:17

Dichlorodifluoromethane	ND		0.500	ug/L
Chloroethane	ND		0.500	ug/L
Methylene Chloride (Dichloromethane)	ND		2.50	ug/L
Methyl isobutyl ketone (MIBK)	ND		2.50	ug/L
Methyl ethyl ketone (MEK)	ND		2.50	ug/L
m/p Xylenes (MCL for total)	ND		0.500	ug/L
Isopropylbenzene	ND		0.500	ug/L
Naphthalene	ND		0.500	ug/L
Ethylbenzene	ND		0.500	ug/L
n-Butylbenzene	ND		0.500	ug/L
Dibromomethane	ND		0.500	ug/L
Dibromochloromethane	ND		0.500	ug/L
cis-1,3-Dichloropropene	ND		0.500	ug/L
cis-1,2-Dichloroethylene	ND		0.500	ug/L
Chloromethane	ND		0.500	ug/L
Chloroform	ND		0.500	ug/L
Hexachlorobutadiene	ND		0.500	ug/L
Tetrachloroethylene	ND		0.500	ug/L
1,1,1,2-Tetrachloroethane	ND		0.500	ug/L
Trichlorofluoromethane	ND		0.500	ug/L
Trichloroethene	ND		0.500	ug/L
trans-1,3-Dichloropropene	ND		0.500	ug/L
methyl-t-butyl ether (MTBE)	ND		0.500	ug/L
Toluene	ND		0.500	ug/L
Vinyl Chloride	ND		0.500	ug/L
tert-Butylbenzene	ND		0.500	ug/L
Styrene	ND		0.500	ug/L
sec-Butylbenzene	ND		0.500	ug/L
p-isopropyltoluene	ND		0.500	ug/L
o-Xylene (MCL for total)	ND		0.500	ug/L
n-Propylbenzene	ND		0.500	ug/L
trans-1,2 Dichloroethylene	ND		0.500	ug/L
1,2,3-Trichlorobenzene	ND		0.500	ug/L
1,2-Dichloropropane	ND		0.500	ug/L
1,2-Dichloroethane	ND		0.500	ug/L
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND		0.500	ug/L
EDB (screening)	ND		0.500	ug/L
DBCP (screening)	ND		0.500	ug/L
1,2,4-Trimethylbenzene	ND		0.500	ug/L
1,3,5-Trimethylbenzene	ND		0.500	ug/L
1,2,3-Trichloropropane	ND		0.500	ug/L
1,1,2-Trichloroethane	ND		0.500	ug/L
1,1-Dichloropropene	ND		0.500	ug/L
1,1-Dichloroethylene	ND		0.500	ug/L
1,1-Dichloroethane	ND		0.500	ug/L
1,1,1-Trichloroethane	ND		0.500	ug/L

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BEL0384 - VOC (Continued)

Blank (BEL0384-BLK1)

Prepared & Analyzed: 12/10/24 10:17

1,1,2,2-Tetrachloroethane	ND		0.500	ug/L						
Chlorobenzene (Monochlorobenzene)	ND		0.500	ug/L						
1,2,4-Trichlorobenzene	ND		0.500	ug/L						
Bromobenzene	ND		0.500	ug/L						
Carbon Tetrachloride	ND		0.500	ug/L						
Carbon disulfide	ND		0.500	ug/L						
Bromoform	ND		0.500	ug/L						
m-Dichlorobenzene	ND		0.500	ug/L						
Bromochloromethane	ND		0.500	ug/L						
Bromomethane	ND		0.500	ug/L						
Benzene	ND		0.500	ug/L						
Acrylonitrile	ND		0.500	ug/L						
Acetone	ND		2.50	ug/L						
p-Chlorotoluene	ND		0.500	ug/L						
2-hexanone	ND		2.50	ug/L						
o-Chlorotoluene	ND		0.500	ug/L						
2,2-Dichloropropane	ND		0.500	ug/L						
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND		0.500	ug/L						
1,3-Dichloropropane	ND		0.500	ug/L						
Bromodichloromethane	ND		0.500	ug/L						

Surrogate: 4-Bromofluorobenzene

18.9 ug/L

20.0

94.4

70-130

Surrogate: Toluene-d8

19.5 ug/L

20.0

97.6

70-130

Surrogate: 1,2-Dichlorobenzene-d4

20.0 ug/L

20.0

100

70-130

LCS (BEL0384-BS1)

Prepared & Analyzed: 12/10/24 16:44

Methyl isobutyl ketone (MIBK)	8.65		2.50	ug/L	10.0		86.5	70-136		
Methyl ethyl ketone (MEK)	8.65		2.50	ug/L	10.0		86.5	55-154		
m/p Xylenes (MCL for total)	19.3		0.500	ug/L	20.0		96.6	80-120		
Isopropylbenzene	8.75		0.500	ug/L	10.0		87.5	80-120		
Hexachlorobutadiene	9.43		0.500	ug/L	10.0		94.3	80-120		
Ethylbenzene	9.44		0.500	ug/L	10.0		94.4	80-120		
Dichlorodifluoromethane	8.82		0.500	ug/L	10.0		88.2	57-130		
Dibromomethane	9.02		0.500	ug/L	10.0		90.2	80-120		
Dibromochloromethane	8.28		0.500	ug/L	10.0		82.8	80-121		
cis-1,3-Dichloropropene	9.15		0.500	ug/L	10.0		91.5	79-123		
cis-1,2-Dichloroethylene	9.43		0.500	ug/L	10.0		94.3	80-120		
Chloroethane	10.1		0.500	ug/L	10.0		101	78-120		
Styrene	8.77		0.500	ug/L	10.0		87.7	80-120		
Chlorobenzene (Monochlorobenzene)	8.61		0.500	ug/L	10.0		86.1	80-120		
Chloroform	9.15		0.500	ug/L	10.0		91.5	80-120		
tert-Butylbenzene	9.69		0.500	ug/L	10.0		96.9	80-120		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	8.29		0.500	ug/L	10.0		82.9	80-120		
Carbon Tetrachloride	9.02		0.500	ug/L	10.0		90.2	80-120		
Trichloroethene	9.39		0.500	ug/L	10.0		93.9	80-120		
trans-1,3-Dichloropropene	8.86		0.500	ug/L	10.0		88.6	69-130		
trans-1,2 Dichloroethylene	9.07		0.500	ug/L	10.0		90.7	80-120		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0384 - VOC (Continued)										
LCS (BEL0384-BS1)					Prepared & Analyzed: 12/10/24 16:44					
p-isopropyltoluene	9.45		0.500	ug/L	10.0		94.5	80-120		
Tetrachloroethylene	9.27		0.500	ug/L	10.0		92.7	80-120		
methyl-t-butyl ether (MTBE)	8.96		0.500	ug/L	10.0		89.6	71-130		
sec-Butylbenzene	8.84		0.500	ug/L	10.0		88.4	80-120		
Trichlorofluoromethane	9.10		0.500	ug/L	10.0		91.0	61-140		
o-Xylene (MCL for total)	9.70		0.500	ug/L	10.0		97.0	80-120		
n-Propylbenzene	9.51		0.500	ug/L	10.0		95.1	80-120		
n-Butylbenzene	9.27		0.500	ug/L	10.0		92.7	74-122		
Naphthalene	8.69		0.500	ug/L	10.0		86.9	66-133		
Toluene	9.09		0.500	ug/L	10.0		90.9	80-120		
1,1-Dichloroethane	8.90		0.500	ug/L	10.0		89.0	80-120		
1,2-Dichloropropane	9.02		0.500	ug/L	10.0		90.2	80-120		
1,2,4-Trimethylbenzene	8.71		0.500	ug/L	10.0		87.1	80-120		
1,2,4-Trichlorobenzene	9.21		0.500	ug/L	10.0		92.1	80-120		
1,2,3-Trichloropropane	8.22		0.500	ug/L	10.0		82.2	80-120		
1,2,3-Trichlorobenzene	9.31		0.500	ug/L	10.0		93.1	78-120		
EDB (screening)	8.87		0.500	ug/L	10.0		88.7	70-130		
1,1-Dichloroethylene	9.02		0.500	ug/L	10.0		90.2	70-129		
1,2-Dichloroethane	8.45		0.500	ug/L	10.0		84.5	80-120		
1,1,2-Trichloroethane	8.42		0.500	ug/L	10.0		84.2	80-120		
1,1,2,2-Tetrachloroethane	7.80		0.500	ug/L	10.0		78.0	77-123		
1,1,1-Trichloroethane	9.36		0.500	ug/L	10.0		93.6	80-120		
1,1,1,2-Tetrachloroethane	8.46		0.500	ug/L	10.0		84.6	80-120		
1,1-Dichloropropene	9.72		0.500	ug/L	10.0		97.2	80-120		
2-hexanone	8.29		2.50	ug/L	10.0		82.9	65-140		
Bromoform	8.32		0.500	ug/L	10.0		83.2	68-133		
Bromodichloromethane	8.70		0.500	ug/L	10.0		87.0	80-120		
Bromochloromethane	9.08		0.500	ug/L	10.0		90.8	80-120		
Bromobenzene	8.62		0.500	ug/L	10.0		86.2	80-120		
Benzene	9.09		0.500	ug/L	10.0		90.9	80-120		
DBCP (screening)	7.98		0.500	ug/L	10.0		79.8	71-128		
p-Chlorotoluene	9.15		0.500	ug/L	10.0		91.5	80-124		
Carbon disulfide	9.03		0.500	ug/L	10.0		90.3	80-120		
o-Chlorotoluene	9.06		0.500	ug/L	10.0		90.6	80-120		
2,2-Dichloropropane	9.46		0.500	ug/L	10.0		94.6	80-120		
1,4-Dichlorobenzene (para-Dichlorobenzene)	8.36		0.500	ug/L	10.0		83.6	80-120		
1,3-Dichloropropane	8.74		0.500	ug/L	10.0		87.4	80-120		
m-Dichlorobenzene	8.90		0.500	ug/L	10.0		89.0	80-120		
1,3,5-Trimethylbenzene	8.76		0.500	ug/L	10.0		87.6	80-121		
Acrylonitrile	8.77		0.500	ug/L	10.0		87.7	73-131		
Vinyl Chloride	8.45		0.500	ug/L	10.0		84.5	75-120		
Surrogate: 4-Bromofluorobenzene			19.9	ug/L	20.0		99.5	70-130		
Surrogate: Toluene-d8			20.1	ug/L	20.0		100	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			20.0	ug/L	20.0		100	70-130		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BEL0384 - VOC (Continued)

Matrix Spike (BEL0384-MS1)

Source: MEL0239-01

Prepared & Analyzed: 12/11/24 02:57

1,2-Dichlorobenzene (ortho-Dichlorobenzene)	10.7		0.500	ug/L	11.9	ND	89.8	70-130		
Bromochloromethane	11.5		0.500	ug/L	11.9	ND	96.9	70-130		
Bromobenzene	11.1		0.500	ug/L	11.9	ND	93.1	70-130		
Acrylonitrile	11.0		0.500	ug/L	11.9	ND	92.5	65-137		
p-Chlorotoluene	11.5		0.500	ug/L	11.9	ND	96.6	70-130		
o-Chlorotoluene	11.4		0.500	ug/L	11.9	ND	95.7	70-130		
2,2-Dichloropropane	10.9		0.500	ug/L	11.9	ND	91.3	70-130		
1,1-Dichloropropene	10.3		0.500	ug/L	11.9	ND	86.2	70-130		
m-Dichlorobenzene	11.3		0.500	ug/L	11.9	ND	94.8	70-130		
Carbon disulfide	10.5		0.500	ug/L	11.9	ND	88.5	70-130		
EDB (screening)	11.5		0.500	ug/L	11.9	ND	96.8	70-130		
DBCP (screening)	13.9		0.500	ug/L	11.9	ND	117	55-146		
1,2,4-Trichlorobenzene	14.8		0.500	ug/L	11.9	ND	124	70-130		
1,2,3-Trichloropropane	10.8		0.500	ug/L	11.9	ND	90.9	69-137		
1,2,3-Trichlorobenzene	13.4		0.500	ug/L	11.9	ND	113	67-134		
1,3-Dichloropropane	11.1		0.500	ug/L	11.9	ND	93.2	70-130		
Hexachlorobutadiene	10.9		0.500	ug/L	11.9	ND	91.2	70-130		
Vinyl Chloride	9.30		0.500	ug/L	11.9	ND	78.2	70-130		
Tetrachloroethylene	10.1		0.500	ug/L	11.9	ND	84.6	70-130		
tert-Butylbenzene	11.4		0.500	ug/L	11.9	ND	96.1	70-130		
Styrene	11.4		0.500	ug/L	11.9	ND	95.6	30-130		
sec-Butylbenzene	10.4		0.500	ug/L	11.9	ND	87.3	70-130		
Bromodichloromethane	11.1		0.500	ug/L	11.9	ND	93.3	70-130		
methyl-t-butyl ether (MTBE)	12.0		0.500	ug/L	11.9	ND	101	57-138		
Bromoform	11.3		0.500	ug/L	11.9	ND	94.6	59-140		
Dibromomethane	11.9		0.500	ug/L	11.9	ND	100	70-130		
Dibromochloromethane	11.2		0.500	ug/L	11.9	ND	94.0	70-130		
cis-1,3-Dichloropropene	11.4		0.500	ug/L	11.9	ND	95.8	74-124		
Chloroform	11.0		0.500	ug/L	11.9	ND	92.8	70-130		
Carbon Tetrachloride	9.63		0.500	ug/L	11.9	ND	80.9	70-130		
trans-1,3-Dichloropropene	11.2		0.500	ug/L	11.9	ND	93.9	61-131		
n-Butylbenzene	10.6		0.500	ug/L	11.9	ND	88.9	67-130		
cis-1,2-Dichloroethylene	13.0		0.500	ug/L	11.9	0.940	101	70-130		
o-Xylene (MCL for total)	30.1		0.500	ug/L	11.9	17.3	108	62-127		
1,2-Dichloropropane	28.0		0.500	ug/L	11.9	14.5	114	70-130		
Methyl isobutyl ketone (MIBK)	32.8	M2	2.50	ug/L	11.9	12.7	169	53-167		
Benzene	20.9		0.500	ug/L	11.9	10.3	89.7	70-130		
2-hexanone	15.7		2.50	ug/L	11.9	1.45	120	43-175		
1,4-Dichlorobenzene (para-Dichlorobenzene)	11.8		0.500	ug/L	11.9	1.38	87.3	70-130		
Methyl ethyl ketone (MEK)	43.8	M2	2.50	ug/L	11.9	18.6	212	47-165		
Trichlorofluoromethane	10.5		0.500	ug/L	11.9	1.19	78.2	50-154		
Chlorobenzene (Monochlorobenzene)	11.2		0.500	ug/L	11.9	0.890	86.7	70-130		
n-Propylbenzene	11.9		0.500	ug/L	11.9	0.840	92.6	70-130		
Trichloroethene	11.5		0.500	ug/L	11.9	0.480	92.5	70-130		
1,1-Dichloroethylene	9.49		0.500	ug/L	11.9	ND	79.8	70-130		
trans-1,2 Dichloroethylene	11.4		0.500	ug/L	11.9	1.22	85.8	70-130		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BEL0384 - VOC (Continued)

Matrix Spike (BEL0384-MS1)

Source: MEL0239-01

Prepared & Analyzed: 12/11/24 02:57

1,2,4-Trimethylbenzene	19.9		0.500	ug/L	11.9	8.54	95.6	40-140		
1,1-Dichloroethane	20.3	M2	0.500	ug/L	11.9	ND	171	70-130		
1,1,2,2-Tetrachloroethane	10.5		0.500	ug/L	11.9	ND	88.6	67-136		
Naphthalene	32.1		0.500	ug/L	11.9	19.8	103	56-147		
1,1,1,2-Tetrachloroethane	10.7		0.500	ug/L	11.9	ND	89.5	70-130		
1,1,2-Trichloroethane	10.6		0.500	ug/L	11.9	ND	89.4	70-130		
Toluene	18.6		0.500	ug/L	11.9	6.30	103	70-130		
Chloroethane	19.4		0.500	ug/L	11.9	6.22	111	68-138		
Isopropylbenzene	15.3		0.500	ug/L	11.9	4.69	89.2	70-130		
m/p Xylenes (MCL for total)	59.1		0.500	ug/L	23.8	37.2	92.1	57-130		
Ethylbenzene	62.1		0.500	ug/L	11.9	35.8	221	70-130		
Dichlorodifluoromethane	11.6		0.500	ug/L	11.9	3.78	66.0	57-136		
p-isopropyltoluene	14.8		0.500	ug/L	11.9	3.12	98.0	70-130		
1,3,5-Trimethylbenzene	13.5		0.500	ug/L	11.9	2.77	90.2	40-140		
1,2-Dichloroethane	13.1		0.500	ug/L	11.9	2.23	91.4	70-130		
1,1,1-Trichloroethane	10.1		0.500	ug/L	11.9	ND	85.1	70-130		
Surrogate: Toluene-d8			20.2	ug/L	23.8		85.0	70-130		
Surrogate: 4-Bromofluorobenzene			19.9	ug/L	23.8		83.4	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			20.0	ug/L	23.8		84.1	70-130		

Matrix Spike Dup (BEL0384-MSD1)

Source: MEL0239-01

Prepared & Analyzed: 12/11/24 03:29

Bromodichloromethane	11.0		0.500	ug/L	11.9	ND	92.1	70-130	0.996	20
Bromochloromethane	11.6		0.500	ug/L	11.9	ND	97.2	70-130	0.605	20
Bromobenzene	11.4		0.500	ug/L	11.9	ND	95.3	70-130	2.67	20
Acrylonitrile	9.72		0.500	ug/L	11.9	ND	81.4	65-137	12.4	20
p-Chlorotoluene	11.6		0.500	ug/L	11.9	ND	97.4	70-130	1.21	20
o-Chlorotoluene	11.6		0.500	ug/L	11.9	ND	96.8	70-130	1.39	20
2,2-Dichloropropane	11.3		0.500	ug/L	11.9	ND	94.9	70-130	4.24	20
1,3-Dichloropropane	11.0		0.500	ug/L	11.9	ND	92.1	70-130	0.906	20
m-Dichlorobenzene	11.4		0.500	ug/L	11.9	ND	95.5	70-130	1.06	20
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	10.8		0.500	ug/L	11.9	ND	90.7	70-130	1.39	20
EDB (screening)	11.5		0.500	ug/L	11.9	ND	96.4	70-130	0.0868	20
DBCP (screening)	13.8		0.500	ug/L	11.9	ND	116	55-146	0.289	20
1,2,3-Trichloropropane	10.6		0.500	ug/L	11.9	ND	89.0	69-137	1.77	20
Hexachlorobutadiene	11.5		0.500	ug/L	11.9	ND	96.4	70-130	5.90	20
1,2,3-Trichlorobenzene	14.4		0.500	ug/L	11.9	ND	120	67-134	6.91	20
1,2,4-Trichlorobenzene	15.5		0.500	ug/L	11.9	ND	130	70-130	4.77	20
methyl-t-butyl ether (MTBE)	12.8		0.500	ug/L	11.9	ND	107	57-138	6.21	20
Methyl ethyl ketone (MEK)	41.8	M2	2.50	ug/L	11.9	18.6	195	47-165	4.61	20
1,1-Dichloropropene	10.3		0.500	ug/L	11.9	ND	86.5	70-130	0.680	20
Tetrachloroethylene	10.4		0.500	ug/L	11.9	ND	86.9	70-130	2.94	20
tert-Butylbenzene	11.7		0.500	ug/L	11.9	ND	98.1	70-130	2.42	20
Styrene	11.5		0.500	ug/L	11.9	ND	96.3	30-130	1.05	20
Dibromochloromethane	11.1		0.500	ug/L	11.9	ND	93.3	70-130	0.358	20
n-Butylbenzene	10.8		0.500	ug/L	11.9	ND	90.6	67-130	2.24	20
Bromoform	11.3		0.500	ug/L	11.9	ND	94.5	59-140	0.266	20

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0384 - VOC (Continued)										
Matrix Spike Dup (BEL0384-MSD1)			Source: MEL0239-01			Prepared & Analyzed: 12/11/24 03:29				
Dibromomethane	12.0		0.500	ug/L	11.9	ND	101	70-130	1.00	20
trans-1,3-Dichloropropene	11.4		0.500	ug/L	11.9	ND	95.8	61-131	2.39	20
cis-1,3-Dichloropropene	11.7		0.500	ug/L	11.9	ND	97.8	74-124	2.34	20
Chloroform	11.0		0.500	ug/L	11.9	ND	92.1	70-130	0.454	20
Carbon Tetrachloride	9.55		0.500	ug/L	11.9	ND	80.0	70-130	0.834	20
Carbon disulfide	10.3		0.500	ug/L	11.9	ND	86.6	70-130	1.82	20
sec-Butylbenzene	10.6		0.500	ug/L	11.9	ND	88.6	70-130	1.91	20
cis-1,2-Dichloroethylene	13.2		0.500	ug/L	11.9	0.940	103	70-130	1.91	20
1,2-Dichloropropane	28.0		0.500	ug/L	11.9	14.5	113	70-130	0.286	20
Methyl isobutyl ketone (MIBK)	32.2		2.50	ug/L	11.9	12.7	164	53-167	1.78	20
Benzene	20.7		0.500	ug/L	11.9	10.3	87.6	70-130	1.01	20
2-hexanone	15.6		2.50	ug/L	11.9	1.45	118	43-175	0.704	20
1,4-Dichlorobenzene (para-Dichlorobenzene)	11.9		0.500	ug/L	11.9	1.38	88.3	70-130	1.35	20
1,2-Dichloroethane	12.8		0.500	ug/L	11.9	2.23	88.3	70-130	2.55	20
Trichlorofluoromethane	9.44		0.500	ug/L	11.9	1.19	69.1	50-154	10.5	20
Chlorobenzene (Monochlorobenzene)	11.3		0.500	ug/L	11.9	0.890	87.0	70-130	0.712	20
n-Propylbenzene	11.9		0.500	ug/L	11.9	0.840	92.9	70-130	0.588	20
Trichloroethene	11.7		0.500	ug/L	11.9	0.480	94.2	70-130	2.07	20
Vinyl Chloride	9.00		0.500	ug/L	11.9	ND	75.4	70-130	3.28	20
trans-1,2 Dichloroethylene	11.4		0.500	ug/L	11.9	1.22	85.1	70-130	0.438	20
Isopropylbenzene	15.5		0.500	ug/L	11.9	4.69	90.7	70-130	1.43	20
1,1-Dichloroethane	20.3	M2	0.500	ug/L	11.9	ND	170	70-130	0.0492	20
1,1,2-Trichloroethane	10.6		0.500	ug/L	11.9	ND	88.5	70-130	0.755	20
1,1,2,2-Tetrachloroethane	10.4		0.500	ug/L	11.9	ND	86.8	67-136	1.72	20
1,1,1-Trichloroethane	10.3		0.500	ug/L	11.9	ND	85.9	70-130	1.28	20
1,1,1,2-Tetrachloroethane	10.8		0.500	ug/L	11.9	ND	90.2	70-130	1.12	20
1,2,4-Trimethylbenzene	20.1		0.500	ug/L	11.9	8.54	96.5	40-140	0.751	20
o-Xylene (MCL for total)	30.2		0.500	ug/L	11.9	17.3	108	62-127	0.398	20
Chloroethane	18.9		0.500	ug/L	11.9	6.22	106	68-138	3.08	20
Naphthalene	33.2		0.500	ug/L	11.9	19.8	112	56-147	3.31	20
m/p Xylenes (MCL for total)	58.9		0.500	ug/L	23.9	37.2	91.0	57-130	0.305	20
Ethylbenzene	61.7		0.500	ug/L	11.9	35.8	217	70-130	0.630	20
Dichlorodifluoromethane	10.9		0.500	ug/L	11.9	3.78	59.8	57-136	6.30	20
p-isopropyltoluene	15.1		0.500	ug/L	11.9	3.12	101	70-130	2.34	20
1,3,5-Trimethylbenzene	13.7		0.500	ug/L	11.9	2.77	91.2	40-140	1.10	20
1,1-Dichloroethylene	9.47		0.500	ug/L	11.9	ND	79.3	70-130	0.211	20
Toluene	18.6		0.500	ug/L	11.9	6.30	103	70-130	0.323	20
Surrogate: 4-Bromofluorobenzene			19.8	ug/L	23.9		82.9	70-130		
Surrogate: Toluene-d8			20.0	ug/L	23.9		83.7	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			20.0	ug/L	23.9		83.8	70-130		

**SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2024**

MEL0239



Due: 12/23/24

LABORATORY: 
ANATEK LAB-MOSCOW

1282 ALTURAS DR

MOSCOW, IDAHO 83843

(208) 883-2839

ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES

22515 N. ELK CHATTAROY RD.

COLBERT, WASHINGTON 99005

(509) 238-6607 FAX (509) 238-6812

MICA (509) 924-5223

SHIPPING CO: UPS

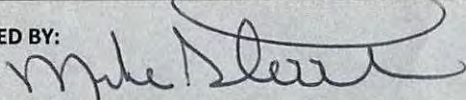
SHIPPING # A5645106753

OF COOLERS: 1 COOLER

PAGE 1 OF 1

PARAMETERS: METHOD: BOTTLES: LAB: PRESERVATION:			VOLATILES	SEMI VOLATILES	SAMPLERS: Mike Terris Gordie Fisette		
				BEHP			
			8260C	8270D			
			3-40 ml. VOA'S	1 LITER AMBER GLASS			
			ANATEK LAB	ANATEK LAB			
		HCl pH<2	UNPRESERVED	NUMBER OF BOTTLES	COOLER NUMBER	COMMENTS	
SAMPLE IDENTIFICATION	DATE	TIME					
GWMW-016-241204	12/4/2024	0947	XXXX		3	107	
GWMW-031-241204	12/4/2024	1030	XXXX		3	107	
MWS-2-1-241204	12/4/2024	-	XXXX		2	107	Trip Blanks

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP; astewart@spokanecounty.org & mterris@spokanecounty.org

RELINQUISHED BY: SIGNATURE:  PRINT NAME: Mike S Terris COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE		RECEIVED BY:  SIGNATURE: PRINT NAME: COMPANY:	
DATE: 12/4/2024 TIME: 1400		DATE: 12/9/24 TIME: 1010	



Subcontract Order

One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

X4L0119

Sending Laboratory:

SVL Analytical, Inc.
One Government Gulch
PO Box 929
Kellogg, ID 83837-0929
Phone: 208-784-1258
Project Manager: Dave Tryon

Client:

Spokane County Environmental Services
(Colbert)
Project Name:
Routine

Receiving Laboratory:

Anatek Labs (ID)
1282 Alturas Drive
Moscow, ID 83843
Phone: 208-883-2839

Project State of Origin:

Washington

Report and Invoice to SVL Analytical, Inc.

Analysis	Due	HT Expires		
SVL ID: X4L0119-01 Client ID: GWMW-016-241204			Ground Water	Sampled: 04-Dec-24 09:47
Sub VOC 8260 (Anatek)	23-Dec-24	18-Dec-24 09:47	DEDICATED QC	
Containers Supplied:				
Amber VOA HCl (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
SVL ID: X4L0119-02 Client ID: GWMW-031-241204			Ground Water	Sampled: 04-Dec-24 10:30
Sub VOC 8260 (Anatek)	23-Dec-24	18-Dec-24 10:30	DEDICATED QC	
Containers Supplied:				
Amber VOA HCl (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
SVL ID: X4L0119-03 Client ID: MWS-2-1-241204			Ground Water	Sampled: 04-Dec-24 00:00
Sub VOC 8260 (Anatek)	23-Dec-24	18-Dec-24 00:00	DEDICATED QC	
Containers Supplied:				
Amber VOA HCl (A)				
Amber VOA HCl (B)				

Shipped directly to Anatek

Relinquished by: *Maya* Date/Time: 12/9/24 Received by: _____ Date/Time: _____
Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____



Anatek Labs, Inc.

Sample Receipt and Preservation Form

Client Name: Spokane County

TAT: Normal RUSH: _____ days

Samples Received From: FedEx UPS USPS Client Courier Other: _____

Custody Seal on Cooler/Box: Yes No Custody Seals Intact: Yes No N/A

Number of Coolers/Boxes: 1 Type of Ice: Wet Ice Ice Packs Dry Ice None

Packing Material: Bubble Wrap Bags Foam/Peanuts Paper None Other: _____

Cooler Temp As Read (°C): 2.6° Cooler Temp Corrected (°C): _____ Thermometer Used: IR-4 IR-6

Samples Received Intact? Yes No N/A
Chain of Custody Present/Complete? Yes No N/A
Labels and Chains Agree? Yes No N/A
Samples Received Within Hold Time? Yes No N/A
Correct Containers Received? Yes No N/A
Anatek Bottles Used? Yes No Unknown
Total Number of Sample Bottles Received: 8

Comments:

Samples Properly Preserved? Yes No N/A
If No, record preservation and pH-after details
VOC Vials Free of Headspace (<6mm)? Yes No N/A
VOC Trip Blanks Present? Yes No N/A

Initial pH:

pH Paper ID:

<2

or

Record preservatives (and lot numbers, if known) for containers below:

644 HCL(2317) VOC 8260 x 6+2 TB

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

emailed for COC & auto log TB 12/9/24

Received/Inspected By: TB Date/Time: 12/9/24 10:10
Form F19.01 - Eff 1 Dec 2022



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net

Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X4L0124**

Reported: 23-Dec-24 12:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
GWMW-016-241204	X4L0124-01	Ground Water	04-Dec-24 09:47	MT	09-Dec-2024	
GWMW-031-241204	X4L0124-02	Ground Water	04-Dec-24 10:30	MT	09-Dec-2024	

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

Analyses were performed in accordance with SVL standard operating procedures and calibrations were performed and met SVL internal QC criteria.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of SVL Analytical, Inc.



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X4L0124**
Reported: 23-Dec-24 12:40

Client Sample ID: **GWMW-016-241204**

Sampled: 04-Dec-24 09:47

Received: 09-Dec-24

Sampled By: MT

SVL Sample ID: **X4L0124-01 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X450179	MAC	12/17/24 15:18	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.561	mg/L	0.0040	0.0019		X450218	SJN	12/20/24 13:04	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X450218	SJN	12/20/24 13:04	
EPA 6010D	Manganese	0.491	mg/L	0.0080	0.0034		X450218	SJN	12/20/24 13:04	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X450218	SJN	12/20/24 13:04	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X450218	SJN	12/20/24 13:04	
EPA 6020B	Arsenic	0.0641	mg/L	0.00100	0.00021		X450220	SMU	12/20/24 15:18	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.428	mg/L	0.030	0.013		X450060	JPM	12/11/24 09:39	
SM 5310B	Total Organic Carbon	25.9	mg/L	1.00	0.38		X450124	MWD	12/11/24 23:24	

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

Tawnya M. Hall

Project Manager Assistant



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X4L0124**

Reported: 23-Dec-24 12:40

Client Sample ID: **GWMW-031-241204**

Sampled: 04-Dec-24 10:30

Received: 09-Dec-24

Sampled By: MT

SVL Sample ID: **X4L0124-02 (Ground Water)****Sample Report Page 1 of 1**

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total)										
EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X450179	MAC	12/17/24 15:20	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.0913	mg/L	0.0040	0.0019		X450218	SJN	12/20/24 13:08	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X450218	SJN	12/20/24 13:08	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X450218	SJN	12/20/24 13:08	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X450218	SJN	12/20/24 13:08	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X450218	SJN	12/20/24 13:08	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X450220	SMU	12/20/24 15:28	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X450060	JPM	12/11/24 09:42	
SM 2320 B	Total Alkalinity	139	mg/L as CaCO3	1.0			X450075	MWD	12/16/24 12:36	
SM 2320 B	Bicarbonate	139	mg/L as CaCO3	1.0			X450075	MWD	12/16/24 12:36	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X450075	MWD	12/16/24 12:36	
SM 2540 C	Total Diss. Solids	213	mg/L	10			X450014	TJL	12/11/24 12:55	
SM 5310B	Total Organic Carbon	3.61	mg/L	1.00	0.38		X450124	MWD	12/11/24 23:44	
Anions by Ion Chromatography										
EPA 300.0	Chloride	11.2	mg/L	0.20	0.02		X450022	RS	12/11/24 03:01	
EPA 300.0	Nitrate as N	0.999	mg/L	0.050	0.013		X450022	RS	12/11/24 03:01	H3
EPA 300.0	Sulfate as SO4	2.62	mg/L	0.30	0.18		X450022	RS	12/11/24 03:01	

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

Tawnya M. Hall

Project Manager Assistant

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X4L0124**
Reported: 23-Dec-24 12:40**Quality Control - BLANK Data**

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total)								
EPA 7470A	Mercury	mg/L	<0.000200	0.000093	0.000200	X450179	17-Dec-24	
Metals (Total Recoverable)								
EPA 6010D	Barium	mg/L	<0.0040	0.0019	0.0040	X450218	20-Dec-24	
EPA 6010D	Lead	mg/L	<0.0150	0.0049	0.0150	X450218	20-Dec-24	
EPA 6010D	Manganese	mg/L	<0.0080	0.0034	0.0080	X450218	20-Dec-24	
EPA 6010D	Vanadium	mg/L	<0.0050	0.0019	0.0050	X450218	20-Dec-24	
EPA 6010D	Zinc	mg/L	<0.0100	0.0054	0.0100	X450218	20-Dec-24	
EPA 6020B	Arsenic	mg/L	<0.00100	0.00021	0.00100	X450220	20-Dec-24	
Classical Chemistry Parameters								
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X450060	11-Dec-24	
SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	<1.0		1.0	X450075	16-Dec-24	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	<1.0		1.0	X450075	16-Dec-24	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0		1.0	X450075	16-Dec-24	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X450014	11-Dec-24	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X450124	11-Dec-24	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X450124	11-Dec-24	
Anions by Ion Chromatography								
EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X450022	10-Dec-24	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X450022	10-Dec-24	
EPA 300.0	Sulfate as SO ₄	mg/L	<0.30	0.18	0.30	X450022	10-Dec-24	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total)									
EPA 7470A	Mercury	mg/L	0.00196	0.00200	97.9	80 - 120	X450179	17-Dec-24	
Metals (Total Recoverable)									
EPA 6010D	Barium	mg/L	1.00	1.00	100	80 - 120	X450218	20-Dec-24	
EPA 6010D	Lead	mg/L	0.977	1.00	97.7	80 - 120	X450218	20-Dec-24	
EPA 6010D	Manganese	mg/L	0.989	1.00	98.9	80 - 120	X450218	20-Dec-24	
EPA 6010D	Vanadium	mg/L	1.02	1.00	102	80 - 120	X450218	20-Dec-24	
EPA 6010D	Zinc	mg/L	0.971	1.00	97.1	80 - 120	X450218	20-Dec-24	
EPA 6020B	Arsenic	mg/L	0.0231	0.0250	92.2	80 - 120	X450220	20-Dec-24	
Classical Chemistry Parameters									
EPA 350.1	Ammonia as N	mg/L	1.04	1.00	104	90 - 110	X450060	11-Dec-24	
SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	10.1	9.93	102	96.4 - 105	X450075	16-Dec-24	
SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	100	99.3	101	96.4 - 105	X450075	16-Dec-24	
SM 5310B	Total Organic Carbon	mg/L	34.0	34.3	99.1	90 - 110	X450124	11-Dec-24	
SM 5310B	Total Organic Carbon	mg/L	34.1	34.3	99.5	90 - 110	X450124	11-Dec-24	
Anions by Ion Chromatography									
EPA 300.0	Chloride	mg/L	2.98	3.00	99.4	90 - 110	X450022	10-Dec-24	
EPA 300.0	Nitrate as N	mg/L	1.96	2.00	98.1	90 - 110	X450022	10-Dec-24	
EPA 300.0	Sulfate as SO ₄	mg/L	10.2	10.0	102	90 - 110	X450022	10-Dec-24	

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X4L0124**

Reported: 23-Dec-24 12:40

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	102	102	0.0	20	X450075 - X4L0090-02	16-Dec-24	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	102	102	0.0	20	X450075 - X4L0090-02	16-Dec-24	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0	<1.0	UDL	20	X450075 - X4L0090-02	16-Dec-24	
SM 2540 C	Total Diss. Solids	mg/L	334	335	0.3	10	X450014 - X4L0112-03	11-Dec-24	
SM 2540 C	Total Diss. Solids	mg/L	351	370	5.3	10	X450014 - X4L0110-01	11-Dec-24	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	mg/L	0.00200	<0.000200	0.00200	100	80 - 120	X450179 - X4L0124-02	17-Dec-24	
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Metals (Total Recoverable)

EPA 6010D	Barium	mg/L	1.57	0.561	1.00	100	75 - 125	X450218 - X4L0124-01	20-Dec-24	
EPA 6010D	Lead	mg/L	0.928	<0.0150	1.00	92.8	75 - 125	X450218 - X4L0124-01	20-Dec-24	
EPA 6010D	Manganese	mg/L	1.47	0.491	1.00	97.5	75 - 125	X450218 - X4L0124-01	20-Dec-24	
EPA 6010D	Vanadium	mg/L	1.03	<0.0050	1.00	103	75 - 125	X450218 - X4L0124-01	20-Dec-24	
EPA 6010D	Zinc	mg/L	0.920	<0.0100	1.00	92.0	75 - 125	X450218 - X4L0124-01	20-Dec-24	
EPA 6020B	Arsenic	mg/L	0.0892	0.0641	0.0250	101	75 - 125	X450220 - X4L0124-01	20-Dec-24	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.15	<0.030	1.00	115	90 - 110	X450060 - X4L0102-12	11-Dec-24	M1
EPA 350.1	Ammonia as N	mg/L	1.27	<0.030	1.00	127	90 - 110	X450060 - X4L0102-11	11-Dec-24	M1
SM 5310B	Total Organic Carbon	mg/L	12.4	2.69	10.0	96.8	80 - 120	X450124 - X4K0359-01	11-Dec-24	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	3.90	0.98	3.00	97.4	90 - 110	X450022 - X4L0093-01	10-Dec-24	
EPA 300.0	Chloride	mg/L	3.87	0.89	3.00	99.3	90 - 110	X450022 - X4L0093-02	10-Dec-24	
EPA 300.0	Nitrate as N	mg/L	2.00	0.080	2.00	95.9	90 - 110	X450022 - X4L0093-01	10-Dec-24	
EPA 300.0	Nitrate as N	mg/L	1.96	<0.050	2.00	98.1	90 - 110	X450022 - X4L0093-02	10-Dec-24	
EPA 300.0	Sulfate as SO ₄	mg/L	13.1	3.20	10.0	98.8	90 - 110	X450022 - X4L0093-01	10-Dec-24	
EPA 300.0	Sulfate as SO ₄	mg/L	10.6	0.60	10.0	100	90 - 110	X450022 - X4L0093-02	10-Dec-24	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
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Metals (Total)

EPA 7470A	Mercury	mg/L	0.00200	0.00200	0.00200	0.3	20	99.8	X450179 - X4L0124-02	
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Metals (Total Recoverable)

EPA 6010D	Barium	mg/L	1.58	1.57	1.00	1.0	20	102	X450218 - X4L0124-01	
EPA 6010D	Lead	mg/L	0.935	0.928	1.00	0.7	20	93.5	X450218 - X4L0124-01	
EPA 6010D	Manganese	mg/L	1.48	1.47	1.00	1.0	20	99.0	X450218 - X4L0124-01	
EPA 6010D	Vanadium	mg/L	1.04	1.03	1.00	0.5	20	104	X450218 - X4L0124-01	
EPA 6010D	Zinc	mg/L	0.931	0.920	1.00	1.3	20	93.1	X450218 - X4L0124-01	
EPA 6020B	Arsenic	mg/L	0.0900	0.0892	0.0250	0.8	20	104	X450220 - X4L0124-01	



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X4L0124**

Reported: 23-Dec-24 12:40

Quality Control - MATRIX SPIKE DUPLICATE Data				(Continued)						
Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.05	1.15	1.00	9.7	20	105	X450060 - X4L0102-12	
SM 5310B	Total Organic Carbon	mg/L	12.3	12.4	10.0	0.4	20	96.3	X450124 - X4K0359-01	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	3.96	3.90	3.00	1.6	20	99.5	X450022 - X4L0093-01	
EPA 300.0	Nitrate as N	mg/L	2.04	2.00	2.00	2.3	20	98.2	X450022 - X4L0093-01	
EPA 300.0	Sulfate as SO ₄	mg/L	13.3	13.1	10.0	1.7	20	101	X450022 - X4L0093-01	



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X4L0124**

Reported: 23-Dec-24 12:40

Notes and Definitions

H3	Sample was received and/or analysis requested past holding time.
M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
0.30R>S	% recovery not applicable; spike level is less than 30% of the sample concentration
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

Work Order: **X4L0124**
Spokane County Environmental Services (C



CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES

22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005

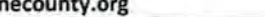
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

DATE: 12/4/2024

NUMBER OF COOLERS: 1 COOLER

PAGE 1 OF 1

0.8c

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mterris@spokanecounty.org	
RELINQUISHED BY	RECEIVED BY
SIGNATURE: 	SIGNATURE: 
DATE: 12/4/2024	DATE: 12/9/24 1055
PRINT NAME: Mike S Terris	PRINT NAME: Melissa DiGiovanni
TIME: 1400	TIME: 1055
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE	COMPANY: SVL

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 12/9/24

By: Melissa D

SVL Work No: X420124

Item	Description	V	NA	Comments
1	Client or project name	✓		Spokane County
2	Date and time of receipt at lab	✓		12/9/24 1055
3	Received by	✓		mmu
4	Temperature blank or cooler temperature	✓		Temp. 0.8°C T098/T126
5	Were the sample(s) received on ice	✓		
6	Custody tape/bottle seals	✓		
7	Shipper's air bill	✓		
8	Condition of samples upon receipt (leaking; bubbles in VOA vials)	✓		
9	Analysis requested for each sample	✓		
10	Sample matrix description	✓		
11	The correct preservative for the analysis requested	✓		
12	Did an SVL employee preserve sample(s) upon receipt		✓	
13	Additional Information		✓	

V- Verified NA- Not Applicable

Comments:



A5645106762

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X5C0042**
Reported: 18-Mar-25 15:28**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
GWDW-001-250304	X5C0042-01	Ground Water	04-Mar-25 08:56	MT/GF/C C	05-Mar-2025	
GWDW-002-250304	X5C0042-02	Ground Water	04-Mar-25 10:16	MT/GF/C C	05-Mar-2025	
GWDW-003-250304	X5C0042-03	Ground Water	04-Mar-25 12:01	MT/GF/C C	05-Mar-2025	
GWMS-004-250304	X5C0042-04	Ground Water	04-Mar-25 13:56	MT/GF/C C	05-Mar-2025	
GWMW-009-250304	X5C0042-05	Ground Water	04-Mar-25 10:49	MT/GF/C C	05-Mar-2025	
GWMW-010-250304	X5C0042-06	Ground Water	04-Mar-25 09:57	MT/GF/C C	05-Mar-2025	
GWMS-005-250304	X5C0042-07	Ground Water	04-Mar-25 13:06	MT/GF/C C	05-Mar-2025	
GWMW-013-250304	X5C0042-08	Ground Water	04-Mar-25 10:30	MT/GF/C C	05-Mar-2025	
GWMW-014-250304	X5C0042-09	Ground Water	04-Mar-25 11:45	MT/GF/C C	05-Mar-2025	
GWMW-020-250304	X5C0042-10	Ground Water	04-Mar-25 13:45	MT/GF/C C	05-Mar-2025	
GWMW-031-250304	X5C0042-11	Ground Water	04-Mar-25 12:10	MT/GF/C C	05-Mar-2025	
GWMW-019R-250304	X5C0042-12	Ground Water	04-Mar-25 15:45	MT/GF/C C	05-Mar-2025	
MWS-1-1-250304	X5C0042-13	Ground Water	04-Mar-25 09:46	MT/GF/C C	05-Mar-2025	

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

Analyses were performed in accordance with SVL standard operating procedures and calibrations were performed and met SVL internal QC criteria.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWDW-001-250304**

Sampled: 04-Mar-25 08:56

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-01 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	143	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 14:45	
SM 2320 B	Bicarbonate	143	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 14:45	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 14:45	

Anions by Ion Chromatography

EPA 300.0	Chloride	17.7	mg/L	2.00	0.22	10	X510147	RS	03/05/25 15:27	
EPA 300.0	Nitrate as N	0.257	mg/L	0.050	0.013		X510147	RS	03/05/25 15:11	
EPA 300.0	Sulfate as SO4	10.2	mg/L	0.30	0.18		X510147	RS	03/05/25 15:11	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWDW-002-250304**

Sampled: 04-Mar-25 10:16

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-02 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	160	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:00	
SM 2320 B	Bicarbonate	160	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:00	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:00	

Anions by Ion Chromatography

EPA 300.0	Chloride	9.60	mg/L	0.20	0.02		X510147	RS	03/05/25 15:42	
EPA 300.0	Nitrate as N	1.03	mg/L	0.050	0.013		X510147	RS	03/05/25 15:42	
EPA 300.0	Sulfate as SO4	4.96	mg/L	0.30	0.18		X510147	RS	03/05/25 15:42	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWDW-003-250304**

SVL Sample ID: **X5C0042-03 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 04-Mar-25 12:01
Received: 05-Mar-25
Sampled By: MT/GF/CC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	180	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:05	
SM 2320 B	Bicarbonate	180	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:05	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:05	

Anions by Ion Chromatography

EPA 300.0	Chloride	0.82	mg/L	0.20	0.02		X510147	RS	03/05/25 16:13	
EPA 300.0	Nitrate as N	1.42	mg/L	0.050	0.013		X510147	RS	03/05/25 16:13	
EPA 300.0	Sulfate as SO4	1.21	mg/L	0.30	0.18		X510147	RS	03/05/25 16:13	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMS-004-250304**

Sampled: 04-Mar-25 13:56

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-04 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	181	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:11	
SM 2320 B	Bicarbonate	181	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:11	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:11	
SM 2540 C	Total Diss. Solids	309	mg/L	10			X510158	TJL	03/07/25 13:10	
Anions by Ion Chromatography										
EPA 300.0	Chloride	0.71	mg/L	0.20	0.02		X510147	RS	03/05/25 17:15	
EPA 300.0	Nitrate as N	9.96	mg/L	0.500	0.130	10	X510147	RS	03/05/25 17:31	
EPA 300.0	Sulfate as SO4	9.61	mg/L	0.30	0.18		X510147	RS	03/05/25 17:15	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMW-009-250304**

Sampled: 04-Mar-25 10:49

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-05 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	191	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:16	
SM 2320 B	Bicarbonate	191	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:16	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:16	
SM 2540 C	Total Diss. Solids	216	mg/L	10			X510158	TJL	03/07/25 13:10	

Anions by Ion Chromatography

EPA 300.0	Chloride	7.56	mg/L	0.20	0.02		X510147	RS	03/05/25 17:47	
EPA 300.0	Nitrate as N	0.127	mg/L	0.050	0.013		X510147	RS	03/05/25 17:47	
EPA 300.0	Sulfate as SO₄	2.89	mg/L	0.30	0.18		X510147	RS	03/05/25 17:47	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMW-010-250304**

Sampled: 04-Mar-25 09:57

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-06 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	99.6	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:22	
SM 2320 B	Bicarbonate	99.6	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:22	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:22	
SM 2540 C	Total Diss. Solids	130	mg/L	10			X510158	TJL	03/07/25 13:10	
Anions by Ion Chromatography										
EPA 300.0	Chloride	0.57	mg/L	0.20	0.02		X510147	RS	03/05/25 19:20	
EPA 300.0	Nitrate as N	0.234	mg/L	0.050	0.013		X510147	RS	03/05/25 19:20	
EPA 300.0	Sulfate as SO4	0.74	mg/L	0.30	0.18		X510147	RS	03/05/25 19:20	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMS-005-250304**

Sampled: 04-Mar-25 13:06

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-07 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	93.7	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:27	
SM 2320 B	Bicarbonate	93.7	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:27	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:27	
SM 2540 C	Total Diss. Solids	207	mg/L	10			X510158	TJL	03/07/25 13:10	

Anions by Ion Chromatography

EPA 300.0	Chloride	15.8	mg/L	2.00	0.22	10	X510147	RS	03/05/25 20:38	
EPA 300.0	Nitrate as N	1.25	mg/L	0.050	0.013		X510147	RS	03/05/25 20:22	
EPA 300.0	Sulfate as SO₄	11.5	mg/L	0.30	0.18		X510147	RS	03/05/25 20:22	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMW-013-250304**

Sampled: 04-Mar-25 10:30

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-08 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	184	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:32	
SM 2320 B	Bicarbonate	184	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:32	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:32	
SM 2540 C	Total Diss. Solids	255	mg/L	10			X510158	TJL	03/07/25 13:10	

Anions by Ion Chromatography

EPA 300.0	Chloride	7.60	mg/L	0.20	0.02		X510147	RS	03/05/25 20:53	
EPA 300.0	Nitrate as N	0.465	mg/L	0.050	0.013		X510147	RS	03/05/25 20:53	
EPA 300.0	Sulfate as SO₄	2.57	mg/L	0.30	0.18		X510147	RS	03/05/25 20:53	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net

Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMW-014-250304**

SVL Sample ID: **X5C0042-09 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 04-Mar-25 11:45
Received: 05-Mar-25
Sampled By: MT/GF/CC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	80.5	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:37	
SM 2320 B	Bicarbonate	80.5	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:37	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:37	
SM 2540 C	Total Diss. Solids	135	mg/L	10			X510158	TJL	03/07/25 13:10	
Anions by Ion Chromatography										
EPA 300.0	Chloride	0.80	mg/L	0.20	0.02		X510147	RS	03/05/25 21:24	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X510147	RS	03/05/25 21:24	
EPA 300.0	Sulfate as SO4	8.82	mg/L	0.30	0.18		X510147	RS	03/05/25 21:24	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Kellogg, ID 83837-0929

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMW-020-250304**

Sampled: 04-Mar-25 13:45

Received: 05-Mar-25

Sampled By: MT/GF/CC

SVL Sample ID: **X5C0042-10 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	227	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:42	
SM 2320 B	Bicarbonate	227	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:42	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 15:42	
SM 2540 C	Total Diss. Solids	288	mg/L	10			X510158	TJL	03/07/25 13:10	

Anions by Ion Chromatography

EPA 300.0	Chloride	6.86	mg/L	0.20	0.02		X510147	RS	03/05/25 21:40	
EPA 300.0	Nitrate as N	1.75	mg/L	0.050	0.013		X510147	RS	03/05/25 21:40	
EPA 300.0	Sulfate as SO₄	4.38	mg/L	0.30	0.18		X510147	RS	03/05/25 21:40	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMW-031-250304**

SVL Sample ID: **X5C0042-11 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 04-Mar-25 12:10
Received: 05-Mar-25
Sampled By: MT/GF/CC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	52.3	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:48	
SM 2320 B	Bicarbonate	52.3	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:48	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 15:48	
SM 2540 C	Total Diss. Solids	137	mg/L	10			X510158	TJL	03/07/25 13:10	
Anions by Ion Chromatography										
EPA 300.0	Chloride	11.0	mg/L	0.20	0.02		X510147	RS	03/05/25 19:35	
EPA 300.0	Nitrate as N	1.05	mg/L	0.050	0.013		X510147	RS	03/05/25 19:35	
EPA 300.0	Sulfate as SO4	3.55	mg/L	0.30	0.18		X510147	RS	03/05/25 19:35	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **GWMW-019R-250304**

SVL Sample ID: **X5C0042-12 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 04-Mar-25 15:45
Received: 05-Mar-25
Sampled By: MT/GF/CC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	101	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 16:02	
SM 2320 B	Bicarbonate	101	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 16:02	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511007	MWD	03/10/25 16:02	
SM 2540 C	Total Diss. Solids	152	mg/L	10			X510158	TJL	03/07/25 13:10	

Anions by Ion Chromatography

EPA 300.0	Chloride	4.99	mg/L	0.20	0.02		X510147	RS	03/05/25 22:11	
EPA 300.0	Nitrate as N	1.20	mg/L	0.050	0.013		X510147	RS	03/05/25 22:11	
EPA 300.0	Sulfate as SO₄	4.08	mg/L	0.30	0.18		X510147	RS	03/05/25 22:11	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**
Reported: 18-Mar-25 15:28

Client Sample ID: **MWS-1-1-250304**

SVL Sample ID: **X5C0042-13 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 04-Mar-25 09:46
Received: 05-Mar-25
Sampled By: MT/GF/CC

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	160	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 16:07	
SM 2320 B	Bicarbonate	160	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 16:07	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X511007	MWD	03/10/25 16:07	

Anions by Ion Chromatography

EPA 300.0	Chloride	9.85	mg/L	2.00	0.22	10	X510147	RS	03/05/25 23:29	M4
EPA 300.0	Nitrate as N	1.02	mg/L	0.050	0.013		X510147	RS	03/05/25 23:13	
EPA 300.0	Sulfate as SO4	5.17	mg/L	0.30	0.18		X510147	RS	03/05/25 23:13	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X5C0042**

Reported: 18-Mar-25 15:28

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	<1.0		1.0	X511007	10-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	<1.0		1.0	X511007	10-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0		1.0	X511007	10-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X510158	07-Mar-25	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X510147	05-Mar-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X510147	05-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	<0.30	0.18	0.30	X510147	05-Mar-25	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	9.9	9.93	99.7	94 - 106	X511007	10-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	101	99.3	102	94 - 106	X511007	10-Mar-25	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	2.96	3.00	98.6	90 - 110	X510147	05-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.94	2.00	97.1	90 - 110	X510147	05-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	9.76	10.0	97.6	90 - 110	X510147	05-Mar-25	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	191	191	0.3	20	X511007 - X5C0042-05	10-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	191	191	0.3	20	X511007 - X5C0042-05	10-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0	<1.0	UDL	20	X511007 - X5C0042-05	10-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	213	216	1.4	10	X510158 - X5C0042-05	07-Mar-25	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
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Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	10.6	7.56	3.00	102	90 - 110	X510147 - X5C0042-05	05-Mar-25	
EPA 300.0	Chloride	mg/L	12.3	9.85	3.00	81.9	90 - 110	X510147 - X5C0042-13	06-Mar-25	M4
EPA 300.0	Nitrate as N	mg/L	2.07	0.127	2.00	97.2	90 - 110	X510147 - X5C0042-05	05-Mar-25	
EPA 300.0	Nitrate as N	mg/L	2.99	1.02	2.00	98.6	90 - 110	X510147 - X5C0042-13	05-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	12.9	2.89	10.0	100	90 - 110	X510147 - X5C0042-05	05-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	14.9	5.17	10.0	97.5	90 - 110	X510147 - X5C0042-13	05-Mar-25	



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Kellogg, ID 83837-0929

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**

Reported: 18-Mar-25 15:28

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	10.6	10.6	3.00	0.3	20	101	X510147 - X5C0042-05	
EPA 300.0	Nitrate as N	mg/L	2.05	2.07	2.00	1.1	20	96.1	X510147 - X5C0042-05	
EPA 300.0	Sulfate as SO ₄	mg/L	12.8	12.9	10.0	0.7	20	99.2	X510147 - X5C0042-05	



Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0042**

Reported: 18-Mar-25 15:28

Notes and Definitions

M4	The analysis of the spiked sample required a dilution such that the spike recovery calculation does not provide useful information. The LCS recovery was acceptable.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
0.30R>S	% recovery not applicable; spike level is less than 30% of the sample concentration
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLE: Work Order: **X5C0042**
MICA LANDFILL COMPLIANCE MONITORING PROGRAM Spokane County Environmental Services (C
2025



LABORATORY:
SVL ANALYTICAL
ONE GOVERNMENT GULCH
KELLOGG, ID 83837-0929
(208) 784-1258 FAX (208) 783-0891
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

SHIPPING CO: **FED-EX**
SHIPPING #: **806171713196**
NUMBER OF COOLERS: **1**

DATE: **3-4-25**
PAGE **1** OF **2**

PARAMETERS:		MONITORING			RESIDENTIAL		SAMPLERS:		
		TOC	AMMONIA	CI / SO4 / TDS NO3 / ALKALINITY	CI / SO4 / NO3 ALKALINITY	METALS (As / Ba / Pb / Hg Mn / V / Zn)			
		415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/ 300.0 2320B	7060A / 6010B / 7470A			
		1-40 ml.	1-500 ml	1-500 ml	1-500 ml.	1-500 ml.			
		VOC	POLY BOTTLE	POLY BOTTLE	POLY BOTTLE	POLY BOTLE			
METHOD:							M. TERRIS		
BOTTLES:							G. FSETTE		
LAB:							C. CAMPBELL		
PRESERVATION:									
		SVL	SVL	SVL	SVL	SVL			
		HCL pH < 2	H2SO4 pH < 2	UNPRESERVED	UNPRESERVED	HN03 Ph< 2 (NOT FILTERED)	COOLER NUMBER	NUMBER BOTTLES	COMMENTS
SAMPLE IDENTIFICATION	DATE	TIME							
GWDW-001-250304	3-4-25	0856						1	
GWDW-002-250304	3-4-25	1016						1	
GWDW-003-250304	3-4-25	1201						1	
GWMS-004-250304	3-4-25	1356						1	
GWMS-009-250304	3-4-25	1049						3	MS/MSD
GWMS-010-250304	3-4-25	0957						1	
GWMS-005-250304	3-4-25	1306						1	
GWMS-013-250304	3-4-25	1030						1	
GWMS-014-250304	3-4-25	1145						1	
GWMS-020-250304	3-4-25	1345						1	
GWMS-031-250304	3-4-25	1210						1	

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mtorris@spokanecounty.org

RELINQUISHED BY

SIGNATURE: *Mike S. Terris*

PRINT NAME: **MIKE S. TERRIS**

COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

DATE: **3-4-2025**
TIME: **1515**

RECEIVED BY

SIGNATURE: *Megan Bircher*

PRINT NAME:

COMPANY: **SVL**

DATE: **3/5/25**
TIME: **1015**

1-2°C

Work Order: **X5C0042**
Spokane County Environmental Services (C



CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROW RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

DATE: 3/4/2025
PAGE 2 OF 2

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mterris@spokanecounty.org		1.2°C
RELINQUISHED BY		RECEIVED BY
SIGNATURE: <i>Mike S. Terris</i>	DATE: 3-4-2025	SIGNATURE: <i>Megan Bircher</i>
PRINT NAME: MIKE S. TERRIS	TIME: 1515	PRINT NAME: Megan Bircher
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE		COMPANY: SCL

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 3/5/25

By: MB

SVL Work No: X5C0042

Item	Description	V	NA	Comments
1	Client or project name	✓		Spokane County
2	Date and time of receipt at lab	✓		3/5/25 09:10/5
3	Received by	✓		MB
4	Temperature blank or cooler temperature	✓		Temp. 2 °C T098/T126
5	Were the sample(s) received on ice	✓		
6	Custody tape/bottle seals	✓		
7	Shipper's air bill	✓		Fed Ex 806/7171 3196
8	Condition of samples upon receipt (leaking; bubbles in VOA vials)	✓		good
9	Analysis requested for each sample	✓		
10	Sample matrix description	✓		
11	The correct preservative for the analysis requested	✓		
12	Did an SVL employee preserve sample(s) upon receipt		✓	
13	Additional Information		✓	

V- Verified NA- Not Applicable

Comments:



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0082**
Reported: 14-Mar-25 15:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
GWMW-023-250305	X5C0082-01	Ground Water	05-Mar-25 09:31	MT/GF	06-Mar-2025	
GWMW-016-250305	X5C0082-02	Ground Water	05-Mar-25 11:23	MT/GF	06-Mar-2025	
MWS-1-2-250305	X5C0082-03	Ground Water	05-Mar-25 09:47	MT/GF	06-Mar-2025	

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

Analyses were performed in accordance with SVL standard operating procedures and calibrations were performed and met SVL internal QC criteria.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0082**
Reported: 14-Mar-25 15:56

Client Sample ID: **GWMW-023-250305**

Sampled: 05-Mar-25 09:31

Received: 06-Mar-25

Sampled By: MT/GF

SVL Sample ID: **X5C0082-01 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	296	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:36	
SM 2320 B	Bicarbonate	296	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:36	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:36	
SM 2540 C	Total Diss. Solids	437	mg/L	10			X510227	TJL	03/10/25 13:00	

Anions by Ion Chromatography

EPA 300.0	Chloride	38.1	mg/L	2.00	0.22	10	X510200	RS	03/06/25 21:27	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X510200	RS	03/06/25 21:11	
EPA 300.0	Sulfate as SO₄	7.90	mg/L	0.30	0.18		X510200	RS	03/06/25 21:11	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0082**
Reported: 14-Mar-25 15:56

Client Sample ID: **GWMW-016-250305**

Sampled: 05-Mar-25 11:23

Received: 06-Mar-25

Sampled By: MT/GF

SVL Sample ID: **X5C0082-02 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	1250	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:42	
SM 2320 B	Bicarbonate	1250	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:42	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:42	
SM 2540 C	Total Diss. Solids	1380	mg/L	40			X510227	TJL	03/10/25 13:00	

Anions by Ion Chromatography

EPA 300.0	Chloride	154	mg/L	10.0	1.10	50	X510200	RS	03/06/25 21:58	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X510200	RS	03/06/25 21:42	
EPA 300.0	Sulfate as SO ₄	< 0.30	mg/L	0.30	0.18		X510200	RS	03/06/25 21:42	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net

Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0082**
Reported: 14-Mar-25 15:56

Client Sample ID: **MWS-1-2-250305**

SVL Sample ID: **X5C0082-03 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 05-Mar-25 09:47
Received: 06-Mar-25
Sampled By: MT/GF

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Classical Chemistry Parameters										
SM 2320 B	Total Alkalinity	290	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:48	
SM 2320 B	Bicarbonate	290	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:48	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X511087	MWD	03/13/25 12:48	
SM 2540 C	Total Diss. Solids	396	mg/L	10			X510227	TJL	03/10/25 13:00	
Anions by Ion Chromatography										
EPA 300.0	Chloride	38.2	mg/L	2.00	0.22	10	X510200	RS	03/06/25 22:29	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X510200	RS	03/06/25 22:14	
EPA 300.0	Sulfate as SO₄	7.93	mg/L	0.30	0.18		X510200	RS	03/06/25 22:14	

This data has been reviewed for accuracy and has been authorized for release.

Dave Tryon

Dave Tryon

Project Manager

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X5C0082**
Reported: 14-Mar-25 15:56**Quality Control - BLANK Data**

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	<1.0		1.0	X511087	13-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	<1.0		1.0	X511087	13-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0		1.0	X511087	13-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X510227	10-Mar-25	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	<0.20	0.02	0.20	X510200	06-Mar-25	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.013	0.050	X510200	06-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	<0.30	0.18	0.30	X510200	06-Mar-25	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	101	99.3	102	94 - 106	X511087	13-Mar-25	
SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	400	397	101	94 - 106	X511087	13-Mar-25	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	2.94	3.00	98.0	90 - 110	X510200	06-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.94	2.00	97.0	90 - 110	X510200	06-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	9.77	10.0	97.7	90 - 110	X510200	06-Mar-25	

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
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Classical Chemistry Parameters

SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	243	244	0.2	20	X511087 - X5C0062-01	13-Mar-25	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	243	244	0.2	20	X511087 - X5C0062-01	13-Mar-25	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0	<1.0	UDL	20	X511087 - X5C0062-01	13-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	142	142	0.0	10	X510227 - X5C0034-03	10-Mar-25	
SM 2540 C	Total Diss. Solids	mg/L	397	396	0.3	10	X510227 - X5C0082-03	10-Mar-25	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
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Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	2.96	<0.20	3.00	96.0	90 - 110	X510200 - X5C0051-02	06-Mar-25	
EPA 300.0	Chloride	mg/L	3.78	0.91	3.00	95.5	90 - 110	X510200 - X5C0036-02	06-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.97	<0.050	2.00	96.5	90 - 110	X510200 - X5C0051-02	06-Mar-25	
EPA 300.0	Nitrate as N	mg/L	1.96	<0.050	2.00	96.3	90 - 110	X510200 - X5C0036-02	06-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	9.65	<0.30	10.0	96.5	90 - 110	X510200 - X5C0051-02	06-Mar-25	
EPA 300.0	Sulfate as SO ₄	mg/L	11.3	1.66	10.0	96.1	90 - 110	X510200 - X5C0036-02	06-Mar-25	



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0082**
Reported: 14-Mar-25 15:56

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	3.04	2.96	3.00	2.9	20	98.9	X510200 - X5C0051-02	
EPA 300.0	Nitrate as N	mg/L	2.02	1.97	2.00	2.5	20	99.0	X510200 - X5C0051-02	
EPA 300.0	Sulfate as SO ₄	mg/L	9.88	9.65	10.0	2.4	20	98.8	X510200 - X5C0051-02	



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0082**

Reported: 14-Mar-25 15:56

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
0.30R>S	% recovery not applicable; spike level is less than 30% of the sample concentration
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

**SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025**

Work Order: **X5C0082**
Spokane County Environmental Services (C



LABORATORY: *
SVL ANALYTICAL
ONE GOVERNMENT GULCH
KELLOGG, ID 83837-0929
(208) 784-1258 FAX (208) 783-0891
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

SHIPPING CO: **FED-EX**
SHIPPING #: **806171707113**
NUMBER OF COOLERS: **1**

DATE: **3/5/2025**
PAGE 1 OF 1

1.0c

			MONITORING			RESIDENTIAL					
PARAMETERS:			TOC	AMMONIA	Cl / SO4 / TDS NO3 / ALKALINITY	Cl / SO4 / NO3 ALKALINITY	METALS (As / Ba / Pb / Hg Mn / V / Zn)	SAMPLERS:			
METHOD:			415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/ 300.0 2320B	7060A / 6010B / 7470A	G. Fiset			
BOTTLES:			1-40 ml.	1-500 ml	1-500 ml	1-500 ml.	1-500 ml.	M. Terris			
LAB:			VOC	POLY BOTTLE	POLY BOTTLE	POLY BOTTLE	POLY BOTLE				
PRESERVATION:			SVL	SVL	SVL	SVL	SVL				
			HCL pH < 2	H2SO4 pH < 2	UNPRESERVED	UNPRESERVED	HN03 Ph< 2 (NOT FILTERED)	COOLER NUMBER	NUMBER BOTTLES	COMMENTS	
SAMPLE IDENTIFICATION	DATE	TIME									
GW MW-023-250305	3-5-25	0931			XXXX				1		
GW MW-016-250305	3-5-25	1123			XXXX				1		
MWS-1-2-250305	3-5-25	0947			XXXX				1		

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mtorris@spokanecounty.org

RELINQUISHED BY
SIGNATURE:
PRINT NAME: **MIKE S. TERRIS**
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

DATE: **3-5-2025**
TIME: **1430**

RECEIVED BY:
SIGNATURE: **Melissa DiGiovanni**
PRINT NAME: **Melissa DiGiovanni**
COMPANY: **SVL**

DATE: **3/6/25**
TIME: **1045**

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

Date of acceptance: 3/6/25 By: Melissa D

SVL Work No: X5C 0082

Item	Description	V	NA	Comments
1	Client or project name	✓		Spokane County Enviro (Colbert)
2	Date and time of receipt at lab	✓		3/6/25 1045
3	Received by	✓		mmo
4	Temperature blank or cooler temperature	✓		Temp. 1.0°C T098/T126
5	Were the sample(s) received on ice	✓		
6	Custody tape/bottle seals	✓		
7	Shipper's air bill	✓		806171707113 Fed Ex
8	Condition of samples upon receipt (leaking; bubbles in VOA vials)	✓		
9	Analysis requested for each sample	✓		
10	Sample matrix description	✓		
11	The correct preservative for the analysis requested	✓		
12	Did an SVL employee preserve sample(s) upon receipt		✓	
13	Additional Information		✓	

V- Verified NA- Not Applicable

Comments:

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X5C0086**
Reported: 25-Mar-25 10:53**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
GWDW-001-250304	X5C0086-01	Ground Water	04-Mar-25 08:56	CC/GF/ MT	06-Mar-2025	
GWDW-002-250304	X5C0086-02	Ground Water	04-Mar-25 10:16	CC/GF/ MT	06-Mar-2025	
GWDW-003-250304	X5C0086-03	Ground Water	04-Mar-25 12:01	CC/GF/ MT	06-Mar-2025	
MWS-1-1-250304	X5C0086-04	Ground Water	04-Mar-25 09:46	CC/GF/ MT	06-Mar-2025	
GWMS-004-250304	X5C0086-05	Ground Water	04-Mar-25 13:56	CC/GF/ MT	06-Mar-2025	
GWMS-005-250304	X5C0086-06	Ground Water	04-Mar-25 13:06	CC/GF/ MT	06-Mar-2025	
GWMW-009-250304	X5C0086-07	Ground Water	04-Mar-25 10:49	CC/GF/ MT	06-Mar-2025	
GWMW-010-250304	X5C0086-08	Ground Water	04-Mar-25 09:57	CC/GF/ MT	06-Mar-2025	
GWMW-013-250304	X5C0086-09	Ground Water	04-Mar-25 10:30	CC/GF/ MT	06-Mar-2025	
GWMW-014-250304	X5C0086-10	Ground Water	04-Mar-25 11:45	CC/GF/ MT	06-Mar-2025	
GWMW-019R-250304	X5C0086-11	Ground Water	04-Mar-25 13:45	CC/GF/ MT	06-Mar-2025	
GWMW-020-250304	X5C0086-12	Ground Water	04-Mar-25 13:45	CC/GF/ MT	06-Mar-2025	
GWMW-031-250304	X5C0086-13	Ground Water	04-Mar-25 12:10	CC/GF/ MT	06-Mar-2025	
GWMW-016-250305	X5C0086-14	Ground Water	05-Mar-25 11:23	CC/GF/ MT	06-Mar-2025	
GWMW-023-250305	X5C0086-15	Ground Water	05-Mar-25 09:31	CC/GF/ MT	06-Mar-2025	
MWS-1-2-250305	X5C0086-16	Ground Water	05-Mar-25 09:47	CC/GF/ MT	06-Mar-2025	

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

Analyses were performed in accordance with SVL standard operating procedures and calibrations were performed and met SVL internal QC criteria.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted. This report shall not be reproduced except in full, without the written approval of SVL Analytical, Inc.



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**

Reported: 25-Mar-25 10:53

Case Narrative: X5C0086

TMH 3/25/25 This report is reissued, providing a valid result for TOC for sample 1-16. Upon internal review, more than 10 samples were ran in between instrument QC blocks during the initially reported analysis. Since the original is invalid, only the reanalysis is reported.



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWDW-001-250304**

Sampled: 04-Mar-25 08:56

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-01 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:04	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0232	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 11:45	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 11:45	
EPA 6010D	Manganese	0.0129	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 11:45	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 11:45	
EPA 6010D	Zinc	0.137	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 11:45	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:12	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.068	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:28	
SM 5310B	Total Organic Carbon	1.30	mg/L	1.00	0.38		X513033	RS	03/24/25 20:07	N1

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

Tawnya M. Hall

Project Manager Assistant



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWDW-002-250304**

Sampled: 04-Mar-25 10:16

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-02 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:06	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0390	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 11:49	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 11:49	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 11:49	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 11:49	
EPA 6010D	Zinc	0.0301	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 11:49	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:14	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.070	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:30	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X513033	RS	03/24/25 20:27	N1

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

Tawnya M. Hall

Project Manager Assistant



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Kellogg, ID 83837-0929

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWDW-003-250304**

Sampled: 04-Mar-25 12:01

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-03 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:08	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0273	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 11:53	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 11:53	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 11:53	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 11:53	
EPA 6010D	Zinc	0.0744	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 11:53	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:15	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.062	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:33	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X513033	RS	03/24/25 20:46	N1

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

Tawnya M. Hall

Project Manager Assistant



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **MWS-1-1-250304**

Sampled: 04-Mar-25 09:46

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-04 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:11	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0395	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 11:57	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 11:57	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 11:57	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 11:57	
EPA 6010D	Zinc	0.0300	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 11:57	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:17	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.031	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:35	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X513033	RS	03/24/25 21:05	N1

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

Tawnya M. Hall

Project Manager Assistant



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMS-004-250304**

Sampled: 04-Mar-25 13:56

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-05 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	0.000571	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:13	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0899	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 12:01	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 12:01	
EPA 6010D	Manganese	0.0097	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 12:01	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 12:01	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 12:01	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:18	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.059	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:37	
SM 5310B	Total Organic Carbon	1.36	mg/L	1.00	0.38		X513033	RS	03/24/25 22:03	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMS-005-250304**

Sampled: 04-Mar-25 13:06

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-06 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:19	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0376	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 12:05	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 12:05	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 12:05	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 12:05	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 12:05	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:20	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:50	
SM 5310B	Total Organic Carbon	1.21	mg/L	1.00	0.38		X513033	RS	03/24/25 22:23	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-009-250304**

Sampled: 04-Mar-25 10:49

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-07 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:21	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.114	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 12:49	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 12:49	
EPA 6010D	Manganese	0.251	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 12:49	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 12:49	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 12:49	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:21	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:52	
SM 5310B	Total Organic Carbon	2.28	mg/L	1.00	0.38		X513033	RS	03/24/25 22:42	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-010-250304**

Sampled: 04-Mar-25 09:57

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-08 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:23	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0462	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 12:53	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 12:53	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 12:53	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 12:53	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 12:53	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:33	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.068	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:54	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X513033	RS	03/24/25 23:01	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-013-250304**

Sampled: 04-Mar-25 10:30

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-09 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:25	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0457	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 12:57	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 12:57	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 12:57	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 12:57	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 12:57	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:34	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.075	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:57	
SM 5310B	Total Organic Carbon	1.11	mg/L	1.00	0.38		X513033	RS	03/24/25 23:21	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-014-250304**

Sampled: 04-Mar-25 11:45

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-10 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:28	
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Metals (Total Recoverable)

EPA 6010D	Barium	< 0.0040	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 13:06	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 13:06	
EPA 6010D	Manganese	0.122	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 13:06	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 13:06	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 13:06	
EPA 6020B	Arsenic	0.00101	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:36	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.033	mg/L	0.030	0.013		X511015	JPM	03/12/25 09:59	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X513033	RS	03/24/25 23:41	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-019R-250304**

Sampled: 04-Mar-25 13:45

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-11 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:30	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0304	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 13:13	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 13:13	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 13:13	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 13:13	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 13:13	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:37	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.069	mg/L	0.030	0.013		X511015	JPM	03/12/25 10:02	
SM 5310B	Total Organic Carbon	1.27	mg/L	1.00	0.38		X513033	RS	03/25/25 00:00	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-020-250304**

Sampled: 04-Mar-25 13:45

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-12 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:32	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.193	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 13:17	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 13:17	
EPA 6010D	Manganese	0.0633	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 13:17	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 13:17	
EPA 6010D	Zinc	0.0226	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 13:17	
EPA 6020B	Arsenic	0.00140	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:39	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.031	mg/L	0.030	0.013		X511015	JPM	03/12/25 10:04	
SM 5310B	Total Organic Carbon	1.30	mg/L	1.00	0.38		X513033	RS	03/25/25 00:57	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-031-250304**

Sampled: 04-Mar-25 12:10

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-13 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:34	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.0504	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 13:20	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 13:20	
EPA 6010D	Manganese	0.0188	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 13:20	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 13:20	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 13:20	
EPA 6020B	Arsenic	0.00101	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:40	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.061	mg/L	0.030	0.013		X511015	JPM	03/12/25 10:06	
SM 5310B	Total Organic Carbon	5.23	mg/L	1.00	0.38		X513033	RS	03/25/25 01:59	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-016-250305**

Sampled: 05-Mar-25 11:23

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-14 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:36	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.577	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 13:50	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 13:50	
EPA 6010D	Manganese	0.500	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 13:50	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 13:50	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 13:50	
EPA 6020B	Arsenic	0.0670	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:42	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.481	mg/L	0.030	0.013		X511015	JPM	03/12/25 10:09	
SM 5310B	Total Organic Carbon	24.3	mg/L	1.00	0.38		X513033	RS	03/25/25 01:18	N1

This data has been reviewed for accuracy and has been authorized for release.

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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **GWMW-023-250305**

Sampled: 05-Mar-25 09:31

Received: 06-Mar-25

Sampled By: CC/GF/MT

SVL Sample ID: **X5C0086-15 (Ground Water)**

Sample Report Page 1 of 1

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Metals (Total)

EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:38	
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Metals (Total Recoverable)

EPA 6010D	Barium	0.112	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 13:28	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 13:28	
EPA 6010D	Manganese	0.932	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 13:28	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 13:28	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 13:28	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:48	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.067	mg/L	0.030	0.013		X511015	JPM	03/12/25 10:11	
SM 5310B	Total Organic Carbon	2.16	mg/L	1.00	0.38		X513033	RS	03/25/25 02:19	N1

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

Tawnya M. Hall

Project Manager Assistant



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net

Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**
Reported: 25-Mar-25 10:53

Client Sample ID: **MWS-1-2-250305**

SVL Sample ID: **X5C0086-16 (Ground Water)**

Sample Report Page 1 of 1

Sampled: 05-Mar-25 09:47
Received: 06-Mar-25
Sampled By: CC/GF/MT

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total)										
EPA 7470A	Mercury	< 0.000200	mg/L	0.000200	0.000093		X511043	SJN	03/17/25 17:45	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.111	mg/L	0.0040	0.0019		X511033	SJN	03/13/25 13:46	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X511033	SJN	03/13/25 13:46	
EPA 6010D	Manganese	0.905	mg/L	0.0080	0.0034		X511033	SJN	03/13/25 13:46	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X511033	SJN	03/13/25 13:46	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X511033	SJN	03/13/25 13:46	
EPA 6020B	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X511037	JRR	03/18/25 10:50	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	0.083	mg/L	0.030	0.013		X511015	JPM	03/12/25 10:24	
SM 5310B	Total Organic Carbon	2.05	mg/L	1.00	0.38		X513033	RS	03/25/25 02:38	N1

This data has been reviewed for accuracy and has been authorized for release.

Tawnya M. Hall

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Project Manager Assistant

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X5C0086**
Reported: 25-Mar-25 10:53**Quality Control - BLANK Data**

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
Metals (Total)								
EPA 7470A	Mercury	mg/L	<0.000200	0.000093	0.000200	X511043	17-Mar-25	
Metals (Total Recoverable)								
EPA 6010D	Barium	mg/L	<0.0040	0.0019	0.0040	X511033	13-Mar-25	
EPA 6010D	Lead	mg/L	<0.0150	0.0049	0.0150	X511033	13-Mar-25	
EPA 6010D	Manganese	mg/L	<0.0080	0.0034	0.0080	X511033	13-Mar-25	
EPA 6010D	Vanadium	mg/L	<0.0050	0.0019	0.0050	X511033	13-Mar-25	
EPA 6010D	Zinc	mg/L	<0.0100	0.0054	0.0100	X511033	13-Mar-25	
EPA 6020B	Arsenic	mg/L	<0.00100	0.00021	0.00100	X511037	18-Mar-25	
Classical Chemistry Parameters								
EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X511015	12-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X512073	19-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X512073	19-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X513033	24-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X513033	24-Mar-25	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
Metals (Total)									
EPA 7470A	Mercury	mg/L	0.00223	0.00200	112	80 - 120	X511043	17-Mar-25	
Metals (Total Recoverable)									
EPA 6010D	Barium	mg/L	0.993	1.00	99.3	80 - 120	X511033	13-Mar-25	
EPA 6010D	Lead	mg/L	1.03	1.00	103	80 - 120	X511033	13-Mar-25	
EPA 6010D	Manganese	mg/L	1.02	1.00	102	80 - 120	X511033	13-Mar-25	
EPA 6010D	Vanadium	mg/L	1.01	1.00	101	80 - 120	X511033	13-Mar-25	
EPA 6010D	Zinc	mg/L	1.02	1.00	102	80 - 120	X511033	13-Mar-25	
EPA 6020B	Arsenic	mg/L	0.0254	0.0250	101	80 - 120	X511037	18-Mar-25	
Classical Chemistry Parameters									
EPA 350.1	Ammonia as N	mg/L	1.01	1.00	101	90 - 110	X511015	12-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	32.7	34.3	95.5	90 - 110	X512073	19-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	33.1	34.3	96.4	90 - 110	X512073	19-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	33.2	34.3	96.8	90 - 110	X513033	24-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	33.1	34.3	96.4	90 - 110	X513033	24-Mar-25	

Quality Control - MATRIX SPIKE Data

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Metals (Total)										
EPA 7470A	Mercury	mg/L	0.00218	<0.000200	0.00200	104	80 - 120	X511043 - X5C0086-07	17-Mar-25	
EPA 7470A	Mercury	mg/L	0.00194	<0.000200	0.00200	96.8	80 - 120	X511043 - X5C0086-14	17-Mar-25	

**Spokane County Environmental Services (Colbert)**22515 N. Elk Chattaroy Road
Colbert, WA 99005Work Order: **X5C0086**

Reported: 25-Mar-25 10:53

Quality Control - MATRIX SPIKE Data (Continued)

Method	Analyte	Units	Spike Result	Sample Result (R)	Spike Level (S)	% Rec.	Acceptance Limits	Batch and Source ID	Analyzed	Notes
Metals (Total Recoverable)										
EPA 6010D	Barium	mg/L	1.10	0.114	1.00	98.3	75 - 125	X511033 - X5C0086-07	13-Mar-25	
EPA 6010D	Lead	mg/L	1.00	<0.0150	1.00	100	75 - 125	X511033 - X5C0086-07	13-Mar-25	
EPA 6010D	Manganese	mg/L	1.25	0.251	1.00	99.7	75 - 125	X511033 - X5C0086-07	13-Mar-25	
EPA 6010D	Vanadium	mg/L	1.01	<0.0050	1.00	100	75 - 125	X511033 - X5C0086-07	13-Mar-25	
EPA 6010D	Zinc	mg/L	1.00	<0.0100	1.00	100	75 - 125	X511033 - X5C0086-07	13-Mar-25	
EPA 6020B	Arsenic	mg/L	0.0259	<0.00100	0.0250	102	75 - 125	X511037 - X5C0086-07	18-Mar-25	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.02	<0.030	1.00	99.0	90 - 110	X511015 - X5C0086-07	12-Mar-25	
EPA 350.1	Ammonia as N	mg/L	1.08	<0.030	1.00	106	90 - 110	X511015 - X5C0086-06	12-Mar-25	
SM 5310B	Total Organic Carbon	mg/L	12.3	2.28	10.0	99.8	80 - 120	X513033 - X5C0086-07	24-Mar-25	

Quality Control - MATRIX SPIKE DUPLICATE Data

Method	Analyte	Units	MSD Result	Spike Result	Spike Level	RPD	RPD Limit	% Recovery	Batch and Source ID	Notes
Metals (Total)										
EPA 7470A	Mercury	mg/L	0.00222	0.00218	0.00200	1.9	20	106	X511043 - X5C0086-07	
Metals (Total Recoverable)										
EPA 6010D	Barium	mg/L	1.10	1.10	1.00	0.0	20	98.3	X511033 - X5C0086-07	
EPA 6010D	Lead	mg/L	0.993	1.00	1.00	1.0	20	99.3	X511033 - X5C0086-07	
EPA 6010D	Manganese	mg/L	1.25	1.25	1.00	0.1	20	99.8	X511033 - X5C0086-07	
EPA 6010D	Vanadium	mg/L	1.01	1.01	1.00	0.0	20	100	X511033 - X5C0086-07	
EPA 6010D	Zinc	mg/L	0.990	1.00	1.00	1.4	20	99.0	X511033 - X5C0086-07	
EPA 6020B	Arsenic	mg/L	0.0259	0.0259	0.0250	0.2	20	103	X511037 - X5C0086-07	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.06	1.02	1.00	4.3	20	103	X511015 - X5C0086-07	
SM 5310B	Total Organic Carbon	mg/L	12.2	12.0	10.0	1.5	20	112	X512073 - X5C0086-07	
SM 5310B	Total Organic Carbon	mg/L	12.2	12.3	10.0	0.5	20	99.2	X513033 - X5C0086-07	



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Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X5C0086**

Reported: 25-Mar-25 10:53

Notes and Definitions

N1	See case narrative.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
0.30R>S	% recovery not applicable; spike level is less than 30% of the sample concentration
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable

SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMP
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
 2025

Work Order: **X5C0086**
 Spokane County Environmental Services (C



LABORATORY: *
 SVL ANALYTICAL
 ONE GOVERNMENT GULCH
 KELLOGG, ID 83837-0929
 (208) 784-1258 FAX (208) 783-0891
 ATTENTION: Sample Receiving

CLIENT:
 SPOKANE COUNTY ENVIROMENTAL SERVICES
 22515 N. ELK CHATTAROY RD.
 COLBERT, WASHINGTON 99005
 (509) 238-6607 FAX (509) 238-6812
 MICA (509)924-5223

SHIPPING CO: **UPS**
 SHIPPING #: **A375736296-3**
 NUMBER OF COOLERS: **3 297 2 298 1**

DATE: **3/5/2025**

PAGE 1 OF 2

PARAMETERS:			MONITORING		RESIDENTIAL		METALS (As / Ba / Pb / Hg Mn / V / Zn)	SAMPLERS:		
			TOC	AMMONIA	CI / SO4 / TDS NO3 / ALKALINITY	CI / SO4 / NO3 ALKALINITY		CRAIG C		
			415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/ 300.0 2320B		GORDIE F		
			1-40 ml.	1-500 ml	1-500 ml	1-500 ml.		MIKE T.		
			VOC	POLY BOTTLE	POLY BOTTLE	POLY BOTTLE				
BOTTLES:			SVL	SVL	SVL	SVL	SVL			
LAB:			HCL	H2SO4	UNPRESERVED	UNPRESERVED	HN03 Ph< 2 (NOT FILTERED)	COOLER NUMBER	NUMBER BOTTLES	COMMENTS
PRESERVATION:			pH < 2	pH < 2						
SAMPLE IDENTIFICATION		DATE	TIME							
GWDW-001-250304		3-4-25	0856	X	X		X	141	3	
GWDW-002-250304		3-4-25	1016	X	X		X	141	3	
GWDW-003-250304		3-4-25	1201	X	X		X	141	3	
MWS-1-1-250304		3-4-25	0946	X	X		X	141	3	
GWMS-004-250304		3-4-25	1356	X	X		X	141	3	
GWMS-005-250304		3-4-25	1306	X	X		X	141	3	
GWMW-009-250304		3-4-25	1049	X	X		X	13	9	M5/MSD
GWMW-010-250304		3-4-25	0957	X	X		X	141	3	
GWMW-013-250304		3-4-25	1030	X	X		X	13	3	
GWMW-014-250304		3-4-25	1145	X	X		X	13	3	
GWMW-019R-250304		3-4-25	1345	X	X		X	141	3	

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mtorris@spokanecounty.org

ALL TOC IN COOLERS # 10

RELINQUISHED BY

SIGNATURE: *[Signature]*
 PRINT NAME: **MIKE TERRIS**
 COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

DATE: **3/5/25**
 TIME: **1450**

RECEIVED BY

SIGNATURE: *[Signature]*
 PRINT NAME: **Megan Bircher**
 COMPANY: **SVL**

DATE: **3/6/25**

TIME: **0900**
5.220104

**SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025**

Work Order: **X5C0086**
Spokane County Environmental Services (C



LABORATORY: **X**
SVL ANALYTICAL
ONE GOVERNMENT GULCH
KELLOGG, ID 83837-0929
(208) 784-1258 FAX (208) 783-0891
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509)924-5223

SHIPPING CO: **UPS**
SHIPPING # : **A3757362963**
NUMBER OF COOLERS: **3** *2970* *2981*

DATE: **3/5/2025**
PAGE **2** OF **2**

			MONITORING			RESIDENTIAL					
PARAMETERS:			TOC	AMMONIA	CI / SO4 / TDS NO3 / ALKALINITY	CI / SO4 / NO3 ALKALINITY	METALS (As / Ba / Pb / Hg Mn / V / Zn)	SAMPLERS:			
METHOD:			415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/ 300.0 2320B	7060A / 6010B / 7470A	CRAIG C.			
BOTTLES:			1-40 ml.	1-500 ml	1-500 ml	1-500 ml.	1-500 ml.	GORDIE F			
LAB:			VOC	POLY BOTTLE	POLY BOTTLE	POLY BOTTLE	POLY BOTLE	MIKE T			
PRESERVATION:			SVL	SVL	SVL	SVL	SVL				
			HCL pH < 2	H2SO4 pH < 2	UNPRESERVED	UNPRESERVED	HN03 Ph< 2 (NOT FILTERED)	COOLER NUMBER	NUMBER BOTTLES	COMMENTS	
SAMPLE IDENTIFICATION	DATE	TIME									
GWMW-020-250304	3-4-25	1345	XX	XX			XX	13	3		
GWMW-031-250304	3-4-25	1210	XX	XX			XX	13	3		
GWMW-016-250305	3-5-25	1123	XX	XX			XX	10	3		
GWMW-023-250305	3-5-25	0931	XX	XX			XX	10	3		
GWMW-1-2-250305	3-5-25	0947	XX	XX			XX	10	3		

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP astewart@spokanecounty.org and mtorris@spokanecounty.org **ALL TOX COOLERS #10**

RELINQUISHED BY

SIGNATURE: *[Signature]*
PRINT NAME: **MIKE TERRIS**
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

DATE: **3/5/25**
TIME: **1450**

RECEIVED BY

SIGNATURE: *[Signature]*
PRINT NAME: **Megan Brocher**
COMPANY: **SVL**

DATE: **3/6/25**
TIME: **0900**
5.2°C, 2.0°C, 40.4°C

SAMPLE RECEIPT/CHAIN-OF-CUSTODY CHECKLIST

The following items were checked for completeness, correctness, and compliance to project specifications using the Chain-of-Custody (COC) and other supporting information.

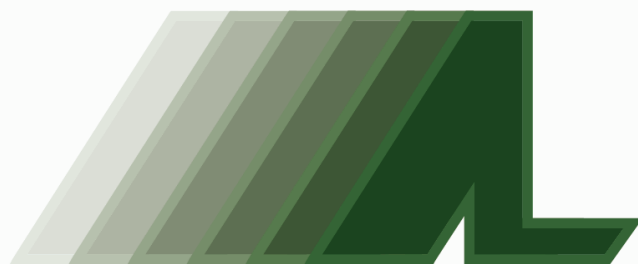
Date of acceptance: 3/6/25 By: MB

SVL Work No: 15C0086

Item	Description	V	NA	Comments
1	Client or project name	✓		Spokane County
2	Date and time of receipt at lab	✓		3/6/25 0900
3	Received by	✓		MB
4	Temperature blank or cooler temperature	✓		Temp 52 °C (1098/1126) 3/6/25 MB
5	Were the sample(s) received on ice	✓		
6	Custody tape/bottle seals	✓		
7	Shipper's air bill	✓		UPS A3757362972
8	Condition of samples upon receipt (leaking; bubbles in VOA vials)	✓		good
9	Analysis requested for each sample	✓		
10	Sample matrix description	✓		
11	The correct preservative for the analysis requested	✓		
12	Did an SVL employee preserve sample(s) upon receipt		✓	
13	Additional Information		✓	

V- Verified NA- Not Applicable

Comments:
 Cooler 2: A3757362981 2.0 °C
 Cooler 3: A3757362963 0.4 °C



ANATEK LABS

Analytical Results Report For:

Spokane County Utilities

Project:

X5C0094

Anatek Work Order:

MFC0219

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Client: Spokane County Utilities
Address: 22515 N. Elk Chattaroy Rd
Colbert, WA 99005
Attn: Dave Tryon

Work Order: MFC0219
Project: X5C0094
Reported: 3/27/2025 12:23

Analytical Results Report

Sample Location: X5C0094-01 (GWDW-001-250304)
Lab/Sample Number: MFC0219-01 **Collect Date:** 03/04/25 08:56
Date Received: 03/06/25 15:54 **Collected By:** MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.489	3/27/25 3:33	MAH	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol	64.9%		48-120	3/27/25 3:33	MAH	EPA 8270E	
Surrogate: 2-Fluorobiphenyl	64.9%		57-113	3/27/25 3:33	MAH	EPA 8270E	
Surrogate: 2-Fluorophenol	64.3%		37-110	3/27/25 3:33	MAH	EPA 8270E	
Surrogate: Nitrobenzene-d5	64.4%		65-110	3/27/25 3:33	MAH	EPA 8270E	S12
Surrogate: Phenol-2,3,4,5,6-d5	60.5%		51-112	3/27/25 3:33	MAH	EPA 8270E	
Surrogate: Terphenyl-d14	87.7%		57-133	3/27/25 3:33	MAH	EPA 8270E	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location: X5C0094-01 (GWDW-001-250304)
Lab/Sample Number: MFC0219-01 Collect Date: 03/04/25 08:56
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
1,4-Dichlorobenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/11/25 23:26	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/11/25 23:26	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/11/25 23:26	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/11/25 23:26	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/11/25 23:26	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/11/25 23:26	BKP	EPA 8260D	

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Sample Location: X5C0094-01 (GWDW-001-250304)
Lab/Sample Number: MFC0219-01 Collect Date: 03/04/25 08:56
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Surrogate: 1,2-Dichlorobenzene-d4	101%		70-130	3/11/25 23:26	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/11/25 23:26	BKP	EPA 8260D	
Surrogate: Toluene-d8	93.7%		70-130	3/11/25 23:26	BKP	EPA 8260D	

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Sample Location: X5C0094-02 (GWDW-002-250304)
Lab/Sample Number: MFC0219-02 Collect Date: 03/04/25 10:16
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.495	3/27/25 4:01	MAH	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol	78.9%		48-120	3/27/25 4:01	MAH	EPA 8270E	
Surrogate: 2-Fluorobiphenyl	79.7%		57-113	3/27/25 4:01	MAH	EPA 8270E	
Surrogate: 2-Fluorophenol	70.2%		37-110	3/27/25 4:01	MAH	EPA 8270E	
Surrogate: Nitrobenzene-d5	78.2%		65-110	3/27/25 4:01	MAH	EPA 8270E	
Surrogate: Phenol-2,3,4,5,6-d5	76.4%		51-112	3/27/25 4:01	MAH	EPA 8270E	
Surrogate: Terphenyl-d14	92.7%		57-133	3/27/25 4:01	MAH	EPA 8270E	

Volatiles

1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/11/25 23:56	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/11/25 23:56	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	

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Sample Location: X5C0094-02 (GWDW-002-250304)
Lab/Sample Number: MFC0219-02 Collect Date: 03/04/25 10:16
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Bromodichloromethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/11/25 23:56	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/11/25 23:56	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/11/25 23:56	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/11/25 23:56	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	101%		70-130	3/11/25 23:56	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/11/25 23:56	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.7%		70-130	3/11/25 23:56	BKP	EPA 8260D	

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Sample Location: X5C0094-03 (GWDW-003-250304)
Lab/Sample Number: MFC0219-03 Collect Date: 03/04/25 12:01
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.487	3/27/25 4:27	MAH	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol	85.9%		48-120	3/27/25 4:27	MAH	EPA 8270E	
Surrogate: 2-Fluorobiphenyl	90.6%		57-113	3/27/25 4:27	MAH	EPA 8270E	
Surrogate: 2-Fluorophenol	82.3%		37-110	3/27/25 4:27	MAH	EPA 8270E	
Surrogate: Nitrobenzene-d5	93.5%		65-110	3/27/25 4:27	MAH	EPA 8270E	
Surrogate: Phenol-2,3,4,5,6-d5	88.6%		51-112	3/27/25 4:27	MAH	EPA 8270E	
Surrogate: Terphenyl-d14	98.8%		57-133	3/27/25 4:27	MAH	EPA 8270E	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 0:26	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 0:26	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	

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Sample Location: X5C0094-03 (GWDW-003-250304)
Lab/Sample Number: MFC0219-03 Collect Date: 03/04/25 12:01
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Bromodichloromethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 0:26	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 0:26	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 0:26	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 0:26	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	102%		70-130	3/12/25 0:26	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/12/25 0:26	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.6%		70-130	3/12/25 0:26	BKP	EPA 8260D	

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Sample Location: X5C0094-04 (MWS-1-1-250304)
Lab/Sample Number: MFC0219-04 Collect Date: 03/04/25 09:46
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.484	3/27/25 4:55	MAH	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol	93.9%		48-120	3/27/25 4:55	MAH	EPA 8270E	
Surrogate: 2-Fluorobiphenyl	92.8%		57-113	3/27/25 4:55	MAH	EPA 8270E	
Surrogate: 2-Fluorophenol	82.3%		37-110	3/27/25 4:55	MAH	EPA 8270E	
Surrogate: Nitrobenzene-d5	91.2%		65-110	3/27/25 4:55	MAH	EPA 8270E	
Surrogate: Phenol-2,3,4,5,6-d5	92.7%		51-112	3/27/25 4:55	MAH	EPA 8270E	
Surrogate: Terphenyl-d14	122%		57-133	3/27/25 4:55	MAH	EPA 8270E	

Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 0:55	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 0:55	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	

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Sample Location: X5C0094-04 (MWS-1-1-250304)
Lab/Sample Number: MFC0219-04 Collect Date: 03/04/25 09:46
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Bromodichloromethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 0:55	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 0:55	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 0:55	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 0:55	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	99.9%		70-130	3/12/25 0:55	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/12/25 0:55	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.9%		70-130	3/12/25 0:55	BKP	EPA 8260D	

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Sample Location: X5C0094-05 (GWMS-004-250304)
Lab/Sample Number: MFC0219-05 Collect Date: 03/04/25 13:56
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.448	3/27/25 5:22	MAH	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol	82.8%		48-120	3/27/25 5:22	MAH	EPA 8270E	
Surrogate: 2-Fluorobiphenyl	76.4%		57-113	3/27/25 5:22	MAH	EPA 8270E	
Surrogate: 2-Fluorophenol	66.0%		37-110	3/27/25 5:22	MAH	EPA 8270E	
Surrogate: Nitrobenzene-d5	74.9%		65-110	3/27/25 5:22	MAH	EPA 8270E	
Surrogate: Phenol-2,3,4,5,6-d5	73.8%		51-112	3/27/25 5:22	MAH	EPA 8270E	
Surrogate: Terphenyl-d14	88.3%		57-133	3/27/25 5:22	MAH	EPA 8270E	

Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,1-Dichloroethane	1.28	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 1:25	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 1:25	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	

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Sample Location: X5C0094-05 (GWMS-004-250304)
Lab/Sample Number: MFC0219-05 Collect Date: 03/04/25 13:56
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Bromodichloromethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Dichlorodifluoromethane	1.75	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 1:25	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 1:25	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 1:25	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 1:25	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	99.3%		70-130	3/12/25 1:25	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	100%		70-130	3/12/25 1:25	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.2%		70-130	3/12/25 1:25	BKP	EPA 8260D	

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Sample Location: X5C0094-06 (GWMS-005-250304)
Lab/Sample Number: MFC0219-06 Collect Date: 03/04/25 13:06
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.491	3/27/25 5:49	MAH	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol	83.4%		48-120	3/27/25 5:49	MAH	EPA 8270E	
Surrogate: 2-Fluorobiphenyl	83.4%		57-113	3/27/25 5:49	MAH	EPA 8270E	
Surrogate: 2-Fluorophenol	66.4%		37-110	3/27/25 5:49	MAH	EPA 8270E	
Surrogate: Nitrobenzene-d5	79.8%		65-110	3/27/25 5:49	MAH	EPA 8270E	
Surrogate: Phenol-2,3,4,5,6-d5	74.0%		51-112	3/27/25 5:49	MAH	EPA 8270E	
Surrogate: Terphenyl-d14	101%		57-133	3/27/25 5:49	MAH	EPA 8270E	

Volatiles

1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 1:55	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 1:55	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	

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Sample Location: X5C0094-06 (GWMS-005-250304)
Lab/Sample Number: MFC0219-06 Collect Date: 03/04/25 13:06
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Bromodichloromethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 1:55	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 1:55	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 1:55	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 1:55	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	102%		70-130	3/12/25 1:55	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/12/25 1:55	BKP	EPA 8260D	
Surrogate: Toluene-d8	93.9%		70-130	3/12/25 1:55	BKP	EPA 8260D	

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Sample Location: X5C0094-07 (GWMW-009-250304)
Lab/Sample Number: MFC0219-07 Collect Date: 03/04/25 10:49
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.500	3/27/25 6:17	MAH	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol	78.4%		48-120	3/27/25 6:17	MAH	EPA 8270E	
Surrogate: 2-Fluorobiphenyl	79.4%		57-113	3/27/25 6:17	MAH	EPA 8270E	
Surrogate: 2-Fluorophenol	67.3%		37-110	3/27/25 6:17	MAH	EPA 8270E	
Surrogate: Nitrobenzene-d5	78.0%		65-110	3/27/25 6:17	MAH	EPA 8270E	
Surrogate: Phenol-2,3,4,5,6-d5	75.1%		51-112	3/27/25 6:17	MAH	EPA 8270E	
Surrogate: Terphenyl-d14	85.7%		57-133	3/27/25 6:17	MAH	EPA 8270E	

Volatiles

1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 2:24	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 2:24	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	

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Sample Location: X5C0094-07 (GWMW-009-250304)
Lab/Sample Number: MFC0219-07 Collect Date: 03/04/25 10:49
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Bromodichloromethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 2:24	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 2:24	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 2:24	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 2:24	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	101%		70-130	3/12/25 2:24	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/12/25 2:24	BKP	EPA 8260D	
Surrogate: Toluene-d8	93.4%		70-130	3/12/25 2:24	BKP	EPA 8260D	

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Sample Location: X5C0094-08 (GWMW-010-250304)
Lab/Sample Number: MFC0219-08 Collect Date: 03/04/25 09:57
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 2:54	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 2:54	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	

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Sample Location: X5C0094-08 (GWMW-010-250304)
Lab/Sample Number: MFC0219-08 Collect Date: 03/04/25 09:57
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 2:54	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 2:54	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 2:54	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 2:54	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	100%		70-130	3/12/25 2:54	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	100%		70-130	3/12/25 2:54	BKP	EPA 8260D	
Surrogate: Toluene-d8	93.8%		70-130	3/12/25 2:54	BKP	EPA 8260D	

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Sample Location: X5C0094-09 (GWMW-013-250304)
Lab/Sample Number: MFC0219-09 Collect Date: 03/04/25 10:30
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,1-Dichloroethane	0.550	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 3:24	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 3:24	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Dichlorodifluoromethane	0.950	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	

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Sample Location: X5C0094-09 (GWMW-013-250304)
Lab/Sample Number: MFC0219-09 Collect Date: 03/04/25 10:30
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 3:24	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 3:24	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 3:24	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 3:24	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	101%		70-130	3/12/25 3:24	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/12/25 3:24	BKP	EPA 8260D	
Surrogate: Toluene-d8	93.9%		70-130	3/12/25 3:24	BKP	EPA 8260D	

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Sample Location: X5C0094-10 (GWMW-014-250304)
Lab/Sample Number: MFC0219-10 Collect Date: 03/04/25 11:45
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 3:54	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 3:54	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	

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Sample Location: X5C0094-10 (GWMW-014-250304)
Lab/Sample Number: MFC0219-10 Collect Date: 03/04/25 11:45
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 3:54	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 3:54	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 3:54	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 3:54	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	99.8%		70-130	3/12/25 3:54	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/12/25 3:54	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.1%		70-130	3/12/25 3:54	BKP	EPA 8260D	

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Sample Location: X5C0094-11 (GWMW-019-R250304)
Lab/Sample Number: MFC0219-11 Collect Date: 03/04/25 13:45
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 4:23	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 4:23	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	

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Sample Location: X5C0094-11 (GWMW-019-R250304)
Lab/Sample Number: MFC0219-11 Collect Date: 03/04/25 13:45
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 4:23	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 4:23	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 4:23	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 4:23	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	102%		70-130	3/12/25 4:23	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	100%		70-130	3/12/25 4:23	BKP	EPA 8260D	
Surrogate: Toluene-d8	93.4%		70-130	3/12/25 4:23	BKP	EPA 8260D	

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Sample Location: X5C0094-12 (GWMW-020-250304)
Lab/Sample Number: MFC0219-12 Collect Date: 03/04/25 13:45
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,1-Dichloroethane	0.640	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 4:53	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 4:53	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Dichlorodifluoromethane	1.43	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	

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Sample Location: X5C0094-12 (GWMW-020-250304)
Lab/Sample Number: MFC0219-12 Collect Date: 03/04/25 13:45
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 4:53	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 4:53	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 4:53	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 4:53	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	101%		70-130	3/12/25 4:53	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/12/25 4:53	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.5%		70-130	3/12/25 4:53	BKP	EPA 8260D	

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Sample Location: X5C0094-13 (GWMW-031-250304)
Lab/Sample Number: MFC0219-13 Collect Date: 03/04/25 12:10
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 7:52	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 7:52	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	

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Sample Location: X5C0094-13 (GWMW-031-250304)
Lab/Sample Number: MFC0219-13 Collect Date: 03/04/25 12:10
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 7:52	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 7:52	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 7:52	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 7:52	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	101%		70-130	3/12/25 7:52	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	99.2%		70-130	3/12/25 7:52	BKP	EPA 8260D	
Surrogate: Toluene-d8	93.9%		70-130	3/12/25 7:52	BKP	EPA 8260D	

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Sample Location: X5C0094-14 (GWMW-016-250305)
Lab/Sample Number: MFC0219-14 Collect Date: 03/05/25 11:23
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,1-Dichloroethane	10.3	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	9.56	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2-Dichloroethane	2.58	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,2-Dichloropropane	16.7	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	3.20	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
1,4-Dichlorobenzene	1.49	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 8:21	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Acetone	25.0	ug/L	25.0	3/12/25 19:56	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Benzene	10.4	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Chlorobenzene	0.960	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Chloroethane	7.68	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
cis-1,2-dichloroethene	0.680	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Dichlorodifluoromethane	3.09	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Ethylbenzene	45.0	ug/L	5.00	3/12/25 19:56	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Isopropylbenzene	5.08	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
m+p-Xylene	35.1	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	

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Sample Location: X5C0094-14 (GWMW-016-250305)
Lab/Sample Number: MFC0219-14 Collect Date: 03/05/25 11:23
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	13.3	ug/L	2.50	3/12/25 8:21	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	9.15	ug/L	2.50	3/12/25 8:21	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 8:21	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Naphthalene	17.2	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
n-Propylbenzene	1.00	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
o-Xylene	15.9	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
p-isopropyltoluene	3.61	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Toluene	4.60	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
trans-1,2-Dichloroethene	1.20	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Trichlorofluoromethane	1.14	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 8:21	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.3%		70-130	3/12/25 8:21	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	104%		70-130	3/12/25 8:21	BKP	EPA 8260D	
Surrogate: Toluene-d8	95.8%		70-130	3/12/25 8:21	BKP	EPA 8260D	

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Sample Location: X5C0094-15 (MWS-1-2-250305)
Lab/Sample Number: MFC0219-15 Collect Date: 03/05/25 09:47
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,1-Dichloroethane	1.28	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 8:51	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 8:51	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Dichlorodifluoromethane	1.00	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	

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Sample Location: X5C0094-15 (MWS-1-2-250305)
Lab/Sample Number: MFC0219-15 Collect Date: 03/05/25 09:47
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 8:51	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 8:51	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 8:51	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 8:51	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.2%		70-130	3/12/25 8:51	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/12/25 8:51	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.0%		70-130	3/12/25 8:51	BKP	EPA 8260D	

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Sample Location: X5C0094-16 (GWMW-023-250305)
Lab/Sample Number: MFC0219-16 Collect Date: 03/05/25 09:31
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,1-Dichloroethane	1.23	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 9:51	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 9:51	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Benzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Dichlorodifluoromethane	0.950	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	

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Sample Location: X5C0094-16 (GWMW-023-250305)
Lab/Sample Number: MFC0219-16 Collect Date: 03/05/25 09:31
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 9:51	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 9:51	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	2.50	3/12/25 9:51	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/12/25 9:51	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	99.9%		70-130	3/12/25 9:51	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	98.5%		70-130	3/12/25 9:51	BKP	EPA 8260D	
Surrogate: Toluene-d8	94.5%		70-130	3/12/25 9:51	BKP	EPA 8260D	

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Sample Location: X5C0094-17 (MWS-2-1-250305)
Lab/Sample Number: MFC0219-17 Collect Date: 03/05/25 00:00
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,1-Dichloroethene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,1-dichloropropene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
1,2-Dichlorobenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,3-Dichlorobenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
1,4-Dichlorobenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
2-Chlorotoluene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/12/25 10:21	BKP	EPA 8260D	
4-Chlorotoluene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Acetone	ND	ug/L	2.50	3/12/25 10:21	BKP	EPA 8260D	
Acrylonitrile	ND	ug/L	2.50	3/12/25 10:21	BKP	EPA 8260D	
Benzene	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Carbon disulfide	ND	ug/L	2.50	3/12/25 10:21	BKP	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
Chlorobenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Chloroform	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
cis-1,2-dichloroethene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
m+p-Xylene	ND	ug/L	1.00	3/12/25 10:21	BKP	EPA 8260D	

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Sample Location: X5C0094-17 (MWS-2-1-250305)
Lab/Sample Number: MFC0219-17 Collect Date: 03/05/25 00:00
Date Received: 03/06/25 15:54 Collected By: MT/GF/CC
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/12/25 10:21	BKP	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/12/25 10:21	BKP	EPA 8260D	
Methylene chloride	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
o-Xylene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Styrene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Tetrachloroethene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Toluene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
trans-1,2-Dichloroethene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/12/25 10:21	BKP	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.200	3/12/25 10:21	BKP	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	99.7%		70-130	3/12/25 10:21	BKP	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	99.7%		70-130	3/12/25 10:21	BKP	EPA 8260D	
Surrogate: Toluene-d8	95.6%		70-130	3/12/25 10:21	BKP	EPA 8260D	

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Authorized Signature,



Justin Doty for Todd Taruscio, Lab Manager

M1	Matrix spike recovery was high; the associated blank spike recovery was acceptable. Potential matrix effect
M2	Matrix spike recovery was low; the associated blank spike recovery was acceptable. Potential matrix effect.
S12	Surrogate recovery was low.
PQL	Practical Quantitation Limit
ND	Not Detected
MCL	EPA's Maximum Contaminant Level
Dry	Sample results reported on a dry weight basis
*	Not a state-certified analyte
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was spiked or duplicated.

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The results reported related only to the samples indicated.

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Quality Control Data

Semivolatiles

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0416 - SVOC Water

Blank (BFC0416-BLK1)

Prepared: 03/11/25 07:19- Analyzed: 03/27/25 01:52

Di (2-ethylhexyl) phthalate	ND		0.500	ug/L						
Surrogate: Phenol-2,3,4,5,6-d5			45.9	ug/L	50.0		91.7	51-112		
Surrogate: Nitrobenzene-d5			22.7	ug/L	25.0		90.8	65-110		
Surrogate: Terphenyl-d14			25.7	ug/L	25.0		103	57-133		
Surrogate: 2-Fluorophenol			46.3	ug/L	50.0		92.5	37-110		
Surrogate: 2-Fluorobiphenyl			22.8	ug/L	25.0		91.0	57-113		
Surrogate: 2,4,6-Tribromophenol			39.5	ug/L	50.0		79.1	48-120		

LCS (BFC0416-BS1)

Prepared: 03/11/25 07:19- Analyzed: 03/27/25 00:30

Di (2-ethylhexyl) phthalate	8.56		0.500	ug/L	10.0		85.6	60-144		
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Matrix Spike (BFC0416-MS1)

Source: MFC0219-07

Prepared: 03/11/25 07:19- Analyzed: 03/27/25 00:57

Di (2-ethylhexyl) phthalate	8.83		0.500	ug/L	10.0	ND	88.3	50-130		
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Quality Control Data

Volatiles

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC

Blank (BFC0383-BLK1)

Prepared & Analyzed: 03/11/25 15:30

Chloromethane	ND		0.500	ug/L						
Ethylbenzene	ND		0.500	ug/L						
Naphthalene	ND		0.500	ug/L						
methyl-t-butyl ether (MTBE)	ND		0.500	ug/L						
Methylene Chloride (Dichloromethane)	ND		2.50	ug/L						
Methyl isobutyl ketone (MIBK)	ND		2.50	ug/L						
m/p Xylenes (MCL for total)	ND		0.500	ug/L						
Hexachlorobutadiene	ND		0.500	ug/L						
Dichlorodifluoromethane	ND		0.500	ug/L						
Dibromomethane	ND		0.500	ug/L						
Dibromochloromethane	ND		0.500	ug/L						
n-Butylbenzene	ND		0.500	ug/L						
cis-1,2-Dichloroethylene	ND		0.500	ug/L						
tert-Butylbenzene	ND		0.500	ug/L						
Chloroform	ND		0.500	ug/L						
Chloroethane	ND		0.500	ug/L						
cis-1,3-Dichloropropene	ND		0.500	ug/L						
Toluene	ND		0.500	ug/L						
Vinyl Chloride	ND		0.500	ug/L						
Trichlorofluoromethane	ND		0.500	ug/L						
Trichloroethene	ND		0.500	ug/L						
sec-Butylbenzene	ND		0.500	ug/L						
trans-1,2 Dichloroethylene	ND		0.500	ug/L						
n-Propylbenzene	ND		0.500	ug/L						

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

Blank (BFC0383-BLK1)

Prepared & Analyzed: 03/11/25 15:30

Tetrachloroethylene	ND	0.500	ug/L
Isopropylbenzene	ND	0.500	ug/L
Styrene	ND	0.500	ug/L
Chlorobenzene (Monochlorobenzene)	ND	0.500	ug/L
p-isopropyltoluene	ND	0.500	ug/L
o-Xylene (MCL for total)	ND	0.500	ug/L
trans-1,3-Dichloropropene	ND	0.500	ug/L
1,2,3-Trichlorobenzene	ND	0.500	ug/L
1,2-Dichloropropane	ND	0.500	ug/L
1,2-Dichloroethane	ND	0.500	ug/L
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	0.500	ug/L
EDB (screening)	ND	0.500	ug/L
DBCP (screening)	ND	0.500	ug/L
1,2,4-Trimethylbenzene	ND	0.500	ug/L
1,3,5-Trimethylbenzene	ND	0.500	ug/L
1,2,3-Trichloropropane	ND	0.500	ug/L
1,1,2-Trichloroethane	ND	0.500	ug/L
1,1-Dichloropropene	ND	0.500	ug/L
1,1-Dichloroethylene	ND	0.500	ug/L
1,1-Dichloroethane	ND	0.500	ug/L
Carbon Tetrachloride	ND	0.500	ug/L
1,1,2,2-Tetrachloroethane	ND	0.500	ug/L
Methyl ethyl ketone (MEK)	ND	2.50	ug/L
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,2,4-Trichlorobenzene	ND	0.500	ug/L
Bromoform	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	ug/L
m-Dichlorobenzene	ND	0.500	ug/L
Bromomethane	ND	0.500	ug/L
Bromodichloromethane	ND	0.500	ug/L
Bromochloromethane	ND	0.500	ug/L
Bromobenzene	ND	0.500	ug/L
Benzene	ND	0.500	ug/L
Acrylonitrile	ND	0.500	ug/L
p-Chlorotoluene	ND	0.500	ug/L
2-hexanone	ND	2.50	ug/L
o-Chlorotoluene	ND	0.500	ug/L
2,2-Dichloropropane	ND	0.500	ug/L
Acetone	ND	2.50	ug/L
1,3-Dichloropropane	ND	0.500	ug/L
Carbon disulfide	ND	0.500	ug/L
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	0.500	ug/L

Surrogate: Toluene-d8	19.9	ug/L	20.0	99.3	70-130
Surrogate: 4-Bromofluorobenzene	18.6	ug/L	20.0	93.0	70-130
Surrogate: 1,2-Dichlorobenzene-d4	20.6	ug/L	20.0	103	70-130

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

LCS (BFC0383-BS1)

Prepared & Analyzed: 03/11/25 21:57

Dibromochloromethane	10.2		0.500	ug/L	10.0		102	80-121		
n-Butylbenzene	9.81		0.500	ug/L	10.0		98.1	74-122		
Naphthalene	9.19		0.500	ug/L	10.0		91.9	66-133		
methyl-t-butyl ether (MTBE)	10.2		0.500	ug/L	10.0		102	71-130		
Methyl isobutyl ketone (MIBK)	9.95		2.50	ug/L	10.0		99.5	70-136		
Methyl ethyl ketone (MEK)	9.98		2.50	ug/L	10.0		99.8	55-154		
Isopropylbenzene	9.93		0.500	ug/L	10.0		99.3	80-120		
Ethylbenzene	9.88		0.500	ug/L	10.0		98.8	80-120		
Dibromomethane	9.94		0.500	ug/L	10.0		99.4	80-120		
cis-1,3-Dichloropropene	10.1		0.500	ug/L	10.0		101	79-123		
cis-1,2-Dichloroethylene	10.1		0.500	ug/L	10.0		101	80-120		
n-Propylbenzene	9.87		0.500	ug/L	10.0		98.7	80-120		
Trichloroethene	9.80		0.500	ug/L	10.0		98.0	80-120		
Chloroethane	10.5		0.500	ug/L	10.0		105	78-120		
Chloroform	9.81		0.500	ug/L	10.0		98.1	80-120		
Dichlorodifluoromethane	10.4		0.500	ug/L	10.0		104	57-130		
trans-1,3-Dichloropropene	10.4		0.500	ug/L	10.0		104	69-130		
Chlorobenzene (Monochlorobenzene)	9.77		0.500	ug/L	10.0		97.7	80-120		
Hexachlorobutadiene	9.77		0.500	ug/L	10.0		97.7	80-120		
trans-1,2 Dichloroethylene	10.0		0.500	ug/L	10.0		100	80-120		
Trichlorofluoromethane	10.6		0.500	ug/L	10.0		106	61-140		
o-Xylene (MCL for total)	9.98		0.500	ug/L	10.0		99.8	80-120		
Toluene	9.81		0.500	ug/L	10.0		98.1	80-120		
Tetrachloroethylene	9.47		0.500	ug/L	10.0		94.7	80-120		
tert-Butylbenzene	9.85		0.500	ug/L	10.0		98.5	80-120		
Styrene	9.75		0.500	ug/L	10.0		97.5	80-120		
sec-Butylbenzene	10.1		0.500	ug/L	10.0		101	80-120		
p-isopropyltoluene	9.92		0.500	ug/L	10.0		99.2	80-120		
Vinyl Chloride	10.2		0.500	ug/L	10.0		102	75-120		
1,1-Dichloropropene	10.3		0.500	ug/L	10.0		103	80-120		
1,2-Dichloropropane	9.97		0.500	ug/L	10.0		99.7	80-120		
1,2-Dichloroethane	9.80		0.500	ug/L	10.0		98.0	80-120		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	9.04		0.500	ug/L	10.0		90.4	80-120		
EDB (screening)	10.1		0.500	ug/L	10.0		101	70-130		
DBCP (screening)	9.22		0.500	ug/L	10.0		92.2	71-128		
1,3,5-Trimethylbenzene	9.72		0.500	ug/L	10.0		97.2	80-121		
1,2,3-Trichlorobenzene	8.75		0.500	ug/L	10.0		87.5	78-120		
1,2,4-Trimethylbenzene	9.82		0.500	ug/L	10.0		98.2	80-120		
1,1-Dichloroethylene	10.4		0.500	ug/L	10.0		104	70-129		
1,1-Dichloroethane	9.98		0.500	ug/L	10.0		99.8	80-120		
1,1,2-Trichloroethane	9.76		0.500	ug/L	10.0		97.6	80-120		
1,1,2,2-Tetrachloroethane	9.51		0.500	ug/L	10.0		95.1	77-123		
1,1,1-Trichloroethane	10.4		0.500	ug/L	10.0		104	80-120		
Carbon Tetrachloride	10.3		0.500	ug/L	10.0		103	80-120		
1,2,4-Trichlorobenzene	9.24		0.500	ug/L	10.0		92.4	80-120		
Bromodichloromethane	10.3		0.500	ug/L	10.0		103	80-120		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BFC0383 - VOC (Continued)										
LCS (BFC0383-BS1)					Prepared & Analyzed: 03/11/25 21:57					
Carbon disulfide	10.4		0.500	ug/L	10.0		104	80-120		
1,2,3-Trichloropropane	9.50		0.500	ug/L	10.0		95.0	80-120		
Bromoform	9.57		0.500	ug/L	10.0		95.7	68-133		
m-Dichlorobenzene	9.17		0.500	ug/L	10.0		91.7	80-120		
Bromochloromethane	10.2		0.500	ug/L	10.0		102	80-120		
Bromobenzene	9.47		0.500	ug/L	10.0		94.7	80-120		
Benzene	9.93		0.500	ug/L	10.0		99.3	80-120		
Acrylonitrile	10.2		0.500	ug/L	10.0		102	73-131		
p-Chlorotoluene	9.54		0.500	ug/L	10.0		95.4	80-124		
1,1,1,2-Tetrachloroethane	9.91		0.500	ug/L	10.0		99.1	80-120		
2-hexanone	10.1		2.50	ug/L	10.0		101	65-140		
m/p Xylenes (MCL for total)	19.9		0.500	ug/L	20.0		99.5	80-120		
o-Chlorotoluene	9.57		0.500	ug/L	10.0		95.7	80-120		
2,2-Dichloropropane	10.4		0.500	ug/L	10.0		104	80-120		
1,4-Dichlorobenzene (para-Dichlorobenzene)	9.06		0.500	ug/L	10.0		90.6	80-120		
1,3-Dichloropropane	10.1		0.500	ug/L	10.0		101	80-120		
Surrogate: Toluene-d8			20.0	ug/L	20.0		100	70-130		
Surrogate: 4-Bromofluorobenzene			20.4	ug/L	20.0		102	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			19.5	ug/L	20.0		97.5	70-130		

MRL Check (BFC0383-MRL1)

Prepared & Analyzed: 03/11/25 19:58										
cis-1,2-Dichloroethylene	0.450		0.500	ug/L	0.500		90.0	0-200		
Methylene Chloride (Dichloromethane)	0.580		2.50	ug/L	0.500		116	0-200		
Methyl isobutyl ketone (MIBK)	ND		2.50	ug/L	0.500			0-200		
Methyl ethyl ketone (MEK)	ND		2.50	ug/L	0.500			0-200		
m/p Xylenes (MCL for total)	0.830		0.500	ug/L	1.00		83.0	0-200		
Isopropylbenzene	0.400		0.500	ug/L	0.500		80.0	0-200		
Hexachlorobutadiene	0.470		0.500	ug/L	0.500		94.0	0-200		
Ethylbenzene	0.450		0.500	ug/L	0.500		90.0	0-200		
Dichlorodifluoromethane	0.410		0.500	ug/L	0.500		82.0	0-200		
Dibromomethane	0.480		0.500	ug/L	0.500		96.0	0-200		
Chloroform	0.480		0.500	ug/L	0.500		96.0	0-200		
cis-1,3-Dichloropropene	0.530		0.500	ug/L	0.500		106	0-200		
methyl-t-butyl ether (MTBE)	0.520		0.500	ug/L	0.500		104	0-200		
Chloromethane	0.470		0.500	ug/L	0.500		94.0	0-200		
Dibromochloromethane	0.460		0.500	ug/L	0.500		92.0	0-200		
Tetrachloroethylene	0.510		0.500	ug/L	0.500		102	0-200		
Bromomethane	0.460		0.500	ug/L	0.500		92.0	0-200		
Chloroethane	0.520		0.500	ug/L	0.500		104	0-200		
Trichlorofluoromethane	0.400		0.500	ug/L	0.500		80.0	0-200		
Trichloroethene	0.480		0.500	ug/L	0.500		96.0	0-200		
trans-1,3-Dichloropropene	0.440		0.500	ug/L	0.500		88.0	0-200		
Vinyl Chloride	0.440		0.500	ug/L	0.500		88.0	0-200		
Toluene	0.470		0.500	ug/L	0.500		94.0	0-200		
Naphthalene	0.440		0.500	ug/L	0.500		88.0	0-200		
tert-Butylbenzene	0.410		0.500	ug/L	0.500		82.0	0-200		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

MRL Check (BFC0383-MRL1)

Prepared & Analyzed: 03/11/25 19:58

Styrene	0.480		0.500	ug/L	0.500		96.0	0-200		
sec-Butylbenzene	0.370		0.500	ug/L	0.500		74.0	0-200		
p-isopropyltoluene	0.380		0.500	ug/L	0.500		76.0	0-200		
o-Xylene (MCL for total)	0.440		0.500	ug/L	0.500		88.0	0-200		
n-Propylbenzene	0.390		0.500	ug/L	0.500		78.0	0-200		
n-Butylbenzene	0.410		0.500	ug/L	0.500		82.0	0-200		
trans-1,2 Dichloroethylene	0.460		0.500	ug/L	0.500		92.0	0-200		
1,1-Dichloropropene	0.470		0.500	ug/L	0.500		94.0	0-200		
1,2-Dichloroethane	0.470		0.500	ug/L	0.500		94.0	0-200		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	0.520		0.500	ug/L	0.500		104	0-200		
EDB (screening)	0.470		0.500	ug/L	0.500		94.0	0-200		
DBCP (screening)	0.530		0.500	ug/L	0.500		106	0-200		
1,2,4-Trimethylbenzene	0.380		0.500	ug/L	0.500		76.0	0-200		
1,2,4-Trichlorobenzene	0.430		0.500	ug/L	0.500		86.0	0-200		
1,2-Dichloropropane	0.480		0.500	ug/L	0.500		96.0	0-200		
1,2,3-Trichlorobenzene	0.430		0.500	ug/L	0.500		86.0	0-200		
1,1,2,2-Tetrachloroethane	0.460		0.500	ug/L	0.500		92.0	0-200		
1,1-Dichloroethylene	0.430		0.500	ug/L	0.500		86.0	0-200		
1,1-Dichloroethane	0.460		0.500	ug/L	0.500		92.0	0-200		
1,1,2-Trichlorethane	0.500		0.500	ug/L	0.500		100	0-200		
Chlorobenzene (Monochlorobenzene)	0.490		0.500	ug/L	0.500		98.0	0-200		
1,1,1-Trichloroethane	0.470		0.500	ug/L	0.500		94.0	0-200		
Carbon Tetrachloride	0.400		0.500	ug/L	0.500		80.0	0-200		
1,2,3-Trichloropropane	0.460		0.500	ug/L	0.500		92.0	0-200		
Bromoform	0.480		0.500	ug/L	0.500		96.0	0-200		
1,1,1,2-Tetrachloroethane	0.470		0.500	ug/L	0.500		94.0	0-200		
1,3,5-Trimethylbenzene	0.380		0.500	ug/L	0.500		76.0	0-200		
Carbon disulfide	0.420		0.500	ug/L	0.500		84.0	0-200		
Bromodichloromethane	0.430		0.500	ug/L	0.500		86.0	0-200		
Bromochloromethane	0.450		0.500	ug/L	0.500		90.0	0-200		
Bromobenzene	0.460		0.500	ug/L	0.500		92.0	0-200		
Benzene	0.480		0.500	ug/L	0.500		96.0	0-200		
Acrylonitrile	0.410		0.500	ug/L	0.500		82.0	0-200		
1,3-Dichloropropane	0.470		0.500	ug/L	0.500		94.0	0-200		
p-Chlorotoluene	0.430		0.500	ug/L	0.500		86.0	0-200		
2-hexanone	ND		2.50	ug/L	0.500			0-200		
o-Chlorotoluene	0.410		0.500	ug/L	0.500		82.0	0-200		
2,2-Dichloropropane	0.460		0.500	ug/L	0.500		92.0	0-200		
1,4-Dichlorobenzene (para-Dichlorobenzene)	0.490		0.500	ug/L	0.500		98.0	0-200		
Acetone	0.680		2.50	ug/L	0.500		136	0-200		
m-Dichlorobenzene	0.460		0.500	ug/L	0.500		92.0	0-200		
Surrogate: Toluene-d8			19.3	ug/L	20.0		96.4	70-130		
Surrogate: 4-Bromofluorobenzene			19.1	ug/L	20.0		95.4	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			20.5	ug/L	20.0		103	70-130		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

MRL Check (BFC0383-MRL2)

Prepared & Analyzed: 03/11/25 20:28

1,2-Dichloropropane	0.450		0.500	ug/L	0.500		90.0	0-200		
1,3,5-Trimethylbenzene	0.390		0.500	ug/L	0.500		78.0	0-200		
m-Dichlorobenzene	0.440		0.500	ug/L	0.500		88.0	0-200		
1,3-Dichloropropane	0.440		0.500	ug/L	0.500		88.0	0-200		
1,4-Dichlorobenzene (para-Dichlorobenzene)	0.480		0.500	ug/L	0.500		96.0	0-200		
2,2-Dichloropropane	0.420		0.500	ug/L	0.500		84.0	0-200		
o-Chlorotoluene	0.430		0.500	ug/L	0.500		86.0	0-200		
Bromochloromethane	0.450		0.500	ug/L	0.500		90.0	0-200		
p-Chlorotoluene	0.390		0.500	ug/L	0.500		78.0	0-200		
Acetone	0.670		2.50	ug/L	0.500		134	0-200		
Acrylonitrile	0.380		0.500	ug/L	0.500		76.0	0-200		
1,2-Dichloroethane	0.460		0.500	ug/L	0.500		92.0	0-200		
1,1-Dichloroethane	0.450		0.500	ug/L	0.500		90.0	0-200		
2-hexanone	ND		2.50	ug/L	0.500			0-200		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	0.460		0.500	ug/L	0.500		92.0	0-200		
EDB (screening)	0.420		0.500	ug/L	0.500		84.0	0-200		
DBCP (screening)	0.440		0.500	ug/L	0.500		88.0	0-200		
1,2,4-Trimethylbenzene	0.370		0.500	ug/L	0.500		74.0	0-200		
1,2,4-Trichlorobenzene	0.410		0.500	ug/L	0.500		82.0	0-200		
1,2,3-Trichloropropane	0.420		0.500	ug/L	0.500		84.0	0-200		
1,2,3-Trichlorobenzene	0.430		0.500	ug/L	0.500		86.0	0-200		
1,1-Dichloroethylene	0.440		0.500	ug/L	0.500		88.0	0-200		
1,1,2-Trichloroethane	0.470		0.500	ug/L	0.500		94.0	0-200		
1,1,2,2-Tetrachloroethane	0.400		0.500	ug/L	0.500		80.0	0-200		
1,1,1-Trichloroethane	0.420		0.500	ug/L	0.500		84.0	0-200		
1,1,1,2-Tetrachloroethane	0.410		0.500	ug/L	0.500		82.0	0-200		
Bromobenzene	0.410		0.500	ug/L	0.500		82.0	0-200		
1,1-Dichloropropene	0.450		0.500	ug/L	0.500		90.0	0-200		
Tetrachloroethylene	0.490		0.500	ug/L	0.500		98.0	0-200		
methyl-t-butyl ether (MTBE)	0.480		0.500	ug/L	0.500		96.0	0-200		
Naphthalene	0.460		0.500	ug/L	0.500		92.0	0-200		
n-Butylbenzene	0.410		0.500	ug/L	0.500		82.0	0-200		
n-Propylbenzene	0.390		0.500	ug/L	0.500		78.0	0-200		
o-Xylene (MCL for total)	0.410		0.500	ug/L	0.500		82.0	0-200		
p-isopropyltoluene	0.370		0.500	ug/L	0.500		74.0	0-200		
sec-Butylbenzene	0.380		0.500	ug/L	0.500		76.0	0-200		
Methylene Chloride (Dichloromethane)	0.540		2.50	ug/L	0.500		108	0-200		
tert-Butylbenzene	0.400		0.500	ug/L	0.500		80.0	0-200		
Vinyl Chloride	0.430		0.500	ug/L	0.500		86.0	0-200		
Toluene	0.440		0.500	ug/L	0.500		88.0	0-200		
trans-1,2 Dichloroethylene	0.430		0.500	ug/L	0.500		86.0	0-200		
trans-1,3-Dichloropropene	0.390		0.500	ug/L	0.500		78.0	0-200		
Trichloroethene	0.450		0.500	ug/L	0.500		90.0	0-200		
Trichlorofluoromethane	0.420		0.500	ug/L	0.500		84.0	0-200		
Benzene	0.450		0.500	ug/L	0.500		90.0	0-200		
Styrene	0.460		0.500	ug/L	0.500		92.0	0-200		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

MRL Check (BFC0383-MRL2)

Prepared & Analyzed: 03/11/25 20:28

Bromomethane	0.430		0.500	ug/L	0.500		86.0	0-200		
Methyl isobutyl ketone (MIBK)	ND		2.50	ug/L	0.500			0-200		
Bromodichloromethane	0.410		0.500	ug/L	0.500		82.0	0-200		
Bromoform	0.390		0.500	ug/L	0.500		78.0	0-200		
Carbon disulfide	0.400		0.500	ug/L	0.500		80.0	0-200		
Carbon Tetrachloride	0.400		0.500	ug/L	0.500		80.0	0-200		
Chlorobenzene (Monochlorobenzene)	0.460		0.500	ug/L	0.500		92.0	0-200		
Chloroethane	0.340		0.500	ug/L	0.500		68.0	0-200		
Chloroform	0.440		0.500	ug/L	0.500		88.0	0-200		
Chloromethane	0.430		0.500	ug/L	0.500		86.0	0-200		
Hexachlorobutadiene	0.470		0.500	ug/L	0.500		94.0	0-200		
m/p Xylenes (MCL for total)	0.800		0.500	ug/L	1.00		80.0	0-200		
cis-1,2-Dichloroethylene	0.410		0.500	ug/L	0.500		82.0	0-200		
Methyl ethyl ketone (MEK)	ND		2.50	ug/L	0.500			0-200		
Isopropylbenzene	0.400		0.500	ug/L	0.500		80.0	0-200		
Ethylbenzene	0.420		0.500	ug/L	0.500		84.0	0-200		
Dichlorodifluoromethane	0.460		0.500	ug/L	0.500		92.0	0-200		
Dibromomethane	0.440		0.500	ug/L	0.500		88.0	0-200		
Dibromochloromethane	0.380		0.500	ug/L	0.500		76.0	0-200		
cis-1,3-Dichloropropene	0.510		0.500	ug/L	0.500		102	0-200		
Surrogate: 4-Bromofluorobenzene			19.2	ug/L	20.0		96.0	70-130		
Surrogate: Toluene-d8			19.7	ug/L	20.0		98.5	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			20.1	ug/L	20.0		101	70-130		

MRL Check (BFC0383-MRL3)

Prepared & Analyzed: 03/11/25 20:57

methyl-t-butyl ether (MTBE)	0.500		0.500	ug/L	0.500		100	0-200		
Methylene Chloride (Dichloromethane)	0.590		2.50	ug/L	0.500		118	0-200		
cis-1,3-Dichloropropene	0.510		0.500	ug/L	0.500		102	0-200		
Methyl ethyl ketone (MEK)	ND		2.50	ug/L	0.500			0-200		
m/p Xylenes (MCL for total)	0.880		0.500	ug/L	1.00		88.0	0-200		
Isopropylbenzene	0.450		0.500	ug/L	0.500		90.0	0-200		
Hexachlorobutadiene	0.500		0.500	ug/L	0.500		100	0-200		
Methyl isobutyl ketone (MIBK)	ND		2.50	ug/L	0.500			0-200		
Ethylbenzene	0.460		0.500	ug/L	0.500		92.0	0-200		
Dichlorodifluoromethane	0.490		0.500	ug/L	0.500		98.0	0-200		
Chloromethane	0.450		0.500	ug/L	0.500		90.0	0-200		
Dibromochloromethane	0.420		0.500	ug/L	0.500		84.0	0-200		
cis-1,2-Dichloroethylene	0.430		0.500	ug/L	0.500		86.0	0-200		
Naphthalene	0.470		0.500	ug/L	0.500		94.0	0-200		
Trichloroethene	0.500		0.500	ug/L	0.500		100	0-200		
Chloroform	0.470		0.500	ug/L	0.500		94.0	0-200		
Dibromomethane	0.500		0.500	ug/L	0.500		100	0-200		
Toluene	0.460		0.500	ug/L	0.500		92.0	0-200		
Bromodichloromethane	0.460		0.500	ug/L	0.500		92.0	0-200		
Chloroethane	0.470		0.500	ug/L	0.500		94.0	0-200		
Vinyl Chloride	0.440		0.500	ug/L	0.500		88.0	0-200		

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

MRL Check (BFC0383-MRL3)

Prepared & Analyzed: 03/11/25 20:57

trans-1,2 Dichloroethylene	0.450		0.500	ug/L	0.500		90.0	0-200		
trans-1,3-Dichloropropene	0.430		0.500	ug/L	0.500		86.0	0-200		
n-Butylbenzene	0.380		0.500	ug/L	0.500		76.0	0-200		
Tetrachloroethylene	0.520		0.500	ug/L	0.500		104	0-200		
tert-Butylbenzene	0.450		0.500	ug/L	0.500		90.0	0-200		
Styrene	0.480		0.500	ug/L	0.500		96.0	0-200		
sec-Butylbenzene	0.400		0.500	ug/L	0.500		80.0	0-200		
p-isopropyltoluene	0.400		0.500	ug/L	0.500		80.0	0-200		
o-Xylene (MCL for total)	0.450		0.500	ug/L	0.500		90.0	0-200		
n-Propylbenzene	0.410		0.500	ug/L	0.500		82.0	0-200		
Trichlorofluoromethane	0.470		0.500	ug/L	0.500		94.0	0-200		
1,1-Dichloropropene	0.490		0.500	ug/L	0.500		98.0	0-200		
1,2-Dichloroethane	0.500		0.500	ug/L	0.500		100	0-200		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	0.480		0.500	ug/L	0.500		96.0	0-200		
EDB (screening)	0.480		0.500	ug/L	0.500		96.0	0-200		
DBCP (screening)	0.460		0.500	ug/L	0.500		92.0	0-200		
1,2,4-Trimethylbenzene	0.410		0.500	ug/L	0.500		82.0	0-200		
1,2,4-Trichlorobenzene	0.440		0.500	ug/L	0.500		88.0	0-200		
1,2-Dichloropropane	0.480		0.500	ug/L	0.500		96.0	0-200		
1,2,3-Trichlorobenzene	0.450		0.500	ug/L	0.500		90.0	0-200		
1,1,2,2-Tetrachloroethane	0.420		0.500	ug/L	0.500		84.0	0-200		
1,1-Dichloroethylene	0.460		0.500	ug/L	0.500		92.0	0-200		
1,1-Dichloroethane	0.440		0.500	ug/L	0.500		88.0	0-200		
1,1,2-Trichloroethane	0.520		0.500	ug/L	0.500		104	0-200		
Chlorobenzene (Monochlorobenzene)	0.510		0.500	ug/L	0.500		102	0-200		
1,1,1-Trichloroethane	0.450		0.500	ug/L	0.500		90.0	0-200		
Bromomethane	0.440		0.500	ug/L	0.500		88.0	0-200		
1,1,1,2-Tetrachloroethane	0.440		0.500	ug/L	0.500		88.0	0-200		
1,2,3-Trichloropropane	0.480		0.500	ug/L	0.500		96.0	0-200		
Benzene	0.470		0.500	ug/L	0.500		94.0	0-200		
Carbon Tetrachloride	0.430		0.500	ug/L	0.500		86.0	0-200		
Bromoform	0.480		0.500	ug/L	0.500		96.0	0-200		
1,3,5-Trimethylbenzene	0.410		0.500	ug/L	0.500		82.0	0-200		
Bromobenzene	0.480		0.500	ug/L	0.500		96.0	0-200		
Carbon disulfide	0.430		0.500	ug/L	0.500		86.0	0-200		
Acrylonitrile	0.370		0.500	ug/L	0.500		74.0	0-200		
Acetone	0.510		2.50	ug/L	0.500		102	0-200		
p-Chlorotoluene	0.400		0.500	ug/L	0.500		80.0	0-200		
2-hexanone	ND		2.50	ug/L	0.500			0-200		
o-Chlorotoluene	0.410		0.500	ug/L	0.500		82.0	0-200		
2,2-Dichloropropane	0.420		0.500	ug/L	0.500		84.0	0-200		
1,4-Dichlorobenzene (para-Dichlorobenzene)	0.510		0.500	ug/L	0.500		102	0-200		
1,3-Dichloropropane	0.470		0.500	ug/L	0.500		94.0	0-200		
m-Dichlorobenzene	0.460		0.500	ug/L	0.500		92.0	0-200		
Bromochloromethane	0.470		0.500	ug/L	0.500		94.0	0-200		

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

MRL Check (BFC0383-MRL3)

Prepared & Analyzed: 03/11/25 20:57

Surrogate: Toluene-d8	19.5	ug/L	20.0	97.5	70-130
Surrogate: 4-Bromofluorobenzene	19.3	ug/L	20.0	96.6	70-130
Surrogate: 1,2-Dichlorobenzene-d4	20.2	ug/L	20.0	101	70-130

Matrix Spike (BFC0383-MS1)

Source: MFC0219-07

Prepared & Analyzed: 03/12/25 05:23

Methyl ethyl ketone (MEK)	10.4		2.50	ug/L	11.8	ND	87.5	47-165
m/p Xylenes (MCL for total)	22.7		0.500	ug/L	23.7	ND	95.9	57-130
Isopropylbenzene	11.3		0.500	ug/L	11.8	ND	95.5	70-130
Hexachlorobutadiene	10.9		0.500	ug/L	11.8	ND	91.7	70-130
Ethylbenzene	11.2		0.500	ug/L	11.8	ND	94.5	70-130
Dichlorodifluoromethane	11.6		0.500	ug/L	11.8	ND	98.2	57-136
Dibromomethane	10.7		0.500	ug/L	11.8	ND	90.4	70-130
Dibromochloromethane	12.6		0.500	ug/L	11.8	ND	107	70-130
cis-1,3-Dichloropropene	11.2		0.500	ug/L	11.8	ND	94.6	74-124
cis-1,2-Dichloroethylene	10.8		0.500	ug/L	11.8	ND	91.0	70-130
Chloroform	10.9		0.500	ug/L	11.8	ND	91.9	70-130
Methyl isobutyl ketone (MIBK)	9.95		2.50	ug/L	11.8	ND	84.1	53-167
Chlorobenzene (Monochlorobenzene)	11.1		0.500	ug/L	11.8	ND	93.5	70-130
tert-Butylbenzene	11.7		0.500	ug/L	11.8	ND	98.8	70-130
Carbon Tetrachloride	12.1		0.500	ug/L	11.8	ND	103	70-130
Chloroethane	20.3	M1	0.500	ug/L	11.8	ND	172	68-138
Styrene	10.2		0.500	ug/L	11.8	ND	86.5	30-130
1,1-Dichloropropene	11.4		0.500	ug/L	11.8	ND	96.5	70-130
Carbon disulfide	12.4		0.500	ug/L	11.8	ND	105	70-130
Trichlorofluoromethane	12.9		0.500	ug/L	11.8	ND	109	50-154
Trichloroethene	10.6		0.500	ug/L	11.8	ND	89.5	70-130
trans-1,3-Dichloropropene	11.8		0.500	ug/L	11.8	ND	99.4	61-131
trans-1,2 Dichloroethylene	10.9		0.500	ug/L	11.8	ND	92.4	70-130
sec-Butylbenzene	12.2		0.500	ug/L	11.8	ND	103	70-130
Tetrachloroethylene	10.6		0.500	ug/L	11.8	ND	89.7	70-130
methyl-t-butyl ether (MTBE)	11.1		0.500	ug/L	11.8	ND	94.0	57-138
Vinyl Chloride	10.9		0.500	ug/L	11.8	ND	92.2	70-130
p-isopropyltoluene	12.0		0.500	ug/L	11.8	ND	101	70-130
o-Xylene (MCL for total)	11.3		0.500	ug/L	11.8	ND	95.1	62-127
n-Propylbenzene	11.6		0.500	ug/L	11.8	ND	97.9	70-130
n-Butylbenzene	11.5		0.500	ug/L	11.8	ND	97.1	67-130
Naphthalene	8.68		0.500	ug/L	11.8	ND	73.3	56-147
Toluene	10.4		0.500	ug/L	11.8	ND	88.1	70-130
1,1,2-Trichloroethane	11.3		0.500	ug/L	11.8	ND	95.7	70-130
DBCP (screening)	10.9		0.500	ug/L	11.8	ND	92.3	55-146
1,2,4-Trimethylbenzene	11.6		0.500	ug/L	11.8	ND	98.1	40-140
1,2,4-Trichlorobenzene	9.43		0.500	ug/L	11.8	ND	79.7	70-130
1,2,3-Trichlorobenzene	7.62	M2	0.500	ug/L	11.8	ND	64.4	67-134
EDB (screening)	11.5		0.500	ug/L	11.8	ND	97.3	70-130
Bromoform	12.5		0.500	ug/L	11.8	ND	106	59-140
1,1-Dichloroethylene	11.6		0.500	ug/L	11.8	ND	97.7	70-130

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BFC0383 - VOC (Continued)

Matrix Spike (BFC0383-MS1)

Source: MFC0219-07

Prepared & Analyzed: 03/12/25 05:23

1,1,2,2-Tetrachloroethane	11.6		0.500	ug/L	11.8	ND	97.7	67-136		
1,1,1-Trichloroethane	11.5		0.500	ug/L	11.8	ND	97.4	70-130		
1,1,1,2-Tetrachloroethane	11.9		0.500	ug/L	11.8	ND	100	70-130		
1,2,3-Trichloropropane	11.4		0.500	ug/L	11.8	ND	96.2	69-137		
1,1-Dichloroethane	10.9		0.500	ug/L	11.8	ND	91.8	70-130		
p-Chlorotoluene	11.3		0.500	ug/L	11.8	ND	95.7	70-130		
Bromodichloromethane	12.1		0.500	ug/L	11.8	ND	102	70-130		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	10.0		0.500	ug/L	11.8	ND	84.8	70-130		
Bromobenzene	11.2		0.500	ug/L	11.8	ND	94.7	70-130		
Acrylonitrile	12.3		0.500	ug/L	11.8	ND	104	65-137		
Bromochloromethane	10.8		0.500	ug/L	11.8	ND	91.3	70-130		
2-hexanone	10.7		2.50	ug/L	11.8	ND	90.1	43-175		
o-Chlorotoluene	11.2		0.500	ug/L	11.8	ND	94.4	70-130		
2,2-Dichloropropane	11.0		0.500	ug/L	11.8	ND	93.0	70-130		
1,4-Dichlorobenzene (para-Dichlorobenzene)	10.3		0.500	ug/L	11.8	ND	86.6	70-130		
1,3-Dichloropropane	11.5		0.500	ug/L	11.8	ND	97.5	70-130		
m-Dichlorobenzene	10.2		0.500	ug/L	11.8	ND	86.4	70-130		
1,3,5-Trimethylbenzene	11.3		0.500	ug/L	11.8	ND	95.8	40-140		
1,2-Dichloropropane	10.9		0.500	ug/L	11.8	ND	91.9	70-130		
1,2-Dichloroethane	11.0		0.500	ug/L	11.8	ND	92.9	70-130		
Benzene	10.8		0.500	ug/L	11.8	ND	91.3	70-130		
Surrogate: 4-Bromofluorobenzene			21.4	ug/L	23.7		90.3	70-130		
Surrogate: Toluene-d8			19.6	ug/L	23.7		82.9	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			19.4	ug/L	23.7		82.0	70-130		

Matrix Spike Dup (BFC0383-MSD1)

Source: MFC0219-07

Prepared & Analyzed: 03/12/25 05:53

Dichlorodifluoromethane	11.3		0.500	ug/L	11.8	ND	95.2	57-136	2.97	20
Methyl ethyl ketone (MEK)	10.8		2.50	ug/L	11.8	ND	91.5	47-165	4.53	20
m/p Xylenes (MCL for total)	21.8		0.500	ug/L	23.7	ND	92.1	57-130	3.91	20
Isopropylbenzene	11.0		0.500	ug/L	11.8	ND	93.0	70-130	2.51	20
Hexachlorobutadiene	10.7		0.500	ug/L	11.8	ND	90.1	70-130	1.58	20
Ethylbenzene	10.9		0.500	ug/L	11.8	ND	91.7	70-130	2.81	20
Dibromomethane	10.6		0.500	ug/L	11.8	ND	89.5	70-130	0.845	20
Dibromochloromethane	12.5		0.500	ug/L	11.8	ND	105	70-130	1.51	20
cis-1,3-Dichloropropene	11.1		0.500	ug/L	11.8	ND	93.5	74-124	0.988	20
cis-1,2-Dichloroethylene	10.5		0.500	ug/L	11.8	ND	88.9	70-130	2.25	20
Chloroform	10.6		0.500	ug/L	11.8	ND	89.5	70-130	2.42	20
Carbon Tetrachloride	11.7		0.500	ug/L	11.8	ND	98.9	70-130	3.52	20
Chlorobenzene (Monochlorobenzene)	10.8		0.500	ug/L	11.8	ND	90.8	70-130	2.84	20
Chloroethane	15.5	M1	0.500	ug/L	11.8	ND	131	68-138	27.0	20
Styrene	10.2		0.500	ug/L	11.8	ND	85.7	30-130	0.883	20
Trichlorofluoromethane	12.1		0.500	ug/L	11.8	ND	102	50-154	6.09	20
EDB (screening)	11.6		0.500	ug/L	11.8	ND	97.7	70-130	0.606	20
Trichloroethene	10.3		0.500	ug/L	11.8	ND	87.2	70-130	2.49	20
Carbon disulfide	12.0		0.500	ug/L	11.8	ND	101	70-130	3.94	20
trans-1,2 Dichloroethylene	10.7		0.500	ug/L	11.8	ND	90.2	70-130	2.31	20

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Quality Control Data (Continued)

Volatiles (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BFC0383 - VOC (Continued)										
Matrix Spike Dup (BFC0383-MSD1)			Source: MFC0219-07			Prepared & Analyzed: 03/12/25 05:53				
Toluene	10.1		0.500	ug/L	11.8	ND	85.2	70-130	3.21	20
trans-1,3-Dichloropropene	11.9		0.500	ug/L	11.8	ND	101	61-131	1.35	20
tert-Butylbenzene	11.4		0.500	ug/L	11.8	ND	96.3	70-130	2.42	20
Methyl isobutyl ketone (MIBK)	10.1		2.50	ug/L	11.8	ND	85.2	53-167	1.50	20
sec-Butylbenzene	11.8		0.500	ug/L	11.8	ND	99.9	70-130	3.16	20
p-isopropyltoluene	11.7		0.500	ug/L	11.8	ND	98.5	70-130	2.70	20
o-Xylene (MCL for total)	11.0		0.500	ug/L	11.8	ND	92.7	62-127	2.43	20
n-Propylbenzene	11.2		0.500	ug/L	11.8	ND	94.8	70-130	3.07	20
n-Butylbenzene	11.3		0.500	ug/L	11.8	ND	95.5	67-130	1.58	20
Naphthalene	9.22		0.500	ug/L	11.8	ND	77.8	56-147	6.03	20
methyl-t-butyl ether (MTBE)	11.4		0.500	ug/L	11.8	ND	95.8	57-138	2.05	20
Tetrachloroethylene	10.3		0.500	ug/L	11.8	ND	86.8	70-130	3.25	20
1,1,2,2-Tetrachloroethane	11.3		0.500	ug/L	11.8	ND	95.2	67-136	2.45	20
1,2,4-Trichlorobenzene	9.64		0.500	ug/L	11.8	ND	81.4	70-130	2.20	20
1,2,3-Trichloropropane	11.2		0.500	ug/L	11.8	ND	94.1	69-137	2.13	20
1,2,3-Trichlorobenzene	8.16		0.500	ug/L	11.8	ND	68.9	67-134	6.84	20
1,1-Dichloropropene	11.0		0.500	ug/L	11.8	ND	92.7	70-130	3.93	20
1,1-Dichloroethylene	10.9		0.500	ug/L	11.8	ND	92.2	70-130	5.60	20
1,2-Dichloroethane	10.6		0.500	ug/L	11.8	ND	89.6	70-130	3.42	20
1,1,2-Trichlorethane	11.1		0.500	ug/L	11.8	ND	93.9	70-130	1.78	20
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	9.98		0.500	ug/L	11.8	ND	84.2	70-130	0.599	20
1,1,1-Trichloroethane	11.2		0.500	ug/L	11.8	ND	94.6	70-130	2.81	20
1,1,1,2-Tetrachloroethane	11.7		0.500	ug/L	11.8	ND	98.7	70-130	1.70	20
Vinyl Chloride	10.3		0.500	ug/L	11.8	ND	86.8	70-130	5.85	20
1,1-Dichloroethane	10.6		0.500	ug/L	11.8	ND	89.6	70-130	2.23	20
2,2-Dichloropropane	10.7		0.500	ug/L	11.8	ND	90.0	70-130	3.14	20
Bromodichloromethane	11.8		0.500	ug/L	11.8	ND	99.5	70-130	2.43	20
Bromochloromethane	10.8		0.500	ug/L	11.8	ND	91.5	70-130	0.370	20
Bromobenzene	10.8		0.500	ug/L	11.8	ND	91.0	70-130	3.91	20
Benzene	10.5		0.500	ug/L	11.8	ND	88.4	70-130	3.20	20
Acrylonitrile	12.8		0.500	ug/L	11.8	ND	108	65-137	3.83	20
p-Chlorotoluene	10.9		0.500	ug/L	11.8	ND	92.3	70-130	3.50	20
1,2,4-Trimethylbenzene	11.3		0.500	ug/L	11.8	ND	95.4	40-140	2.71	20
o-Chlorotoluene	10.9		0.500	ug/L	11.8	ND	92.1	70-130	2.36	20
DBCP (screening)	10.7		0.500	ug/L	11.8	ND	90.2	55-146	2.13	20
1,4-Dichlorobenzene (para-Dichlorobenzene)	10.1		0.500	ug/L	11.8	ND	85.2	70-130	1.57	20
1,3-Dichloropropane	11.3		0.500	ug/L	11.8	ND	95.4	70-130	2.10	20
m-Dichlorobenzene	10.2		0.500	ug/L	11.8	ND	85.8	70-130	0.588	20
1,3,5-Trimethylbenzene	11.0		0.500	ug/L	11.8	ND	92.7	40-140	3.23	20
1,2-Dichloropropane	10.7		0.500	ug/L	11.8	ND	90.4	70-130	1.57	20
Bromoform	12.4		0.500	ug/L	11.8	ND	105	59-140	0.803	20
2-hexanone	10.9		2.50	ug/L	11.8	ND	92.2	43-175	2.41	20
Surrogate: Toluene-d8			19.4	ug/L	23.7		82.0	70-130		
Surrogate: 4-Bromofluorobenzene			21.3	ug/L	23.7		90.0	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			19.6	ug/L	23.7		82.9	70-130		



Subcontract Order

MFC0219



Due: 03/20/25

X5C0094**Sending Laboratory:**

SVL Analytical, Inc.
 One Government Gulch
 PO Box 929
 Kellogg, ID 83837-0929
 Phone: 208-784-1258
 Project Manager: Dave Tryon

Client:

Spokane County Environmental Services
 (Colbert)
Project Name:
 Routine

Project State of Origin:

Washington

Receiving Laboratory:

Anatek Labs (ID)
 1282 Alturas Drive
 Moscow, ID 83843
 Phone: 208-883-2839

Report and Invoice to SVL Analytical, Inc.

Analysis	Due	HT Expires		
SVL ID: X5C0094-01 Client ID: GWDW-001-250304			Ground Water	Sampled: 04-Mar-25 08:56
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 08:56	DEDICATED QC	
Sub SVOC EPA 8270D				
Containers Supplied:				
Raw Amber Glass (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
SVL ID: X5C0094-02 Client ID: GWDW-002-250304			Ground Water	Sampled: 04-Mar-25 10:16
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 10:16	DEDICATED QC	
Sub SVOC EPA 8270D				
Containers Supplied:				
Raw Amber Glass (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
SVL ID: X5C0094-03 Client ID: GWDW-003-250304			Ground Water	Sampled: 04-Mar-25 12:01
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 12:01	DEDICATED QC	
Sub SVOC EPA 8270D				
Containers Supplied:				
Raw Amber Glass (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
SVL ID: X5C0094-04 Client ID: MWS-1-1-250304			Ground Water	Sampled: 04-Mar-25 09:46
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 09:46	DEDICATED QC	
Sub SVOC EPA 8270D				
Containers Supplied:				
Raw Amber Glass (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				

Shipped directly to Anatek

Relinquished by: *May 11/25* Date/Time: *3/7/25* Received by: *TB* Date/Time: *3/6/25* 15:54

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____



Subcontract Order

One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

X5C0094

Analysis	Due	HT Expires		
SVL ID: X5C0094-05 Client ID: GWMS-004-250304			Ground Water	Sampled: 04-Mar-25 13:56
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 13:56	DEDICATED QC	
Sub SVOC EPA 8270D				
Containers Supplied:				
Raw Amber Glass (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
SVL ID: X5C0094-06 Client ID: GWMS-005-250304			Ground Water	Sampled: 04-Mar-25 13:06
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 13:06	DEDICATED QC	
Sub SVOC EPA 8270D				
Containers Supplied:				
Raw Amber Glass (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
SVL ID: X5C0094-07 Client ID: GWMW-009-250304			Ground Water	Sampled: 04-Mar-25 10:49
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 10:49	DEDICATED QC	
Sub SVOC EPA 8270D				
Containers Supplied:				
Raw Amber Glass (A)				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
Raw Amber Glass (E)				
Raw Amber Glass (F)				
Amber VOA HCl (G)				
Amber VOA HCl (H)				
Amber VOA HCl (I)				
Amber VOA HCl (J)				
Amber VOA HCl (K)				
Amber VOA HCl (L)				
SVL ID: X5C0094-08 Client ID: GWMW-010-250304			Ground Water	Sampled: 04-Mar-25 09:57
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 09:57	DEDICATED QC	
Containers Supplied:				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
SVL ID: X5C0094-09 Client ID: GWMW-013-250304			Ground Water	Sampled: 04-Mar-25 10:30
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 10:30	DEDICATED QC	
Containers Supplied:				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				
SVL ID: X5C0094-10 Client ID: GWMW-014-250304			Ground Water	Sampled: 04-Mar-25 11:45
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 11:45	DEDICATED QC	
Containers Supplied:				
Amber VOA HCl (B)				
Amber VOA HCl (C)				
Amber VOA HCl (D)				

Relinquished by: [Signature] Date/Time: 3/7/25 Received by: _____ Date/Time: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____



Subcontract Order

One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

X5C0094

Analysis	Due	HT Expires		
SVL ID: X5C0094-11 Client ID: GWMW-019-R250304			Ground Water	Sampled: 04-Mar-25 13:45
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 13:45	DEDICATED QC	
Containers Supplied: Amber VOA HCl (B) Amber VOA HCl (C) Amber VOA HCl (D)				
SVL ID: X5C0094-12 Client ID: GWMW-020-250304			Ground Water	Sampled: 04-Mar-25 13:45
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 13:45	DEDICATED QC	
Containers Supplied: Amber VOA HCl (B) Amber VOA HCl (C) Amber VOA HCl (D)				
SVL ID: X5C0094-13 Client ID: GWMW-031-250304			Ground Water	Sampled: 04-Mar-25 12:10
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	18-Mar-25 12:10	DEDICATED QC	
Containers Supplied: Amber VOA HCl (B) Amber VOA HCl (C) Amber VOA HCl (D)				
SVL ID: X5C0094-14 Client ID: GWMW-016-250305			Ground Water	Sampled: 05-Mar-25 11:23
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	19-Mar-25 11:23	DEDICATED QC	
Containers Supplied: Amber VOA HCl (B) Amber VOA HCl (C) Amber VOA HCl (D)				
SVL ID: X5C0094-15 Client ID: MWS-1-2-250305			Ground Water	Sampled: 05-Mar-25 09:47
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	19-Mar-25 09:47	DEDICATED QC	
Containers Supplied: Amber VOA HCl (B) Amber VOA HCl (C) Amber VOA HCl (D)				
SVL ID: X5C0094-16 Client ID: GWMW-023-250305			Ground Water	Sampled: 05-Mar-25 09:31
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	19-Mar-25 09:31	DEDICATED QC	
Containers Supplied: Amber VOA HCl (B) Amber VOA HCl (C) Amber VOA HCl (D)				
SVL ID: X5C0094-17 Client ID: MWS-2-1-250305			Ground Water	Sampled: 05-Mar-25 00:00
Spokane County - Sub VOC 8260 (Anatek)	20-Mar-25	19-Mar-25 00:00	DEDICATED QC	
Containers Supplied: Amber VOA HCl (B) Amber VOA HCl (C)				

Relinquished by: [Signature] Date/Time: 3/17/25 Received by: _____ Date/Time: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025

LABORATORY:
ANATEK LAB-MOSCOW
1282 ALTURAS DR
MOSCOW, IDAHO 83843
(208) 883-2839
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509) 924-5223

SHIPPING CO: Anatek Courier
SHIPPING # Mica-250306-1500
OF COOLERS: 2

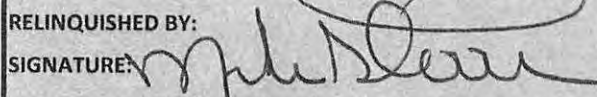
DATE: 3/6/2025

PAGE 1 OF 2

PARAMETERS:			VOLATILES	SEMI VOLATILES	SAMPLERS: Mike Terris Gordie Fiset Craig Campbell		
				BEHP			
			8260C	8270D			
			3-40 ml. VOA'S	1 LITER AMBER GLASS			
			ANATEK LAB	ANATEK LAB			
PRESERVATION:			HCl pH<2	UNPRESERVED	NUMBER OF BOTTLES	COOLER NUMBER	COMMENTS
SAMPLE IDENTIFICATION	DATE	TIME					
GWDW-001-250304	3/4/2025	856	X	X	4	1500	
GWDW-002-250304	3/4/2025	1016	X	X	4	1500	
GWDW-003-250304	3/4/2025	1201	X	X	4	1500	
MWS-1-1-250304	3/4/2025	946	X	X	4	1500	
GWMS-004-250304	3/4/2025	1356	X	X	4	1500	
GWMS-005-250304	3/4/2025	1306	X	X	4	1500	
GWMW-009-250304	3/4/2025	1049	X	X	12	1500	MS/MSD
GWMW-010-250304	3/4/2025	957	X	X	3	1500	
GWMW-013-250304	3/4/2025	1030	X	X	3	1500	
GWMW-014-250304	3/4/2025	1145	X	X	3	1500	
GWMW-019R-250304	3/4/2025	1345	X	X	3	1500	

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP; astewart@spokanecounty.org & mterris@spokanecounty.org

ALL VOCS IN COOLER #10D1

RELINQUISHED BY:
SIGNATURE:  DATE: 3/6/2025
PRINT NAME: Mike S Terris TIME: 0900
COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

RECEIVED BY:
SIGNATURE: _____ DATE: _____
PRINT NAME: _____ TIME: _____
COMPANY: _____

SPOKANE COUNTY CHAIN OF CUSTODY FOR GROUNDWATER SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM
2025

LABORATORY:
ANATEK LAB-MOSCOW
1282 ALTURAS DR
MOSCOW, IDAHO 83843
(208) 883-2839
ATTENTION: Sample Receiving

CLIENT:
SPOKANE COUNTY ENVIROMENTAL SERVICES
22515 N. ELK CHATTAROY RD.
COLBERT, WASHINGTON 99005
(509) 238-6607 FAX (509) 238-6812
MICA (509) 924-5223

SHIPPING CO: Anatek Courier
SHIPPING # Mica-250306-1500
OF COOLERS: 2

DATE: 3/6/2025

PAGE 2 OF 2

PARAMETERS:			VOLATILES	SEMI VOLATILES	SAMPLERS: Mike Terris Gordie Fisette Craig Campbell		
METHOD:			8260C	8270D			
BOTTLES:			3-40 ml. VOA'S	1 LITER AMBER GLASS			
LAB:			ANATEK LAB	ANATEK LAB			
PRESERVATION:			HCl pH<2	UNPRESERVED			
SAMPLE IDENTIFICATION	DATE	TIME			NUMBER OF BOTTLES	COOLER NUMBER	COMMENTS
GWMW-020-250304	3/4/2025	1345			3	1500	
GWMW-031-250304	3/4/2025	1210			3	1500	
GWMW-016-250305	3/5/2025	1123			3	1500	
MWS-1-2-250305	3/5/2025	947			3	1500	
GWMW-023-250305	3/5/2025	931			3	1500	
MWS-2-1-250305	3/5/2025	NA			2	1500	Mica Trip-Blanks

COMMENTS: Please e-mail a sample condition report to Austin and Mike ASAP; astewart@spokanecounty.org & mterris@spokanecounty.org ALL VOC'S IN Cooler #1001

RELINQUISHED BY: SIGNATURE: PRINT NAME: Mike S Terris COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE	RECEIVED BY: SIGNATURE: _____ PRINT NAME: _____ COMPANY: _____
DATE: 3/6/2025 TIME: 0900	DATE: _____ TIME: _____



Sample Receipt and Preservation Form

Client Name: Spo. Coun.TAT: Normal RUSH: _____ daysSamples Received From: FedEx UPS USPS Client Courier Other: _____Custody Seal on Cooler/Box: Yes No Custody Seals Intact: Yes No N/ANumber of Coolers/Boxes: 2 Type of Ice: Wet Ice Ice Packs Dry Ice NonePacking Material: Bubble Wrap Bags Foam/Peanuts Paper None Other: _____Cooler Temp As Read (°C): 2.9°C
2.0°C Cooler Temp Corrected (°C): _____ Thermometer Used: IR-4 IR-6

Samples Received Intact?	<u>Yes</u>	No	N/A
Chain of Custody Present/Complete?	<u>Yes</u>	No	N/A
Labels and Chains Agree?	<u>Yes</u>	No	N/A
Samples Received Within Hold Time?	<u>Yes</u>	No	N/A
Correct Containers Received?	<u>Yes</u>	No	N/A
Anatek Bottles Used?	<u>Yes</u>	<u>No</u>	Unknown
Total Number of Sample Bottles Received:	<u>65</u>		

Comments:

Samples Properly Preserved? Yes No N/A

If No, record preservation and pH-after details

VOC Vials Free of Headpace (<6mm)? Yes No N/AVOC Trip Blanks Present? Yes No N/A

Initial pH:

pH Paper ID:

<2 or	

Record preservatives (and lot numbers, if known) for containers below:

644 HCl VOC8260 x 48 + 6 MS/MSD + 2 TB
61L SVOC 8270 x 7 + 2 MS/MSD

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

emailed for SVL login TB 3/6/25

Received/Inspected By: TB Date/Time: 3/6/25 15:54
Form F19.01 - Eff 1 Dec 2022