



Spokane County

PUBLIC WORKS

May 18, 2022

Department of Ecology
Attn: Sandra Treccani
4601 N. Monroe St., Suite 202
Spokane, WA 99205-1295

RE: Mica Landfill Semi-Annual Performance Report

Dear Sandra,

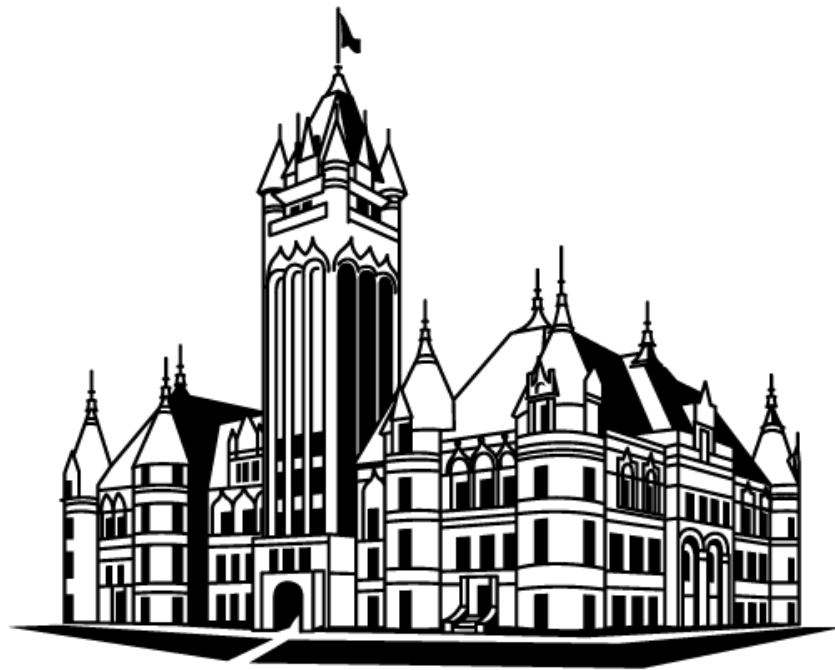
Enclosed is a copy of the Mica Landfill Semi-Annual Performance Report for March 2022.

If you have comments or questions, please call me at (509) 238-6607.

Sincerely,

Austin Stewart
Water Resources Specialist

**MICA LANDFILL
SEMI-ANNUAL PERFORMANCE REPORT
March 2022**



Spokane County
WASHINGTON

Table of Contents

1	INTRODUCTION	1-1
1.1	MICA LANDFILL INFORMATION SUMMARY	1-2
	<i>Mica Landfill Site Map</i>	1-4
	<i>Mica Landfill RA Compliance Monitoring Wells</i>	1-5
	<i>Mica Landfill Sampling Schedule</i>	1-6
2	GROUNDWATER	2-1
2.1	GROUNDWATER DATA/SUMMARIES	2-2
	<i>PROBLEMS/ DEVIATIONS</i>	2-2
	<i>FIELD DATA</i>	2-2
	<i>CRITERIA EXCEEDANCES</i>	2-2
	<i>CHEMICAL DATA</i>	2-3
	<i>CONTINGENCY RESPONSE ACTIONS</i>	2-3
	<i>Mica Landfill Field Parameters</i>	2-4
	Criteria Exceedances	2-5
	<i>Criteria Exceedances – Summary of changes from 2021 to 2022:</i>	2-6
	<i>Mica Landfill Groundwater Analytical Results</i>	2-7
	Analyte Criteria Exceedance Time-Series Graphs	2-9
	<i>NW Drainage Monitoring Wells: Conventional Time-Series Graphs</i>	2-9
	<i>NW Drainage Monitoring Wells: VOCs/SVOCs Time-Series Graphs</i>	2-9
	<i>NW Analyte Concentrations: Summary of 5-year and 1-year differences:</i>	2-10
	<i>SW MW-16 Monitoring Well: Inorganics Time-Series Graphs</i>	2-15
	<i>MW-016 Analyte Concentrations: Summary of 5-year and 1-year differences:</i>	2-16
	<i>South Drainage Wells: Conventional Time-Series Graphs</i>	2-17
	<i>South Drainage Wells: Inorganics Time-Series Graphs</i>	2-18
	<i>South Analyte Concentrations: Summary of 5-year and 1-year differences:</i>	2-19
	<i>SE Drainage Wells: Conventional Time-Series Graphs</i>	2-21
	<i>SE Analyte Concentrations: Summary of 5-year and 1-year differences:</i>	2-22
	<i>Domestic Wells: Inorganics Time-Series Graphs</i>	2-23
	<i>Domestic Wells: Conventional Time-Series Graphs</i>	2-23
3	LEACHATE	3-1
3.1	LEACHATE DATA	3-1
	APPENDIX A: DATA VALIDATION SUMMARY	A
	APPENDIX B: GROUNDWATER SAMPLING FIELD SHEETS	B
	APPENDIX C: GROUNDWATER SAMPLING LABORATORY RESULTS	C

Tables

<i>Table 1-1 Mica Landfill Summary of Indicator Analytes and Cleanup Levels</i>	<i>1-3</i>
<i>Table 1-2: Mica Landfill Summary Groundwater Monitoring Wells</i>	<i>1-5</i>
<i>Table 1-3 Mica Landfill Sampling Schedule</i>	<i>1-6</i>
<i>Table 2-1 Mica Landfill Field Parameters Summary</i>	<i>2-4</i>
<i>Table 2-2: Criteria Exceedances for Reporting Period.....</i>	<i>2-5</i>
<i>Table 2-3: Groundwater Analytical Results for the Reporting Period.....</i>	<i>2-7</i>

Figures

<i>Figure 1-1: Mica Landfill Site Map</i>	<i>1-4</i>
<i>Figure 2-1: Northwest Monitoring Wells Nitrate Concentrations vs. Time.....</i>	<i>2-9</i>
<i>Figure 2-2: Northwest Monitoring Wells PCE Concentrations vs. Time</i>	<i>2-9</i>
<i>Figure 2-3: SW Monitoring Well MW-16 1,2-DCA Concentrations vs. Time</i>	<i>2-12</i>
<i>Figure 2-4: SW Monitoring Well MW-16 1,2-DCP Concentrations vs. Time</i>	<i>2-12</i>
<i>Figure 2-5: SW Monitoring Well MW-16 Acetone Results vs. Time</i>	<i>2-13</i>
<i>Figure 2-6: SW Monitoring Well MW16 Benzene Results vs. Time</i>	<i>2-13</i>
<i>Figure 2-7: SW Monitoring Well MW-16 VC Results vs. Time</i>	<i>2-14</i>
<i>Figure 2-8: SW Monitoring Well MW-16 Arsenic Results vs. Time</i>	<i>2-15</i>
<i>Figure 2-9: SW Monitoring Well MW-16 Barium Results vs. Time.....</i>	<i>2-15</i>
<i>Figure 2-10: South Drainage Monitoring Wells Nitrate Results vs. Time</i>	<i>2-17</i>
<i>Figure 2-11: South Drainage Monitoring Wells Arsenic Results vs. Time.....</i>	<i>2-18</i>
<i>Figure 2-12: South Drainage Monitoring Wells Lead Results vs. Time.....</i>	<i>2-18</i>
<i>Figure 2-13: Southeast Monitoring Wells Nitrate Results vs. Time</i>	<i>2-21</i>
<i>Figure 2-14: Southeast Monitoring Wells Alkalinity Results vs. Time</i>	<i>2-21</i>
<i>Figure 2-15: Domestic Wells Zinc Results vs. Time.....</i>	<i>2-23</i>
<i>Figure 2-16: Domestic Wells Nitrate Results vs. Time</i>	<i>2-23</i>

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 2021 through March 2022.
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 2021 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
Conventionals		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

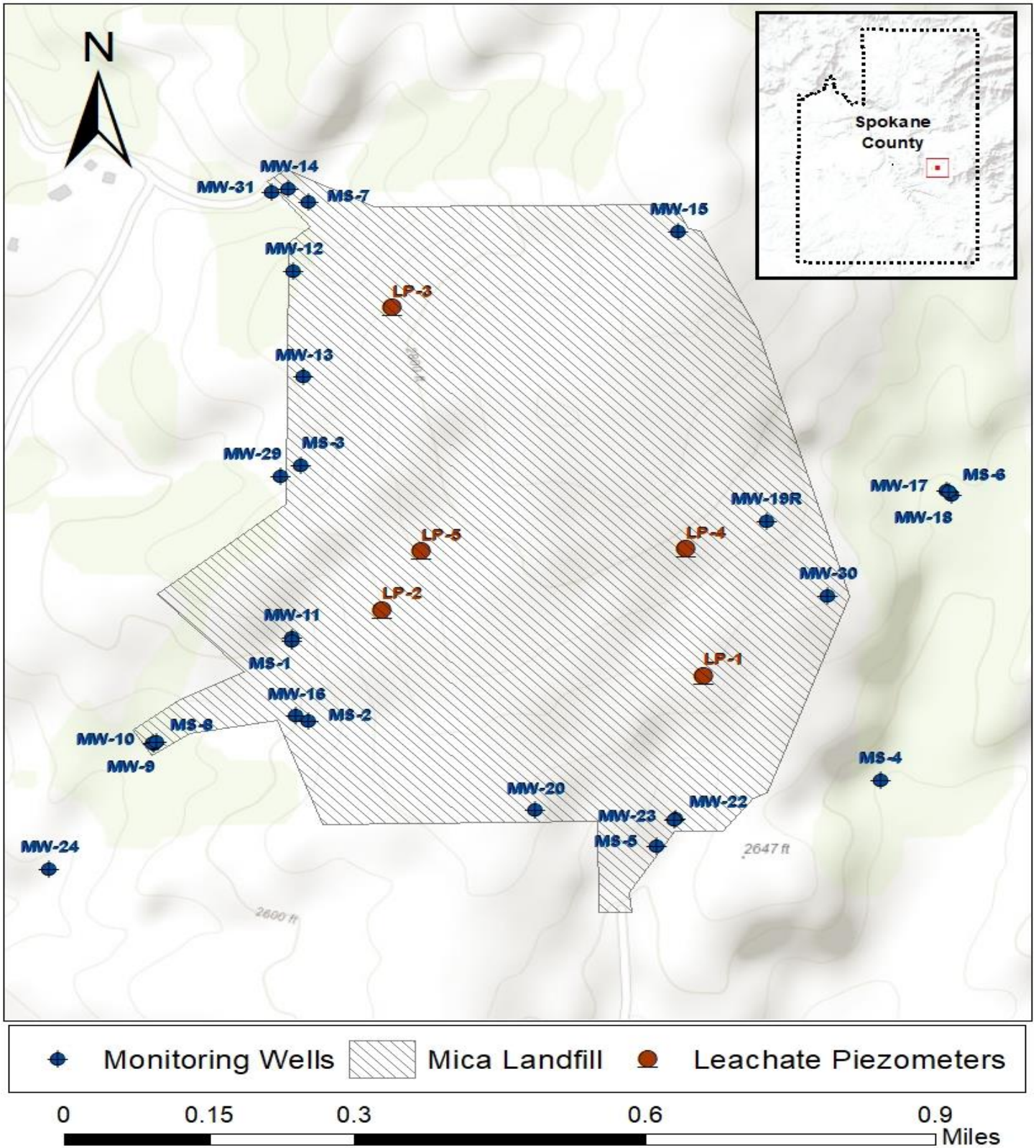


Figure 1-1: Mica Landfill Site Map

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

During the March 2022 sampling event, the water level was not measured at domestic well DW-2 due to an obstruction blocking the water level port. Furthermore, DW-1 continues to be inoperable since its malfunction after the September 2021 annual sampling event, and a groundwater sample was unobtainable.

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 for MW-29 and MW-31 exceeded the cleanup criteria during the March 2022 sampling event. While nitrate concentrations for MW-29 appear to be relatively stable/slightly decreasing, nitrate concentrations for MW-31 appear to be increasing significantly since the cessation of declining nitrate concentrations through March 2020, and could be associated with the decline in nitrate concentrations for MW-13.

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 2021 and March 2022 sampling events. VOCs that had concentrations above the clean-up criteria included 1,2-DCA, 1,2-DCP, acetone, benzene, and vinyl chloride. The concentrations for arsenic and barium were also above the criteria for MW-16 during the December 2021 and March 2022 sampling events. Any constituents that exhibited laboratory detections for 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 for MS-5 and MW-20 exceeded the cleanup criteria during the March 2022 sampling event. MW-20 also exhibited concentrations for arsenic and lead that exceeded the criteria during this reporting period. There appears to be somewhat high variation and seasonality associated with the arsenic and lead concentrations for 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 had nitrate concentrations above the clean-up criteria during the March 2022 sampling event. Nitrate concentrations at MW-19R appear to be relatively stable, while concentrations at MS-4 continue to increase. 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)

The zinc levels at DW-2 exceeded the clean-up criteria during the September 2021 sampling event, but concentrations dropped below the clean-up criteria for the March 2022 sampling event. Domestic Well DW-3 continues to exhibit nitrate concentrations above the criteria of 0.8 mg/L. Nitrate concentrations for DW-2 dropped below the cleanup criteria for the March 2022 sampling event, and concentrations continue to decrease concurrently with the other 2 domestic wells.

CHEMICAL DATA

All analytical results for this reporting period are shown in Table 2-3. 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.

CONTINGENCY RESPONSE ACTIONS

DW-1 continues to be inoperable since its malfunction after the September 2021 annual sampling event, and a groundwater sample was unobtainable during this reporting period. When the well is functional, County personnel will travel to the well location to obtain a groundwater sample to assess current constituent concentrations and compile a residential well water quality report. The laboratory results from this sample will be presented in the annual September 2022 remedial progress report.

The zinc concentrations found at DW-2 were above the cleanup criteria during the March 2021 sampling event, but dropped below the cleanup criteria for both September 2021 and March 2022 sampling events. Zinc concentrations continue to decrease after Fogle Pump replaced 160' of 1-1/4" galvanized pipe on 3/29/2019 due to a pump failure.

The nitrate concentrations at domestic well DW-3 continue to be above the clean-up criteria. As stated in previous reports, Domestic well DW-3 has historically shown an increasing trend in nitrate while the two south drainage monitoring wells upgradient from this well show decreasing nitrate trends.

Mica Landfill Field Parameters

Table 2-1 Mica Landfill Field Parameters Summary

StationID	SampleDate	Temp	PH	Conductivity	Turbidity	WElev
DW-002	3/8/2022	10.9	6.93	340	0.45	
DW-003	3/8/2022	11	7.53	351	0.23	2393.35
MS-004	3/8/2022	9	6.93	437	1.38	2513.65
MS-005	3/8/2022	10.3	6.76	307	1.4	2557.43
MW-009	3/9/2022	5.8	7.03	406	3.46	2494.41
MW-010	3/8/2022	9.7	7.34	142	0.21	2493.86
MW-013	3/8/2022	9.8	6.9	389	0.87	2667.72
MW-014	3/8/2022	8.9	7.08	134	1.99	2591.06
MW-016	12/7/2021	9.5	6.96	2170	2.14	2535.76
MW-016	3/9/2022	10	6.87	1710	1.1	2535.93
MW-019R	3/8/2022	10.3	6.72	233	1.54	2688.30
MW-020	3/8/2022	11.8	7.28	527	12.04	2586.03
MW-023	3/9/2022	10.4	7.28	730	189	2558.88
MW-029	3/9/2022	8.9	6.32	653	1.13	2588.04
MW-031	3/8/2022	8.8	6.79	106	4.99	2589.81

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-003	3/8/2022	N-Nitrate	0.8	1.72	0.05		mg/L	C	Domestic
MW-029	3/9/2022	N-Nitrate	0.8	0.882	0.05		mg/L	C	Northwest
MW-031	3/8/2022	N-Nitrate	0.8	1.26	0.05		mg/L	C	Northwest
MS-005	3/8/2022	N-Nitrate	0.8	1.42	0.05		mg/L	C	South
MS-005	3/8/2022	N-Nitrate	0.8	1.41	0.05		mg/L	C	South
MW-020	3/8/2022	N-Nitrate	0.8	2.02	0.05		mg/L	C	South
MW-020	3/8/2022	Arsenic	0.005	0.00696	0.003		mg/L	I	South
MW-020	3/8/2022	Lead	0.015	0.0516	0.015		mg/L	I	South
MS-004	3/8/2022	N-Nitrate	0.8	10.1	0.5	D	mg/L	C	Southeast
MW-019R	3/8/2022	N-Nitrate	0.8	1.26	0.05		mg/L	C	Southeast
MW-016	12/7/2021	Arsenic	0.005	0.0722	0.003		mg/L	I	Southwest
MW-016	3/9/2022	Arsenic	0.005	0.059	0.003		mg/L	I	Southwest
MW-016	12/7/2021	Barium	0.56	0.633	0.004		mg/L	I	Southwest
MW-016	3/9/2022	Barium	0.56	0.58	0.004		mg/L	I	Southwest
MW-016	12/7/2021	1,2-Dichloroethane	1.2	2.7	1		ug/L	V	Southwest
MW-016	3/9/2022	1,2-Dichloroethane	1.2	2.23	0.5		ug/L	V	Southwest
MW-016	12/7/2021	1,2-Dichloropropane	0.643	15.1	1		ug/L	V	Southwest
MW-016	3/9/2022	1,2-Dichloropropane	0.643	13.3	0.5		ug/L	V	Southwest
MW-016	12/7/2021	Acetone	688	740	125	D	ug/L	V	Southwest
MW-016	12/7/2021	Benzene	0.795	13	1		ug/L	V	Southwest
MW-016	3/9/2022	Benzene	0.795	11.7	0.5		ug/L	V	Southwest
MW-016	12/7/2021	Vinyl Chloride	0.023	1.04	1		ug/L	V	Southwest
MW-016	3/9/2022	Vinyl Chloride	0.023	1.17	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 2021 to 2022:

StationID	Drainage	Analyte	Summary of change
DW-002	Domestic	N-Nitrate	Decreased from exceedance in 2021 to no exceedance in 2022
DW-002	Domestic	Zinc	Decreased from exceedance in 2021 to no exceedance in 2022
MW-020	South	Arsenic	Increased from no exceedance in 2021 to exceedance in 2022
MW-020	South	Lead	Increased from no exceedance in 2021 to exceedance in 2022
MW-031	Northwest	N-Nitrate	Increased from no exceedance in 2021 to exceedance in 2022
MW-016	Southwest	Acetone	Increased from no exceedance in 2021 to exceedance in 2022

Mica Landfill Groundwater Analytical Results

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

Analyte	Date	AnalyteCat	Units	DW-002	DW-003	MS-004	MS-005	MW-009	MW-010	MW-013	MW-014	MW-016	MW-019R	MW-020	MW-023	MW-029	MW-031
ALK	3-2022	C	mg/L as Ca	161	192	177	115	200	95.1	202	80.3	1300	106	246	331	105	44.5
Cl	3-2022	C	mg/L	6.2	0.85	0.68	21.7	10.8	0.45	8.69	0.8	166	6.16	7.52	47.8	144	1.9
N-NH3	12-2021	C	mg/L									0.401					
N-NH3	3-2022	C	mg/L	0.03U	0.03U	0.144	0.03U	0.03U	0.03U	0.03U	0.03U	0.484	0.03U	0.03U	0.03U	0.03U	0.03U
N-NO3	3-2022	C	mg/L	0.764	1.72	10.1	1.42	0.137	0.24	0.381	0.05U	1.25UD	1.26	2.02	0.05U	0.882	1.26
SO4	3-2022	C	mg/L	6.65	1.25	9.84	15.7	3.17	0.74	3.31	9.09	7.5UD	4.65	6.57	9.02	7.27	4.47
TDS	3-2022	C	mg/L			264	189	255	108	173	93	1390	117	293	456	374	103
TOC	12-2021	C	mg/L									41.9					
TOC	3-2022	C	mg/L	1U	1U	1.62	1.44	2.81	1U	1.23	1U	29	1.15	1.26	3.05	1.09	6.61
As	12-2021	I	mg/L									0.0722					
As	3-2022	I	mg/L	0.003U	0.003U	0.003U	0.003U	0.003U	0.003U	0.003U	0.003U	0.059	0.003U	0.00696	0.003U	0.003U	0.003U
Ba	12-2021	I	mg/L									0.633					
Ba	3-2022	I	mg/L	0.0323	0.0284	0.0891	0.0459	0.116	0.044	0.0486	0.004U	0.58	0.0328	0.458	0.128	0.1	0.0411
Hg	12-2021	I	mg/L									0.0002U					
Hg	3-2022	I	mg/L	0.0002U	0.0002U	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	12-2021	I	mg/L									0.522					
Mn	3-2022	I	mg/L	0.0147	0.008U	0.0222	0.008U	0.139	0.008U	0.008U	0.16	0.433	0.008U	0.262	0.858	0.008U	0.0129
Pb	12-2021	I	mg/L									0.015U					
Pb	3-2022	I	mg/L	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U	0.0516	0.015U	0.015U	0.015U
Va	12-2021	I	mg/L									0.005U					
Va	3-2022	I	mg/L	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.005U	0.0058	0.005U	0.005U	0.005U
Zn	12-2021	I	mg/L									0.01U					
Zn	3-2022	I	mg/L	0.354	0.0954	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U	0.0836	0.01U	0.01U	0.01U
BEHP	3-2022	S	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U								0.5U	
1,2-DCA	12-2021	V	ug/L									2.7					
1,2-DCA	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	2.23	0.5U	0.5U	0.5U	0.5U	0.5U

Analyte	Date	AnalyteCat	Units	DW-002	DW-003	MS-004	MS-005	MW-009	MW-010	MW-013	MW-014	MW-016	MW-019R	MW-020	MW-023	MW-029	MW-031
1,2-DCP	12-2021	V	ug/L									15.1					
1,2-DCP	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	13.3	0.5U	0.5U	0.5U	0.5U	0.5U
Acetone	12-2021	V	ug/L									740					
Acetone	3-2022	V	ug/L	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	123	2.5U	2.5U	2.5U	2.5U	2.5U
Benzene	12-2021	V	ug/L									13					
Benzene	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	11.7	0.5U	0.5U	0.5U	0.5U	0.5U
cis-1,2-DCE	12-2021	V	ug/L									5.02					
cis-1,2-DCE	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	2.16	0.5U	0.5U	0.5U	0.5U	0.5U
Ethylbenzene	12-2021	V	ug/L									63					
Ethylbenzene	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	53.8	0.5U	0.5U	0.5U	0.5U	0.5U
m+p-Xylene	12-2021	V	ug/L									43.6					
m+p-Xylene	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	35.5	0.5U	0.5U	0.5U	0.5U	0.5U
MC	12-2021	V	ug/L									5U					
MC	3-2022	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	12-2021	V	ug/L									18.8					
O-Xylene	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	16.3	0.5U	0.5U	0.5U	0.5U	0.5U
PCE	12-2021	V	ug/L									1U					
PCE	3-2022	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	0.52	0.5U
TCE	12-2021	V	ug/L									1U					
TCE	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5	0.5U	0.5U	0.5U	0.5U	0.5U
Toluene	12-2021	V	ug/L									12.6					
Toluene	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	5.28	0.5U	0.5U	0.5U	0.5U	0.5U
VC	12-2021	V	ug/L									1.04					
VC	3-2022	V	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	1.17	0.5U	0.5U	0.5U	0.5U	0.5U

Blue bold indicates concentration 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

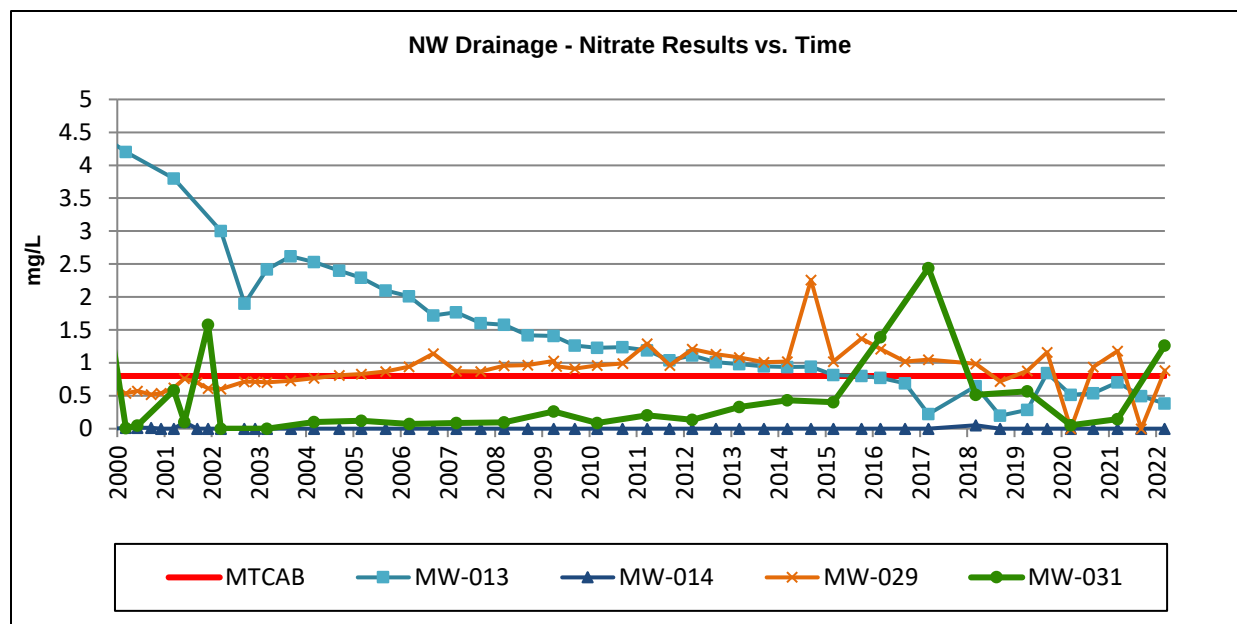


Figure 2-1: Northwest Monitoring Wells Nitrate Concentrations vs. Time

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

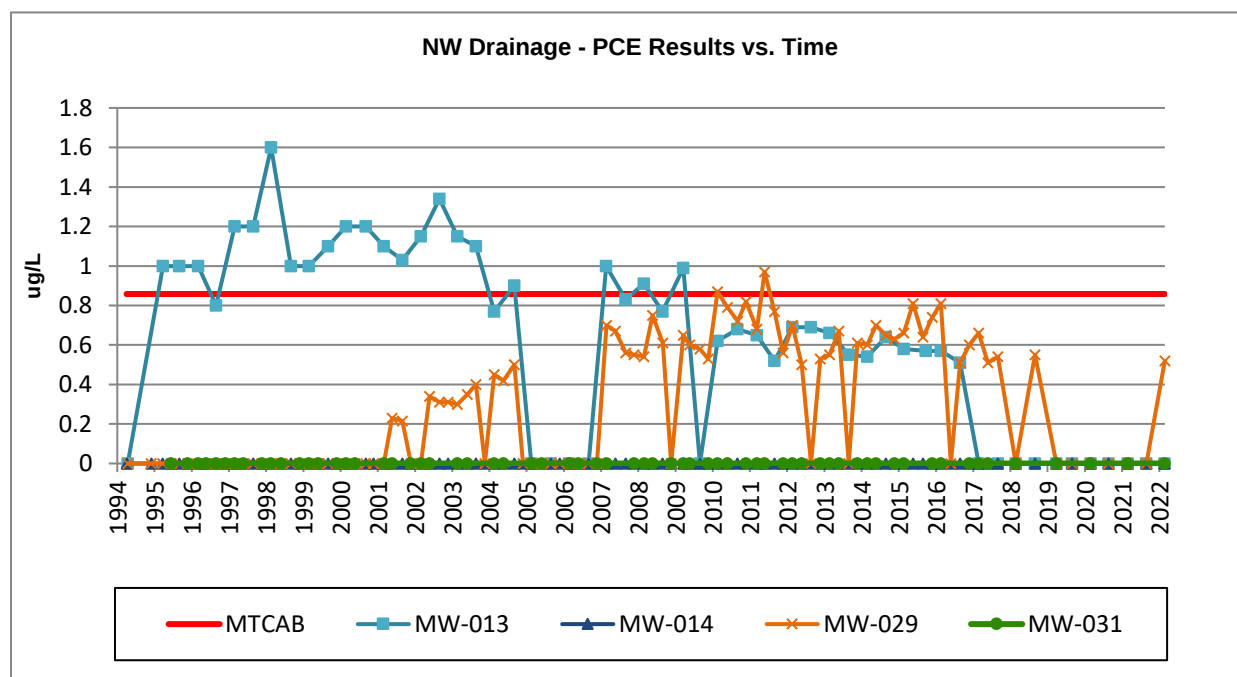


Figure 2-2: Northwest Monitoring Wells PCE Concentrations vs. Time

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

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
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	ALK	210	195	202	-8	7	mg/L as Ca
MW-013	Northwest	As	0	0	0	0	0	mg/L
MW-013	Northwest	Ba	0.0524	0.0522	0.0486	-0.0038	-0.0036	mg/L
MW-013	Northwest	Benzene	0	0	0	0	0	ug/L
MW-013	Northwest	Cl	10.4	8.98	8.69	-1.71	-0.29	mg/L
MW-013	Northwest	DCA	1.18	1.02	0.83	-0.35	-0.19	ug/L
MW-013	Northwest	MC	0	0	0	0	0	ug/L
MW-013	Northwest	Mn	0	0	0	0	0	mg/L
MW-013	Northwest	N-NH3	0	0	0	0	0	mg/L
MW-013	Northwest	N-NO3	0.221	0.704	0.381	0.16	-0.323	mg/L
MW-013	Northwest	Pb	0	0	0	0	0	mg/L
MW-013	Northwest	PCE	0	0	0	0	0	ug/L
MW-013	Northwest	SO4	4.99	3.72	3.31	-1.68	-0.41	mg/L
MW-013	Northwest	TCE	0	0	0	0	0	ug/L
MW-013	Northwest	TDS	269	242	173	-96	-69	mg/L
MW-013	Northwest	TOC	1.47	1.25	1.23	-0.24	-0.02	mg/L
MW-013	Northwest	Toluene	0	0	0	0	0	ug/L
MW-013	Northwest	VC	0	0	0	0	0	ug/L
MW-013	Northwest	Zn	0	0	0	0	0	mg/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	ALK	75.1	80.3	80.3	5.2	0	mg/L as Ca
MW-014	Northwest	As	0	0	0	0	0	mg/L
MW-014	Northwest	Ba	0	0	0	0	0	mg/L
MW-014	Northwest	Benzene	0	0	0	0	0	ug/L
MW-014	Northwest	Cl	0.74	0.79	0.8	0.06	0.01	mg/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	Mn	0.239	0.205	0.16	-0.079	-0.045	mg/L
MW-014	Northwest	N-NH3	0	0	0	0	0	mg/L
MW-014	Northwest	N-NO3	0	0	0	0	0	mg/L
MW-014	Northwest	Pb	0	0	0	0	0	mg/L
MW-014	Northwest	PCE	0	0	0	0	0	ug/L
MW-014	Northwest	SO4	9.4	9.39	9.09	-0.31	-0.3	mg/L
MW-014	Northwest	TCE	0	0	0	0	0	ug/L
MW-014	Northwest	TDS	126	127	93	-33	-34	mg/L
MW-014	Northwest	TOC	0	0	0	0	0	mg/L
MW-014	Northwest	Toluene	0	0	0	0	0	ug/L
MW-014	Northwest	VC	0	0	0	0	0	ug/L
MW-014	Northwest	Zn	0	0	0	0	0	mg/L
MW-029	Northwest	1,2-DCP	0	0	0	0	0	ug/L
MW-029	Northwest	Acetone	0	0	0	0	0	ug/L
MW-029	Northwest	ALK	73.9	95.8	105	31.1	9.2	mg/L as Ca

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
MW-029	Northwest	As	0	0	0	0	0	mg/L
MW-029	Northwest	Ba	0.105	0.103	0.1	-0.005	-0.003	mg/L
MW-029	Northwest	Benzene	0	0	0	0	0	ug/L
MW-029	Northwest	Cl	163	143	144	-19	1	mg/L
MW-029	Northwest	DCA	0	0	0	0	0	ug/L
MW-029	Northwest	MC	0	0	0	0	0	ug/L
MW-029	Northwest	Mn	0	0	0	0	0	mg/L
MW-029	Northwest	N-NH3	0	0	0	0	0	mg/L
MW-029	Northwest	N-NO3	1.05	1.18	0.882	-0.168	-0.298	mg/L
MW-029	Northwest	Pb	0	0	0	0	0	mg/L
MW-029	Northwest	PCE	0.66	0	0.52	-0.14	0.52	ug/L
MW-029	Northwest	SO4	6.75	7.2	7.27	0.52	0.07	mg/L
MW-029	Northwest	TCE	0	0	0	0	0	ug/L
MW-029	Northwest	TDS	464	408	374	-90	-34	mg/L
MW-029	Northwest	TOC	0	0	1.09	1.09	1.09	mg/L
MW-029	Northwest	Toluene	0	0	0	0	0	ug/L
MW-029	Northwest	VC	0	0	0	0	0	ug/L
MW-029	Northwest	Zn	0	0	0	0	0	mg/L
MW-031	Northwest	1,2-DCP	0	0	0	0	0	ug/L
MW-031	Northwest	Acetone	0	0	0	0	0	ug/L
MW-031	Northwest	ALK	31	62.9	44.5	13.5	-18.4	mg/L as Ca
MW-031	Northwest	As	0	0	0	0	0	mg/L
MW-031	Northwest	Ba	0.0323	0.0473	0.0411	0.0088	-0.0062	mg/L
MW-031	Northwest	Benzene	0	0	0	0	0	ug/L
MW-031	Northwest	Cl	2.19	2.07	1.9	-0.29	-0.17	mg/L
MW-031	Northwest	DCA	0	0	0	0	0	ug/L
MW-031	Northwest	MC	0	0	0	0	0	ug/L
MW-031	Northwest	Mn	0	0	0.0129	0.0129	0.0129	mg/L
MW-031	Northwest	N-NH3	0	0	0	0	0	mg/L
MW-031	Northwest	N-NO3	2.44	0.143	1.26	-1.18	1.117	mg/L
MW-031	Northwest	Pb	0	0	0	0	0	mg/L
MW-031	Northwest	PCE	0	0	0	0	0	ug/L
MW-031	Northwest	SO4	4.8	4.57	4.47	-0.33	-0.1	mg/L
MW-031	Northwest	TCE	0	0	0	0	0	ug/L
MW-031	Northwest	TDS	111	130	103	-8	-27	mg/L
MW-031	Northwest	TOC	5.78	4.54	6.61	0.83	2.07	mg/L
MW-031	Northwest	Toluene	0	0	0	0	0	ug/L
MW-031	Northwest	VC	0	0	0	0	0	ug/L
MW-031	Northwest	Zn	0	0	0	0	0	mg/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

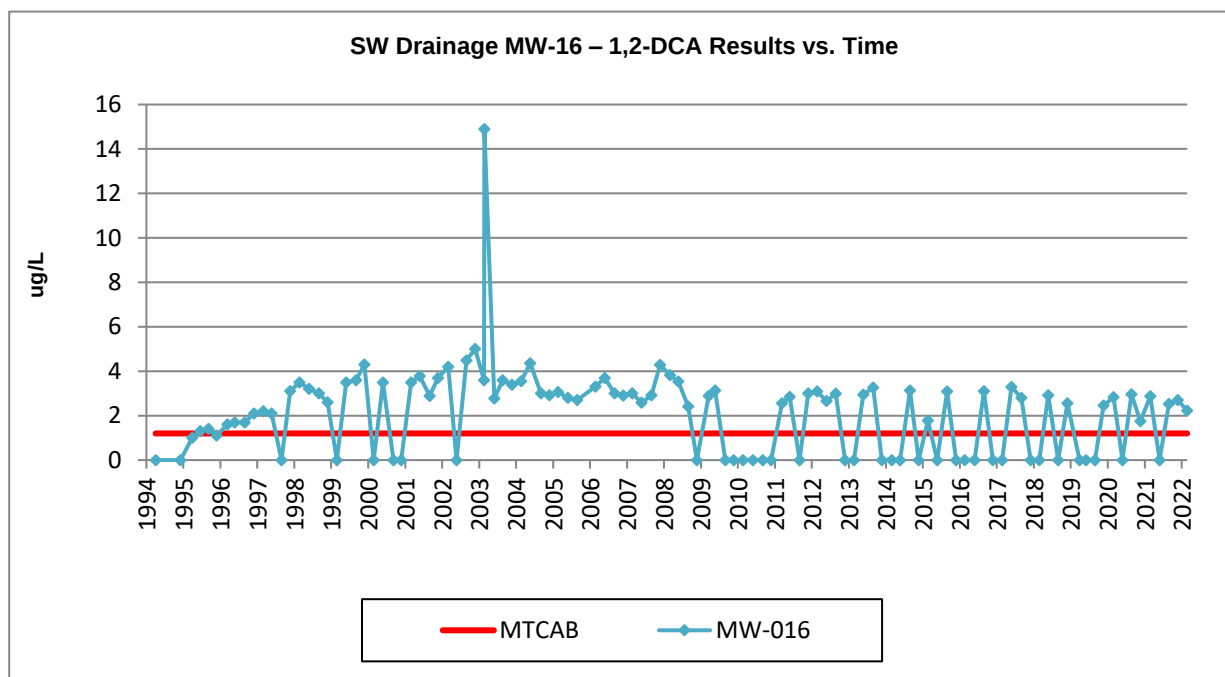


Figure 2-3: SW Monitoring Well MW-16 1,2-DCA Concentrations vs. Time

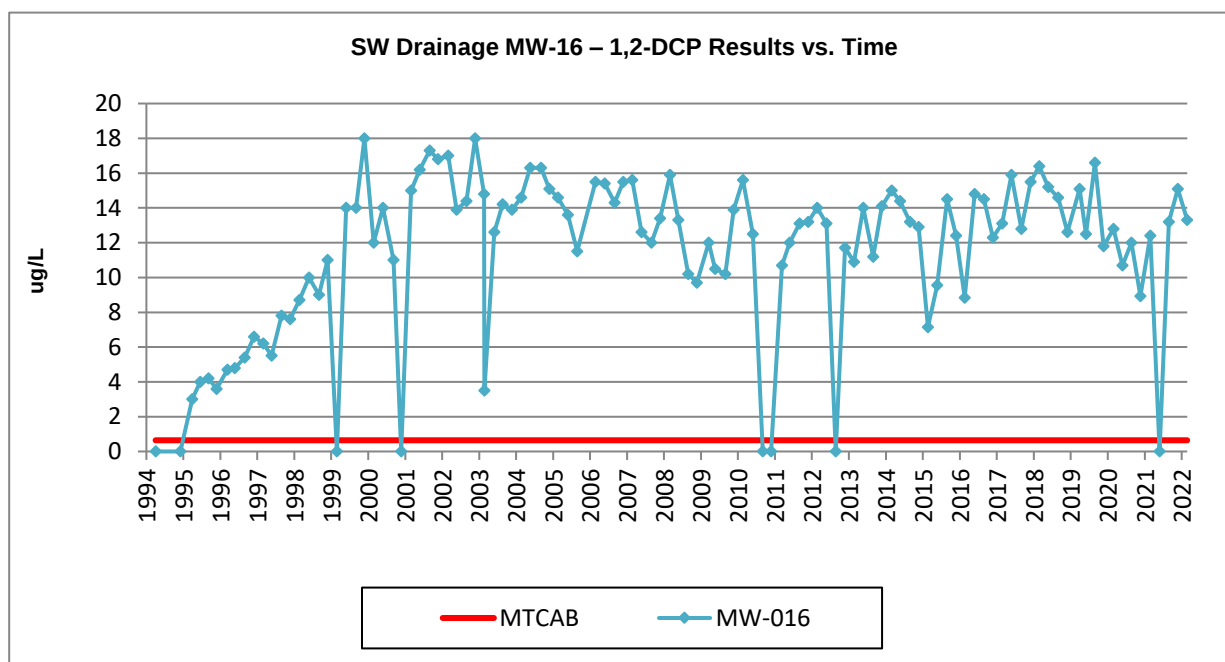


Figure 2-4: SW Monitoring Well MW-16 1,2-DCP Concentrations vs. Time

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

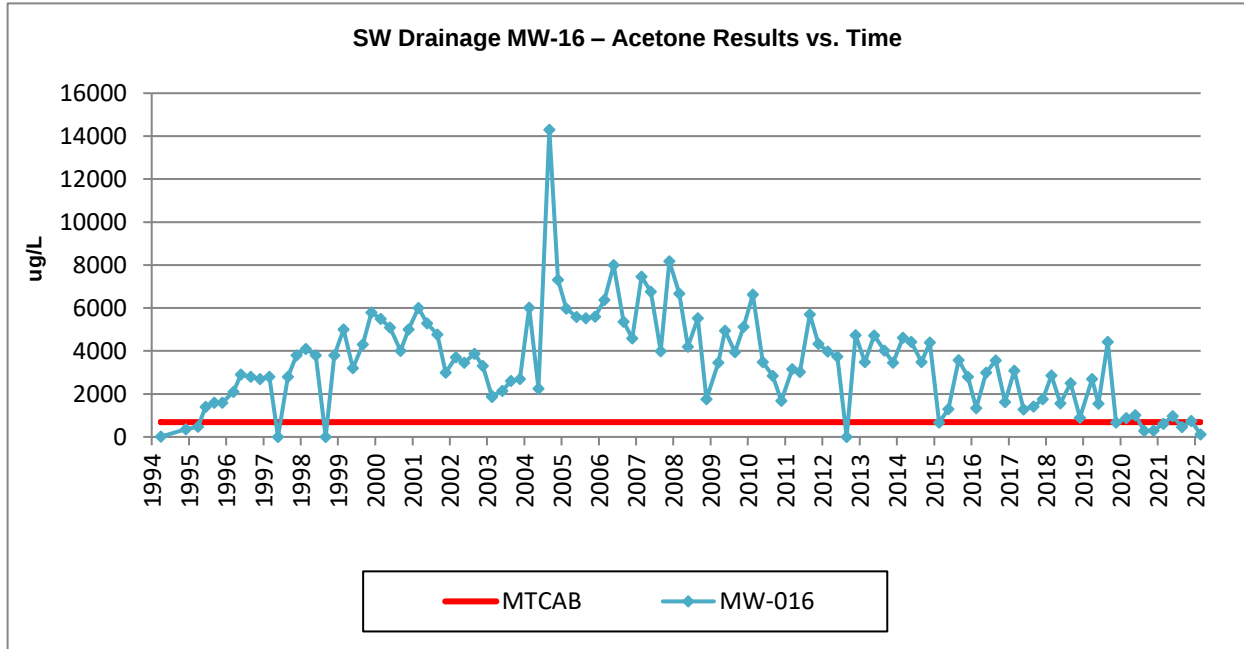


Figure 2-5: SW Monitoring Well MW-16 Acetone Results vs. Time

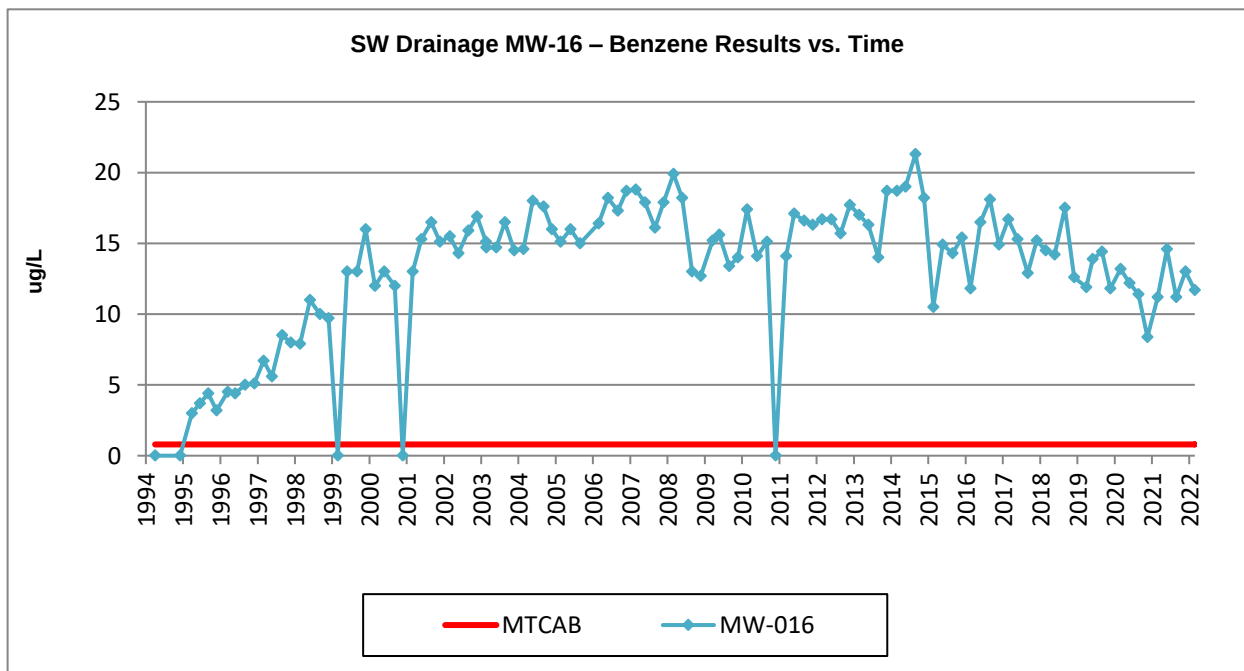


Figure 2-6: SW Monitoring Well MW16 Benzene Results vs. Time

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

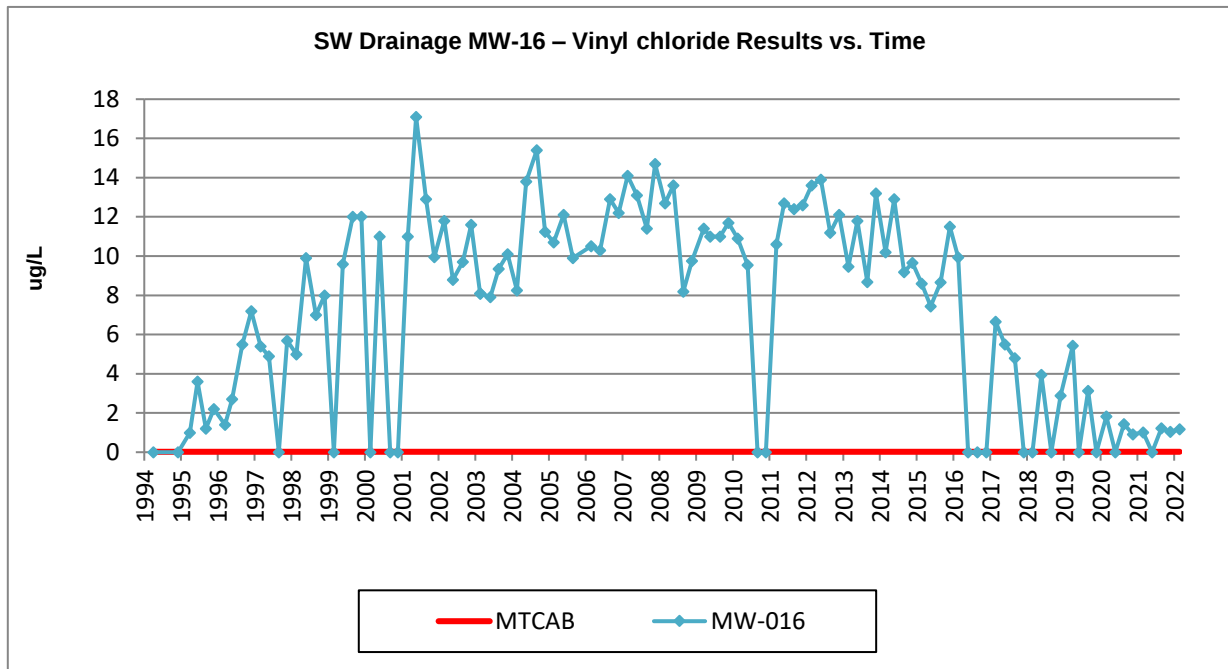


Figure 2-7: SW Monitoring Well MW-16 VC Results vs. Time

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

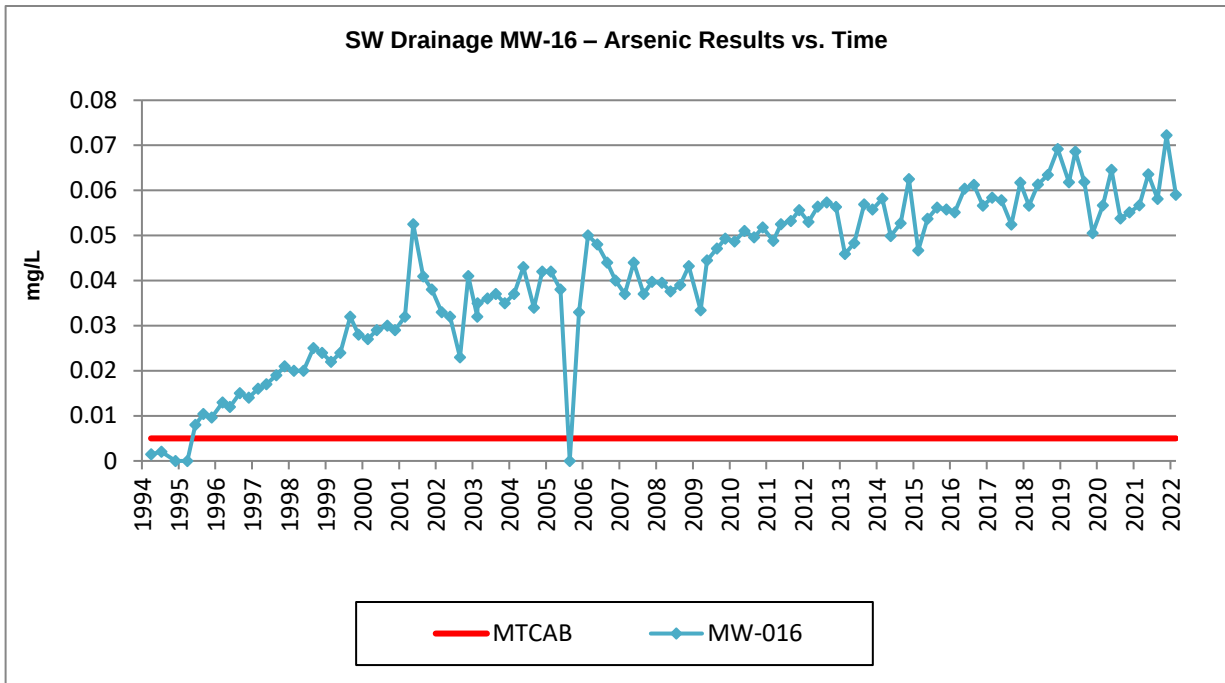


Figure 2-8: SW Monitoring Well MW-16 Arsenic Results vs. Time

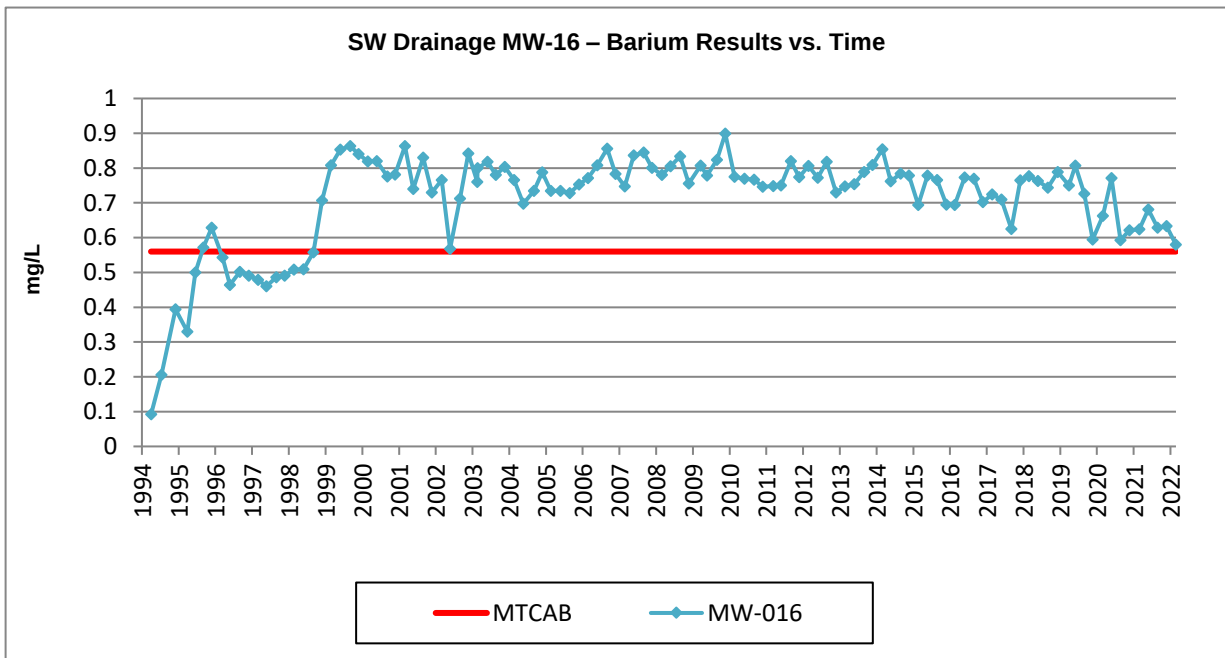


Figure 2-9: SW Monitoring Well MW-16 Barium Results vs. Time

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

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
MW-016	Southwest	1,2-DCP	13.1	12.4	13.3	0.2	0.9	ug/L
MW-016	Southwest	Acetone	3090	605	123	-2967	-482	ug/L
MW-016	Southwest	ALK	1540	1290	1300	-240	10	mg/L as Ca
MW-016	Southwest	As	0.0584	0.0567	0.059	0.0006	0.0023	mg/L
MW-016	Southwest	Ba	0.724	0.624	0.58	-0.144	-0.044	mg/L
MW-016	Southwest	Benzene	16.7	11.2	11.7	-5	0.5	ug/L
MW-016	Southwest	Cl	167	154	166	-1	12	mg/L
MW-016	Southwest	DCA	8.27	5.44	6.05	-2.22	0.61	ug/L
MW-016	Southwest	MC	0	0	0	0	0	ug/L
MW-016	Southwest	Mn	1.05	0.411	0.433	-0.617	0.022	mg/L
MW-016	Southwest	N-NH3	0.187	0.465	0.484	0.297	0.019	mg/L
MW-016	Southwest	N-NO3	0.583	0	0	-0.583	0	mg/L
MW-016	Southwest	Pb	0	0	0	0	0	mg/L
MW-016	Southwest	PCE	0	0	0	0	0	ug/L
MW-016	Southwest	SO4	1.06	0.35	0	-1.06	-0.35	mg/L
MW-016	Southwest	TCE	0	0.58	0.5	0.5	-0.08	ug/L
MW-016	Southwest	TDS	1690	1540	1390	-300	-150	mg/L
MW-016	Southwest	TOC	161	34.7	29	-132	-5.7	mg/L
MW-016	Southwest	Toluene	50.5	7.27	5.28	-45.22	-1.99	ug/L
MW-016	Southwest	VC	6.65	1.01	1.17	-5.48	0.16	ug/L
MW-016	Southwest	Zn	0	0	0	0	0	mg/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

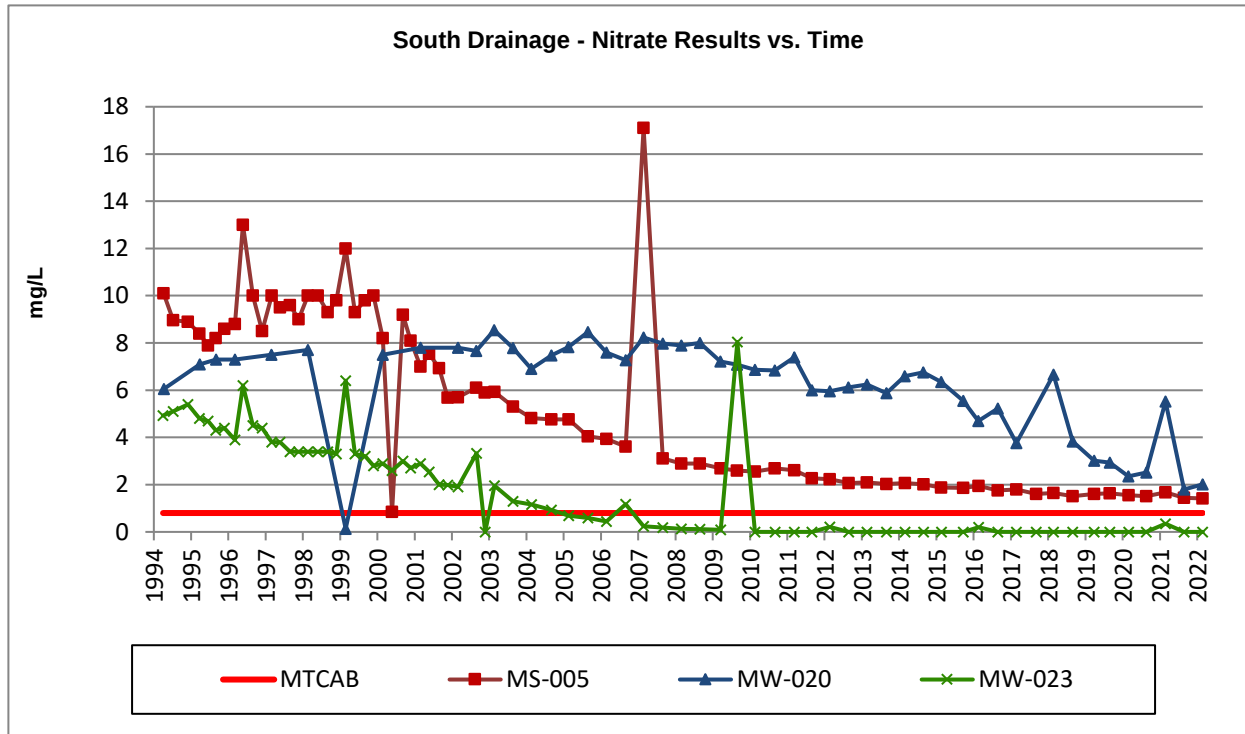


Figure 2-10: South Drainage Monitoring Wells Nitrate Results vs. Time

South Drainage Wells: Inorganics Time-Series Graphs

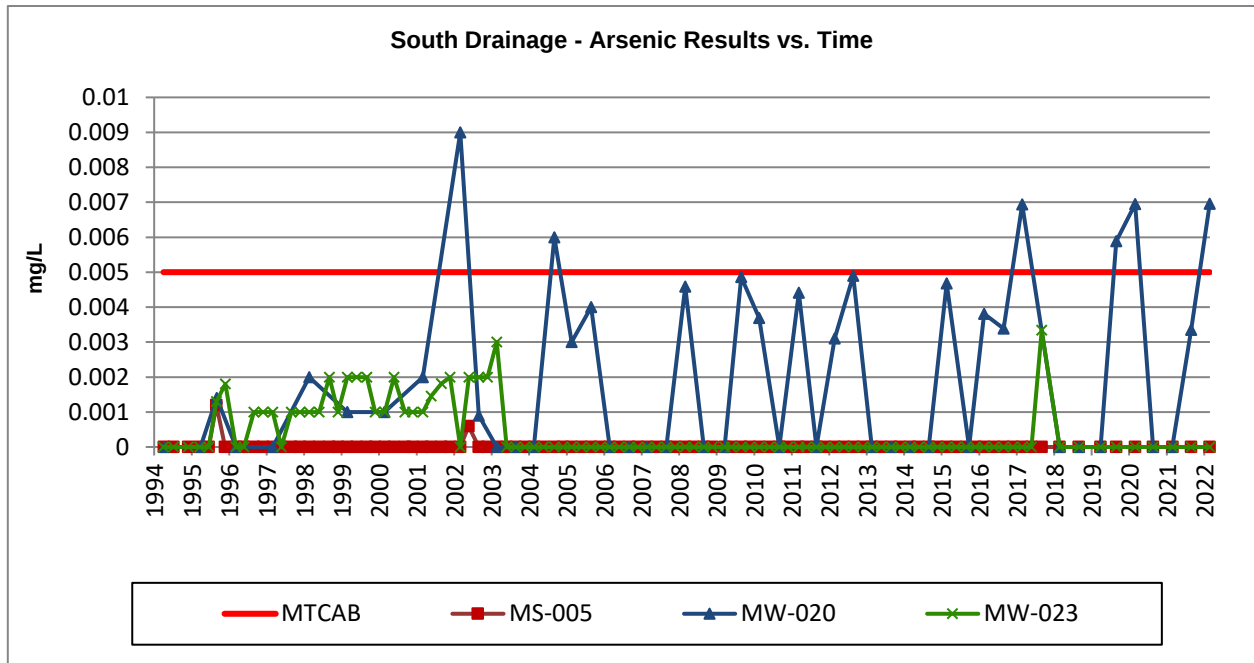


Figure 2-11: South Drainage Monitoring Wells Arsenic Results vs. Time

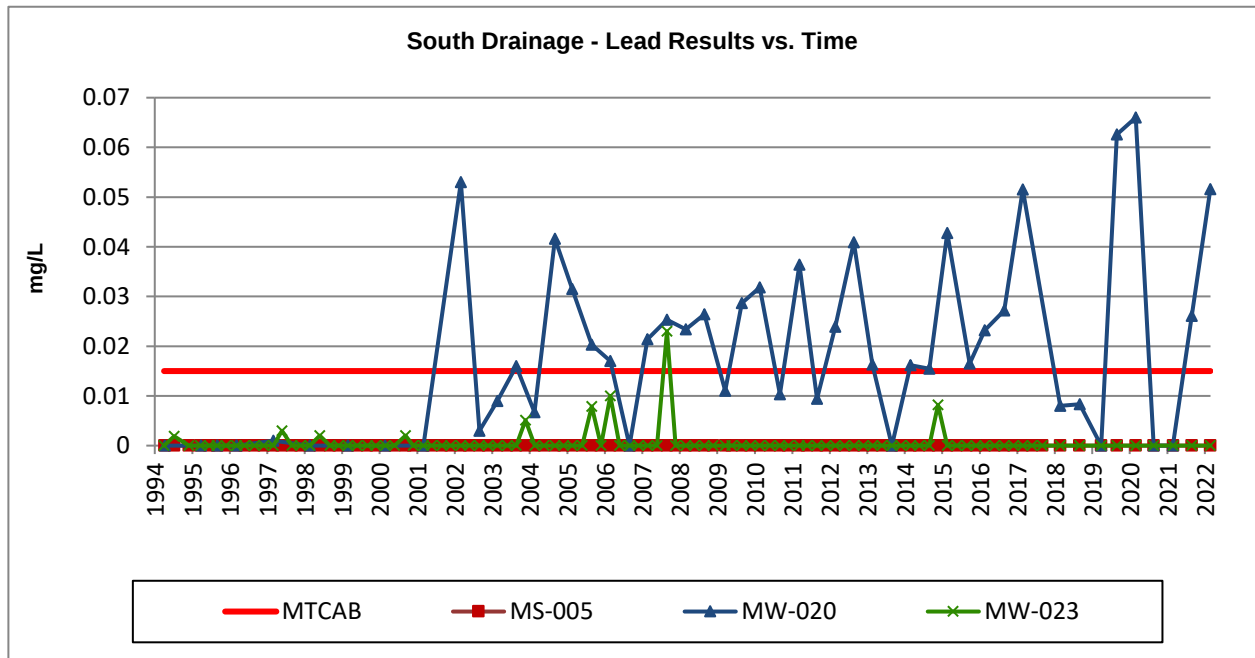


Figure 2-12: South Drainage Monitoring Wells Lead Results vs. Time

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

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
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	ALK	122	102	104	-18	2	mg/L as Ca
MS-005	South	As	0	0	0	0	0	mg/L
MS-005	South	Ba	0.061	0.0516	0.0459	-0.0151	-0.0057	mg/L
MS-005	South	Benzene	0	0	0	0	0	ug/L
MS-005	South	Cl	36.2	22.5	21.6	-14.6	-0.9	mg/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	Mn	0	0	0	0	0	mg/L
MS-005	South	N-NH3	0	0	0	0	0	mg/L
MS-005	South	N-NO3	1.8	1.68	1.42	-0.38	-0.26	mg/L
MS-005	South	Pb	0	0	0	0	0	mg/L
MS-005	South	PCE	0	0	0	0	0	ug/L
MS-005	South	SO4	26.2	17.8	15.7	-10.5	-2.1	mg/L
MS-005	South	TCE	0	0	0	0	0	ug/L
MS-005	South	TDS	297	225	189	-108	-36	mg/L
MS-005	South	TOC	1.65	0	1.44	-0.21	1.44	mg/L
MS-005	South	Toluene	0	0	0	0	0	ug/L
MS-005	South	VC	0	0	0	0	0	ug/L
MS-005	South	Zn	0	0	0	0	0	mg/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	ALK	272	202	246	-26	44	mg/L as Ca
MW-020	South	As	0.00694	0	0.00696	2E-05	0.00696	mg/L
MW-020	South	Ba	0.412	0.246	0.458	0.046	0.212	mg/L
MW-020	South	Benzene	0	0	0	0	0	ug/L
MW-020	South	Cl	9.07	6.24	7.52	-1.55	1.28	mg/L
MW-020	South	DCA	1.11	0.67	0.85	-0.26	0.18	ug/L
MW-020	South	MC	0	0	0	0	0	ug/L
MW-020	South	Mn	0.222	0.0917	0.262	0.04	0.1703	mg/L
MW-020	South	N-NH3	0	0	0	0	0	mg/L
MW-020	South	N-NO3	3.76	5.52	2.02	-1.74	-3.5	mg/L
MW-020	South	Pb	0.0515	0	0.0516	0.0001	0.0516	mg/L
MW-020	South	PCE	0	0	0	0	0	ug/L
MW-020	South	SO4	10.9	9.24	6.57	-4.33	-2.67	mg/L
MW-020	South	TCE	0	0	0	0	0	ug/L
MW-020	South	TDS	381	297	293	-88	-4	mg/L
MW-020	South	TOC	1.5	1.26	1.26	-0.24	0	mg/L
MW-020	South	Toluene	0	0	0	0	0	ug/L
MW-020	South	VC	0	0	0	0	0	ug/L
MW-020	South	Zn	0.099	0.0311	0.0836	-0.0154	0.0525	mg/L

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
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	ALK	459	340	331	-128	-9	mg/L as Ca
MW-023	South	As	0	0	0	0	0	mg/L
MW-023	South	Ba	0.178	0.141	0.127	-0.051	-0.014	mg/L
MW-023	South	Benzene	0	0	0	0	0	ug/L
MW-023	South	Cl	78.9	49.1	47.8	-31.1	-1.3	mg/L
MW-023	South	DCA	0.53	2.32	1.24	0.71	-1.08	ug/L
MW-023	South	MC	0	0	0	0	0	ug/L
MW-023	South	Mn	1.09	0.906	0.847	-0.243	-0.059	mg/L
MW-023	South	N-NH3	0	0	0	0	0	mg/L
MW-023	South	N-NO3	0	0.342	0	0	-0.342	mg/L
MW-023	South	Pb	0	0	0	0	0	mg/L
MW-023	South	PCE	0	0	0	0	0	ug/L
MW-023	South	SO4	7.19	8.89	8.88	1.69	-0.01	mg/L
MW-023	South	TCE	0	0	0	0	0	ug/L
MW-023	South	TDS	633	453	434	-199	-19	mg/L
MW-023	South	TOC	3.09	3.82	2.47	-0.62	-1.35	mg/L
MW-023	South	Toluene	0	0	0	0	0	ug/L
MW-023	South	VC	0	0	0	0	0	ug/L
MW-023	South	Zn	0	0	0	0	0	mg/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

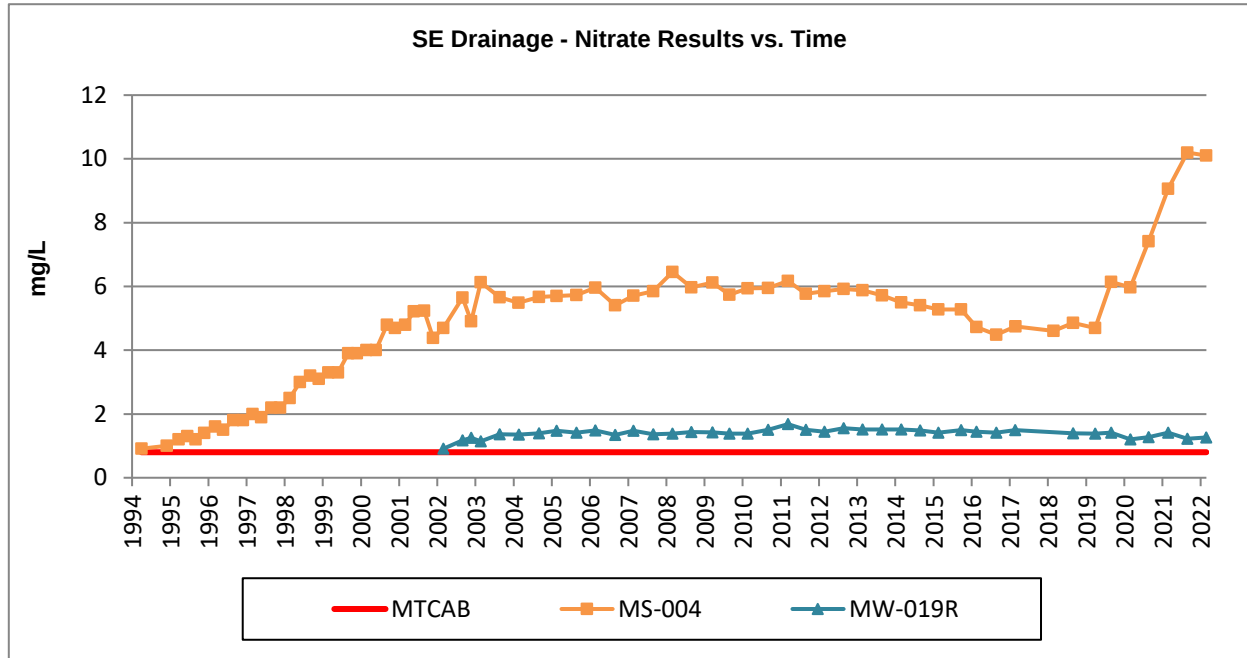


Figure 2-13: Southeast Monitoring Wells Nitrate Results vs. Time

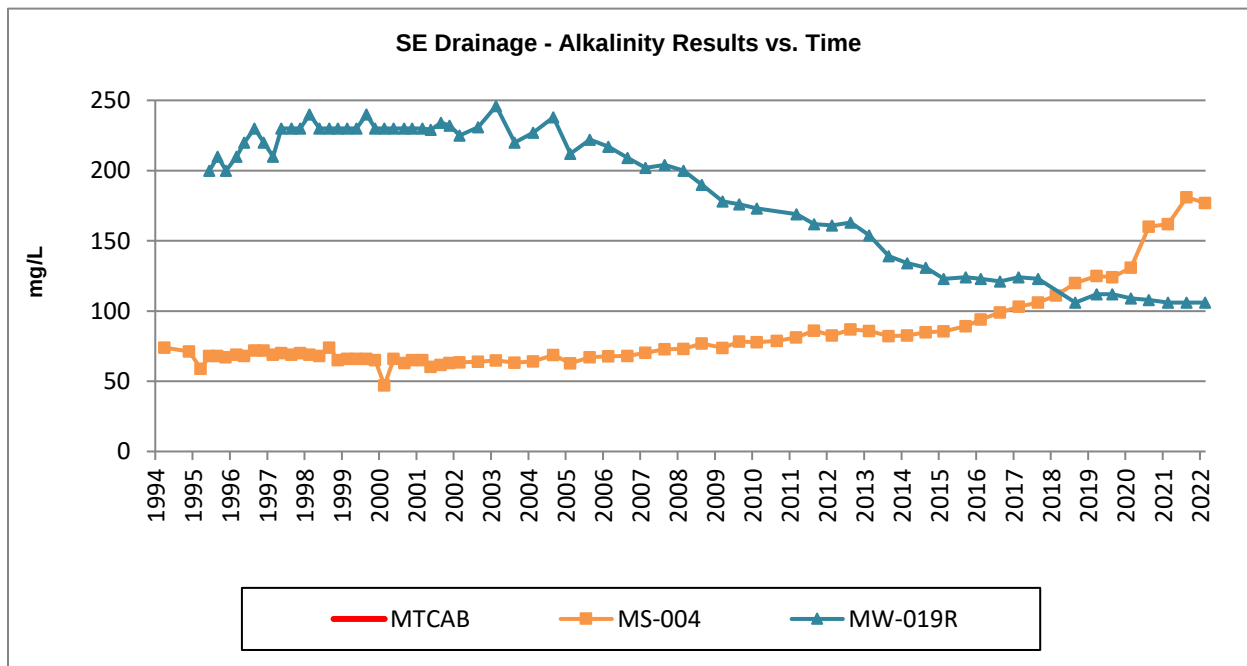


Figure 2-14: Southeast Monitoring Wells Alkalinity Results vs. Time

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

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
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	ALK	103	162	177	74	15	mg/L as Ca
MS-004	Southeast	As	0	0	0	0	0	mg/L
MS-004	Southeast	Ba	0.0502	0.0944	0.0891	0.0389	-0.0053	mg/L
MS-004	Southeast	Benzene	0	0	0	0	0	ug/L
MS-004	Southeast	Cl	0.44	0.64	0.68	0.24	0.04	mg/L
MS-004	Southeast	DCA	0.81	1.29	1.32	0.51	0.03	ug/L
MS-004	Southeast	MC	0	0	0	0	0	ug/L
MS-004	Southeast	Mn	0	0.054	0.0222	0.0222	-0.0318	mg/L
MS-004	Southeast	N-NH3	0	0.054	0.144	0.144	0.09	mg/L
MS-004	Southeast	N-NO3	4.75	9.06	10.1	5.35	1.04	mg/L
MS-004	Southeast	Pb	0	0	0	0	0	mg/L
MS-004	Southeast	PCE	0	0	0	0	0	ug/L
MS-004	Southeast	SO4	12.8	10.4	9.84	-2.96	-0.56	mg/L
MS-004	Southeast	TCE	0	0	0	0	0	ug/L
MS-004	Southeast	TDS	204	259	264	60	5	mg/L
MS-004	Southeast	TOC	1.34	1.51	1.62	0.28	0.11	mg/L
MS-004	Southeast	Toluene	0	0	0	0	0	ug/L
MS-004	Southeast	VC	0	0	0	0	0	ug/L
MS-004	Southeast	Zn	0	0	0	0	0	mg/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	ALK	124	106	106	-18	0	mg/L as Ca
MW-019R	Southeast	As	0	0	0	0	0	mg/L
MW-019R	Southeast	Ba	0.041	0.035	0.0328	-0.0082	-0.0022	mg/L
MW-019R	Southeast	Benzene	0.5	0	0	-0.5	0	ug/L
MW-019R	Southeast	Cl	9.82	6.78	6.16	-3.66	-0.62	mg/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	Mn	0	0	0	0	0	mg/L
MW-019R	Southeast	N-NH3	0	0	0	0	0	mg/L
MW-019R	Southeast	N-NO3	1.49	1.41	1.26	-0.23	-0.15	mg/L
MW-019R	Southeast	Pb	0	0	0	0	0	mg/L
MW-019R	Southeast	PCE	0	0	0	0	0	ug/L
MW-019R	Southeast	SO4	6.69	5.1	4.65	-2.04	-0.45	mg/L
MW-019R	Southeast	TCE	0	0	0	0	0	ug/L
MW-019R	Southeast	TDS	187	156	117	-70	-39	mg/L
MW-019R	Southeast	TOC	1.38	1.29	1.15	-0.23	-0.14	mg/L
MW-019R	Southeast	Toluene	0.62	0	0	-0.62	0	ug/L
MW-019R	Southeast	VC	0	0	0	0	0	ug/L
MW-019R	Southeast	Zn	0	0	0	0	0	mg/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

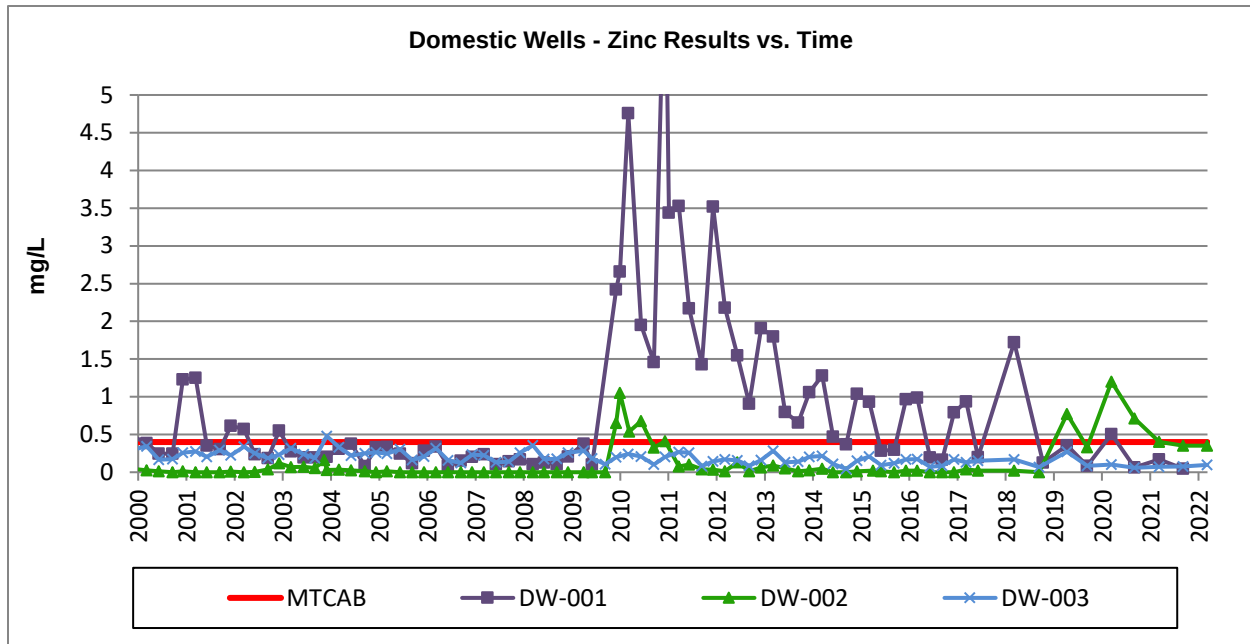


Figure 2-15: Domestic Wells Zinc Results vs. Time

Domestic Wells: Conventional Time-Series Graphs

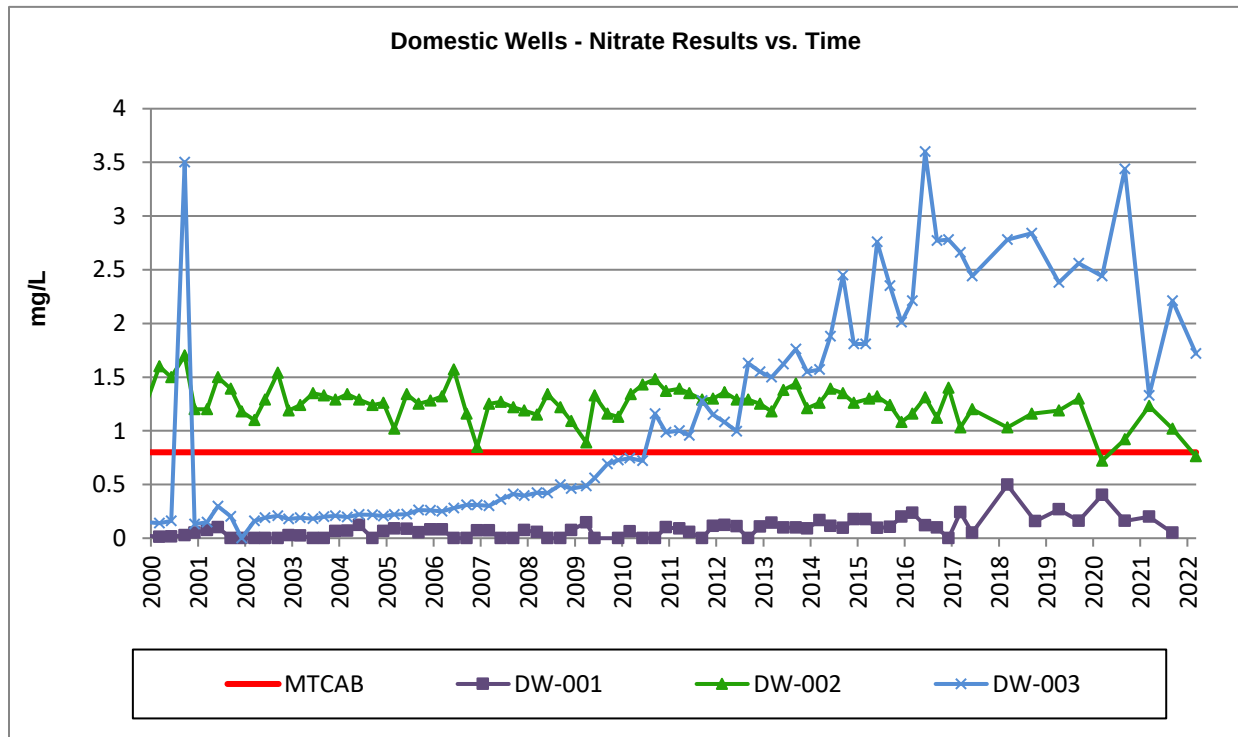


Figure 2-16: Domestic Wells Nitrate Results vs. Time

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

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
DW-001	Domestic	1,2-DCP	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	Acetone	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	ALK	137	155	N/A	N/A	N/A	mg/L as Ca
DW-001	Domestic	As	0	0	N/A	N/A	N/A	mg/L
DW-001	Domestic	Ba	0.0223	0.0184	N/A	N/A	N/A	mg/L
DW-001	Domestic	Benzene	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	Cl	7.94	11.8	N/A	N/A	N/A	mg/L
DW-001	Domestic	DCA	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	MC	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	Mn	0.0119	0.0171	N/A	N/A	N/A	mg/L
DW-001	Domestic	N-NH3	0	0	N/A	N/A	N/A	mg/L
DW-001	Domestic	N-NO3	0.241	0.2	N/A	N/A	N/A	mg/L
DW-001	Domestic	Pb	0	0	N/A	N/A	N/A	mg/L
DW-001	Domestic	PCE	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	SO4	8.71	9.58	N/A	N/A	N/A	mg/L
DW-001	Domestic	TCE	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	TOC	3.54	1.04	N/A	N/A	N/A	mg/L
DW-001	Domestic	Toluene	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	VC	0	0	N/A	N/A	N/A	ug/L
DW-001	Domestic	Zn	0.938	0.169	N/A	N/A	N/A	mg/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	ALK	158	159	161	3	2	mg/L as Ca
DW-002	Domestic	As	0	0	0	0	0	mg/L
DW-002	Domestic	Ba	0.0311	0.0366	0.0323	0.0012	-0.0043	mg/L
DW-002	Domestic	Benzene	0	0	0	0	0	ug/L
DW-002	Domestic	Cl	7.22	7.49	6.2	-1.02	-1.29	mg/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	Mn	0.0143	0.0083	0.0147	0.0004	0.0064	mg/L
DW-002	Domestic	N-NH3	0	0	0	0	0	mg/L
DW-002	Domestic	N-NO3	1.03	1.23	0.764	-0.266	-0.466	mg/L

StationID	DrainageArea	Analyte	- 5 Year Results	- 1 Year Results	Current Year Results	5-Year Difference	1-Year Difference	Units
DW-002	Domestic	Pb	0	0	0	0	0	mg/L
DW-002	Domestic	PCE	0	0	0	0	0	ug/L
DW-002	Domestic	SO4	6.88	5.58	6.65	-0.23	1.07	mg/L
DW-002	Domestic	TCE	0	0	0	0	0	ug/L
DW-002	Domestic	TOC	0	0	0	0	0	mg/L
DW-002	Domestic	Toluene	0	0	0	0	0	ug/L
DW-002	Domestic	VC	0	0	0	0	0	ug/L
DW-002	Domestic	Zn	0.04	0.401	0.354	0.314	-0.047	mg/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	ALK	186	171	192	6	21	mg/L as Ca
DW-003	Domestic	As	0	0	0	0	0	mg/L
DW-003	Domestic	Ba	0.0299	0.0296	0.0284	-0.0015	-0.0012	mg/L
DW-003	Domestic	Benzene	0	0	0	0	0	ug/L
DW-003	Domestic	Cl	0.83	0.71	0.85	0.02	0.14	mg/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	Mn	0	0	0	0	0	mg/L
DW-003	Domestic	N-NH3	0	0	0	0	0	mg/L
DW-003	Domestic	N-NO3	2.66	1.33	1.72	-0.94	0.39	mg/L
DW-003	Domestic	Pb	0	0	0	0	0	mg/L
DW-003	Domestic	PCE	0	0	0	0	0	ug/L
DW-003	Domestic	SO4	1.8	1.14	1.25	-0.55	0.11	mg/L
DW-003	Domestic	TCE	0	0	0	0	0	ug/L
DW-003	Domestic	TOC	0	0	0	0	0	mg/L
DW-003	Domestic	Toluene	0	0	0	0	0	ug/L
DW-003	Domestic	VC	0	0	0	0	0	ug/L
DW-003	Domestic	Zn	0.131	0.0713	0.0954	-0.0356	0.0241	mg/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

As previously required by the wastewater discharge permit (issued by Spokane County), a grab sample was collected twice a year at the gravity line conveying leachate to the local sewer system. 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).

After evaluating years of leachate generation and constituent concentration data, Spokane County concluded that the leachate generated at Mica Landfill is not contaminated with pollutants, and that the average leachate generation for all days in 2020 was 9,825 gallons per day. Historically, the wastewater generated at Mica Landfill had complied with the local limits and the wastewater discharge permit requirements. Spokane County Environmental Services discontinued the wastewater discharge permit because the Mica Landfill is not considered a Significant Industrial User, and there is no reasonable potential for adversely affecting the treatment plant operation or violating any pretreatment standards.

The last field parameters collected from the Mica Landfill leachate occurred on 4/14/2021.

StationID	SampleID	SampleDate	Temp	PH	Conductivity	Turbidity
LS-GL	GWLS-GL-210414-D	4/14/2021	7.3	7.78	363	3.19
LS-GL	GWLS-GL-210414-C	4/14/2021	7.3	7.78	363	3.19
LS-GL	GWLS-GL-210414-B	4/14/2021	7.3	7.8	350	3.14
LS-GL	GWLS-GL-210414-A	4/14/2021	7.2	7.77	357	3.17

APPENDIX A: DATA VALIDATION SUMMARY

Analytical data for the December 2021/March 2022 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 2021/March 2022 Sampling Results

StationID	SampleDate	Analyte	AnalyteCat	Units	SampleID	AnalyticalRptLimit	Result	Qualifier

D = Sample diluted during lab analysis

U = Non-detection at the reported detection limit

J = Analyzed value is qualified as an estimate.

There were no laboratory results that were qualified during this reporting period.

APPENDIX B: GROUNDWATER SAMPLING FIELD SHEETS

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/8/2022</u>		WELL ID: <u>DW2</u>		FIELD TEAM: MT, <u>GF</u>	
SAMPLE ID: <u>GWDW-002-220308</u>			QA / QC SAMPLE ID: <u>NA</u>		
FIELD CONDITIONS: <u>pHly clay, 38°</u>					
START TIME: <u>0842</u> SAMPLE TIME: <u>0901</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>0912</u> DEDICATED BLADDER: _____ DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: ☒					
METER AND PURGING INFORMATION:					
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS		
pH	EXTECH 100	<u>476085</u>	Calibrated to 4, 7 & 10 buffer		
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm		
TURBIDITY	Hach 2100P	<u>#020100024957</u>	Std to 4.02, 39.4, and 331 NTU		
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>			
TOTAL DEPTH OF WELL: <u>~200</u> PACKER DEPTH: <u>NA</u> STATIC WATER LEVEL: <u>SWL Port blocked</u> COLUMN OF WATER: <u>NA</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)		
PARAMETERS:					
		(+/- 10%)	(+/- .1)	(+/- 10%)	
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	
<u>0847</u>	<u>10.8</u>	<u>7.04</u>	<u>329</u>	<u>Clear</u>	
<u>0852</u>	<u>10.9</u>	<u>6.97</u>	<u>336</u>	<u>clear</u>	
<u>0857</u>	<u>10.9</u>	<u>6.93</u>	<u>340</u>	<u>clear</u>	
			TURBIDITY: <u>0.45</u> NTU (meas. in field lab)		

*Purge well 15 min to clear lines prior to sampling

COMMENTS:

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/8/2022</u>		WELL ID: <u>DW3</u>		FIELD TEAM: MT <u>GF</u>																																											
SAMPLE ID: <u>GWDW-003-220308</u>			QA / QC SAMPLE ID: <u>NA</u>																																												
FIELD CONDITIONS: <u>Partly cldy, 34°</u>																																															
START TIME: <u>Pump on @ 1010</u> SAMPLE TIME: <u>1036</u> QA / QC SAMPLE TIME: _____ END TIME: <u>1046</u> DEDICATED BLADDER: _____ DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: ☒																																															
METER AND PURGING INFORMATION:																																															
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																												
pH	EXTECH 100	<u>476085</u>	Calibrated to 4, 7 & 10 buffer																																												
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm																																												
TURBIDITY	Hach 2100P	<u>#020100024957</u>	Std to 4.02, 39.4, and 331 NTU																																												
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>																																													
TOTAL DEPTH OF WELL: <u>~200'</u>			CALCULATIONS: <u>*</u> PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																												
PACKER DEPTH: <u>NA</u>																																															
STATIC WATER LEVEL: <u>6.65'</u>																																															
COLUMN OF WATER: <u>NA</u>																																															
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> <th colspan="2">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 colspan="2">APPEARANCE</th> </tr> <tr> <td><u>1015</u></td> <td><u>10.4</u></td> <td><u>7.42</u></td> <td><u>370</u></td> <td colspan="2"><u>Clear</u></td> </tr> <tr> <td><u>1020</u></td> <td><u>10.9</u></td> <td><u>7.50</u></td> <td><u>353</u></td> <td colspan="2"><u>Clear</u></td> </tr> <tr> <td><u>1025</u></td> <td><u>11.0</u></td> <td><u>7.53</u></td> <td><u>351</u></td> <td colspan="2"><u>Clear</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td colspan="2"> </td> </tr> <tr> <td colspan="3">TURBIDITY: <u>0.23</u> NTU (meas. in field lab)</td> <td colspan="3"> </td> </tr> </table>						PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE		<u>1015</u>	<u>10.4</u>	<u>7.42</u>	<u>370</u>	<u>Clear</u>		<u>1020</u>	<u>10.9</u>	<u>7.50</u>	<u>353</u>	<u>Clear</u>		<u>1025</u>	<u>11.0</u>	<u>7.53</u>	<u>351</u>	<u>Clear</u>								TURBIDITY: <u>0.23</u> NTU (meas. in field lab)					
PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)																																											
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																											
<u>1015</u>	<u>10.4</u>	<u>7.42</u>	<u>370</u>	<u>Clear</u>																																											
<u>1020</u>	<u>10.9</u>	<u>7.50</u>	<u>353</u>	<u>Clear</u>																																											
<u>1025</u>	<u>11.0</u>	<u>7.53</u>	<u>351</u>	<u>Clear</u>																																											
TURBIDITY: <u>0.23</u> NTU (meas. in field lab)																																															

COMMENTS:

* purged well 15+ minutes to clear lines prior to sampling

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3-8-2022</u>	WELL ID: <u>MS4</u>	FIELD TEAM: <u>MT, GF</u>
SAMPLE ID: <u>GWMS-004-220308</u>		QA / QC SAMPLE ID: _____
FIELD CONDITIONS: <u>ptly cldy, 35°</u>		
START TIME: <u>1147</u> SAMPLE TIME: <u>1349</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1400</u> DEDICATED BLADDER: _____ DISPOSABLE BAILER: ☒ PRIVATE DOMESTIC WELL: _____		

METER AND PURGING INFORMATION:

METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS
pH	EXTECH 100	<u>476085</u>	Calibrated to 4, 7 & 10 buffer
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm
TURBIDITY	Hach 2100P	<u>#020100024957</u>	Std to 4.02, 39.4, and 331 NTU
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>	

TOTAL DEPTH OF WELL: <u>32.0</u> PACKER DEPTH: <u>NA</u> STATIC WATER LEVEL: <u>8.90'</u> * COLUMN OF WATER: <u>23.10' * 0.17 = 4 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)
--	---

PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)	
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	
<u>1</u> <u>1150</u>	<u>8.8</u>	<u>7.15</u>	<u>416</u>	<u>Clear</u>	
<u>2</u> <u>1153</u>	<u>8.9</u>	<u>7.14</u>	<u>420</u>	<u>Clear</u>	
<u>3</u> <u>1156</u>	<u>9.0</u>	<u>7.05</u>	<u>420</u>	<u>Clear</u>	
<u>4</u> <u>1200</u>	<u>9.0</u>	<u>6.93</u>	<u>425</u>	<u>Clear</u>	
<u>End</u> <u>1359</u>	<u>9.0</u>	<u>6.93</u>	<u>437</u>	<u>Clear</u>	
			TURBIDITY: <u>1.38</u>	NTU (meas. in field lab)	

COMMENTS: * purged well dry, allowed it to recharge then sampled

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3-8-2022</u>		WELL ID: <u>MS-5</u>		FIELD TEAM: MT <u>GF</u>																																											
SAMPLE ID: <u>GWMS-005-220308</u>			QA / QC SAMPLE ID: <u>MWS-1-2-220308</u>																																												
FIELD CONDITIONS: <u>cloudy, 33°</u>																																															
START TIME: <u>1224</u> SAMPLE TIME: <u>1255</u> QA / QC SAMPLE TIME: <u>1236</u> END TIME: <u>1310</u> DEDICATED BLADDER: ☒ DISPOSABLE BAILER: ☐ PRIVATE DOMESTIC WELL: ☐																																															
METER AND PURGING INFORMATION:																																															
METER		MAKE / MODEL		SERIAL NO.																																											
pH		EXTECH 100		<u>476085</u>																																											
CONDUCTIVITY		ECTESTR 11+		<u>7810</u>																																											
TURBIDITY		Hach 2100P		#020100024957																																											
SWL INDICATOR		<u>Slope Ind</u>		<u>23474</u>																																											
TOTAL DEPTH OF WELL: <u>53.0</u>			CALCULATIONS: <u>5.8 use 6 gal/vol</u> PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																												
PACKER DEPTH: <u>NA</u>																																															
STATIC WATER LEVEL: <u>18.92</u>																																															
COLUMN OF WATER: <u>34.08</u>																																															
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> <th colspan="2">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> <th></th> </tr> <tr> <td><u>6</u> <u>1230</u></td> <td><u>10.2</u></td> <td><u>6.85</u></td> <td><u>286</u></td> <td><u>clear</u></td> <td></td> </tr> <tr> <td><u>12</u> <u>1241</u></td> <td><u>10.2</u></td> <td><u>6.78</u></td> <td><u>291</u></td> <td><u>clear</u></td> <td></td> </tr> <tr> <td><u>10</u> <u>1254</u></td> <td><u>10.3</u></td> <td><u>6.76</u></td> <td><u>307</u></td> <td><u>clear</u></td> <td></td> </tr> <tr> <td colspan="5"></td> <td></td> </tr> <tr> <td colspan="5"></td> <td></td> </tr> </table>						PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE		<u>6</u> <u>1230</u>	<u>10.2</u>	<u>6.85</u>	<u>286</u>	<u>clear</u>		<u>12</u> <u>1241</u>	<u>10.2</u>	<u>6.78</u>	<u>291</u>	<u>clear</u>		<u>10</u> <u>1254</u>	<u>10.3</u>	<u>6.76</u>	<u>307</u>	<u>clear</u>													
PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)																																											
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																											
<u>6</u> <u>1230</u>	<u>10.2</u>	<u>6.85</u>	<u>286</u>	<u>clear</u>																																											
<u>12</u> <u>1241</u>	<u>10.2</u>	<u>6.78</u>	<u>291</u>	<u>clear</u>																																											
<u>10</u> <u>1254</u>	<u>10.3</u>	<u>6.76</u>	<u>307</u>	<u>clear</u>																																											
				TURBIDITY: <u>1.40</u> NTU (meas. in field lab)																																											

COMMENTS:

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/8/2022</u>		WELL ID: <u>MW-10</u>		FIELD TEAM: <u>MT, GF</u>	
SAMPLE ID: <u>GW MW-010-220308</u>			QA / QC SAMPLE ID: <u>-NA</u>		
FIELD CONDITIONS: <u>Clean/cold MID-305</u>					
START TIME: <u>1244</u> SAMPLE TIME: <u>1330</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1333</u> DEDICATED BLADDER: <u>X</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____					
METER AND PURGING INFORMATION:					
METER		MAKE / MODEL		SERIAL NO.	
pH		EXTECH 100		<u>472990</u>	
CONDUCTIVITY		ECTESTR 11+		<u>24B</u>	
TURBIDITY		Hach 2100P		<u>#020100024957</u>	
SWL INDICATOR					
TOTAL DEPTH OF WELL: <u>63.18'</u> PACKER DEPTH: <u>47.0'</u> STATIC WATER LEVEL: <u>3.52'</u> COLUMN OF WATER: _____ COLUMN OF WATER ABOVE PACKER: <u>43.48'</u> COLUMN OF WATER BELOW PACKER: <u>16.18'</u>			CALCULATIONS: <u>16.18' x .17 = 2.75 = 3 GAL X</u> <u>3 = 9 GAL</u> <u>43.48' x .433 x 1.25 + 30 = 52 PSI</u> PACKER INFORMATION: <u>COW x .433 x 1.25 + 30 = PACKER INFLATION (PSI)</u>		
PARAMETERS: (+/- 10%) (+/- .1) (+/- 10%)					
GAL PURGED / TIME		TEMP	pH	CONDUCTIVITY	APPEARANCE
<u>3 GAL / 1259</u>		<u>9.8</u>	<u>7.37</u>	<u>139.5-140</u>	<u>CLEAR</u>
<u>6 GAL / 1314</u>		<u>9.7</u>	<u>7.35</u>	<u>142.1 = 142</u>	<u>CLEAR</u>
<u>9 GAL / 1329</u>		<u>9.7</u>	<u>7.34</u>	<u>142.4 = 142</u>	<u>CLEAR</u>
				TURBIDITY: <u>0.21</u> NTU (meas. in field lab)	

COMMENTS:

MS wle 4.81' MS-8

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/8/2022</u>		WELL ID: <u>MW-13</u>		FIELD TEAM: <u>MT</u> GF																																											
SAMPLE ID: <u>GWMW-013-220308</u>			QA / QC SAMPLE ID: <u>-NA</u>																																												
FIELD CONDITIONS: <u>P.CLOUDY 38°F</u>																																															
START TIME: <u>1015</u> SAMPLE TIME: <u>1100</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1103</u> DEDICATED BLADDER: <u>*</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____																																															
METER AND PURGING INFORMATION:																																															
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																												
pH	EXTECH 100	<u>472990</u>	Calibrated to 4, 7 & 10 buffer																																												
CONDUCTIVITY	ECTESTR 11+	<u>24B</u>	Std. to 700 umhos/cm																																												
TURBIDITY	Hach 2100P	<u>#020100024957</u>	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>22.72'</u> COLUMN OF WATER: <u>25.44'</u> COLUMN OF WATER ABOVE PACKER: <u>36.28'</u> COLUMN OF WATER BELOW PACKER: <u>25.44'</u>			CALCULATIONS: $36.28' \times .433 \times 1.25 + 30 = 50 \text{ PSI}$ $25.44' \times .17 = 4.3 = 5 \text{ GAL} \times 3 = 15 \text{ GAL}$ PACKER INFORMATION: $\text{COW} \times .433 \times 1.25 + 30 = \text{PACKER INFLATION (PSI)}$																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">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 colspan="2">APPEARANCE</th> </tr> <tr> <td>5GAL / 1032</td> <td>10.12</td> <td>6.91</td> <td>391</td> <td colspan="2">CLEAR</td> </tr> <tr> <td>10GAL / 1044</td> <td>9.92</td> <td>6.93</td> <td>389</td> <td colspan="2">CLEAR</td> </tr> <tr> <td>15GAL / 1059</td> <td>9.82</td> <td>6.90</td> <td>389</td> <td colspan="2">CLEAR</td> </tr> <tr> <td colspan="6" style="height: 20px;"></td> </tr> <tr> <td colspan="6" style="height: 20px;"></td> </tr> </table>						PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE		5GAL / 1032	10.12	6.91	391	CLEAR		10GAL / 1044	9.92	6.93	389	CLEAR		15GAL / 1059	9.82	6.90	389	CLEAR													
PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)																																											
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																											
5GAL / 1032	10.12	6.91	391	CLEAR																																											
10GAL / 1044	9.92	6.93	389	CLEAR																																											
15GAL / 1059	9.82	6.90	389	CLEAR																																											
			TURBIDITY: <u>0.87</u> NTU (meas. in field lab)																																												

COMMENTS:

MW-12 WL = 23.81'

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/8/2022</u>		WELL ID: <u>MW-14</u>		FIELD TEAM: <u>(MT, GF)</u>	
SAMPLE ID: <u>GW MW-014-220308</u>			QA / QC SAMPLE ID: <u>—</u>		
FIELD CONDITIONS: <u>CLOUDY 38°</u>					
START TIME: <u>0830</u> SAMPLE TIME: <u>0915</u> QA / QC SAMPLE TIME: <u>-NA-</u> END TIME: <u>0922</u> DEDICATED BLADDER: <u>X</u> DISPOSABLE BAILER: <u>—</u> PRIVATE DOMESTIC WELL: <u>—</u>					
METER AND PURGING INFORMATION:					
METER		MAKE / MODEL		SERIAL NO.	
pH		EXTECH 100		472990	
CONDUCTIVITY		ECTESTR 11+		24B	
TURBIDITY		Hach 2100P		#020100024957	
SWL INDICATOR					
TOTAL DEPTH OF WELL: <u>55.36'</u> PACKER DEPTH: <u>39.5'</u> STATIC WATER LEVEL: <u>0.00' WH</u> COLUMN OF WATER: <u>15.86'</u> COLUMN OF WATER ABOVE PACKER: <u>39.5'</u> COLUMN OF WATER BELOW PACKER: <u>—</u>				CALCULATIONS: $39.5 \times .433 \times 1.25 + 30 = 52 \text{ PSI}$ $15.86' \times .17 = 2.69 = 3 \text{ GAL}$ PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)	
PARAMETERS: (+/- 10%) (+/- .1) (+/- 10%)					
GAL PURGED / TIME		TEMP	pH	CONDUCTIVITY	APPEARANCE
3GAL 0845		9.2°C	7.09	135	CLEAR
6GAL 0859		9.0°C	7.11	136	CLEAR
9GAL 0914		8.9°C	7.08	134	CLEAR
				TURBIDITY: <u>1.99</u> NTU (meas. in field lab)	

COMMENTS:

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3-8-22</u>		WELL ID: <u>MW19R</u>		FIELD TEAM: MT <u>GF</u>	
SAMPLE ID: <u>GWMW-019R-220308</u>			QA / QC SAMPLE ID: <u>NA</u>		
FIELD CONDITIONS: <u>mstly cldy, 34°</u>					
START TIME: <u>0741</u>		DEDICATED BLADDER: ☒			
SAMPLE TIME: <u>1423</u>		DISPOSABLE BAILER: ☐			
QA / QC SAMPLE TIME: <u>NA</u>		PRIVATE DOMESTIC WELL: ☐			
END TIME: <u>1433</u>					

METER AND PURGING INFORMATION:			
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS
pH	EXTECH 100	<u>476085</u>	Calibrated to 4, 7 & 10 buffer
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm
TURBIDITY	Hach 2100P	<u>#020100024957</u>	Std to 4.02, 39.4, and 331 NTU
SWL INDICATOR	<u>Slope Ind</u>	<u>23474</u>	

TOTAL DEPTH OF WELL: <u>85.35</u> PACKER DEPTH: <u>NA</u> STATIC WATER LEVEL: <u>46.47</u> * COLUMN OF WATER: <u>38.88 x 0.17 = 6.6 gal/wal</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)
--	---

PARAMETERS:					
		(+/- 10%)	(+/- .1)	(+/- 10%)	
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	
<u>2.5 0746</u>	<u>10.8</u>	<u>6.66</u>	<u>228</u>	<u>Clear</u>	
<u>5.0 0751</u>	<u>10.8</u>	<u>6.64</u>	<u>229</u>	<u>Clear</u>	
<u>7.5 0757</u>	<u>10.7</u>	<u>6.66</u>	<u>229</u>	<u>Clear</u>	
<u>end 1432</u>	<u>10.3</u>	<u>6.72</u>	<u>233</u>	<u>Clear</u>	
			TURBIDITY: <u>1.54</u>	NTU (meas. In field lab)	

COMMENTS:

* Purged well dry, allowed it to recharge all day, then sampled.

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/8/2022</u>		WELL ID: <u>MW-20</u>		FIELD TEAM: <u>MT, GF</u>																																				
SAMPLE ID: <u>GNMW-020-220308</u>			QA / QC SAMPLE ID: <u>NA</u>																																					
FIELD CONDITIONS: <u>P.CLOUDY 44°F</u>																																								
START TIME: <u>1122</u> SAMPLE TIME: <u>1225</u> QA / QC SAMPLE TIME: <u>-</u> END TIME: <u>1230</u> DEDICATED BLADDER: <u>*</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____																																								
METER AND PURGING INFORMATION:																																								
METER		MAKE / MODEL		SERIAL NO.																																				
pH		EXTECH 100		<u>472990</u>																																				
CONDUCTIVITY		ECTESTR 11+		<u>24B</u>																																				
TURBIDITY		Hach 2100P		<u>#020100024957</u>																																				
SWL INDICATOR																																								
TOTAL DEPTH OF WELL: <u>141.55'</u> PACKER DEPTH: <u>116.00'</u> STATIC WATER LEVEL: <u>126.02'</u> COLUMN OF WATER: _____ COLUMN OF WATER ABOVE PACKER: <u>49.98'</u> COLUMN OF WATER BELOW PACKER: <u>25.55'</u>			CALCULATIONS: Purge: $25.55' \times .17 = 4.34 = 5 \text{ GAL} \times 3 = 15 \text{ GAL}$ $49.98' \times .433 \times 1.25 + 30 = 57 \text{ PSI}$ PACKER INFORMATION: $\text{COW} \times .433 \times 1.25 + 30 = \text{PACKER INFLATION (PSI)}$																																					
<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>5 GAL / 1139</u></td> <td><u>12.1</u></td> <td><u>7.27</u></td> <td><u>522</u></td> <td><u>CLOUDY / MILKY color</u></td> </tr> <tr> <td><u>10 GAL / 1203</u></td> <td><u>11.9</u></td> <td><u>7.25</u></td> <td><u>524</u></td> <td><u>"</u></td> </tr> <tr> <td><u>15 GAL / 1222</u></td> <td><u>11.8</u></td> <td><u>7.28</u></td> <td><u>527</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 colspan="2">TURBIDITY: <u>12.04</u> NTU (meas. in field lab)</td> </tr> </tbody> </table>						PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	<u>5 GAL / 1139</u>	<u>12.1</u>	<u>7.27</u>	<u>522</u>	<u>CLOUDY / MILKY color</u>	<u>10 GAL / 1203</u>	<u>11.9</u>	<u>7.25</u>	<u>524</u>	<u>"</u>	<u>15 GAL / 1222</u>	<u>11.8</u>	<u>7.28</u>	<u>527</u>	<u>"</u>									TURBIDITY: <u>12.04</u> NTU (meas. in field lab)	
PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)																																					
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																				
<u>5 GAL / 1139</u>	<u>12.1</u>	<u>7.27</u>	<u>522</u>	<u>CLOUDY / MILKY color</u>																																				
<u>10 GAL / 1203</u>	<u>11.9</u>	<u>7.25</u>	<u>524</u>	<u>"</u>																																				
<u>15 GAL / 1222</u>	<u>11.8</u>	<u>7.28</u>	<u>527</u>	<u>"</u>																																				
			TURBIDITY: <u>12.04</u> NTU (meas. in field lab)																																					

COMMENTS:

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/8/2022</u>	WELL ID: <u>MW-31</u>	FIELD TEAM: <u>MT</u> GF																																			
SAMPLE ID: <u>GW MW-031-220308</u>	QA / QC SAMPLE ID: <u>- NA -</u>																																				
FIELD CONDITIONS: <u>P. CLOUDY 39°F</u>																																					
START TIME: <u>0930</u> SAMPLE TIME: <u>1000</u> QA / QC SAMPLE TIME: <u>- NA -</u> END TIME: <u>1003</u> DEDICATED BLADDER: <u>X</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____																																					
METER AND PURGING INFORMATION:																																					
METER	MAKE / MODEL	SERIAL NO.																																			
pH	EXTECH 100	<u>472990</u>																																			
CONDUCTIVITY	ECTESTR 11+	<u>24B</u>																																			
TURBIDITY	Hach 2100P	<u>#020100024957</u>																																			
SWL INDICATOR																																					
TOTAL DEPTH OF WELL: <u>19.0'</u> PACKER DEPTH: <u>-</u> STATIC WATER LEVEL: <u>4.65'</u> COLUMN OF WATER: <u>14.35'</u> COLUMN OF WATER ABOVE PACKER: _____ COLUMN OF WATER BELOW PACKER: _____		CALCULATIONS: $14.35' \times .17 = 2.43 = 3 \text{ GAL} \times 3$ <u>9 GAL</u> PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <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> <td>GAL PURGED / TIME</td> <td>TEMP</td> <td>pH</td> <td>CONDUCTIVITY</td> <td>APPEARANCE</td> </tr> <tr> <td><u>3 GAL / 0936</u></td> <td><u>8.9°C</u></td> <td><u>6.75</u></td> <td><u>104</u></td> <td><u>CLEAR</u></td> </tr> <tr> <td><u>6 GAL / 0944</u></td> <td><u>8.9°C</u></td> <td><u>6.77</u></td> <td><u>106</u></td> <td><u>CLEAR</u></td> </tr> <tr> <td><u>9 GAL / 0952</u></td> <td><u>8.8°C</u></td> <td><u>6.79</u></td> <td><u>106</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>4.99</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>3 GAL / 0936</u>	<u>8.9°C</u>	<u>6.75</u>	<u>104</u>	<u>CLEAR</u>	<u>6 GAL / 0944</u>	<u>8.9°C</u>	<u>6.77</u>	<u>106</u>	<u>CLEAR</u>	<u>9 GAL / 0952</u>	<u>8.8°C</u>	<u>6.79</u>	<u>106</u>	<u>CLEAR</u>						TURBIDITY: <u>4.99</u>			NTU (meas. In field lab)	
PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)																																		
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																	
<u>3 GAL / 0936</u>	<u>8.9°C</u>	<u>6.75</u>	<u>104</u>	<u>CLEAR</u>																																	
<u>6 GAL / 0944</u>	<u>8.9°C</u>	<u>6.77</u>	<u>106</u>	<u>CLEAR</u>																																	
<u>9 GAL / 0952</u>	<u>8.8°C</u>	<u>6.79</u>	<u>106</u>	<u>CLEAR</u>																																	
TURBIDITY: <u>4.99</u>			NTU (meas. In field lab)																																		

COMMENTS:

MS-7 WLE 2.11'

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/9/2022</u>		WELL ID: <u>MW 9</u>		FIELD TEAM: MT <u>GF</u>																																											
SAMPLE ID: <u>GWMW-009-220309</u>			QA / QC SAMPLE ID: <u>MS/MSD here</u>																																												
FIELD CONDITIONS: <u>clear, 26°</u>																																															
START TIME: <u>0820</u> SAMPLE TIME: <u>0839</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>0902</u> DEDICATED BLADDER: ☒ DISPOSABLE BAILER: ☐ PRIVATE DOMESTIC WELL: ☐																																															
METER AND PURGING INFORMATION:																																															
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS																																												
pH	EXTECH 100	<u>476085</u>	Calibrated to 4, 7 & 10 buffer																																												
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm																																												
TURBIDITY	Hach 2100P	<u>#020100024957</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: PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)																																												
PACKER DEPTH: <u>NA</u>																																															
STATIC WATER LEVEL: <u>4.12'</u>																																															
COLUMN OF WATER: <u>21.06 * 0.17 = 3.6 use 4.0 gal/vol</u>																																															
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> <th colspan="2">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 colspan="2">APPEARANCE</th> </tr> <tr> <td><u>4 0825</u></td> <td><u>5.8</u></td> <td><u>7.02</u></td> <td><u>402</u></td> <td colspan="2"><u>clear</u></td> </tr> <tr> <td><u>8 0831</u></td> <td><u>5.7</u></td> <td><u>7.01</u></td> <td><u>407</u></td> <td colspan="2"><u>clear</u></td> </tr> <tr> <td><u>12 0838</u></td> <td><u>5.8</u></td> <td><u>7.03</u></td> <td><u>406</u></td> <td colspan="2"><u>clear</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td colspan="2"> </td> </tr> <tr> <td colspan="3"> </td> <td colspan="3">TURBIDITY: <u>3.46</u> NTU (meas. in field lab)</td> </tr> </table>						PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)		GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE		<u>4 0825</u>	<u>5.8</u>	<u>7.02</u>	<u>402</u>	<u>clear</u>		<u>8 0831</u>	<u>5.7</u>	<u>7.01</u>	<u>407</u>	<u>clear</u>		<u>12 0838</u>	<u>5.8</u>	<u>7.03</u>	<u>406</u>	<u>clear</u>											TURBIDITY: <u>3.46</u> NTU (meas. in field lab)		
PARAMETERS:		(+/- 10%)	(+/- .1)	(+/- 10%)																																											
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																											
<u>4 0825</u>	<u>5.8</u>	<u>7.02</u>	<u>402</u>	<u>clear</u>																																											
<u>8 0831</u>	<u>5.7</u>	<u>7.01</u>	<u>407</u>	<u>clear</u>																																											
<u>12 0838</u>	<u>5.8</u>	<u>7.03</u>	<u>406</u>	<u>clear</u>																																											
			TURBIDITY: <u>3.46</u> NTU (meas. in field lab)																																												
COMMENTS:																																															

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/9/2022</u>		WELL ID: <u>MW-16</u>		FIELD TEAM: <u>MT, GF</u>																																											
SAMPLE ID: <u>GMW-016-220309</u>		QA / QC SAMPLE ID: <u>- NA -</u>																																													
FIELD CONDITIONS: <u>CLEAR UPPER 20S → Low 30S</u>																																															
START TIME: <u>1015</u> SAMPLE TIME: <u>1100</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1107</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>472990</u>	Calibrated to 4, 7 & 10 buffer																																												
CONDUCTIVITY	ECTESTR 11+	<u>243</u>	Std. to 700 umhos/cm																																												
TURBIDITY	Hach 2100P	<u>#020100024957</u>	Std to 4.02, 39.4, and 331 NTU																																												
SWL INDICATOR																																															
TOTAL DEPTH OF WELL: <u>93.42'</u>			CALCULATIONS: <u>20.42' x .17 = 3.47 GAL = 4 GAL</u> <u>X 3 = 12 GAL</u> <u>52.51' x .433 x 1.25 + 30 = 60 PSI</u> PACKER INFORMATION: <u>COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)</u>																																												
PACKER DEPTH: <u>73.0'</u>																																															
STATIC WATER LEVEL: <u>20.49</u>																																															
COLUMN OF WATER: _____																																															
COLUMN OF WATER ABOVE PACKER: <u>52.51'</u>																																															
COLUMN OF WATER BELOW PACKER: <u>20.42'</u>																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>PARAMETERS:</td> <td>(+/- 10%)</td> <td>(+/- .1)</td> <td>(+/- 10%)</td> <td colspan="2"></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>4 GAL / 1027</u></td> <td><u>10.1</u></td> <td><u>6.90</u></td> <td><u>1690</u></td> <td colspan="2"><u>SLI CLOUDY</u></td> </tr> <tr> <td><u>8 GAL / 1042</u></td> <td><u>9.9</u></td> <td><u>6.88</u></td> <td><u>1700</u></td> <td colspan="2"><u>SLI CLOUDY</u></td> </tr> <tr> <td><u>12 GAL / 1056</u></td> <td><u>10.0</u></td> <td><u>6.87</u></td> <td><u>1710</u></td> <td colspan="2"><u>SLI CLOUDY → CLEAR</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td colspan="2"> </td> </tr> <tr> <td colspan="3">TURBIDITY: <u>1.10</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>4 GAL / 1027</u>	<u>10.1</u>	<u>6.90</u>	<u>1690</u>	<u>SLI CLOUDY</u>		<u>8 GAL / 1042</u>	<u>9.9</u>	<u>6.88</u>	<u>1700</u>	<u>SLI CLOUDY</u>		<u>12 GAL / 1056</u>	<u>10.0</u>	<u>6.87</u>	<u>1710</u>	<u>SLI CLOUDY → CLEAR</u>								TURBIDITY: <u>1.10</u>			NTU (meas. in field lab)		
PARAMETERS:	(+/- 10%)	(+/- .1)	(+/- 10%)																																												
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE																																											
<u>4 GAL / 1027</u>	<u>10.1</u>	<u>6.90</u>	<u>1690</u>	<u>SLI CLOUDY</u>																																											
<u>8 GAL / 1042</u>	<u>9.9</u>	<u>6.88</u>	<u>1700</u>	<u>SLI CLOUDY</u>																																											
<u>12 GAL / 1056</u>	<u>10.0</u>	<u>6.87</u>	<u>1710</u>	<u>SLI CLOUDY → CLEAR</u>																																											
TURBIDITY: <u>1.10</u>			NTU (meas. in field lab)																																												

COMMENTS:

wle MS2 = 10.49'

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/9/2022</u>		WELL ID: <u>MW-23</u>		FIELD TEAM: <u>MT</u> <u>GF</u>	
SAMPLE ID: <u>GWMW-023-220309</u>			QA / QC SAMPLE ID: <u>MWS-1-1-220309</u>		
FIELD CONDITIONS: <u>CLEAR COLD UPPER 20'S</u>					
START TIME: <u>0830</u> SAMPLE TIME: <u>0915</u> QA / QC SAMPLE TIME: <u>0900</u> END TIME: <u>0930</u> DEDICATED BLADDER: <u>X</u> DISPOSABLE BAILER: _____ PRIVATE DOMESTIC WELL: _____					
METER AND PURGING INFORMATION:					
METER		MAKE / MODEL		SERIAL NO.	
pH		EXTECH 100		472990	
CONDUCTIVITY		ECTESTR 11+		248	
TURBIDITY		Hach 2100P		#020100024957	
SWL INDICATOR					
TOTAL DEPTH OF WELL: <u>58.09'</u>			CALCULATIONS: $35.68' \times .17 = 6.06 = 7 \text{ GAL} \times 3 = 21 \text{ GALS}$		
PACKER DEPTH: _____					
STATIC WATER LEVEL: <u>22.41</u>					
COLUMN OF WATER: <u>35.68'</u>					
COLUMN OF WATER ABOVE PACKER: _____					
COLUMN OF WATER BELOW PACKER: _____			PACKER INFORMATION: COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)		
PARAMETERS: (+/- 10%) (+/- .1) (+/- 10%)					
GAL PURGED / TIME		TEMP	pH	CONDUCTIVITY	APPEARANCE
7 GAL / 0844		10.6	7.26	722	CLEAR
14 GAL / 0859		10.4	7.29	729	CLEAR
21 GAL / 0914		10.4	7.28	730	CLEAR
				TURBIDITY: <u>189</u> NTU (meas. in field lab)	

COMMENTS:

MICA GROUNDWATER SAMPLING FIELD SHEET

DATE: <u>3/9/2022</u>		WELL ID: <u>MW29</u>		FIELD TEAM: MT, <u>GF</u>	
SAMPLE ID: <u>GWMW-029-220309</u>			QA / QC SAMPLE ID: <u>NA</u>		
FIELD CONDITIONS: <u>clear, 34°</u>					
START TIME: <u>1011</u> SAMPLE TIME: <u>1120</u> QA / QC SAMPLE TIME: <u>NA</u> END TIME: <u>1129</u> DEDICATED BLADDER: ☒ DISPOSABLE BAILER: ☐ PRIVATE DOMESTIC WELL: ☐					
METER AND PURGING INFORMATION:					
METER	MAKE / MODEL	SERIAL NO.	CALIB. COMMENTS		
pH	EXTECH 100	<u>476085</u>	Calibrated to 4, 7 & 10 buffer		
CONDUCTIVITY	ECTESTR 11+	<u>7810</u>	Std. to 700 umhos/cm		
TURBIDITY	Hach 2100P	<u>#020100024957</u>	Std to 4.02, 39.4, and 331 NTU		
SWL INDICATOR	<u>Slope Ind.</u>	<u>23474</u>			
TOTAL DEPTH OF WELL: <u>61.50</u>			CALCULATIONS: * COW X .433 X 1.25 + 30 = PACKER INFLATION (PSI)		
PACKER DEPTH: <u>NA</u>					
STATIC WATER LEVEL: <u>38.48</u>					
COLUMN OF WATER: <u>23.02</u> * 0.17 = 3.9 use <u>4.0 gal/ft</u>					
COLUMN OF WATER ABOVE PACKER: <u>NA</u>					
COLUMN OF WATER BELOW PACKER: <u>NA</u>			PACKER INFORMATION:		
PARAMETERS: (+/- 10%) (+/- .1) (+/- 10%)					
GAL PURGED / TIME	TEMP	pH	CONDUCTIVITY	APPEARANCE	
<u>2</u> <u>1015</u>	<u>9.0</u>	<u>6.42</u>	<u>660</u>	<u>Clear</u>	
<u>4</u> <u>1019</u>	<u>8.8</u>	<u>6.33</u>	<u>676</u>	<u>Clear</u>	
<u>6</u> <u>1024</u>	<u>8.7</u>	<u>6.38</u>	<u>672</u>	<u>Clear</u>	
<u>7</u> <u>1035</u>	<u>8.5</u>	<u>6.37</u>	<u>667</u>	<u>Clear</u>	
<u>Final</u> <u>1128</u>	<u>8.9</u>	<u>6.32</u>	<u>653</u>	<u>Clear</u>	
			TURBIDITY: <u>1.13</u>	NTU (meas. in field lab)	

COMMENTS:

* Low recovery/recharge monitoring well, pumped dry allowed to recover then sampled

APPENDIX C: GROUNDWATER SAMPLING LABORATORY RESULTS



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
GWDW-002-220308	X2C0159-01	Ground Water	08-Mar-22 09:01	GF/MT	09-Mar-2022	
GWDW-003-220308	X2C0159-02	Ground Water	08-Mar-22 10:36	GF/MT	09-Mar-2022	
GWMS-004-220308	X2C0159-03	Ground Water	08-Mar-22 13:49	GF/MT	09-Mar-2022	
GWMS-005-220308	X2C0159-04	Ground Water	08-Mar-22 12:55	GF/MT	09-Mar-2022	
GWMW-010-220308	X2C0159-05	Ground Water	08-Mar-22 13:30	GF/MT	09-Mar-2022	
GWMW-013-220308	X2C0159-06	Ground Water	08-Mar-22 11:00	GF/MT	09-Mar-2022	
GWMW-014-220308	X2C0159-07	Ground Water	08-Mar-22 09:15	GF/MT	09-Mar-2022	
GWMW-019R-220308	X2C0159-08	Ground Water	08-Mar-22 14:23	GF/MT	09-Mar-2022	
GWMW-020-220308	X2C0159-09	Ground Water	08-Mar-22 12:25	GF/MT	09-Mar-2022	
GWMW-031-220308	X2C0159-10	Ground Water	08-Mar-22 10:00	GF/MT	09-Mar-2022	
MWS-1-2-220308	X2C0159-11	Ground Water	08-Mar-22 12:36	GF/MT	09-Mar-2022	

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

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.



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWDW-002-220308**

Sampled: 08-Mar-22 09:01

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-01 (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		X212073	MWD	03/22/22 11:52	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.0323	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 12:31	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 12:31	
EPA 6010D	Manganese	0.0147	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 12:31	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 12:31	
EPA 6010D	Zinc	0.354	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 12:31	M2
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 16:48	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 15:48	
SM 2320 B	Total Alkalinity	161	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 18:56	
SM 2320 B	Bicarbonate	161	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 18:56	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 18:56	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X211187	RS	03/10/22 17:55	
Anions by Ion Chromatography										
EPA 300.0	Chloride	6.20	mg/L	0.20	0.14		X211184	RS	03/10/22 01:18	
EPA 300.0	Nitrate as N	0.764	mg/L	0.050	0.043		X211184	RS	03/10/22 01:18	
EPA 300.0	Sulfate as SO₄	6.65	mg/L	0.30	0.18		X211184	RS	03/10/22 01:18	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWDW-003-220308**

Sampled: 08-Mar-22 10:36

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-02 (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		X212073	MWD	03/22/22 11:54	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.0284	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 12:41	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 12:41	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 12:41	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 12:41	
EPA 6010D	Zinc	0.0954	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 12:41	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 16:54	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 15:51	
SM 2320 B	Total Alkalinity	192	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:03	
SM 2320 B	Bicarbonate	192	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:03	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:03	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X211187	RS	03/10/22 18:09	

Anions by Ion Chromatography

EPA 300.0	Chloride	0.85	mg/L	0.20	0.14		X211184	RS	03/10/22 01:34	
EPA 300.0	Nitrate as N	1.72	mg/L	0.050	0.043		X211184	RS	03/10/22 01:34	
EPA 300.0	Sulfate as SO₄	1.25	mg/L	0.30	0.18		X211184	RS	03/10/22 01:34	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMS-004-220308**

Sampled: 08-Mar-22 13:49

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-03 (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		X212073	MWD	03/22/22 11:56	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.0891	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 12:44	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 12:44	
EPA 6010D	Manganese	0.0222	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 12:44	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 12:44	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 12:44	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 16:56	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	0.144	mg/L	0.060	0.025	2	X213065	KJR	03/23/22 15:53	D
SM 2320 B	Total Alkalinity	177	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:11	
SM 2320 B	Bicarbonate	177	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:11	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:11	
SM 2540 C	Total Diss. Solids	264	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	1.62	mg/L	1.00	0.38		X211187	RS	03/10/22 18:24	

Anions by Ion Chromatography

EPA 300.0	Chloride	0.68	mg/L	0.20	0.14		X211184	RS	03/10/22 02:20	
EPA 300.0	Nitrate as N	10.1	mg/L	0.500	0.430	10	X211184	RS	03/10/22 02:35	D2
EPA 300.0	Sulfate as SO ₄	9.84	mg/L	0.30	0.18		X211184	RS	03/10/22 02:20	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMS-005-220308**

Sampled: 08-Mar-22 12:55

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-04 (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		X212073	MWD	03/22/22 12:06	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.0459	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 12:48	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 12:48	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 12:48	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 12:48	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 12:48	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 16:59	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 15:56	
SM 2320 B	Total Alkalinity	104	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:18	
SM 2320 B	Bicarbonate	104	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:18	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:18	
SM 2540 C	Total Diss. Solids	189	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	1.44	mg/L	1.00	0.38		X211187	RS	03/10/22 19:08	
Anions by Ion Chromatography										
EPA 300.0	Chloride	21.6	mg/L	2.00	1.40	10	X211184	RS	03/10/22 03:37	D2
EPA 300.0	Nitrate as N	1.42	mg/L	0.050	0.043		X211184	RS	03/10/22 02:51	
EPA 300.0	Sulfate as SO ₄	15.7	mg/L	0.30	0.18		X211184	RS	03/10/22 02:51	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMW-010-220308**

Sampled: 08-Mar-22 13:30

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-05 (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		X212073	MWD	03/22/22 12:08	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.0440	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 12:51	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 12:51	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 12:51	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 12:51	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 12:51	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:01	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 15:59	
SM 2320 B	Total Alkalinity	95.1	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:34	
SM 2320 B	Bicarbonate	95.1	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:34	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:34	
SM 2540 C	Total Diss. Solids	108	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X211187	RS	03/10/22 19:23	
Anions by Ion Chromatography										
EPA 300.0	Chloride	0.45	mg/L	0.20	0.14		X211184	RS	03/10/22 03:52	
EPA 300.0	Nitrate as N	0.240	mg/L	0.050	0.043		X211184	RS	03/10/22 03:52	
EPA 300.0	Sulfate as SO ₄	0.74	mg/L	0.30	0.18		X211184	RS	03/10/22 03:52	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMW-013-220308**

Sampled: 08-Mar-22 11:00

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-06 (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		X212073	MWD	03/22/22 12:11	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.0486	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 12:55	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 12:55	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 12:55	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 12:55	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 12:55	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:03	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:01	
SM 2320 B	Total Alkalinity	202	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:41	
SM 2320 B	Bicarbonate	202	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:41	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:41	
SM 2540 C	Total Diss. Solids	173	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	1.23	mg/L	1.00	0.38		X211187	RS	03/10/22 19:39	

Anions by Ion Chromatography

EPA 300.0	Chloride	8.69	mg/L	0.20	0.14		X211184	RS	03/10/22 04:23	
EPA 300.0	Nitrate as N	0.381	mg/L	0.050	0.043		X211184	RS	03/10/22 04:23	
EPA 300.0	Sulfate as SO ₄	3.31	mg/L	0.30	0.18		X211184	RS	03/10/22 04:23	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMW-014-220308**

Sampled: 08-Mar-22 09:15

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-07 (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		X212073	MWD	03/22/22 12:28	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	< 0.0040	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 13:06	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 13:06	
EPA 6010D	Manganese	0.160	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 13:06	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 13:06	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 13:06	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:10	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:16	
SM 2320 B	Total Alkalinity	80.3	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:48	
SM 2320 B	Bicarbonate	80.3	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:48	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:48	
SM 2540 C	Total Diss. Solids	93	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	< 1.00	mg/L	1.00	0.38		X211187	RS	03/10/22 19:54	

Anions by Ion Chromatography

EPA 300.0	Chloride	0.80	mg/L	0.20	0.14		X211184	RS	03/10/22 04:38	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X211184	RS	03/10/22 04:38	
EPA 300.0	Sulfate as SO₄	9.09	mg/L	0.30	0.18		X211184	RS	03/10/22 04:38	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMW-019R-220308**

Sampled: 08-Mar-22 14:23

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-08 (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		X212073	MWD	03/22/22 12:30	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.0328	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 13:09	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 13:09	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 13:09	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 13:09	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 13:09	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:12	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:17	
SM 2320 B	Total Alkalinity	106	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:55	
SM 2320 B	Bicarbonate	106	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:55	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 19:55	
SM 2540 C	Total Diss. Solids	117	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	1.15	mg/L	1.00	0.38		X211187	RS	03/10/22 20:09	

Anions by Ion Chromatography

EPA 300.0	Chloride	6.16	mg/L	0.20	0.14		X211184	RS	03/10/22 04:54	
EPA 300.0	Nitrate as N	1.26	mg/L	0.050	0.043		X211184	RS	03/10/22 04:54	
EPA 300.0	Sulfate as SO ₄	4.65	mg/L	0.30	0.18		X211184	RS	03/10/22 04:54	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMW-020-220308**

Sampled: 08-Mar-22 12:25

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-09 (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		X212073	MWD	03/22/22 12:32	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.458	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 13:13	
EPA 6010D	Lead	0.0516	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 13:13	
EPA 6010D	Manganese	0.262	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 13:13	
EPA 6010D	Vanadium	0.0058	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 13:13	
EPA 6010D	Zinc	0.0836	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 13:13	
EPA 6020B	Arsenic	0.00696	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:14	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:20	
SM 2320 B	Total Alkalinity	246	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:02	
SM 2320 B	Bicarbonate	246	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:02	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:02	
SM 2540 C	Total Diss. Solids	293	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	1.26	mg/L	1.00	0.38		X211187	RS	03/10/22 20:23	

Anions by Ion Chromatography

EPA 300.0	Chloride	7.52	mg/L	0.20	0.14		X211184	RS	03/10/22 05:09	
EPA 300.0	Nitrate as N	2.02	mg/L	0.050	0.043		X211184	RS	03/10/22 05:09	
EPA 300.0	Sulfate as SO ₄	6.57	mg/L	0.30	0.18		X211184	RS	03/10/22 05:09	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **GWMW-031-220308**

Sampled: 08-Mar-22 10:00

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-10 (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		X212073	MWD	03/22/22 12:34	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.0411	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 13:16	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 13:16	
EPA 6010D	Manganese	0.0129	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 13:16	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 13:16	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 13:16	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:16	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:23	
SM 2320 B	Total Alkalinity	44.5	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:09	
SM 2320 B	Bicarbonate	44.5	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:09	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:09	
SM 2540 C	Total Diss. Solids	103	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	6.61	mg/L	1.00	0.38		X211187	RS	03/10/22 20:38	

Anions by Ion Chromatography

EPA 300.0	Chloride	1.90	mg/L	0.20	0.14		X211184	RS	03/10/22 05:24	
EPA 300.0	Nitrate as N	1.26	mg/L	0.050	0.043		X211184	RS	03/10/22 05:24	
EPA 300.0	Sulfate as SO₄	4.47	mg/L	0.30	0.18		X211184	RS	03/10/22 05:24	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Client Sample ID: **MWS-1-2-220308**

Sampled: 08-Mar-22 12:36

Received: 09-Mar-22

Sampled By: GF/MT

SVL Sample ID: **X2C0159-11 (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		X212073	MWD	03/22/22 12:36	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.0455	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 13:20	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 13:20	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 13:20	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 13:20	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 13:20	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:19	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:25	
SM 2320 B	Total Alkalinity	115	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:16	
SM 2320 B	Bicarbonate	115	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:16	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213030	MWD	03/21/22 20:16	
SM 2540 C	Total Diss. Solids	175	mg/L	10			X212050	TJL	03/15/22 14:05	
SM 5310B	Total Organic Carbon	1.41	mg/L	1.00	0.38		X211187	RS	03/10/22 20:53	
Anions by Ion Chromatography										
EPA 300.0	Chloride	21.7	mg/L	2.00	1.40	10	X211184	RS	03/10/22 05:55	D2
EPA 300.0	Nitrate as N	1.41	mg/L	0.050	0.043		X211184	RS	03/10/22 05:40	
EPA 300.0	Sulfate as SO ₄	15.7	mg/L	0.30	0.18		X211184	RS	03/10/22 05:40	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road

Colbert, WA 99005

Work Order:

X2C0159

Reported:

29-Mar-22 11:46

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	X212073	22-Mar-22	
-----------	---------	------	-----------	----------	----------	---------	-----------	--

Metals (Total Recoverable)

EPA 6010D	Barium	mg/L	<0.0040	0.0019	0.0040	X212006	24-Mar-22	
EPA 6010D	Lead	mg/L	<0.0150	0.0049	0.0150	X212006	24-Mar-22	
EPA 6010D	Manganese	mg/L	<0.0080	0.0034	0.0080	X212006	24-Mar-22	
EPA 6010D	Vanadium	mg/L	<0.0050	0.0019	0.0050	X212006	24-Mar-22	
EPA 6010D	Zinc	mg/L	<0.0100	0.0054	0.0100	X212006	24-Mar-22	
EPA 6020B	Arsenic	mg/L	<0.00300	0.00021	0.00300	X212009	28-Mar-22	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X213065	23-Mar-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X213030	21-Mar-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X213030	21-Mar-22	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X213030	21-Mar-22	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X212050	15-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X211187	10-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X211187	10-Mar-22	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	<0.20	0.14	0.20	X211184	10-Mar-22	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.043	0.050	X211184	10-Mar-22	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X211184	10-Mar-22	

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	0.00506	0.00500	101	80 - 120	X212073	22-Mar-22	
-----------	---------	------	---------	---------	-----	----------	---------	-----------	--

Metals (Total Recoverable)

EPA 6010D	Barium	mg/L	1.00	1.00	100	80 - 120	X212006	24-Mar-22	
EPA 6010D	Lead	mg/L	0.996	1.00	99.6	80 - 120	X212006	24-Mar-22	
EPA 6010D	Manganese	mg/L	0.991	1.00	99.1	80 - 120	X212006	24-Mar-22	
EPA 6010D	Vanadium	mg/L	1.03	1.00	103	80 - 120	X212006	24-Mar-22	
EPA 6010D	Zinc	mg/L	0.992	1.00	99.2	80 - 120	X212006	24-Mar-22	
EPA 6020B	Arsenic	mg/L	0.0259	0.0250	104	80 - 120	X212009	28-Mar-22	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.07	1.00	107	90 - 110	X213065	23-Mar-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	102	99.3	103	96.4 - 105	X213030	21-Mar-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	102	99.3	103	0 - 200	X213030	21-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	36.8	34.3	107	90 - 110	X211187	10-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	35.4	34.3	103	90 - 110	X211187	10-Mar-22	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	3.07	3.00	102	90 - 110	X211184	10-Mar-22	
EPA 300.0	Nitrate as N	mg/L	2.02	2.00	101	90 - 110	X211184	10-Mar-22	
EPA 300.0	Sulfate as SO4	mg/L	9.97	10.0	99.7	90 - 110	X211184	10-Mar-22	

SVL holds the following certifications:

AZ:0538, ID:ID00019 & ID00965 (Microbiology), NV:ID000192007A, SC:58004001, UT(TNI):ID000192015-1, WA:C573

Work



Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road

Colbert, WA 99005

Work Order:

X2C0159

Reported:

29-Mar-22 11:46

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	185	177	4.2	20	X213030 - X2C0159-03	21-Mar-22	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	185	177	4.2	20	X213030 - X2C0159-03	21-Mar-22	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0	<1.0	UDL	20	X213030 - X2C0159-03	21-Mar-22	
SM 2540 C	Total Diss. Solids	mg/L	194	189	2.6	10	X212050 - X2C0159-04	15-Mar-22	
SM 2540 C	Total Diss. Solids	mg/L	337	337	0.0	10	X212050 - X2C0211-02	15-Mar-22	

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	0.00103	<0.000200	0.00100	103	75 - 125	X212073 - X2C0159-03	22-Mar-22	
EPA 7470A	Mercury	mg/L	0.00106	<0.000200	0.00100	106	75 - 125	X212073 - X2C0159-11	22-Mar-22	
Metals (Total Recoverable)										
EPA 6010D	Barium	mg/L	1.03	0.116	1.00	91.4	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Barium	mg/L	1.11	0.0323	1.00	108	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Lead	mg/L	0.995	<0.0150	1.00	99.5	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Lead	mg/L	0.985	<0.0150	1.00	98.5	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Manganese	mg/L	1.00	0.139	1.00	86.2	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Manganese	mg/L	1.12	0.0147	1.00	110	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Vanadium	mg/L	1.04	<0.0050	1.00	103	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Vanadium	mg/L	1.03	<0.0050	1.00	103	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Zinc	mg/L	1.34	<0.0100	1.00	134	75 - 125	X212006 - X2C0193-01	24-Mar-22	M1
EPA 6010D	Zinc	mg/L	0.979	0.354	1.00	62.5	75 - 125	X212006 - X2C0159-01	24-Mar-22	M2
EPA 6020B	Arsenic	mg/L	0.0261	<0.00300	0.0250	103	75 - 125	X212009 - X2C0159-01	28-Mar-22	
EPA 6020B	Arsenic	mg/L	0.0262	<0.00300	0.0250	103	75 - 125	X212009 - X2C0193-01	28-Mar-22	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	mg/L	1.08	<0.030	1.00	108	90 - 110	X213065 - X2C0193-01	23-Mar-22	
EPA 350.1	Ammonia as N	mg/L	1.06	<0.030	1.00	106	90 - 110	X213065 - X2C0159-01	23-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	11.0	<1.00	10.0	104	80 - 120	X211187 - X2C0159-01	10-Mar-22	
Anions by Ion Chromatography										
EPA 300.0	Chloride	mg/L	3.91	0.85	3.00	102	90 - 110	X211184 - X2C0159-02	10-Mar-22	
EPA 300.0	Chloride	mg/L	3.55	0.45	3.00	103	90 - 110	X211184 - X2C0159-05	10-Mar-22	
EPA 300.0	Nitrate as N	mg/L	3.71	1.72	2.00	99.5	90 - 110	X211184 - X2C0159-02	10-Mar-22	
EPA 300.0	Nitrate as N	mg/L	2.24	0.240	2.00	100	90 - 110	X211184 - X2C0159-05	10-Mar-22	
EPA 300.0	Sulfate as SO ₄	mg/L	11.5	1.25	10.0	102	90 - 110	X211184 - X2C0159-02	10-Mar-22	
EPA 300.0	Sulfate as SO ₄	mg/L	11.0	0.74	10.0	103	90 - 110	X211184 - X2C0159-05	10-Mar-22	



Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road

Colbert, WA 99005

Work Order:

X2C0159

Reported:

29-Mar-22 11:46

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	0.00104	0.00103	0.00100	1.9	20	104	X212073 - X2C0159-03	
Metals (Total Recoverable)										
EPA 6010D	Barium	mg/L	1.04	1.03	1.00	0.9	20	92.3	X212006 - X2C0193-01	
EPA 6010D	Barium	mg/L	1.11	1.11	1.00	0.1	20	108	X212006 - X2C0159-01	
EPA 6010D	Lead	mg/L	0.984	0.985	1.00	0.1	20	98.4	X212006 - X2C0159-01	
EPA 6010D	Lead	mg/L	0.986	0.995	1.00	0.8	20	98.6	X212006 - X2C0193-01	
EPA 6010D	Manganese	mg/L	0.999	1.00	1.00	0.2	20	86.0	X212006 - X2C0193-01	
EPA 6010D	Manganese	mg/L	1.12	1.12	1.00	0.0	20	110	X212006 - X2C0159-01	
EPA 6010D	Vanadium	mg/L	1.03	1.04	1.00	0.6	20	103	X212006 - X2C0193-01	
EPA 6010D	Vanadium	mg/L	1.04	1.03	1.00	0.7	20	104	X212006 - X2C0159-01	
EPA 6010D	Zinc	mg/L	0.977	0.979	1.00	0.2	20	62.3	X212006 - X2C0159-01	M2
EPA 6010D	Zinc	mg/L	1.33	1.34	1.00	0.9	20	133	X212006 - X2C0193-01	M1
EPA 6020B	Arsenic	mg/L	0.0263	0.0262	0.0250	0.6	20	104	X212009 - X2C0193-01	
EPA 6020B	Arsenic	mg/L	0.0264	0.0261	0.0250	0.9	20	104	X212009 - X2C0159-01	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.09	1.08	1.00	0.6	20	109	X213065 - X2C0193-01	
SM 5310B	Total Organic Carbon	mg/L	10.9	11.0	10.0	1.1	20	103	X211187 - X2C0159-01	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	3.93	3.91	3.00	0.5	20	103	X211184 - X2C0159-02	
EPA 300.0	Nitrate as N	mg/L	3.73	3.71	2.00	0.8	20	101	X211184 - X2C0159-02	
EPA 300.0	Sulfate as SO4	mg/L	11.5	11.5	10.0	0.7	20	103	X211184 - X2C0159-02	

Quality Control - SERIAL DILUTION Data

Method	Analyte	Sample Result	Serial Dilution Result	RPD	Q	QC Limits	Batch and Source ID	Notes
--------	---------	---------------	------------------------	-----	---	-----------	---------------------	-------

Metals (Total Recoverable)

EPA 6010D	Zinc	0.979	0.944	3.6		20	X212006 - MS2	
-----------	------	-------	-------	-----	--	----	---------------	--

Quality Control - SERIAL DILUTION Data

Method	Analyte	Sample Result	Serial Dilution Result	RPD	Q	QC Limits	Batch and Source ID	Notes
--------	---------	---------------	------------------------	-----	---	-----------	---------------------	-------

Metals (Total Recoverable)

EPA 6010D	Zinc	1.34	1.26	5.7		20	X212006 - MS1	
-----------	------	------	------	-----	--	----	---------------	--



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0159**
Reported: 29-Mar-22 11:46

Notes and Definitions

D	The reported value is from a dilution.
D2	Sample required dilution due to high concentration of target analyte.
M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
M2	Matrix spike recovery was low, 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

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

Work Order: **X2C0159**
Spokane County Environmental Services (I



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

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

0.82e
0.40e

SHIPPING CO: UPS
SHIPPING #: 1K2672247649
NUMBER OF COOLERS: 27651

DATE: 3/8/2002
PAGE 1 OF 1

PARAMETERS:	TOC	AMMONIA	MONITORING		RESIDENTIAL		METALS (As / Ba / Pb / Hg Mn / V / Zn)	SAMPLERS:
			CI / SO4 / TDS NO3 / ALKALINITY	CI / SO4 / NO3 ALKALINITY	CI / SO4 / NO3 ALKALINITY	CI / SO4 / NO3 ALKALINITY		
METHOD:	415.1	350.1	300.0/300.0/160.1 300.0 / 2320 B	300.0/300.0/300.0 2320B	300.0/300.0/300.0 2320B	300.0/300.0/300.0 2320B	7060A / 6010B / 7470A	M. TERNIS
BOTTLES:	1-40 ml. VOC	1-500 ml POLY BOTTLE	1-500 ml POLY BOTTLE	1-500 ml. POLY BOTTLE	1-500 ml. POLY BOTTLE	1-500 ml. POLY BOTTLE	1-500 ml. POLY BOTTLE	
LAB:	SVL	SVL	SVL	SVL	SVL	SVL	SVL	
PRESERVATION:	HCL PH < 2	H2SO4 PH < 2	UNPRESERVED	UNPRESERVED	UNPRESERVED	UNPRESERVED	HN03 PH < 2 (NOT FILTERED)	COOLER NUMBER
SAMPLE IDENTIFICATION	DATE	TIME						NUMBER BOTTLES
GWDW-002-220308	3/8	0901	X	X	X	X	X	#75 4
GW DN-003-220308	3/8	1036	X	X	X	X	X	#14 4
GW MS-004-220308	3/8	1349	X	X	X	X	X	#75 4
GW MS-005-220308	3/8	1255	X	X	X	X	X	#75 4
GW MW-010-220308	3/8	1330	X	X	X	X	X	#14 4
GW MW-013-220308	3/8	1100	X	X	X	X	X	#14 4
GW MW-014-220308	3/8	0915	X	X	X	X	X	#14 4
GW MW-019-220308	3/8	1403	X	X	X	X	X	#75 4
GW MW-020-220308	3/8	1225	X	X	X	X	X	#14 4
GW MW-031-220308	3/8	1000	X	X	X	X	X	#14 4
MWS-1-2-220308	3/8	1236	X	X	X	X	X	#75 4

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

RELINQUISHED BY SIGNATURE: <i>Mike S. Ternis</i> PRINT NAME: MIKE S. TERNIS COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE	RECEIVED BY SIGNATURE: <i>L. Flores</i> PRINT NAME: L. FLORES COMPANY: SVL
DATE: 3/8/2002 TIME: 1530	DATE: 3/9/02 TIME: 9:00

*ALL TOC ARE IN Cooler #75

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

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

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

0.8°C, 0.4°C

SHIPPING CO: UPS
SHIPPING #: 1K2672247643
NUMBER OF COOLERS: 2

DATE: 3/8/2002
PAGE 1 **OF** 1

PARAMETERS:	DATE	TIME	MONITORING			RESIDENTIAL		METALS (As / Ba / Pb / Hg Mn / V / Zn)	SAMPLERS:
			TOC	AMMONIA	CI / SO4 / TDS NO3 / ALKALINITY	CI / SO4 / NO3 ALKALINITY			
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. F. SETTE
BOTTLES:			1-40 ml. VOC	1-500 ml POLY BOTTLE	1-500 ml POLY BOTTLE	1-500 ml. POLY BOTTLE		1-500 ml. POLY BOTTLE	M. TERNUS
LAB:			SVL	SVL	SVL	SVL		SVL	
PRESERVATION:			HCL PH < 2	H2SO4 PH < 2	UNPRESERVED	UNPRESERVED		HNO3 PH < 2 (NOT FILTERED)	
SAMPLE IDENTIFICATION	DATE	TIME							
GW DW-002-220308	3/8	0901	X	X	X	X	X	X	#75 4
GW DW-003-220308	3/8	1036	X	X	X	X	X	X	#14 4
GW MS-004-220308	3/8	1349	X	X	X	X	X	X	#75 4
GW MS-005-220308	3/8	1255	X	X	X	X	X	X	#14 4
GW MW-010-220308	3/8	1330	X	X	X	X	X	X	#14 4
GW MW-013-220308	3/8	1100	X	X	X	X	X	X	#14 4
GW MW-014-220308	3/8	0915	X	X	X	X	X	X	#75 4
GW MW-019-220308	3/8	1425	X	X	X	X	X	X	#14 4
GW MW-020-220308	3/8	1225	X	X	X	X	X	X	#14 4
GW MW-031-220308	3/8	1000	X	X	X	X	X	X	#14 4
MNS-1-2-220308	3/8	1236	X	X	X	X	X	X	#75 4

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

RELINQUISHED BY SIGNATURE: <i>Mike S. Ternus</i> PRINT NAME: MIKE S. TERNUS COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE	DATE: 3/8/2002 TIME: 1530	RECEIVED BY SIGNATURE: <i>[Signature]</i> PRINT NAME: C. FLORES COMPANY: SVL	DATE: 3/9/22 TIME: 9:00
--	--	--	--

*ALL TOC ARE IN COOLER #75

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: 3/9/2022

By: [Signature]

SVL Work No: X2C0159

Item	Description	V	NA	Comments
1	Client or project name	✓		SPOKANE COUNTY
2	Date and time of receipt at lab	✓		3/9/22 8:00 9:00
3	Received by	✓		C. FLORES
4	Temperature blank or cooler temperature	✓		Temp 0.8 °C, 0.4 °C T059/T098
5	Were the sample(s) received on ice	✓		YES
6	Custody tape/bottle seals	✓		YES
7	Shipper's air bill	✓		
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:



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: **X2C0193**
Reported: 29-Mar-22 11:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received	Notes
GWMW-009-220309	X2C0193-01	Ground Water	09-Mar-22 08:39	GFS/MT	10-Mar-2022	
GWMW-023-220309	X2C0193-02	Ground Water	09-Mar-22 09:15	GFS/MT	10-Mar-2022	
GWMW-029-220309	X2C0193-03	Ground Water	09-Mar-22 11:20	GFS/MT	10-Mar-2022	
GWMW-016-220309	X2C0193-04	Ground Water	09-Mar-22 11:00	GFS/MT	10-Mar-2022	
MWS-1-1-220309	X2C0193-05	Ground Water	09-Mar-22 09:00	GFS/MT	10-Mar-2022	

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

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.



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0193**
Reported: 29-Mar-22 11:58

Client Sample ID: **GWMW-009-220309**

Sampled: 09-Mar-22 08:39

Received: 10-Mar-22

Sampled By: GFS/MT

SVL Sample ID: **X2C0193-01 (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		X212256	KAH	03/24/22 12:07	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.116	mg/L	0.0040	0.0019		X212006	JFB	03/24/22 13:23	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	JFB	03/24/22 13:23	
EPA 6010D	Manganese	0.139	mg/L	0.0080	0.0034		X212006	JFB	03/24/22 13:23	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	JFB	03/24/22 13:23	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	JFB	03/24/22 13:23	M1
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:21	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:28	
SM 2320 B	Total Alkalinity	200	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:32	
SM 2320 B	Bicarbonate	200	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:32	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:32	
SM 2540 C	Total Diss. Solids	255	mg/L	10			X212141	TJL	03/16/22 20:10	
SM 5310B	Total Organic Carbon	2.81	mg/L	1.00	0.38		X213016	RS	03/21/22 18:22	
Anions by Ion Chromatography										
EPA 300.0	Chloride	10.8	mg/L	2.00	1.40	10	X211193	RS	03/10/22 21:03	D2
EPA 300.0	Nitrate as N	0.137	mg/L	0.050	0.043		X211193	RS	03/10/22 20:47	
EPA 300.0	Sulfate as SO₄	3.17	mg/L	0.30	0.18		X211193	RS	03/10/22 20:47	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0193**
Reported: 29-Mar-22 11:58

Client Sample ID: **GWMW-023-220309**

Sampled: 09-Mar-22 09:15

Received: 10-Mar-22

Sampled By: GFS/MT

SVL Sample ID: **X2C0193-02 (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		X212256	KAH	03/24/22 12:14	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.127	mg/L	0.0040	0.0019		X212006	AS	03/24/22 13:33	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	AS	03/24/22 13:33	
EPA 6010D	Manganese	0.847	mg/L	0.0080	0.0034		X212006	AS	03/24/22 13:33	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	AS	03/24/22 13:33	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	AS	03/24/22 13:33	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:27	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:31	
SM 2320 B	Total Alkalinity	331	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:39	
SM 2320 B	Bicarbonate	331	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:39	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:39	
SM 2540 C	Total Diss. Solids	434	mg/L	10			X212141	TJL	03/16/22 20:10	
SM 5310B	Total Organic Carbon	2.47	mg/L	1.00	0.38		X213016	RS	03/21/22 18:37	

Anions by Ion Chromatography

EPA 300.0	Chloride	47.8	mg/L	2.00	1.40	10	X211193	RS	03/10/22 23:06	D2
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X211193	RS	03/10/22 22:50	
EPA 300.0	Sulfate as SO ₄	8.88	mg/L	0.30	0.18		X211193	RS	03/10/22 22:50	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0193**
Reported: 29-Mar-22 11:58

Client Sample ID: **GWMW-029-220309**

Sampled: 09-Mar-22 11:20

Received: 10-Mar-22

Sampled By: GFS/MT

SVL Sample ID: **X2C0193-03 (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		X212256	KAH	03/24/22 12:16	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.100	mg/L	0.0040	0.0019		X212006	AS	03/24/22 13:36	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	AS	03/24/22 13:36	
EPA 6010D	Manganese	< 0.0080	mg/L	0.0080	0.0034		X212006	AS	03/24/22 13:36	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	AS	03/24/22 13:36	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	AS	03/24/22 13:36	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:30	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:33	
SM 2320 B	Total Alkalinity	105	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:47	
SM 2320 B	Bicarbonate	105	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:47	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:47	
SM 2540 C	Total Diss. Solids	374	mg/L	10			X212141	TJL	03/16/22 20:10	
SM 5310B	Total Organic Carbon	1.09	mg/L	1.00	0.38		X213016	RS	03/21/22 19:22	

Anions by Ion Chromatography

EPA 300.0	Chloride	144	mg/L	5.00	3.50	25	X211193	RS	03/10/22 23:36	D2
EPA 300.0	Nitrate as N	0.882	mg/L	0.050	0.043		X211193	RS	03/10/22 23:21	
EPA 300.0	Sulfate as SO ₄	7.27	mg/L	0.30	0.18		X211193	RS	03/10/22 23:21	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0193**
Reported: 29-Mar-22 11:58

Client Sample ID: **GWMW-016-220309**

Sampled: 09-Mar-22 11:00

Received: 10-Mar-22

Sampled By: GFS/MT

SVL Sample ID: **X2C0193-04 (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		X212256	KAH	03/24/22 12:18	
Metals (Total Recoverable)										
EPA 6010D	Barium	0.580	mg/L	0.0040	0.0019		X212006	AS	03/24/22 13:48	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	AS	03/24/22 13:48	
EPA 6010D	Manganese	0.433	mg/L	0.0080	0.0034		X212006	AS	03/24/22 13:48	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	AS	03/24/22 13:48	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	AS	03/24/22 13:48	
EPA 6020B	Arsenic	0.0590	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:36	
Classical Chemistry Parameters										
EPA 350.1	Ammonia as N	0.484	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:36	
SM 2320 B	Total Alkalinity	1300	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:53	
SM 2320 B	Bicarbonate	1300	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:53	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 14:53	
SM 2540 C	Total Diss. Solids	1390	mg/L	40			X212141	TJL	03/16/22 20:10	D2
SM 5310B	Total Organic Carbon	29.0	mg/L	1.00	0.38		X213016	RS	03/21/22 19:37	
Anions by Ion Chromatography										
EPA 300.0	Chloride	166	mg/L	5.00	3.50	25	X211193	RS	03/10/22 23:52	D2
EPA 300.0	Nitrate as N	< 1.25	mg/L	1.25	1.08	25	X211193	RS	03/10/22 23:52	D1
EPA 300.0	Sulfate as SO ₄	< 7.50	mg/L	7.50	4.50	25	X211193	RS	03/10/22 23:52	D1

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0193**
Reported: 29-Mar-22 11:58

Client Sample ID: **MWS-1-1-220309**

Sampled: 09-Mar-22 09:00

Received: 10-Mar-22

Sampled By: GFS/MT

SVL Sample ID: **X2C0193-05 (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		X212256	KAH	03/24/22 12:20	
-----------	---------	------------	------	----------	----------	--	---------	-----	----------------	--

Metals (Total Recoverable)

EPA 6010D	Barium	0.128	mg/L	0.0040	0.0019		X212006	AS	03/24/22 13:51	
EPA 6010D	Lead	< 0.0150	mg/L	0.0150	0.0049		X212006	AS	03/24/22 13:51	
EPA 6010D	Manganese	0.858	mg/L	0.0080	0.0034		X212006	AS	03/24/22 13:51	
EPA 6010D	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X212006	AS	03/24/22 13:51	
EPA 6010D	Zinc	< 0.0100	mg/L	0.0100	0.0054		X212006	AS	03/24/22 13:51	
EPA 6020B	Arsenic	< 0.00300	mg/L	0.00300	0.00021		X212009	JFB	03/28/22 17:38	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X213065	KJR	03/23/22 16:39	
SM 2320 B	Total Alkalinity	310	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 15:01	
SM 2320 B	Bicarbonate	310	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 15:01	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X213084	MWD	03/23/22 15:01	
SM 2540 C	Total Diss. Solids	456	mg/L	10			X212141	TJL	03/16/22 20:10	
SM 5310B	Total Organic Carbon	3.05	mg/L	1.00	0.38		X213016	RS	03/21/22 20:06	

Anions by Ion Chromatography

EPA 300.0	Chloride	47.8	mg/L	2.00	1.40	10	X211193	RS	03/11/22 00:23	D2
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.043		X211193	RS	03/11/22 00:07	
EPA 300.0	Sulfate as SO₄	9.02	mg/L	0.30	0.18		X211193	RS	03/11/22 00:07	

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Jessica Banaszak
Project Manager



Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road

Colbert, WA 99005

Work Order:

X2C0193

Reported:

29-Mar-22 11:58

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	X212256	24-Mar-22	
-----------	---------	------	-----------	----------	----------	---------	-----------	--

Metals (Total Recoverable)

EPA 6010D	Barium	mg/L	<0.0040	0.0019	0.0040	X212006	24-Mar-22	
EPA 6010D	Lead	mg/L	<0.0150	0.0049	0.0150	X212006	24-Mar-22	
EPA 6010D	Manganese	mg/L	<0.0080	0.0034	0.0080	X212006	24-Mar-22	
EPA 6010D	Vanadium	mg/L	<0.0050	0.0019	0.0050	X212006	24-Mar-22	
EPA 6010D	Zinc	mg/L	<0.0100	0.0054	0.0100	X212006	24-Mar-22	
EPA 6020B	Arsenic	mg/L	<0.00300	0.00021	0.00300	X212009	28-Mar-22	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	<0.030	0.013	0.030	X213065	23-Mar-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	<1.0		1.0	X213084	23-Mar-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	<1.0		1.0	X213084	23-Mar-22	
SM 2320 B	Carbonate	mg/L as CaCO3	<1.0		1.0	X213084	23-Mar-22	
SM 2540 C	Total Diss. Solids	mg/L	<10		10	X212141	16-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	<1.00	0.38	1.00	X213016	21-Mar-22	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	<0.20	0.14	0.20	X211193	10-Mar-22	
EPA 300.0	Nitrate as N	mg/L	<0.050	0.043	0.050	X211193	10-Mar-22	
EPA 300.0	Sulfate as SO4	mg/L	<0.30	0.18	0.30	X211193	10-Mar-22	

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	0.00512	0.00500	102	80 - 120	X212256	24-Mar-22	
-----------	---------	------	---------	---------	-----	----------	---------	-----------	--

Metals (Total Recoverable)

EPA 6010D	Barium	mg/L	1.00	1.00	100	80 - 120	X212006	24-Mar-22	
EPA 6010D	Lead	mg/L	0.996	1.00	99.6	80 - 120	X212006	24-Mar-22	
EPA 6010D	Manganese	mg/L	0.991	1.00	99.1	80 - 120	X212006	24-Mar-22	
EPA 6010D	Vanadium	mg/L	1.03	1.00	103	80 - 120	X212006	24-Mar-22	
EPA 6010D	Zinc	mg/L	0.992	1.00	99.2	80 - 120	X212006	24-Mar-22	
EPA 6020B	Arsenic	mg/L	0.0259	0.0250	104	80 - 120	X212009	28-Mar-22	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.07	1.00	107	90 - 110	X213065	23-Mar-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	10.1	9.93	102	96.4 - 105	X213084	23-Mar-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	102	99.3	102	96.4 - 105	X213084	23-Mar-22	
SM 2320 B	Total Alkalinity	mg/L as CaCO3	400	397	101	96.4 - 105	X213084	23-Mar-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	102	99.3	102	0 - 200	X213084	23-Mar-22	
SM 2320 B	Bicarbonate	mg/L as CaCO3	383	397	96.5	0 - 200	X213084	23-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	33.3	34.3	96.9	90 - 110	X213016	21-Mar-22	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	3.13	3.00	104	90 - 110	X211193	10-Mar-22	
EPA 300.0	Nitrate as N	mg/L	2.10	2.00	105	90 - 110	X211193	10-Mar-22	
EPA 300.0	Sulfate as SO4	mg/L	10.3	10.0	103	90 - 110	X211193	10-Mar-22	



Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road

Colbert, WA 99005

Work Order:

X2C0193

Reported:

29-Mar-22 11:58

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch and Source ID	Analyzed	Notes
Classical Chemistry Parameters									
SM 2320 B	Total Alkalinity	mg/L as CaCO ₃	200	200	0.0	20	X213084 - X2C0193-01	23-Mar-22	
SM 2320 B	Bicarbonate	mg/L as CaCO ₃	200	200	0.0	20	X213084 - X2C0193-01	23-Mar-22	
SM 2320 B	Carbonate	mg/L as CaCO ₃	<1.0	<1.0	UDL	20	X213084 - X2C0193-01	23-Mar-22	
SM 2540 C	Total Diss. Solids	mg/L	251	255	1.6	10	X212141 - X2C0193-01	16-Mar-22	
SM 2540 C	Total Diss. Solids	mg/L	588	604	2.7	10	X212141 - X2C0198-06	16-Mar-22	

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	0.00102	<0.000200	0.00100	102	75 - 125	X212256 - X2C0193-01	24-Mar-22	
EPA 7470A	Mercury	mg/L	0.000950	<0.000200	0.00100	95.0	75 - 125	X212256 - X2C0238-01	24-Mar-22	
Metals (Total Recoverable)										
EPA 6010D	Barium	mg/L	1.03	0.116	1.00	91.4	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Barium	mg/L	1.11	0.0323	1.00	108	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Lead	mg/L	0.995	<0.0150	1.00	99.5	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Lead	mg/L	0.985	<0.0150	1.00	98.5	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Manganese	mg/L	1.00	0.139	1.00	86.2	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Manganese	mg/L	1.12	0.0147	1.00	110	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Vanadium	mg/L	1.04	<0.0050	1.00	103	75 - 125	X212006 - X2C0193-01	24-Mar-22	
EPA 6010D	Vanadium	mg/L	1.03	<0.0050	1.00	103	75 - 125	X212006 - X2C0159-01	24-Mar-22	
EPA 6010D	Zinc	mg/L	1.34	<0.0100	1.00	134	75 - 125	X212006 - X2C0193-01	24-Mar-22	M1
EPA 6010D	Zinc	mg/L	0.979	0.354	1.00	62.5	75 - 125	X212006 - X2C0159-01	24-Mar-22	M2
EPA 6020B	Arsenic	mg/L	0.0261	<0.00300	0.0250	103	75 - 125	X212009 - X2C0159-01	28-Mar-22	
EPA 6020B	Arsenic	mg/L	0.0262	<0.00300	0.0250	103	75 - 125	X212009 - X2C0193-01	28-Mar-22	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.08	<0.030	1.00	108	90 - 110	X213065 - X2C0193-01	23-Mar-22	
EPA 350.1	Ammonia as N	mg/L	1.06	<0.030	1.00	106	90 - 110	X213065 - X2C0159-01	23-Mar-22	
SM 5310B	Total Organic Carbon	mg/L	12.6	2.81	10.0	97.7	80 - 120	X213016 - X2C0193-01	21-Mar-22	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	46.6	42.7	3.00	0.30R>S	90 - 110	X211193 - X2C0187-04	10-Mar-22	D2,M4
EPA 300.0	Chloride	mg/L	13.7	10.8	3.00	97.6	90 - 110	X211193 - X2C0193-01	10-Mar-22	D2
EPA 300.0	Nitrate as N	mg/L	29.0	27.2	2.00	0.30R>S	90 - 110	X211193 - X2C0187-04	10-Mar-22	D2,M4
EPA 300.0	Nitrate as N	mg/L	2.21	0.137	2.00	104	90 - 110	X211193 - X2C0193-01	10-Mar-22	
EPA 300.0	Sulfate as SO ₄	mg/L	168	159	10.0	95.1	90 - 110	X211193 - X2C0187-04	10-Mar-22	D2
EPA 300.0	Sulfate as SO ₄	mg/L	13.9	3.17	10.0	108	90 - 110	X211193 - X2C0193-01	10-Mar-22	



Spokane County Environmental Services (Colbert)

22515 N. Elk Chattaroy Road

Colbert, WA 99005

Work Order:

X2C0193

Reported:

29-Mar-22 11:58

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	0.000991	0.00102	0.00100	2.6	20	99.1	X212256 - X2C0193-01	
Metals (Total Recoverable)										
EPA 6010D	Barium	mg/L	1.04	1.03	1.00	0.9	20	92.3	X212006 - X2C0193-01	
EPA 6010D	Barium	mg/L	1.11	1.11	1.00	0.1	20	108	X212006 - X2C0159-01	
EPA 6010D	Lead	mg/L	0.984	0.985	1.00	0.1	20	98.4	X212006 - X2C0159-01	
EPA 6010D	Lead	mg/L	0.986	0.995	1.00	0.8	20	98.6	X212006 - X2C0193-01	
EPA 6010D	Manganese	mg/L	0.999	1.00	1.00	0.2	20	86.0	X212006 - X2C0193-01	
EPA 6010D	Manganese	mg/L	1.12	1.12	1.00	0.0	20	110	X212006 - X2C0159-01	
EPA 6010D	Vanadium	mg/L	1.03	1.04	1.00	0.6	20	103	X212006 - X2C0193-01	
EPA 6010D	Vanadium	mg/L	1.04	1.03	1.00	0.7	20	104	X212006 - X2C0159-01	
EPA 6010D	Zinc	mg/L	0.977	0.979	1.00	0.2	20	62.3	X212006 - X2C0159-01	M2
EPA 6010D	Zinc	mg/L	1.33	1.34	1.00	0.9	20	133	X212006 - X2C0193-01	M1
EPA 6020B	Arsenic	mg/L	0.0263	0.0262	0.0250	0.6	20	104	X212009 - X2C0193-01	
EPA 6020B	Arsenic	mg/L	0.0264	0.0261	0.0250	0.9	20	104	X212009 - X2C0159-01	

Classical Chemistry Parameters

EPA 350.1	Ammonia as N	mg/L	1.09	1.08	1.00	0.6	20	109	X213065 - X2C0193-01	
SM 5310B	Total Organic Carbon	mg/L	12.7	12.6	10.0	0.9	20	98.9	X213016 - X2C0193-01	

Anions by Ion Chromatography

EPA 300.0	Chloride	mg/L	13.9	13.7	3.00	1.1	20	103	X211193 - X2C0193-01	D2
EPA 300.0	Chloride	mg/L	45.5	46.6	3.00	2.4	20	91.4	X211193 - X2C0187-04	D2
EPA 300.0	Nitrate as N	mg/L	2.19	2.21	2.00	1.2	20	102	X211193 - X2C0193-01	
EPA 300.0	Nitrate as N	mg/L	28.7	29.0	2.00	1.1	20	0.30R>S	X211193 - X2C0187-04	D2,M4
EPA 300.0	Sulfate as SO4	mg/L	14.0	13.9	10.0	0.7	20	109	X211193 - X2C0193-01	
EPA 300.0	Sulfate as SO4	mg/L	166	168	10.0	1.7	20	0.30R>S	X211193 - X2C0187-04	D2,M4

Quality Control - SERIAL DILUTION Data

Method	Analyte	Sample Result	Serial Dilution Result	RPD	Q	QC Limits	Batch and Source ID	Notes
--------	---------	---------------	------------------------	-----	---	-----------	---------------------	-------

Metals (Total Recoverable)

EPA 6010D	Zinc	0.979	0.944	3.6		20	X212006 - MS2	
-----------	------	-------	-------	-----	--	----	---------------	--

Quality Control - SERIAL DILUTION Data

Method	Analyte	Sample Result	Serial Dilution Result	RPD	Q	QC Limits	Batch and Source ID	Notes
--------	---------	---------------	------------------------	-----	---	-----------	---------------------	-------

Metals (Total Recoverable)

EPA 6010D	Zinc	1.34	1.26	5.7		20	X212006 - MS1	
-----------	------	------	------	-----	--	----	---------------	--



Spokane County Environmental Services (Colbert)
22515 N. Elk Chattaroy Road
Colbert, WA 99005

Work Order: **X2C0193**
Reported: 29-Mar-22 11:58

Notes and Definitions

D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analyte.
M1	Matrix spike recovery was high, but the LCS recovery was acceptable.
M2	Matrix spike recovery was low, but the LCS recovery was acceptable.
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 SAMPLES
MICA LANDFILL COMPLIANCE MONITORING PROGRAM

Work Order: **X2C0193**
 Spokane County Environmental Services (



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

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

MONITORING RESIDENTIAL

PARAMETERS:

METHOD:

BOTTLES:

LAB:

PRESERVATION:

SAMPLE IDENTIFICATION

DATE

TIME

SAMPLERS:

G. F. SETTE

M. TEANIS

COOLER NUMBER

NUMBER BOTTLES

COMMENTS

TOC

AMMONIA

**CI / SO4 / TDS
NO3 / ALKALINITY**

**CI / SO4 / NO3
ALKALINITY**

**METALS
(As / Ba / Pb / Hg
Mn / V / Zn)**

SVL

UNPRESERVED

SVL

SVL

SVL

SVL

SVL

SVL

SVL

SVL

SVL

SVL

SVL

SVL

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

RELINQUISHED BY

SIGNATURE:

PRINT NAME: Mike S. TEANIS

COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

DATE: 3/19/2002

TIME: 1400

RECEIVED BY

SIGNATURE:

PRINT NAME: C. Flores

COMPANY: SVL

DATE: 3/19/2002

TIME: 4:10

ALL TOX ARE COOLED #13

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: 3/10/2022

By: C. Flores

SVL Work No: X2C0193

Item	Description	V	NA	Comments
1	Client or project name	✓		SPOKANE CTY
2	Date and time of receipt at lab	✓		3/10/22 9:10
3	Received by	✓		C. FLORES
4	Temperature blank or cooler temperature	✓		Temp. 0.6 °C, 2.0 °C (T059/T098)
5	Were the sample(s) received on ice	✓		YES
6	Custody tape/bottle seals	✓		
7	Shipper's air bill	✓		
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:

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Client: Spokane County Environmental Services
Address: 1004 N Freya Street
Spokane, WA 99202
Attn: Dave Tryon

Work Order: MCC0421
Project: X2C0215
Reported: 5/3/2022 15:09

Analytical Results Report

Sample Location: X2C0215-01 (GWDW-002-220308)
Lab/Sample Number: MCC0421-01 **Collect Date:** 03/08/22 09:01
Date Received: 03/10/22 10:08 **Collected By:** GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
Di (2-ethylhexyl) phthalate	ND	ug/L	0.500	3/21/22 19:30	MAH	EPA 8270D	
Surrogate: 2,4,6-Tribromophenol	80.5%		48-120	3/21/22 19:30	MAH	EPA 8270D	
Surrogate: 2-Fluorobiphenyl	65.2%		57-113	3/21/22 19:30	MAH	EPA 8270D	
Surrogate: 2-Fluorophenol	78.7%		37-110	3/21/22 19:30	MAH	EPA 8270D	
Surrogate: Nitrobenzene-d5	84.2%		65-110	3/21/22 19:30	MAH	EPA 8270D	
Surrogate: Phenol-2,3,4,5,6-d5	85.1%		51-112	3/21/22 19:30	MAH	EPA 8270D	
Surrogate: Terphenyl-d14	104%		57-133	3/21/22 19:30	MAH	EPA 8270D	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 15:50	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 15:50	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-01 (GWDW-002-220308)
Lab/Sample Number: MCC0421-01 Collect Date: 03/08/22 09:01
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Acrylonitrile	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 15:50	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 15:50	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 15:50	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-01 (GWDW-002-220308)
Lab/Sample Number: MCC0421-01 Collect Date: 03/08/22 09:01
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Vinyl Chloride	ND	ug/L	0.500	3/17/22 15:50	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.5%		70-130	3/17/22 15:50	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/17/22 15:50	TGT	EPA 8260D	
Surrogate: Toluene-d8	99.5%		70-130	3/17/22 15:50	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-02 (GWDW-003-220308)
Lab/Sample Number: MCC0421-02 Collect Date: 03/08/22 10:36
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
Di (2-ethylhexyl) phthalate	ND	ug/L	0.500	3/21/22 19:56	MAH	EPA 8270D	
Surrogate: 2,4,6-Tribromophenol	86.7%		48-120	3/21/22 19:56	MAH	EPA 8270D	
Surrogate: 2-Fluorobiphenyl	69.8%		57-113	3/21/22 19:56	MAH	EPA 8270D	
Surrogate: 2-Fluorophenol	66.7%		37-110	3/21/22 19:56	MAH	EPA 8270D	
Surrogate: Nitrobenzene-d5	91.0%		65-110	3/21/22 19:56	MAH	EPA 8270D	
Surrogate: Phenol-2,3,4,5,6-d5	98.3%		51-112	3/21/22 19:56	MAH	EPA 8270D	
Surrogate: Terphenyl-d14	93.7%		57-133	3/21/22 19:56	MAH	EPA 8270D	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 16:20	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 16:20	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-02 (GWDW-003-220308)
Lab/Sample Number: MCC0421-02 Collect Date: 03/08/22 10:36
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 16:20	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 16:20	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 16:20	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 16:20	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.3%		70-130	3/17/22 16:20	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/17/22 16:20	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.9%		70-130	3/17/22 16:20	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-03 (GWMS-004-220308)
Lab/Sample Number: MCC0421-03 Collect Date: 03/08/22 13:49
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
Di (2-ethylhexyl) phthalate	ND	ug/L	0.500	3/21/22 20:24	MAH	EPA 8270D	
Surrogate: 2,4,6-Tribromophenol	79.0%		48-120	3/21/22 20:24	MAH	EPA 8270D	
Surrogate: 2-Fluorobiphenyl	65.8%		57-113	3/21/22 20:24	MAH	EPA 8270D	
Surrogate: 2-Fluorophenol	83.2%		37-110	3/21/22 20:24	MAH	EPA 8270D	
Surrogate: Nitrobenzene-d5	87.4%		65-110	3/21/22 20:24	MAH	EPA 8270D	
Surrogate: Phenol-2,3,4,5,6-d5	92.5%		51-112	3/21/22 20:24	MAH	EPA 8270D	
Surrogate: Terphenyl-d14	87.1%		57-133	3/21/22 20:24	MAH	EPA 8270D	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,1-Dichloroethane	1.32	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 16:50	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 16:50	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-03 (GWMS-004-220308)
Lab/Sample Number: MCC0421-03 Collect Date: 03/08/22 13:49
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Dichlorodifluoromethane	1.96	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 16:50	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 16:50	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 16:50	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 16:50	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.5%		70-130	3/17/22 16:50	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/17/22 16:50	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.8%		70-130	3/17/22 16:50	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-04 (GWMS-005-220308)
Lab/Sample Number: MCC0421-04 Collect Date: 03/08/22 12:55
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
Di (2-ethylhexyl) phthalate	ND	ug/L	0.500	3/21/22 20:51	MAH	EPA 8270D	
Surrogate: 2,4,6-Tribromophenol	88.7%		48-120	3/21/22 20:51	MAH	EPA 8270D	
Surrogate: 2-Fluorobiphenyl	68.7%		57-113	3/21/22 20:51	MAH	EPA 8270D	
Surrogate: 2-Fluorophenol	83.1%		37-110	3/21/22 20:51	MAH	EPA 8270D	
Surrogate: Nitrobenzene-d5	91.2%		65-110	3/21/22 20:51	MAH	EPA 8270D	
Surrogate: Phenol-2,3,4,5,6-d5	89.1%		51-112	3/21/22 20:51	MAH	EPA 8270D	
Surrogate: Terphenyl-d14	87.7%		57-133	3/21/22 20:51	MAH	EPA 8270D	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 17:20	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 17:20	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-04 (GWMS-005-220308)
Lab/Sample Number: MCC0421-04 Collect Date: 03/08/22 12:55
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 17:20	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 17:20	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 17:20	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 17:20	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	97.8%		70-130	3/17/22 17:20	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/17/22 17:20	TGT	EPA 8260D	
Surrogate: Toluene-d8	99.8%		70-130	3/17/22 17:20	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-05 (GWMW-010-220308)
Lab/Sample Number: MCC0421-05 Collect Date: 03/08/22 13:30
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 17:50	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 17:50	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-05 (GMMW-010-220308)
Lab/Sample Number: MCC0421-05 Collect Date: 03/08/22 13:30
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 17:50	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 17:50	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 17:50	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 17:50	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	97.4%		70-130	3/17/22 17:50	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	103%		70-130	3/17/22 17:50	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.4%		70-130	3/17/22 17:50	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-06 (GWMW-013-220308)
Lab/Sample Number: MCC0421-06 Collect Date: 03/08/22 11:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,1-Dichloroethane	0.830	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 18:20	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 18:20	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Dichlorodifluoromethane	1.36	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-06 (GMMW-013-220308)
Lab/Sample Number: MCC0421-06 Collect Date: 03/08/22 11:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 18:20	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 18:20	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 18:20	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 18:20	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.3%		70-130	3/17/22 18:20	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/17/22 18:20	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.2%		70-130	3/17/22 18:20	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-07 (GWMW-014-220308)
Lab/Sample Number: MCC0421-07 Collect Date: 03/08/22 09:15
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 18:49	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 18:49	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-07 (GMMW-014-220308)
Lab/Sample Number: MCC0421-07 Collect Date: 03/08/22 09:15
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 18:49	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 18:49	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 18:49	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 18:49	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	97.6%		70-130	3/17/22 18:49	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	103%		70-130	3/17/22 18:49	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.2%		70-130	3/17/22 18:49	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-08 (GWMW-019R-220308)
Lab/Sample Number: MCC0421-08 Collect Date: 03/08/22 14:23
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 19:19	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 19:19	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-08 (GMMW-019R-220308)
Lab/Sample Number: MCC0421-08 Collect Date: 03/08/22 14:23
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 19:19	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 19:19	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 19:19	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 19:19	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.2%		70-130	3/17/22 19:19	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	102%		70-130	3/17/22 19:19	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.0%		70-130	3/17/22 19:19	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-09 (GWMW-020-220308)
Lab/Sample Number: MCC0421-09 Collect Date: 03/08/22 12:25
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,1-Dichloroethane	0.850	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 19:49	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 19:49	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Dichlorodifluoromethane	2.55	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-09 (GMMW-020-220308)
Lab/Sample Number: MCC0421-09 Collect Date: 03/08/22 12:25
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 19:49	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 19:49	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 19:49	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 19:49	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.1%		70-130	3/17/22 19:49	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	100%		70-130	3/17/22 19:49	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.4%		70-130	3/17/22 19:49	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-10 (GWMW-031-220308)
Lab/Sample Number: MCC0421-10 Collect Date: 03/08/22 10:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 20:18	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 20:18	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-10 (GWMW-031-220308)
Lab/Sample Number: MCC0421-10 Collect Date: 03/08/22 10:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 20:18	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 20:18	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 20:18	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 20:18	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	98.8%		70-130	3/17/22 20:18	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	100%		70-130	3/17/22 20:18	TGT	EPA 8260D	
Surrogate: Toluene-d8	97.8%		70-130	3/17/22 20:18	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-11 (MWS-1-2-220308)
Lab/Sample Number: MCC0421-11 Collect Date: 03/08/22 12:36
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
Di (2-ethylhexyl) phthalate	ND	ug/L	0.500	3/21/22 21:19	MAH	EPA 8270D	
Surrogate: 2,4,6-Tribromophenol	91.2%		48-120	3/21/22 21:19	MAH	EPA 8270D	
Surrogate: 2-Fluorobiphenyl	76.4%		57-113	3/21/22 21:19	MAH	EPA 8270D	
Surrogate: 2-Fluorophenol	85.1%		37-110	3/21/22 21:19	MAH	EPA 8270D	
Surrogate: Nitrobenzene-d5	93.0%		65-110	3/21/22 21:19	MAH	EPA 8270D	
Surrogate: Phenol-2,3,4,5,6-d5	94.0%		51-112	3/21/22 21:19	MAH	EPA 8270D	
Surrogate: Terphenyl-d14	95.0%		57-133	3/21/22 21:19	MAH	EPA 8270D	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 20:48	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 20:48	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-11 (MWS-1-2-220308)
Lab/Sample Number: MCC0421-11 Collect Date: 03/08/22 12:36
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 20:48	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 20:48	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 20:48	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 20:48	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	97.8%		70-130	3/17/22 20:48	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	100%		70-130	3/17/22 20:48	TGT	EPA 8260D	
Surrogate: Toluene-d8	97.4%		70-130	3/17/22 20:48	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-12 (GWMW-009-220309)
Lab/Sample Number: MCC0421-12 Collect Date: 03/09/22 08:39
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
Di (2-ethylhexyl) phthalate	ND	ug/L	0.500	3/21/22 21:45	MAH	EPA 8270D	
Surrogate: 2,4,6-Tribromophenol	83.6%		48-120	3/21/22 21:45	MAH	EPA 8270D	
Surrogate: 2-Fluorobiphenyl	69.5%		57-113	3/21/22 21:45	MAH	EPA 8270D	
Surrogate: 2-Fluorophenol	88.8%		37-110	3/21/22 21:45	MAH	EPA 8270D	
Surrogate: Nitrobenzene-d5	96.4%		65-110	3/21/22 21:45	MAH	EPA 8270D	
Surrogate: Phenol-2,3,4,5,6-d5	94.7%		51-112	3/21/22 21:45	MAH	EPA 8270D	
Surrogate: Terphenyl-d14	94.2%		57-133	3/21/22 21:45	MAH	EPA 8270D	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 21:17	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 21:17	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-12 (GWMW-009-220309)
Lab/Sample Number: MCC0421-12 Collect Date: 03/09/22 08:39
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 21:17	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 21:17	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 21:17	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 21:17	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	97.6%		70-130	3/17/22 21:17	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	100%		70-130	3/17/22 21:17	TGT	EPA 8260D	
Surrogate: Toluene-d8	97.7%		70-130	3/17/22 21:17	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-13 (GWMW-016-220309)
Lab/Sample Number: MCC0421-13 Collect Date: 03/09/22 11:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,1-Dichloroethane	6.05	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	9.21	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,2-Dichloroethane	2.23	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,2-Dichloropropane	13.3	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	2.98	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	1.53	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 21:47	TGT	EPA 8260D	
Acetone	123	ug/L	2.50	3/17/22 21:47	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Benzene	11.7	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	1.14	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Chloroethane	9.78	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	2.16	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Dichlorodifluoromethane	4.00	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Ethylbenzene	53.8	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Isopropylbenzene	4.55	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	35.5	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-13 (GWMW-016-220309)
Lab/Sample Number: MCC0421-13 Collect Date: 03/09/22 11:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	67.9	ug/L	2.50	3/17/22 21:47	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	11.2	ug/L	2.50	3/17/22 21:47	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 21:47	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Naphthalene	16.9	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
n-Propylbenzene	1.11	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
o-Xylene (MCL for total)	16.3	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
p-isopropyltoluene	5.68	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Toluene	5.28	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	1.49	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Trichloroethene	0.500	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Trichlorofluoromethane	0.580	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Vinyl Chloride	1.17	ug/L	0.500	3/17/22 21:47	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	101%		70-130	3/17/22 21:47	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	101%		70-130	3/17/22 21:47	TGT	EPA 8260D	
Surrogate: Toluene-d8	97.7%		70-130	3/17/22 21:47	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-14 (GWMW-023-220309)
Lab/Sample Number: MCC0421-14 Collect Date: 03/09/22 09:15
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,1-Dichloroethane	1.24	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 22:16	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 22:16	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Dichlorodifluoromethane	1.37	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-14 (GWMW-023-220309)
Lab/Sample Number: MCC0421-14 Collect Date: 03/09/22 09:15
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 22:16	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 22:16	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 22:16	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 22:16	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	96.8%		70-130	3/17/22 22:16	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	99.9%		70-130	3/17/22 22:16	TGT	EPA 8260D	
Surrogate: Toluene-d8	96.3%		70-130	3/17/22 22:16	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-15 (GWMW-029-220309)
Lab/Sample Number: MCC0421-15 Collect Date: 03/09/22 11:20
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Semivolatiles							
Di (2-ethylhexyl) phthalate	ND	ug/L	0.500	3/21/22 22:13	MAH	EPA 8270D	
Surrogate: 2,4,6-Tribromophenol	88.8%		48-120	3/21/22 22:13	MAH	EPA 8270D	
Surrogate: 2-Fluorobiphenyl	69.9%		57-113	3/21/22 22:13	MAH	EPA 8270D	
Surrogate: 2-Fluorophenol	90.3%		37-110	3/21/22 22:13	MAH	EPA 8270D	
Surrogate: Phenol-2,3,4,5,6-d5	97.2%		51-112	3/21/22 22:13	MAH	EPA 8270D	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 22:45	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 22:45	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-15 (GWMW-029-220309)
Lab/Sample Number: MCC0421-15 Collect Date: 03/09/22 11:20
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Dichlorodifluoromethane	1.17	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 22:45	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 22:45	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 22:45	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Tetrachloroethylene	0.520	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 22:45	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	97.4%		70-130	3/17/22 22:45	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	97.7%		70-130	3/17/22 22:45	TGT	EPA 8260D	
Surrogate: Toluene-d8	97.5%		70-130	3/17/22 22:45	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-16 (MWS-1-1-220309)
Lab/Sample Number: MCC0421-16 Collect Date: 03/09/22 09:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,1-Dichloroethane	1.24	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 23:14	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 23:14	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Dichlorodifluoromethane	1.25	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-16 (MWS-1-1-220309)
Lab/Sample Number: MCC0421-16 Collect Date: 03/09/22 09:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 23:14	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 23:14	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 23:14	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 23:14	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	96.8%		70-130	3/17/22 23:14	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	99.3%		70-130	3/17/22 23:14	TGT	EPA 8260D	
Surrogate: Toluene-d8	98.0%		70-130	3/17/22 23:14	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report

(Continued)

Sample Location: X2C0215-17 (MWS-2-1-220309)
Lab/Sample Number: MCC0421-17 Collect Date: 03/09/22 00:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles							
1,1,1,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,1,1-Trichloroethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,1,2-Trichloroethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,1-Dichloroethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,1-Dichloroethylene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,1-Dichloropropene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,2,3-Trichlorobenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,2,3-Trichloropropane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,2,4-Trichlorobenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,2,4-Trimethylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,2-Dichloroethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,2-Dichloropropane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,3,5-Trimethylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,3-Dichloropropane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
1,4-Dichlorobenzene (para-Dichlorobenzene)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
2,2-Dichloropropane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
2-hexanone	ND	ug/L	2.50	3/17/22 23:43	TGT	EPA 8260D	
Acetone	ND	ug/L	2.50	3/17/22 23:43	TGT	EPA 8260D	
Acrylonitrile	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Benzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Bromobenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Bromochloromethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Bromodichloromethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Bromoform	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Bromomethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Carbon disulfide	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Carbon Tetrachloride	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Chlorobenzene (Monochlorobenzene)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Chloroethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Chloroform	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Chloromethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
cis-1,2-Dichloroethylene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
cis-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
DBCP (screening)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Dibromochloromethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Dibromomethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Dichlorodifluoromethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
EDB (screening)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Ethylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Hexachlorobutadiene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Isopropylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
m/p Xylenes (MCL for total)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
m-Dichlorobenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Analytical Results Report (Continued)

Sample Location: X2C0215-17 (MWS-2-1-220309)
Lab/Sample Number: MCC0421-17 Collect Date: 03/09/22 00:00
Date Received: 03/10/22 10:08 Collected By: GF/MT
Matrix: Ground Water

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Volatiles (Continued)							
Methyl ethyl ketone (MEK)	ND	ug/L	2.50	3/17/22 23:43	TGT	EPA 8260D	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.50	3/17/22 23:43	TGT	EPA 8260D	
Methylene Chloride (Dichloromethane)	ND	ug/L	2.50	3/17/22 23:43	TGT	EPA 8260D	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Naphthalene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
n-Butylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
n-Propylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
o-Chlorotoluene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
o-Xylene (MCL for total)	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
p-Chlorotoluene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
p-isopropyltoluene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
sec-Butylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Styrene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
tert-Butylbenzene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Tetrachloroethylene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Toluene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
trans-1,2 Dichloroethylene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
trans-1,3-Dichloropropene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Trichloroethene	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Trichlorofluoromethane	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Vinyl Chloride	ND	ug/L	0.500	3/17/22 23:43	TGT	EPA 8260D	
Surrogate: 1,2-Dichlorobenzene-d4	97.3%		70-130	3/17/22 23:43	TGT	EPA 8260D	
Surrogate: 4-Bromofluorobenzene	99.0%		70-130	3/17/22 23:43	TGT	EPA 8260D	
Surrogate: Toluene-d8	95.2%		70-130	3/17/22 23:43	TGT	EPA 8260D	

Authorized Signature,



Justin Doty For Todd Taruscio, Laboratory Manager

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

L4	The associated blank spike recovery was below method acceptance limits. This analyte was not detected in the sample.
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.

This report shall not be reproduced except in full, without the written approval of the laboratory
The results reported related only to the samples indicated.

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Quality Control Data

Semivolatiles

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BCC0458 - SVOC Water										
Blank (BCC0458-BLK1)										
Di (2-ethylhexyl) phthalate	ND		0.500	ug/L						
Prepared: 3/14/2022 Analyzed: 3/21/2022										
LCS (BCC0458-BS1)										
Di (2-ethylhexyl) phthalate	5.41		0.500	ug/L	5.00		108	60-144		
Prepared: 3/14/2022 Analyzed: 3/21/2022										
LCS Dup (BCC0458-BSD1)										
Di (2-ethylhexyl) phthalate	4.52		0.500	ug/L	5.00		90.4	60-144	17.9	32
Prepared: 3/14/2022 Analyzed: 3/21/2022										
Matrix Spike (BCC0458-MS1)										
Di (2-ethylhexyl) phthalate	4.76		0.500	ug/L	5.00	ND	95.2	50-130		
Prepared: 3/14/2022 Analyzed: 3/21/2022										
Matrix Spike Dup (BCC0458-MSD1)										
Di (2-ethylhexyl) phthalate	4.99		0.500	ug/L	5.00	ND	99.8	50-130	4.72	40
Prepared: 3/14/2022 Analyzed: 3/21/2022										

Quality Control Data

Volatiles

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BCC0634 - VOC										
Blank (BCC0634-BLK1)										
Chloroform	ND		0.500	ug/L						
m/p Xylenes (MCL for total)	ND		0.500	ug/L						
Isopropylbenzene	ND		0.500	ug/L						
Hexachlorobutadiene	ND		0.500	ug/L						
Ethylbenzene	ND		0.500	ug/L						
Dichlorodifluoromethane	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						
Methyl ethyl ketone (MEK)	ND		2.50	ug/L						
Chloromethane	ND		0.500	ug/L						
Naphthalene	ND		0.500	ug/L						
Chloroethane	ND		0.500	ug/L						
Chlorobenzene (Monochlorobenzene)	ND		0.500	ug/L						
Carbon Tetrachloride	ND		0.500	ug/L						
Carbon disulfide	ND		0.500	ug/L						
cis-1,2-Dichloroethylene	ND		0.500	ug/L						
p-isopropyltoluene	ND		0.500	ug/L						
Trichlorofluoromethane	ND		0.500	ug/L						
Trichloroethene	ND		0.500	ug/L						
trans-1,2 Dichloroethylene	ND		0.500	ug/L						
Toluene	ND		0.500	ug/L						
Tetrachloroethylene	ND		0.500	ug/L						
tert-Butylbenzene	ND		0.500	ug/L						
Methylene Chloride (Dichloromethane)	ND		2.50	ug/L						
sec-Butylbenzene	ND		0.500	ug/L						
Methyl isobutyl ketone (MIBK)	ND		2.50	ug/L						
o-Xylene (MCL for total)	ND		0.500	ug/L						

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - 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: BCC0634 - VOC (Continued)										
Blank (BCC0634-BLK1)					Prepared & Analyzed: 3/17/2022					
n-Propylbenzene	ND		0.500	ug/L						
n-Butylbenzene	ND		0.500	ug/L						
Bromobenzene	ND		0.500	ug/L						
methyl-t-butyl ether (MTBE)	ND		0.500	ug/L						
Bromomethane	ND		0.500	ug/L						
Styrene	ND		0.500	ug/L						
1,1-Dichloropropene	ND		0.500	ug/L						
Bromodichloromethane	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						
1,2,4-Trichlorobenzene	ND		0.500	ug/L						
1,2-Dichloroethane	ND		0.500	ug/L						
1,2,3-Trichlorobenzene	ND		0.500	ug/L						
1,2-Dichloropropane	ND		0.500	ug/L						
1,1-Dichloroethylene	ND		0.500	ug/L						
1,1-Dichloroethane	ND		0.500	ug/L						
1,1,2-Trichloroethane	ND		0.500	ug/L						
1,1,2,2-Tetrachloroethane	ND		0.500	ug/L						
1,1,1-Trichloroethane	ND		0.500	ug/L						
1,1,1,2-Tetrachloroethane	ND		0.500	ug/L						
1,2,3-Trichloropropane	ND		0.500	ug/L						
2-hexanone	ND		2.50	ug/L						
Vinyl Chloride	ND		0.500	ug/L						
Bromochloromethane	ND		0.500	ug/L						
trans-1,3-Dichloropropene	ND		0.500	ug/L						
Benzene	ND		0.500	ug/L						
Acrylonitrile	ND		0.500	ug/L						
Acetone	ND		2.50	ug/L						
Bromoform	ND		0.500	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						
m-Dichlorobenzene	ND		0.500	ug/L						
1,3,5-Trimethylbenzene	ND		0.500	ug/L						
p-Chlorotoluene	ND		0.500	ug/L						
Surrogate: 4-Bromofluorobenzene			25.6	ug/L	25.0		103	70-130		
Surrogate: Toluene-d8			24.5	ug/L	25.0		98.1	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			18.7	ug/L	19.0		98.6	70-130		

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - 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: BCC0634 - VOC (Continued)										
LCS (BCC0634-BS1)					Prepared & Analyzed: 3/17/2022					
1,2-Dichloropropane	10.3		0.500	ug/L	10.0		103	80-120		
1,2,3-Trichloropropane	10.1		0.500	ug/L	10.0		101	80-120		
1,2,4-Trichlorobenzene	9.87		0.500	ug/L	10.0		98.7	80-120		
1,2,4-Trimethylbenzene	11.0		0.500	ug/L	10.0		110	80-120		
DBCP (screening)	9.30		0.500	ug/L	10.0		93.0	71-128		
EDB (screening)	10.3		0.500	ug/L	10.0		103	70-130		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	10.3		0.500	ug/L	10.0		103	80-120		
o-Chlorotoluene	10.8		0.500	ug/L	10.0		108	80-120		
1,2-Dichloroethane	10.3		0.500	ug/L	10.0		103	80-120		
1,1-Dichloroethylene	10.2		0.500	ug/L	10.0		102	70-129		
1,3,5-Trimethylbenzene	10.8		0.500	ug/L	10.0		108	80-121		
m-Dichlorobenzene	10.5		0.500	ug/L	10.0		105	80-120		
1,3-Dichloropropane	10.2		0.500	ug/L	10.0		102	80-120		
1,4-Dichlorobenzene (para-Dichlorobenzene)	10.1		0.500	ug/L	10.0		101	80-120		
2,2-Dichloropropane	7.48	L4	0.500	ug/L	10.0		74.8	80-120		
Tetrachloroethylene	10.2		0.500	ug/L	10.0		102	80-120		
tert-Butylbenzene	11.0		0.500	ug/L	10.0		110	80-120		
Vinyl Chloride	10.6		0.500	ug/L	10.0		106	75-120		
Trichloroethene	10.3		0.500	ug/L	10.0		103	80-120		
trans-1,3-Dichloropropene	10.2		0.500	ug/L	10.0		102	69-130		
trans-1,2 Dichloroethylene	10.2		0.500	ug/L	10.0		102	80-120		
1,2,3-Trichlorobenzene	9.62		0.500	ug/L	10.0		96.2	78-120		
Toluene	10.5		0.500	ug/L	10.0		105	80-120		
1,1-Dichloropropene	10.5		0.500	ug/L	10.0		105	80-120		
1,1,1,2-Tetrachloroethane	10.4		0.500	ug/L	10.0		104	80-120		
1,1,1-Trichloroethane	10.4		0.500	ug/L	10.0		104	80-120		
1,1,2,2-Tetrachloroethane	10.1		0.500	ug/L	10.0		101	77-123		
1,1,2-Trichloroethane	9.97		0.500	ug/L	10.0		99.7	80-120		
1,1-Dichloroethane	10.3		0.500	ug/L	10.0		103	80-120		
Trichlorofluoromethane	10.4		0.500	ug/L	10.0		104	61-140		
Naphthalene	9.92		0.500	ug/L	10.0		99.2	66-133		
Dichlorodifluoromethane	8.89		0.500	ug/L	10.0		88.9	57-130		
Ethylbenzene	10.6		0.500	ug/L	10.0		106	80-120		
Hexachlorobutadiene	10.2		0.500	ug/L	10.0		102	80-120		
Isopropylbenzene	10.9		0.500	ug/L	10.0		109	80-120		
m/p Xylenes (MCL for total)	21.5		0.500	ug/L	20.0		107	80-120		
Methyl ethyl ketone (MEK)	9.67		2.50	ug/L	10.0		96.7	55-154		
Dibromomethane	10.1		0.500	ug/L	10.0		101	80-120		
methyl-t-butyl ether (MTBE)	8.20		0.500	ug/L	10.0		82.0	71-130		
o-Xylene (MCL for total)	10.7		0.500	ug/L	10.0		107	80-120		
n-Butylbenzene	10.4		0.500	ug/L	10.0		104	74-122		
n-Propylbenzene	11.0		0.500	ug/L	10.0		110	80-120		
p-isopropyltoluene	11.0		0.500	ug/L	10.0		110	80-120		
sec-Butylbenzene	11.2		0.500	ug/L	10.0		112	80-120		
2-hexanone	9.24		2.50	ug/L	10.0		92.4	65-140		
Styrene	11.0		0.500	ug/L	10.0		110	80-120		
Methyl isobutyl ketone (MIBK)	9.90		2.50	ug/L	10.0		99.0	70-136		
Benzene	10.3		0.500	ug/L	10.0		103	80-120		
Dibromochloromethane	9.89		0.500	ug/L	10.0		98.9	80-121		
p-Chlorotoluene	10.8		0.500	ug/L	10.0		108	80-124		

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - 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: BCC0634 - VOC (Continued)										
LCS (BCC0634-BS1)					Prepared & Analyzed: 3/17/2022					
Acrylonitrile	9.95		0.500	ug/L	10.0		99.5	73-131		
Bromobenzene	10.7		0.500	ug/L	10.0		107	80-120		
Bromochloromethane	10.0		0.500	ug/L	10.0		100	80-120		
Bromodichloromethane	10.0		0.500	ug/L	10.0		100	80-120		
Carbon disulfide	10.2		0.500	ug/L	10.0		102	80-120		
Carbon Tetrachloride	10.2		0.500	ug/L	10.0		102	80-120		
Chlorobenzene (Monochlorobenzene)	10.4		0.500	ug/L	10.0		104	80-120		
Chloroethane	9.84		0.500	ug/L	10.0		98.4	78-120		
Chloroform	10.1		0.500	ug/L	10.0		101	80-120		
cis-1,2-Dichloroethylene	10.3		0.500	ug/L	10.0		103	80-120		
Bromoform	9.81		0.500	ug/L	10.0		98.1	68-133		
cis-1,3-Dichloropropene	9.20		0.500	ug/L	10.0		92.0	79-123		
Surrogate: Toluene-d8			25.2	ug/L	25.0		101	70-130		
Surrogate: 4-Bromofluorobenzene			26.1	ug/L	25.0		104	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			19.0	ug/L	19.0		100	70-130		

Matrix Spike (BCC0634-MS1)

Source: MCC0421-12

Prepared & Analyzed: 3/17/2022

Chloroform	9.96		0.500	ug/L	10.0	ND	99.6	70-130
Methyl ethyl ketone (MEK)	9.39		2.50	ug/L	10.0	ND	93.9	47-165
m/p Xylenes (MCL for total)	21.2		0.500	ug/L	20.0	ND	106	57-130
Isopropylbenzene	10.7		0.500	ug/L	10.0	ND	107	70-130
Hexachlorobutadiene	10.1		0.500	ug/L	10.0	ND	101	70-130
Ethylbenzene	10.4		0.500	ug/L	10.0	ND	104	70-130
Dichlorodifluoromethane	9.02		0.500	ug/L	10.0	ND	90.2	57-136
Dibromomethane	9.94		0.500	ug/L	10.0	ND	99.4	70-130
Dibromochloromethane	9.46		0.500	ug/L	10.0	ND	94.6	70-130
Chlorobenzene (Monochlorobenzene)	10.0		0.500	ug/L	10.0	ND	100	70-130
cis-1,2-Dichloroethylene	10.1		0.500	ug/L	10.0	ND	101	70-130
Chloroethane	9.87		0.500	ug/L	10.0	ND	98.7	68-138
sec-Butylbenzene	11.1		0.500	ug/L	10.0	ND	111	70-130
Carbon Tetrachloride	10.3		0.500	ug/L	10.0	ND	103	70-130
cis-1,3-Dichloropropene	9.11		0.500	ug/L	10.0	ND	91.1	74-124
Styrene	10.6		0.500	ug/L	10.0	ND	106	30-130
Trichlorofluoromethane	10.7		0.500	ug/L	10.0	ND	107	50-154
Trichloroethene	10.1		0.500	ug/L	10.0	ND	101	70-130
1,2-Dichloropropane	10.1		0.500	ug/L	10.0	ND	101	70-130
trans-1,2 Dichloroethylene	10.1		0.500	ug/L	10.0	ND	101	70-130
Toluene	10.4		0.500	ug/L	10.0	ND	104	70-130
o-Xylene (MCL for total)	10.5		0.500	ug/L	10.0	ND	105	62-127
tert-Butylbenzene	10.8		0.500	ug/L	10.0	ND	108	70-130
Methyl isobutyl ketone (MIBK)	9.73		2.50	ug/L	10.0	ND	97.3	53-167
p-isopropyltoluene	10.9		0.500	ug/L	10.0	ND	109	70-130
trans-1,3-Dichloropropene	10.1		0.500	ug/L	10.0	ND	101	61-131
n-Propylbenzene	10.8		0.500	ug/L	10.0	ND	108	70-130
n-Butylbenzene	10.4		0.500	ug/L	10.0	ND	104	67-130
Naphthalene	9.57		0.500	ug/L	10.0	ND	95.7	56-147
methyl-t-butyl ether (MTBE)	8.46		0.500	ug/L	10.0	ND	84.6	57-138
Tetrachloroethylene	9.94		0.500	ug/L	10.0	ND	99.4	70-130
1,1-Dichloropropene	10.3		0.500	ug/L	10.0	ND	103	70-130
m-Dichlorobenzene	10.4		0.500	ug/L	10.0	ND	104	70-130

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - 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: BCC0634 - VOC (Continued)										
Matrix Spike (BCC0634-MS1)			Source: MCC0421-12		Prepared & Analyzed: 3/17/2022					
EDB (screening)	9.87		0.500	ug/L	10.0	ND	98.7	70-130		
DBCP (screening)	9.03		0.500	ug/L	10.0	ND	90.3	55-146		
1,2,4-Trimethylbenzene	10.7		0.500	ug/L	10.0	ND	107	40-140		
1,2,4-Trichlorobenzene	9.68		0.500	ug/L	10.0	ND	96.8	70-130		
1,2,3-Trichlorobenzene	9.54		0.500	ug/L	10.0	ND	95.4	67-134		
1,2-Dichloroethane	9.95		0.500	ug/L	10.0	ND	99.5	70-130		
1,1-Dichloroethylene	10.2		0.500	ug/L	10.0	ND	102	70-130		
1,1-Dichloroethane	10.2		0.500	ug/L	10.0	ND	102	70-130		
1,1,2-Trichloroethane	9.55		0.500	ug/L	10.0	ND	95.5	70-130		
Vinyl Chloride	10.8		0.500	ug/L	10.0	ND	108	70-130		
1,1,1,2-Tetrachloroethane	10.1		0.500	ug/L	10.0	ND	101	70-130		
1,1,1-Trichloroethane	10.6		0.500	ug/L	10.0	ND	106	70-130		
1,2,3-Trichloropropane	9.87		0.500	ug/L	10.0	ND	98.7	69-137		
Bromoform	9.57		0.500	ug/L	10.0	ND	95.7	59-140		
Bromodichloromethane	9.89		0.500	ug/L	10.0	ND	98.9	70-130		
Bromochloromethane	9.76		0.500	ug/L	10.0	ND	97.6	70-130		
Bromobenzene	10.5		0.500	ug/L	10.0	ND	105	70-130		
Benzene	10.1		0.500	ug/L	10.0	ND	101	70-130		
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	10.1		0.500	ug/L	10.0	ND	101	70-130		
p-Chlorotoluene	10.6		0.500	ug/L	10.0	ND	106	70-130		
Carbon disulfide	10.2		0.500	ug/L	10.0	ND	102	70-130		
2-hexanone	9.04		2.50	ug/L	10.0	ND	90.4	43-175		
o-Chlorotoluene	10.6		0.500	ug/L	10.0	ND	106	70-130		
2,2-Dichloropropane	7.96		0.500	ug/L	10.0	ND	79.6	70-130		
1,4-Dichlorobenzene (para-Dichlorobenzene)	9.91		0.500	ug/L	10.0	ND	99.1	70-130		
1,3-Dichloropropane	9.72		0.500	ug/L	10.0	ND	97.2	70-130		
1,1,2,2-Tetrachloroethane	9.82		0.500	ug/L	10.0	ND	98.2	67-136		
1,3,5-Trimethylbenzene	10.7		0.500	ug/L	10.0	ND	107	40-140		
Acrylonitrile	9.80		0.500	ug/L	10.0	ND	98.0	65-137		
Surrogate: Toluene-d8			25.5	ug/L	25.0		102	70-130		
Surrogate: 4-Bromofluorobenzene			26.1	ug/L	25.0		104	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			19.2	ug/L	19.0		101	70-130		

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - 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: BCC0634 - VOC (Continued)										
Matrix Spike Dup (BCC0634-MSD1)			Source: MCC0421-12		Prepared & Analyzed: 3/17/2022					
Bromodichloromethane	10.2		0.500	ug/L	10.0	ND	102	70-130	2.99	25
o-Chlorotoluene	11.1		0.500	ug/L	10.0	ND	111	70-130	4.42	25
Bromochloromethane	10.1		0.500	ug/L	10.0	ND	101	70-130	3.52	25
1,2-Dichloropropane	10.4		0.500	ug/L	10.0	ND	104	70-130	3.61	25
1,3,5-Trimethylbenzene	11.2		0.500	ug/L	10.0	ND	112	40-140	4.29	25
m-Dichlorobenzene	10.7		0.500	ug/L	10.0	ND	107	70-130	3.04	25
1,3-Dichloropropane	10.2		0.500	ug/L	10.0	ND	102	70-130	4.52	25
2,2-Dichloropropane	8.92		0.500	ug/L	10.0	ND	89.2	70-130	11.4	25
1,2-Dichlorobenzene (ortho-Dichlorobenzene)	10.6		0.500	ug/L	10.0	ND	106	70-130	4.85	25
2-hexanone	9.44		2.50	ug/L	10.0	ND	94.4	43-175	4.33	25
p-Chlorotoluene	11.2		0.500	ug/L	10.0	ND	112	70-130	5.61	25
Acrylonitrile	9.77		0.500	ug/L	10.0	ND	97.7	65-137	0.307	25
Benzene	10.3		0.500	ug/L	10.0	ND	103	70-130	2.55	25
Carbon disulfide	10.1		0.500	ug/L	10.0	ND	101	70-130	1.28	25
1,4-Dichlorobenzene (para-Dichlorobenzene)	10.3		0.500	ug/L	10.0	ND	103	70-130	3.47	25
1,1-Dichloropropene	10.6		0.500	ug/L	10.0	ND	106	70-130	2.01	25
Vinyl Chloride	11.0		0.500	ug/L	10.0	ND	110	70-130	2.03	25
1,1,1,2-Tetrachloroethane	10.5		0.500	ug/L	10.0	ND	105	70-130	3.99	25
1,1,1-Trichloroethane	10.9		0.500	ug/L	10.0	ND	109	70-130	2.99	25
1,1,2,2-Tetrachloroethane	10.3		0.500	ug/L	10.0	ND	103	67-136	5.16	25
1,1,2-Trichloroethane	9.94		0.500	ug/L	10.0	ND	99.4	70-130	4.00	25
1,2-Dichloroethane	10.3		0.500	ug/L	10.0	ND	103	70-130	3.84	25
1,1-Dichloroethylene	10.0		0.500	ug/L	10.0	ND	100	70-130	2.17	25
Bromoform	9.88		0.500	ug/L	10.0	ND	98.8	59-140	3.19	25
1,2,3-Trichlorobenzene	10.1		0.500	ug/L	10.0	ND	101	67-134	5.90	25
1,2,3-Trichloropropane	10.5		0.500	ug/L	10.0	ND	105	69-137	5.80	25
1,2,4-Trichlorobenzene	10.1		0.500	ug/L	10.0	ND	101	70-130	3.75	25
1,2,4-Trimethylbenzene	11.3		0.500	ug/L	10.0	ND	113	40-140	5.27	25
DBCP (screening)	9.44		0.500	ug/L	10.0	ND	94.4	55-146	4.44	25
EDB (screening)	10.3		0.500	ug/L	10.0	ND	103	70-130	4.36	25
1,1-Dichloroethane	10.4		0.500	ug/L	10.0	ND	104	70-130	2.14	25
tert-Butylbenzene	11.2		0.500	ug/L	10.0	ND	112	70-130	3.91	25
Bromobenzene	11.0		0.500	ug/L	10.0	ND	110	70-130	5.02	25
n-Butylbenzene	10.6		0.500	ug/L	10.0	ND	106	67-130	2.20	25
n-Propylbenzene	11.2		0.500	ug/L	10.0	ND	112	70-130	3.00	25
o-Xylene (MCL for total)	10.9		0.500	ug/L	10.0	ND	109	62-127	3.75	25
p-isopropyltoluene	11.4		0.500	ug/L	10.0	ND	114	70-130	5.20	25
methyl-t-butyl ether (MTBE)	9.17		0.500	ug/L	10.0	ND	91.7	57-138	8.05	25
Styrene	11.1		0.500	ug/L	10.0	ND	111	30-130	4.87	25
Methyl isobutyl ketone (MIBK)	9.96		2.50	ug/L	10.0	ND	99.6	53-167	2.34	25
Tetrachloroethylene	10.1		0.500	ug/L	10.0	ND	101	70-130	1.30	25
Toluene	10.6		0.500	ug/L	10.0	ND	106	70-130	2.09	25
trans-1,2 Dichloroethylene	10.3		0.500	ug/L	10.0	ND	103	70-130	1.67	25
trans-1,3-Dichloropropene	10.8		0.500	ug/L	10.0	ND	108	61-131	6.22	25
Trichloroethene	10.4		0.500	ug/L	10.0	ND	104	70-130	2.44	25
sec-Butylbenzene	11.6		0.500	ug/L	10.0	ND	116	70-130	5.20	25
Dibromomethane	10.1		0.500	ug/L	10.0	ND	101	70-130	1.60	25
Carbon Tetrachloride	10.4		0.500	ug/L	10.0	ND	104	70-130	1.54	25
Chlorobenzene (Monochlorobenzene)	10.6		0.500	ug/L	10.0	ND	106	70-130	5.33	25
Chloroethane	9.87		0.500	ug/L	10.0	ND	98.7	68-138	0.00	25

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - 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: BCC0634 - VOC (Continued)										
Matrix Spike Dup (BCC0634-MSD1)			Source: MCC0421-12		Prepared & Analyzed: 3/17/2022					
Chloroform	10.3		0.500	ug/L	10.0	ND	103	70-130	3.06	25
cis-1,2-Dichloroethylene	10.3		0.500	ug/L	10.0	ND	103	70-130	1.76	25
Naphthalene	10.2		0.500	ug/L	10.0	ND	102	56-147	6.18	25
Dibromochloromethane	9.95		0.500	ug/L	10.0	ND	99.5	70-130	5.05	25
Trichlorofluoromethane	10.7		0.500	ug/L	10.0	ND	107	50-154	0.0934	25
Dichlorodifluoromethane	9.22		0.500	ug/L	10.0	ND	92.2	57-136	2.19	25
Ethylbenzene	10.7		0.500	ug/L	10.0	ND	107	70-130	2.74	25
Hexachlorobutadiene	10.7		0.500	ug/L	10.0	ND	107	70-130	5.88	25
Isopropylbenzene	11.1		0.500	ug/L	10.0	ND	111	70-130	3.77	25
m/p Xylenes (MCL for total)	21.9		0.500	ug/L	20.0	ND	110	57-130	3.39	25
Methyl ethyl ketone (MEK)	9.54		2.50	ug/L	10.0	ND	95.4	47-165	1.58	25
cis-1,3-Dichloropropene	9.64		0.500	ug/L	10.0	ND	96.4	74-124	5.65	25
Surrogate: 4-Bromofluorobenzene			26.4	ug/L	25.0		106	70-130		
Surrogate: Toluene-d8			25.3	ug/L	25.0		101	70-130		
Surrogate: 1,2-Dichlorobenzene-d4			19.2	ug/L	19.0		101	70-130		

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

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 # 1526722476241
OF COOLERS: 2 7633

DATE: 3/9/2022
PAGE 2 OF 2

PARAMETERS:			VOLATILES	SEMI VOLATILES	SAMPLERS:		MCC0421 Due: 03/23/22
METHOD:			8260C	BEHP 8270D	G. FISETTE M. TERRIS		
BOTTLES:			3-40 ml. VOA'S	1 LITER AMBER GLASS			
LAB:			ANATEK LAB	ANATEK LAB			
PRESERVATION:			HCl pH<2	UNPRESERVED			
	NUMBER OF BOTTLES	COOLER NUMBER	COMMENTS				
SAMPLE IDENTIFICATION	DATE	TIME					
✓ GWMW-009-220309	3/9/22	0839	XXXX	XXXX	12	#4	MS/MSD
✓ GWMW-016-220309	3/9/22	1100	XXXX	XXXX (MT)	*3	#19	
✓ GWMW-023-220309	3/9/22	0915	XXXX	XXXX (MT)	*3	#19	
✓ GWMW-029-220309	3/9/22	1120	XXXX	XXXX	4	#19	
✓ MWS-1-1-220309	3/9/22	0900	XXXX	XXXX (MT)	*3	#19	
✓ MWS-2-1-220309	3/9/22	—	XXXX	XXXX	2	#19	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

DATE: 3/9/2022

TIME: 1400

RECEIVED BY: EP

SIGNATURE:

PRINT NAME:

COMPANY: Anatek

DATE: 3/10/22 10:08

TIME:

ALL VOC'S WERE PLACED INTO COOLER #19

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

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 # **1K2672247624/7633**
OF COOLERS: **2**

DATE: **3/9/22**
PAGE **1** OF **2**

PARAMETERS:			VOLATILES	SEMI VOLATILES	SAMPLERS: G. FISETTE M. TERRIS		
METHOD:			8260C	BEHP 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
✓ GWDW-002-220308	3/8/22	0901	XX	XX	4	#4	
✓ GWDW-003-220308	3/8/22	1036	XX	XX	4	#4	
✓ GWM5-004-220308	3/8/22	1349	XX	XX	4	#4	
✓ GWM5-005-220308	3/8/22	1255	XX	XX	4	#19	
✓ GWMW-010-220308	3/8/22	1330	XX		3	#19	
✓ GWMW-013-220308	3/8/22	1100	XX		3	#19	
✓ GWMW-014-220308	3/8/22	0915	XX		3	#19	
✓ GWMW-019R-220308	3/8/22	1423	XX		3	#19	
✓ GWMW-020-220308	3/8/22	1225	XX		3	#19	
✓ GWMW-031-220308	3/8/22	1000	XX		3	#A	
✓ MWS-1-2-220308	3/8/22	1236	XX	XX	4	#4	

MCC0421

 Due: 03/23/22

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

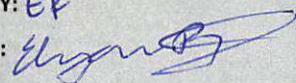
RELINQUISHED BY:

SIGNATURE:  DATE: **3/9/2022**

PRINT NAME: **MIKE S TERRIS** TIME: **1400**

COMPANY: SPOKANE COUNTY UTILITIES LANDFILL CLOSURE

RECEIVED BY: **EP**

SIGNATURE:  DATE: **3/10/22**

PRINT NAME: TIME: **10:08**

COMPANY: **anatch**

ALL VOC'S WERE PLACED INTO COOLER #19



Subcontract Order

On:

MCC0421



Due: 03/23/22

X2C0215

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: X2C0215-01 Client ID: GWDW-002-220308			Ground Water	Sampled: 08-Mar-22 09:01
Sub SVOC EPA 8270D	24-Mar-22	22-Mar-22 09:01	DEDICATED QC	
Sub VOC 8260C	24-Mar-22	22-Mar-22 09:01	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
Raw Amber Glass (D)				
SVL ID: X2C0215-02 Client ID: GWDW-003-220308			Ground Water	Sampled: 08-Mar-22 10:36
Sub SVOC EPA 8270D	24-Mar-22	22-Mar-22 10:36	DEDICATED QC	
Sub VOC 8260C	24-Mar-22	22-Mar-22 10:36	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
Raw Amber Glass (D)				
SVL ID: X2C0215-03 Client ID: GWMS-004-220308			Ground Water	Sampled: 08-Mar-22 13:49
Sub SVOC EPA 8270D	24-Mar-22	22-Mar-22 13:49	DEDICATED QC	
Sub VOC 8260C	24-Mar-22	22-Mar-22 13:49	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
Raw Amber Glass (D)				
SVL ID: X2C0215-04 Client ID: GWMS-005-220308			Ground Water	Sampled: 08-Mar-22 12:55
Sub SVOC EPA 8270D	24-Mar-22	22-Mar-22 12:55	DEDICATED QC	
Sub VOC 8260C	24-Mar-22	22-Mar-22 12:55	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
Raw Amber Glass (D)				
SVL ID: X2C0215-05 Client ID: GWMW-010-220308			Ground Water	Sampled: 08-Mar-22 13:30
Sub VOC 8260C	24-Mar-22	22-Mar-22 13:30	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				

Relinquished by: My 16/11 Date/Time: 3/10/22 shipped directly to Anatek
Received by: _____ Date/Time: _____
Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____



Subcontract Order

Or

MCC0421



Due: 03/23/22

X2C0215

Analysis	Due	HT Expires		
SVL ID: X2C0215-06 Client ID: GWMW-013-220308			Ground Water	Sampled: 08-Mar-22 11:00
Sub VOC 8260C	24-Mar-22	22-Mar-22 11:00	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
SVL ID: X2C0215-07 Client ID: GWMW-014-220308			Ground Water	Sampled: 08-Mar-22 09:15
Sub VOC 8260C	24-Mar-22	22-Mar-22 09:15	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
SVL ID: X2C0215-08 Client ID: GWMW-019R-220308			Ground Water	Sampled: 08-Mar-22 14:23
Sub VOC 8260C	24-Mar-22	22-Mar-22 14:23	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
SVL ID: X2C0215-09 Client ID: GWMW-020-220308			Ground Water	Sampled: 08-Mar-22 12:25
Sub VOC 8260C	24-Mar-22	22-Mar-22 12:25	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
SVL ID: X2C0215-10 Client ID: GWMW-031-220308			Ground Water	Sampled: 08-Mar-22 10:00
Sub VOC 8260C	24-Mar-22	22-Mar-22 10:00	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
SVL ID: X2C0215-11 Client ID: MWS-1-2-220308			Ground Water	Sampled: 08-Mar-22 12:36
Sub SVOC EPA 8270D	24-Mar-22	22-Mar-22 12:36	DEDICATED QC	
Sub VOC 8260C	24-Mar-22	22-Mar-22 12:36	DEDICATED QC	
Containers Supplied:				
HCI VOA glass (A)				
HCI VOA glass (B)				
HCI VOA glass (C)				
Raw Amber Glass (D)				

Shipped directly to Anatek

Relinquished by: 77kg B/LH Date/Time: 3/10/22 Received by: _____ Date/Time: _____

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



Subcontract Order

X2C0215

MCC0421



Due: 03/23/22

On

Analysis	Due	HT Expires		
SVL ID: X2C0215-12 Client ID: GWMW-009-220309			Ground Water	Sampled: 09-Mar-22 08:39
Sub SVOC EPA 8270D	24-Mar-22	23-Mar-22 08:39	DEDICATED QC	
Sub VOC 8260C	24-Mar-22	23-Mar-22 08:39	DEDICATED QC	
Containers Supplied:				
HCl VOA glass (A)				
HCl VOA glass (B)				
HCl VOA glass (C)				
Raw Amber Glass (D)				
HCl VOA glass (E)				
HCl VOA glass (F)				
HCl VOA glass (G)				
HCl VOA glass (H)				
HCl VOA glass (I)				
HCl VOA glass (J)				
Raw Amber Glass (K)				
Raw Amber Glass (L)				
SVL ID: X2C0215-13 Client ID: GWMW-016-220308			Ground Water	Sampled: 09-Mar-22 11:00
Sub VOC 8260C	24-Mar-22	23-Mar-22 11:00	DEDICATED QC	
Containers Supplied:				
HCl VOA glass (A)				
HCl VOA glass (B)				
HCl VOA glass (C)				
SVL ID: X2C0215-14 Client ID: GWMW-023-220308			Ground Water	Sampled: 09-Mar-22 09:15
Sub VOC 8260C	24-Mar-22	23-Mar-22 09:15	DEDICATED QC	
Containers Supplied:				
HCl VOA glass (A)				
HCl VOA glass (B)				
HCl VOA glass (C)				
SVL ID: X2C0215-15 Client ID: GWMW-029-220309			Ground Water	Sampled: 09-Mar-22 11:20
Sub SVOC EPA 8270D	24-Mar-22	23-Mar-22 11:20	DEDICATED QC	
Sub VOC 8260C	24-Mar-22	23-Mar-22 11:20	DEDICATED QC	
Containers Supplied:				
HCl VOA glass (A)				
HCl VOA glass (B)				
HCl VOA glass (C)				
Raw Amber Glass (D)				
SVL ID: X2C0215-16 Client ID: MWS-1-1-220309			Ground Water	Sampled: 09-Mar-22 09:00
Sub VOC 8260C	24-Mar-22	23-Mar-22 09:00	DEDICATED QC	
Containers Supplied:				
HCl VOA glass (A)				
HCl VOA glass (B)				
HCl VOA glass (C)				
SVL ID: X2C0215-17 Client ID: MWS-2-1-220309			Ground Water	Sampled: 09-Mar-22 00:00
Sample Comments: Trip Blanks				
Sub VOC 8260C	24-Mar-22	23-Mar-22 00:00	DEDICATED QC	
Containers Supplied:				
HCl VOA glass (A)				
HCl VOA glass (B)				
HCl VOA glass (C)				

Shipped directly to Anatek

Relinquished by: 277/10/12 Date/Time: 3/10/22 Received by: _____ Date/Time: _____

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



Anatek Labs, Inc.

Sample Receipt and Preservation Form

MCC0421



Due: 03/23/22

Client Name: Spokane County Project: _____

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: 3 Type of Ice: Ice/Ice Packs Blue Ice Dry Ice None

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

Cooler Temp As Read (°C): 4.0C Cooler Temp Corrected (°C): - Thermometer Used: IR-5

Samples Received Intact?	<u>Yes</u>	No	N/A
Chain of Custody Present?	<u>Yes</u>	No	N/A
Samples Received Within Hold Time?	<u>Yes</u>	No	N/A
Samples Properly Preserved?	<u>Yes</u>	No	N/A
VOC Vials Free of Headspace (<6mm)?	<u>Yes</u>	No	N/A
VOC Trip Blanks Present?	<u>Yes</u>	No	N/A
Labels and Chains Agree?	<u>Yes</u>	No	N/A
Total Number of Sample Bottles Received:	<u>65</u>		

Comments:

Chain of Custody Fully Completed?	<u>Yes</u>	No	N/A
Correct Containers Received?	<u>Yes</u>	No	N/A
Anatek Bottles Used?	<u>Yes</u>	No	Unknown

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

<u>HCL - 8260 - 944ml x 54 + 2 TB</u>

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

<u>8270 - 912 x 9</u>	<u>emailed client for coc</u> <u>Received coc - ER 3/10/22</u>
-----------------------	---

Received/Inspected By: ER Date/Time: 3/10/22 10:08