

## CERTIFICATE OF ANALYSIS

<b>REPORTED TO</b>	Cherry Ridge Management 158 North Fork Road Cherryville, BC V0E 2G3	<b>WORK ORDER</b>	24H1335
<b>ATTENTION</b>	Melanie Staker	<b>RECEIVED / TEMP REPORTED</b>	2024-08-12 09:04 / 9.0°C 2024-08-19 12:07
<b>PO NUMBER</b>	Cherry Ridge Management Creek Monitoring	<b>COC NUMBER</b>	No Number
<b>PROJECT</b>	Creek Monitoring		
<b>PROJECT INFO</b>			

### Introduction:

CARO Analytical Services is a testing laboratory full of smart, engaged scientists driven to make the world a safer and healthier place. Through our clients' projects we become an essential element for a better world. We employ methods conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts. CARO is accredited by the Canadian Association for Laboratories Accreditation (CALA) to ISO/IEC 17025:2017 for specific tests listed in the scope of accreditation approved by CALA.

#### *Big Picture Sidekicks*



You know that the sample you collected after snowshoeing to site, digging 5 meters, and racing to get it on a plane so you can submit it to the lab for time sensitive results needed to make important and expensive decisions (whew) is VERY important. We know that too.

#### *We've Got Chemistry*



It's simple. We figure the more you enjoy working with our fun and engaged team members; the more likely you are to give us continued opportunities to support you.

#### *Ahead of the Curve*



Through research, regulation knowledge, and instrumentation, we are your analytical centre for the technical knowledge you need, BEFORE you need it, so you can stay up to date and in the know.

By engaging our services, you are agreeing to CARO Analytical Service's Standard Terms and Conditions outlined here: <https://www.caro.ca/terms-conditions>

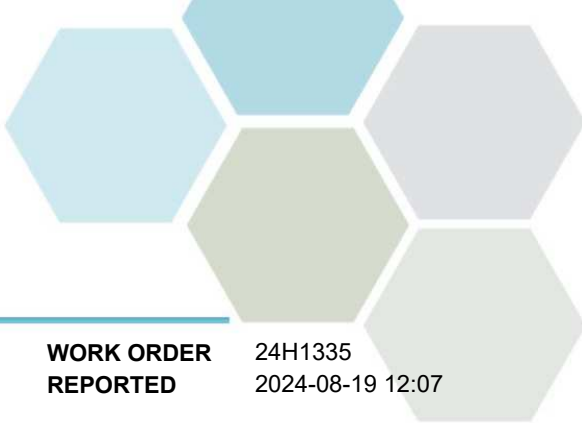
If you have any questions or concerns, please contact me at [TeamCaro@caro.ca](mailto:TeamCaro@caro.ca)

### Authorized By:

Team CARO  
Client Service Representative

1-888-311-8846 | [www.caro.ca](http://www.caro.ca)

#110 4011 Viking Way Richmond, BC V6V 2K9 | #102 3677 Highway 97N Kelowna, BC V1X 5C3 | 17225 109 Avenue Edmonton, AB T5S 1H7 | #108 4475 Wayburne Drive Burnaby, BC V5G 4X4



# TEST RESULTS

**REPORTED TO PROJECT** Cherry Ridge Management Creek Monitoring

**WORK ORDER REPORTED** 24H1335  
2024-08-19 12:07

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
---------	--------	-----------	----	-------	----------	-----------

**North Fork Cherry Creek (24H1335-01) | Matrix: Water | Sampled: 2024-08-11 11:13**

F2, F3,  
FILTa,  
PRES

**Anions**

Chloride	0.12	AO ≤ 250	0.10	mg/L	2024-08-12	
Nitrate (as N)	0.026	MAC = 10	0.010	mg/L	2024-08-12	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2024-08-12	
Sulfate	12.1	AO ≤ 500	1.0	mg/L	2024-08-12	

**Calculated Parameters**

Nitrate+Nitrite (as N)	0.0256	N/A	0.0100	mg/L	N/A	
Nitrogen, Total	0.0936	N/A	0.0500	mg/L	N/A	

**Dissolved Metals**

Aluminum, dissolved	0.0099	N/A	0.0050	mg/L	2024-08-15	
---------------------	--------	-----	--------	------	------------	--

**General Parameters**

Conductivity (EC)	195	N/A	2.0	µS/cm	2024-08-13	
Nitrogen, Total Kjeldahl	0.068	N/A	0.050	mg/L	2024-08-15	
pH	8.08	7.0-10.5	0.10	pH units	2024-08-13	HT2
Phosphorus, Total (as P)	< 0.0050	N/A	0.0050	mg/L	2024-08-14	
Phosphorus, Total Dissolved	< 0.0050	N/A	0.0050	mg/L	2024-08-14	
Turbidity	0.19	OG < 1	0.10	NTU	2024-08-13	

**Microbiological Parameters**

Coliforms, Total (Q-Tray)	199	MAC = 0	1	MPN/100 mL	2024-08-12	
E. coli (Q-Tray)	11	MAC = 0	1	MPN/100 mL	2024-08-12	

**Half Mile Creek (24H1335-02) | Matrix: Water | Sampled: 2024-08-11 12:05**

F2, F3,  
FILT,  
PRES

**Anions**

Chloride	0.30	AO ≤ 250	0.10	mg/L	2024-08-12	
Nitrate (as N)	< 0.010	MAC = 10	0.010	mg/L	2024-08-12	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2024-08-12	
Sulfate	33.1	AO ≤ 500	1.0	mg/L	2024-08-12	

**Calculated Parameters**

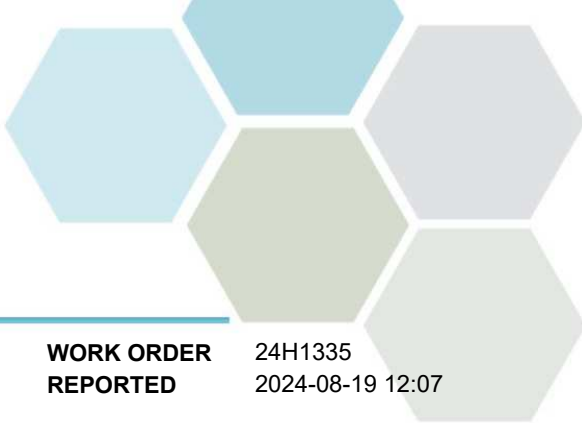
Nitrate+Nitrite (as N)	< 0.0100	N/A	0.0100	mg/L	N/A	
Nitrogen, Total	0.111	N/A	0.0500	mg/L	N/A	

**Dissolved Metals**

Aluminum, dissolved	< 0.0050	N/A	0.0050	mg/L	2024-08-15	
---------------------	----------	-----	--------	------	------------	--

**General Parameters**

Conductivity (EC)	396	N/A	2.0	µS/cm	2024-08-13	
Nitrogen, Total Kjeldahl	0.111	N/A	0.050	mg/L	2024-08-15	



# TEST RESULTS

**REPORTED TO PROJECT** Cherry Ridge Management Creek Monitoring

**WORK ORDER REPORTED** 24H1335  
2024-08-19 12:07

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
<b>Half Mile Creek (24H1335-02)   Matrix: Water   Sampled: 2024-08-11 12:05, Continued</b>						F2, F3, FILT, PRES

**General Parameters, Continued**

pH	8.22	7.0-10.5	0.10	pH units	2024-08-13	HT2
Phosphorus, Total (as P)	< 0.0050	N/A	0.0050	mg/L	2024-08-14	
Phosphorus, Total Dissolved	< 0.0050	N/A	0.0050	mg/L	2024-08-14	
Turbidity	0.52	OG < 1	0.10	NTU	2024-08-13	

**Microbiological Parameters**

Coliforms, Total (Q-Tray)	146	MAC = 0	1	MPN/100 mL	2024-08-12	
E. coli (Q-Tray)	2	MAC = 0	1	MPN/100 mL	2024-08-12	

**Cherry Creek at Hall (24H1335-03) | Matrix: Water | Sampled: 2024-08-11 11:45**

F2, F3, FILT, PRES

**Anions**

Chloride	1.49	AO ≤ 250	0.10	mg/L	2024-08-12	
Nitrate (as N)	0.026	MAC = 10	0.010	mg/L	2024-08-12	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2024-08-12	
Sulfate	15.3	AO ≤ 500	1.0	mg/L	2024-08-12	

**Calculated Parameters**

Nitrate+Nitrite (as N)	0.0264	N/A	0.0100	mg/L	N/A	
Nitrogen, Total	0.170	N/A	0.0500	mg/L	N/A	

**Dissolved Metals**

Aluminum, dissolved	< 0.0050	N/A	0.0050	mg/L	2024-08-15	
---------------------	----------	-----	--------	------	------------	--

**General Parameters**

Conductivity (EC)	242	N/A	2.0	µS/cm	2024-08-13	
Nitrogen, Total Kjeldahl	0.144	N/A	0.050	mg/L	2024-08-15	
pH	8.23	7.0-10.5	0.10	pH units	2024-08-13	HT2
Phosphorus, Total (as P)	< 0.0050	N/A	0.0050	mg/L	2024-08-14	
Phosphorus, Total Dissolved	< 0.0050	N/A	0.0050	mg/L	2024-08-14	
Turbidity	0.64	OG < 1	0.10	NTU	2024-08-13	

**Microbiological Parameters**

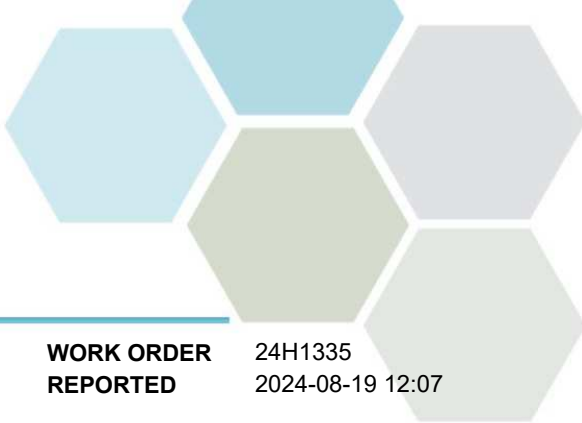
Coliforms, Total (Q-Tray)	921	MAC = 0	1	MPN/100 mL	2024-08-12	
E. coli (Q-Tray)	13	MAC = 0	1	MPN/100 mL	2024-08-12	

**Shuswap River Picnic Site (24H1335-04) | Matrix: Water | Sampled: 2024-08-11 10:15**

F2, F3, FILT, PRES

**Anions**

Chloride	0.46	AO ≤ 250	0.10	mg/L	2024-08-12	
----------	------	----------	------	------	------------	--



# TEST RESULTS

**REPORTED TO PROJECT** Cherry Ridge Management Creek Monitoring

**WORK ORDER REPORTED** 24H1335  
2024-08-19 12:07

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
---------	--------	-----------	----	-------	----------	-----------

**Shuswap River Picnic Site (24H1335-04) | Matrix: Water | Sampled: 2024-08-11 10:15, Continued**

F2, F3,  
FILT,  
PRES

**Anions, Continued**

Nitrate (as N)	0.010	MAC = 10	0.010	mg/L	2024-08-12	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2024-08-12	
Sulfate	6.7	AO ≤ 500	1.0	mg/L	2024-08-12	

**Calculated Parameters**

Nitrate+Nitrite (as N)	0.0105	N/A	0.0100	mg/L	N/A	
Nitrogen, Total	0.126	N/A	0.0500	mg/L	N/A	

**Dissolved Metals**

Aluminum, dissolved	0.0103	N/A	0.0050	mg/L	2024-08-15	
---------------------	--------	-----	--------	------	------------	--

**General Parameters**

Conductivity (EC)	112	N/A	2.0	µS/cm	2024-08-13	
Nitrogen, Total Kjeldahl	0.115	N/A	0.050	mg/L	2024-08-15	
pH	7.98	7.0-10.5	0.10	pH units	2024-08-13	HT2
Phosphorus, Total (as P)	0.0052	N/A	0.0050	mg/L	2024-08-14	
Phosphorus, Total Dissolved	0.0052	N/A	0.0050	mg/L	2024-08-14	
Turbidity	0.31	OG < 1	0.10	NTU	2024-08-13	

**Microbiological Parameters**

Coliforms, Total (Q-Tray)	3790	MAC = 0	1	MPN/100 mL	2024-08-12	
E. coli (Q-Tray)	6	MAC = 0	1	MPN/100 mL	2024-08-12	

**Ferry Creek (24H1335-05) | Matrix: Water | Sampled: 2024-08-11 10:30**

F2, F3,  
FILT,  
PRES

**Anions**

Chloride	1.09	AO ≤ 250	0.10	mg/L	2024-08-12	
Nitrate (as N)	< 0.010	MAC = 10	0.010	mg/L	2024-08-12	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2024-08-12	
Sulfate	34.8	AO ≤ 500	1.0	mg/L	2024-08-12	

**Calculated Parameters**

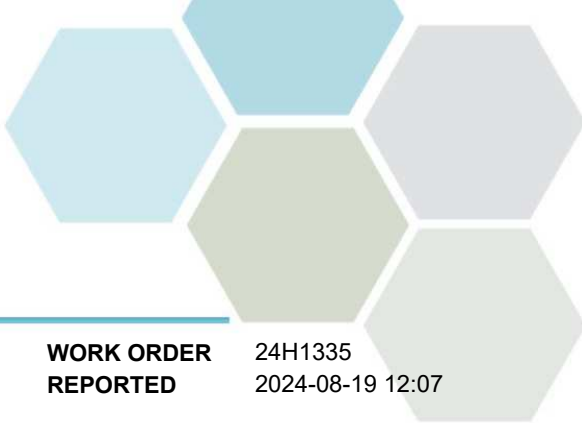
Nitrate+Nitrite (as N)	< 0.0100	N/A	0.0100	mg/L	N/A	
Nitrogen, Total	0.114	N/A	0.0500	mg/L	N/A	

**Dissolved Metals**

Aluminum, dissolved	0.0090	N/A	0.0050	mg/L	2024-08-15	
---------------------	--------	-----	--------	------	------------	--

**General Parameters**

Conductivity (EC)	369	N/A	2.0	µS/cm	2024-08-13	
Nitrogen, Total Kjeldahl	0.114	N/A	0.050	mg/L	2024-08-15	
pH	8.05	7.0-10.5	0.10	pH units	2024-08-13	HT2



# TEST RESULTS

**REPORTED TO PROJECT** Cherry Ridge Management  
Creek Monitoring

**WORK ORDER REPORTED** 24H1335  
2024-08-19 12:07

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
---------	--------	-----------	----	-------	----------	-----------

**Ferry Creek (24H1335-05) | Matrix: Water | Sampled: 2024-08-11 10:30, Continued**

F2, F3,  
FILTa,  
PRES

**General Parameters, Continued**

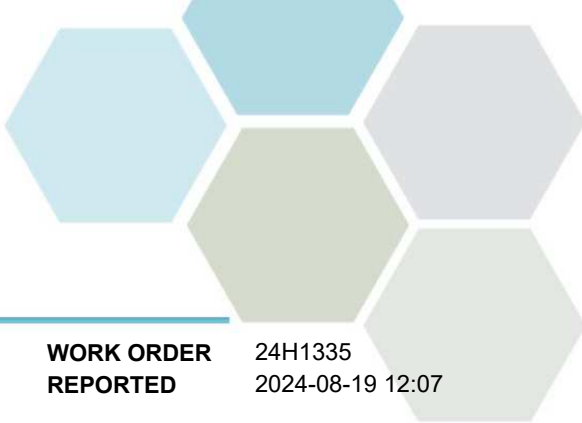
Phosphorus, Total (as P)	0.0106	N/A	0.0050	mg/L	2024-08-14	
Phosphorus, Total Dissolved	0.0094	N/A	0.0050	mg/L	2024-08-14	
Turbidity	0.22	OG < 1	0.10	NTU	2024-08-13	

**Microbiological Parameters**

Coliforms, Total (Q-Tray)	1410	MAC = 0	1	MPN/100 mL	2024-08-12	
E. coli (Q-Tray)	13	MAC = 0	1	MPN/100 mL	2024-08-12	

**Sample Qualifiers:**

- F2 The sample was not field-preserved with HNO3 and was therefore preserved in the laboratory and held for at least 16 hours prior to analysis for total metals.
- F3 Results may be biased low due to sub-sampling from general container.
- FILT The sample has been filtered for DP in the laboratory. Results may not reflect conditions at the time of sampling.
- FILTa The sample has been filtered for DP, in the laboratory. Results may not reflect conditions at the time of sampling.
- HT2 The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.
- PRES Sample has been preserved for DP, TKN, TP in the laboratory and the holding time has been extended.



## APPENDIX 1: SUPPORTING INFORMATION

**REPORTED TO PROJECT** Cherry Ridge Management Creek Monitoring

**WORK ORDER REPORTED** 24H1335  
2024-08-19 12:07

Analysis Description	Method Ref.	Technique	Accredited	Location
Anions in Water	SM 4110 B (2020)	Ion Chromatography	✓	Kelowna
Coliforms, Total in Water	SM 9223 (2016)	Quanti-Tray / Enzyme Substrate Endo Agar	✓	Kelowna
Conductivity in Water	SM 2510 B (2021)	Conductivity Meter	✓	Kelowna
Dissolved Metals in Water	EPA 200.8 / EPA 6020B	0.45 µm Filtration / Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS)	✓	Richmond
E. coli in Water	SM 9223 (2016)	Quanti-Tray / Enzyme Substrate Endo Agar	✓	Kelowna
Nitrogen, Total Kjeldahl in Water	SM 4500-Norg D* (2021)	Block Digestion and Flow Injection Analysis	✓	Kelowna
pH in Water	SM 4500-H+ B (2021)	Electrometry	✓	Kelowna
Phosphorus, Total Dissolved in Water	SM 4500-P B.5* (2011) / SM 4500-P F (2021)	Persulfate Digestion / Automated Colorimetry (Ascorbic Acid)	✓	Kelowna
Phosphorus, Total in Water	SM 4500-P B.5* (2011) / SM 4500-P F (2021)	Persulfate Digestion / Automated Colorimetry (Ascorbic Acid)	✓	Kelowna
Turbidity in Water	SM 2130 B (2020)	Nephelometry	✓	Kelowna

*Note: An asterisk in the Method Reference indicates that the CARO method has been modified from the reference method*

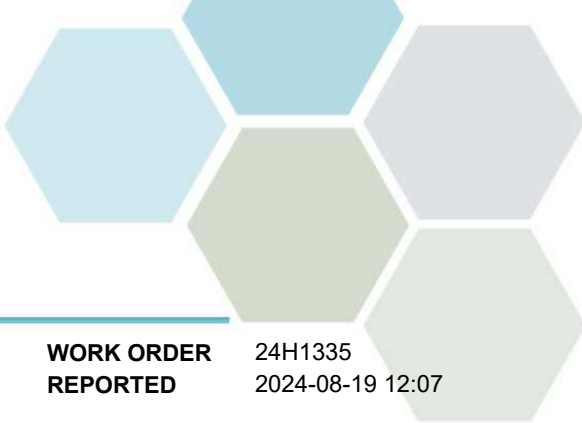
### Glossary of Terms:

RL	Reporting Limit (default)
<	Less than the specified Reporting Limit (RL) - the actual RL may be higher than the default RL due to various factors
AO	Aesthetic Objective
MAC	Maximum Acceptable Concentration (health based)
mg/L	Milligrams per litre
MPN/100 mL	Most Probable Number per 100 millilitres
NTU	Nephelometric Turbidity Units
OG	Operational Guideline (treated water)
pH units	pH < 7 = acidic, pH > 7 = basic
µS/cm	Microsiemens per centimetre
EPA	United States Environmental Protection Agency Test Methods
SM	Standard Methods for the Examination of Water and Wastewater, American Public Health Association

### Guidelines Referenced in this Report:

[Guidelines for Canadian Drinking Water Quality \(Health Canada, September 2022\)](#)

*Note: In some cases, the values displayed on the report represent the lowest guideline and are to be verified by the end user*



## APPENDIX 1: SUPPORTING INFORMATION

**REPORTED TO** Cherry Ridge Management  
**PROJECT** Creek Monitoring

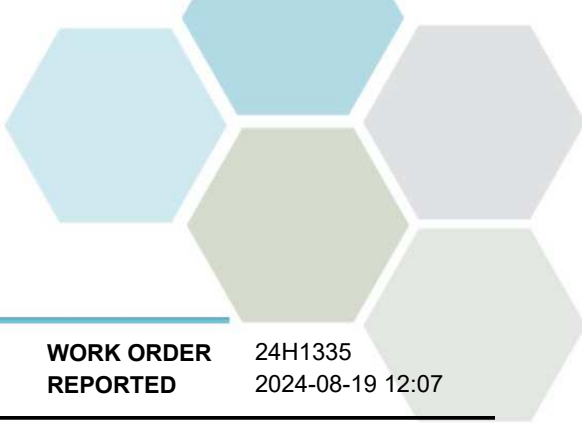
**WORK ORDER** 24H1335  
**REPORTED** 2024-08-19 12:07

**General Comments:**

The results in this report apply to the received samples analyzed in accordance with the Chain of Custody document. This analytical report must be reproduced in its entirety. CARO is not responsible for any loss or damage resulting directly or indirectly from error or omission in the conduct of testing. Liability is limited to the cost of analysis. Caro will dispose of all samples within 30 days of sample receipt, unless otherwise agreed.

Results in **Bold** indicate values that are above CARO's method reporting limits. Any results that are above regulatory limits are highlighted **red**. Please note that results will only be highlighted red if the regulatory limits are included on the CARO report. Any Bold and/or highlighted results do not take into account method uncertainty. If you would like method uncertainty or regulatory limits to be included on your report, please contact your Account Manager: [TeamCaro@caro.ca](mailto:TeamCaro@caro.ca)

*Please note any regulatory guidelines applied to this report are added as a convenience to the client, at their request, to help provide some initial context to analytical results obtained. Although CARO makes every effort to ensure accuracy of the associated regulatory guideline(s) applied, the guidelines applied cannot be assumed to be correct due to a variety of factors and as such CARO Analytical Services assumes no liability or responsibility for the use of those guidelines to make any decisions. The original source of the regulation should be verified and a review of the guideline(s) should be validated as correct in order to make any decisions arising from the comparison of the analytical data obtained to the relevant regulatory guideline for one's particular circumstances. Further, CARO Analytical Services assumes no liability or responsibility for any loss attributed from the use of these guidelines in any way.*



## APPENDIX 2: QUALITY CONTROL RESULTS

**REPORTED TO PROJECT** Cherry Ridge Management  
Creek Monitoring

**WORK ORDER REPORTED** 24H1335  
2024-08-19 12:07

The following section displays the quality control (QC) data that is associated with your sample data. Groups of samples are prepared in “batches” and analyzed in conjunction with QC samples that ensure your data is of the highest quality. Common QC types include:

- **Method Blank (Blk):** A blank sample that undergoes sample processing identical to that carried out for the test samples. Method blank results are used to assess contamination from the laboratory environment and reagents.
- **Duplicate (Dup):** An additional or second portion of a randomly selected sample in the analytical run carried through the entire analytical process. Duplicates provide a measure of the analytical method's precision (reproducibility).
- **Blank Spike (BS):** A sample of known concentration which undergoes processing identical to that carried out for test samples, also referred to as a laboratory control sample (LCS). Blank spikes provide a measure of the analytical method's accuracy.
- **Matrix Spike (MS):** A second aliquot of sample is fortified with a known concentration of target analytes and carried through the entire analytical process. Matrix spikes evaluate potential matrix effects that may affect the analyte recovery.
- **Reference Material (SRM):** A homogenous material of similar matrix to the samples, certified for the parameter(s) listed. Reference Materials ensure that the analytical process is adequate to achieve acceptable recoveries of the parameter(s) tested.

Each QC type is analyzed at a 5-10% frequency, i.e. one blank/duplicate/spike for every 10-20 samples. For all types of QC, the specified recovery (% Rec) and relative percent difference (RPD) limits are derived from long-term method performance averages and/or prescribed by the reference method.

Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
<b>Anions, Batch B4H2336</b>									
<b>Blank (B4H2336-BLK1)</b>			Prepared: 2024-08-12, Analyzed: 2024-08-12						
Chloride	< 0.10	0.10 mg/L							
Nitrate (as N)	< 0.010	0.010 mg/L							
Nitrite (as N)	< 0.010	0.010 mg/L							
Sulfate	< 1.0	1.0 mg/L							
<b>LCS (B4H2336-BS1)</b>			Prepared: 2024-08-12, Analyzed: 2024-08-12						
Chloride	16.1	0.10 mg/L	16.0		101	90-110			
Nitrate (as N)	3.91	0.010 mg/L	4.00		98	90-110			
Nitrite (as N)	2.09	0.010 mg/L	2.00		105	85-115			
Sulfate	16.2	1.0 mg/L	16.0		101	90-110			
<b>Dissolved Metals, Batch B4H2492</b>									
<b>Blank (B4H2492-BLK1)</b>			Prepared: 2024-08-15, Analyzed: 2024-08-15						
Aluminum, dissolved	< 0.0050	0.0050 mg/L							
<b>LCS (B4H2492-BS1)</b>			Prepared: 2024-08-15, Analyzed: 2024-08-15						
Aluminum, dissolved	4.06	0.0050 mg/L	4.00		102	80-120			
<b>Matrix Spike (B4H2492-MS1)</b>			<b>Source: 24H1335-01</b>		Prepared: 2024-08-15, Analyzed: 2024-08-15				
Aluminum, dissolved	4.52	0.0050 mg/L	4.00	0.0099	113	70-130			
<b>General Parameters, Batch B4H2348</b>									
<b>Blank (B4H2348-BLK1)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Turbidity	< 0.10	0.10 NTU							
<b>Blank (B4H2348-BLK2)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Turbidity	< 0.10	0.10 NTU							
<b>LCS (B4H2348-BS1)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Turbidity	147	0.10 NTU	140		105	90-110			
<b>LCS (B4H2348-BS2)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Turbidity	1530	0.10 NTU	1500		102	90-110			





## APPENDIX 2: QUALITY CONTROL RESULTS

<b>REPORTED TO PROJECT</b>	Cherry Ridge Management Creek Monitoring	<b>WORK ORDER REPORTED</b>	24H1335 2024-08-19 12:07
----------------------------	---	----------------------------	-----------------------------

Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
<b>General Parameters, Batch B4H2475</b>									
<b>Blank (B4H2475-BLK1)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Conductivity (EC)	< 2.0	2.0 µS/cm							
<b>Blank (B4H2475-BLK2)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Conductivity (EC)	< 2.0	2.0 µS/cm							
<b>LCS (B4H2475-BS2)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Conductivity (EC)	1410	2.0 µS/cm	1410		100	95-105			
<b>LCS (B4H2475-BS4)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
Conductivity (EC)	1420	2.0 µS/cm	1410		100	95-105			
<b>Reference (B4H2475-SRM1)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
pH	7.02	0.10 pH units	7.01		100	98-102			
<b>Reference (B4H2475-SRM2)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-13						
pH	7.02	0.10 pH units	7.01		100	98-102			
<b>General Parameters, Batch B4H2528</b>									
<b>Blank (B4H2528-BLK1)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-14						
Phosphorus, Total (as P)	< 0.0050	0.0050 mg/L							
<b>Blank (B4H2528-BLK2)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-14						
Phosphorus, Total (as P)	< 0.0050	0.0050 mg/L							
Phosphorus, Total Dissolved	< 0.0050	0.0050 mg/L							
<b>LCS (B4H2528-BS1)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-14						
Phosphorus, Total (as P)	0.108	0.0050 mg/L	0.100		108	85-115			
<b>LCS (B4H2528-BS2)</b>			Prepared: 2024-08-13, Analyzed: 2024-08-14						
Phosphorus, Total (as P)	0.106	0.0050 mg/L	0.100		106	85-115			
Phosphorus, Total Dissolved	0.109	0.0050 mg/L	0.100		109	85-115			
<b>General Parameters, Batch B4H2640</b>									
<b>Blank (B4H2640-BLK1)</b>			Prepared: 2024-08-14, Analyzed: 2024-08-15						
Nitrogen, Total Kjeldahl	< 0.050	0.050 mg/L							
<b>Blank (B4H2640-BLK2)</b>			Prepared: 2024-08-14, Analyzed: 2024-08-15						
Nitrogen, Total Kjeldahl	< 0.050	0.050 mg/L							
<b>LCS (B4H2640-BS1)</b>			Prepared: 2024-08-14, Analyzed: 2024-08-15						
Nitrogen, Total Kjeldahl	1.10	0.050 mg/L	1.00		110	85-115			
<b>LCS (B4H2640-BS2)</b>			Prepared: 2024-08-14, Analyzed: 2024-08-15						
Nitrogen, Total Kjeldahl	1.12	0.050 mg/L	1.00		112	85-115			
<b>Microbiological Parameters, Batch B4H2375</b>									
<b>Blank (B4H2375-BLK2)</b>			Prepared: 2024-08-12, Analyzed: 2024-08-12						
Coliforms, Total (Q-Tray)	< 1	1 MPN/100 mL							
E. coli (Q-Tray)	< 1	1 MPN/100 mL							
<b>Blank (B4H2375-BLK3)</b>			Prepared: 2024-08-12, Analyzed: 2024-08-12						
Coliforms, Total (Q-Tray)	< 1	1 MPN/100 mL							
E. coli (Q-Tray)	< 1	1 MPN/100 mL							



## APPENDIX 2: QUALITY CONTROL RESULTS

**REPORTED TO PROJECT** Cherry Ridge Management  
Creek Monitoring

**WORK ORDER REPORTED** 24H1335  
2024-08-19 12:07

Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
<b>Microbiological Parameters, Batch B4H2375, Continued</b>									
<b>Blank (B4H2375-BLK4)</b>				Prepared: 2024-08-12, Analyzed: 2024-08-12					
Coliforms, Total (Q-Tray)	< 1	1 MPN/100 mL							
E. coli (Q-Tray)	< 1	1 MPN/100 mL							
<b>Duplicate (B4H2375-DUP3)</b>				Source: 24H1335-01		Prepared: 2024-08-12, Analyzed: 2024-08-12			
Coliforms, Total (Q-Tray)	231	1 MPN/100 mL		199		15	80		
E. coli (Q-Tray)	2	1 MPN/100 mL		11		138	80		MIC29
<b>Duplicate (B4H2375-DUP4)</b>				Source: 24H1335-02		Prepared: 2024-08-12, Analyzed: 2024-08-12			
Coliforms, Total (Q-Tray)	117	1 MPN/100 mL		146		22	80		
E. coli (Q-Tray)	< 1	1 MPN/100 mL		2			80		MIC29

**QC Qualifiers:**

MIC29 The difference in logs is less than the R value.