

## CERTIFICATE OF ANALYSIS

**REPORTED TO** Accounts Receivable (New Denver, Village of)  
115 Slocan Avenue  
NEW DENVER, BC V0G 1S0

**ONLINE ORDER#** 494759

**SITE INFO** Online Order #494759  
**CARO WO#** 23G0961

**RECEIVED / TEMP** 2023-09-01 11:46 / 13.3°C  
**REPORTED** 2023-09-08

### 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.

### Report Highlights:

The results in this report apply to the samples analyzed in accordance with your submission. All parameters meet the Guidelines for Canadian Drinking Water Quality (Jan 2020).

For more information, please visit <http://www.caro.ca/reports/>

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

#### Laboratory Recommendations:

For assistance reading your report, please visit

<https://www.caro.ca/wp-content/uploads/2020/07/How-to-read-your-report-1.pdf>

For information about bacteria in water results, please visit

<https://www.caro.ca/you-need-to-know-about-bacteria-in-water-analytical-report/>

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

#### Authorized By:

Team CARO

Client Service Representative

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## TEST RESULTS

**REPORTED TO** Accounts Receivable (New Denver, Village of)  
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Parameter	Result	Guideline	RL Units	Analyzed	Note
<b>Sample Name: Vond - Village of New Denver   Matrix: Water   Sampled: 2023-09-01 06:15</b>					
<b>Anions</b>					
Chloride	<b>0.86</b>	AO ≤ 250	0.10 mg/L	2023-09-01	
Fluoride	< 0.10	MAC = 1.5	0.10 mg/L	2023-09-01	
Nitrate (as N)	<b>0.395</b>	MAC = 10	0.010 mg/L	2023-09-01	
Nitrite (as N)	< 0.010	MAC = 1	0.010 mg/L	2023-09-01	
Sulfate	<b>26.9</b>	AO ≤ 500	1.0 mg/L	2023-09-01	
<b>Calculated Parameters</b>					
Hardness, Total (as CaCO3)	<b>132</b>	None Required	0.500 mg/L	N/A	
Solids, Total Dissolved	<b>157</b>	AO ≤ 500	1.00 mg/L	N/A	
<b>General Parameters</b>					
Alkalinity, Total (as CaCO3)	<b>126</b>	N/A	1.0 mg/L	2023-09-04	
Ammonia, Total (as N)	< 0.050	None Required	0.050 mg/L	2023-09-02	
Carbon, Total Organic	<b>1.39</b>	N/A	0.50 mg/L	2023-09-06	
Conductivity (EC)	<b>200</b>	N/A	2.0 µS/cm	2023-09-04	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020 mg/L	2023-09-04	
Nitrogen, Total Kjeldahl	< 0.050	N/A	0.050 mg/L	2023-09-06	
pH	<b>7.80</b>	7.0-10.5	0.10 pH units	2023-09-04	HT2
Sulfide, Total	< 0.020	AO ≤ 0.05	0.020 mg/L	2023-09-05	
Turbidity	<b>0.14</b>	OG < 1	0.10 NTU	2023-09-04	
UV Transmittance @ 254nm	<b>98.1</b>	N/A	0.10 % T	2023-09-02	
<b>Microbiological Parameters</b>					
Coliforms, Total	< 1	MAC = 0	1 CFU/100 mL	2023-09-01	
Coliforms, Fecal	< 1	N/A	1 CFU/100 mL	2023-09-01	
E. coli	< 1	MAC = 0	1 CFU/100 mL	2023-09-01	
<b>Total Metals</b>					
Aluminum, total	< 0.0050	OG < 0.1	0.0050 mg/L	2023-09-08	
Antimony, total	<b>0.00022</b>	MAC = 0.006	0.00020 mg/L	2023-09-08	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050 mg/L	2023-09-08	
Barium, total	<b>0.0164</b>	MAC = 2	0.0050 mg/L	2023-09-08	
Boron, total	< 0.0500	MAC = 5	0.0500 mg/L	2023-09-08	
Cadmium, total	<b>0.000023</b>	MAC = 0.007	0.000010 mg/L	2023-09-08	
Calcium, total	<b>41.3</b>	None Required	0.20 mg/L	2023-09-08	
Chromium, total	<b>0.00172</b>	MAC = 0.05	0.00050 mg/L	2023-09-08	
Copper, total	<b>0.00332</b>	MAC = 2	0.00040 mg/L	2023-09-08	
Iron, total	<b>0.035</b>	AO ≤ 0.3	0.010 mg/L	2023-09-08	
Lead, total	< 0.00020	MAC = 0.005	0.00020 mg/L	2023-09-08	
Magnesium, total	<b>7.05</b>	None Required	0.010 mg/L	2023-09-08	
Manganese, total	<b>0.00030</b>	MAC = 0.12	0.00020 mg/L	2023-09-08	
Mercury, total	< 0.000040	MAC = 0.001	0.000040 mg/L	2023-09-08	HG1
Potassium, total	<b>0.76</b>	N/A	0.10 mg/L	2023-09-08	
Selenium, total	<b>0.00225</b>	MAC = 0.05	0.00050 mg/L	2023-09-08	



## TEST RESULTS

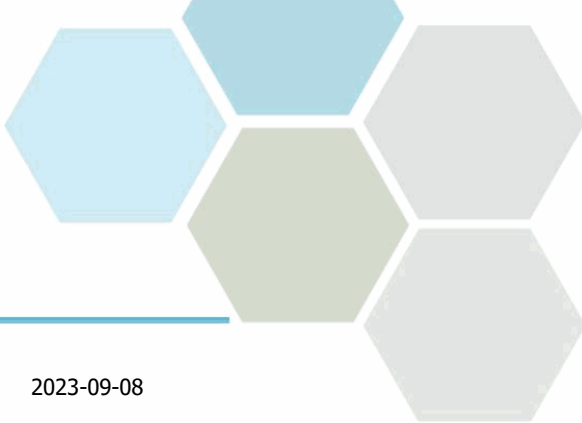
**REPORTED TO** Accounts Receivable (New Denver, Village of)  
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**REPORTED** 2023-09-08

Parameter	Result	Guideline	RL Units	Analyzed	Note
<b>Sample Name: Vond - Village of New Denver   Matrix: Water   Sampled: 2023-09-01 06:15, Continued</b>					
<i>Total Metals, Continued</i>					
Sodium, total	<b>1.90</b>	AO ≤ 200	0.10 mg/L	2023-09-08	
Strontium, total	<b>0.277</b>	MAC = 7	0.0010 mg/L	2023-09-08	
Uranium, total	<b>0.000500</b>	MAC = 0.02	0.000020 mg/L	2023-09-08	
Zinc, total	<b>0.0409</b>	AO ≤ 5	0.0040 mg/L	2023-09-08	

**Note Descriptions:**

- HG1 Sample bottle and preservation submitted is not suitable for Mercury analysis and analyte stability may be affected.
- HT2 The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.



## APPENDIX 1: SUPPORTING INFORMATION

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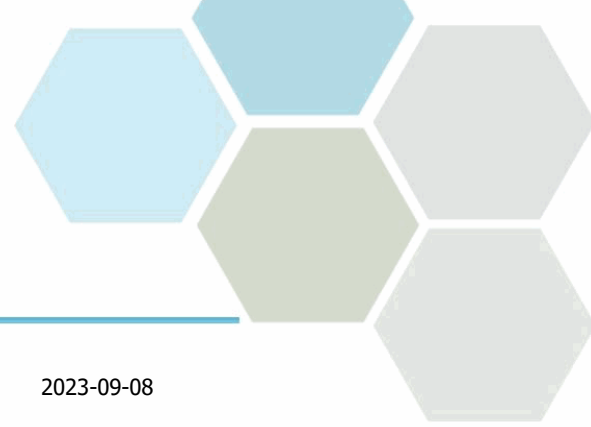
**REPORTED** 2023-09-08

Analysis Description	Method Ref.	Technique	Accredited	Location
Alkalinity in Water	SM 2320 B* (2021)	Titration with H2SO4	✓	Kelowna
Ammonia, Total in Water	SM 4500-NH3 G* (2021)	Automated Colorimetry (Phenate)	✓	Kelowna
Anions in Water	SM 4110 B (2020)	Ion Chromatography	✓	Kelowna
Carbon, Total Organic in Water	SM 5310 B (2022)	Combustion, Infrared CO2 Detection	✓	Kelowna
Coliforms, Fecal in Water	SM 9222 D (2015)	Membrane Filtration / m-FC Agar	✓	Kelowna
Coliforms, Total in Water	SM 9222* (2015)	Membrane Filtration / Chromocult Agar	✓	Kelowna
Conductivity in Water	SM 2510 B (2021)	Conductivity Meter	✓	Kelowna
Cyanide, SAD in Water	ASTM D7511-12	Flow Injection with In-Line UV Digestion and Amperometry	✓	Kelowna
E. coli in Water	SM 9222* (2015)	Membrane Filtration / Chromocult Agar	✓	Kelowna
Hardness in Water	SM 2340 B* (2021)	Calculation: 2.497 [total Ca] + 4.118 [total Mg] (Est)	✓	N/A
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
Solids, Total Dissolved in Water	SM 1030 E (2021)	SM 1030 E		N/A
Sulfide, Total in Water	SM 4500-S2 D* (2021)	Colorimetry (Methylene Blue)	✓	Edmonton
Total Metals in Water	EPA 200.2 / EPA 6020B	HNO3+HCl Hot Block Digestion / Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS)	✓	Richmond
Transmittance at 254 nm in Water	SM 5910 B* (2021)	Ultraviolet Absorption	✓	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:

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



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### General Comments:

For assistance reading your report, please visit

<https://www.caro.ca/wp-content/uploads/2020/07/How-to-read-your-report-1.pdf>

For information about bacteria in water results, please visit

<https://www.caro.ca/you-need-to-know-about-bacteria-in-water-analytical-report/>

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## APPENDIX 2: QUALITY CONTROL RESULTS

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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:

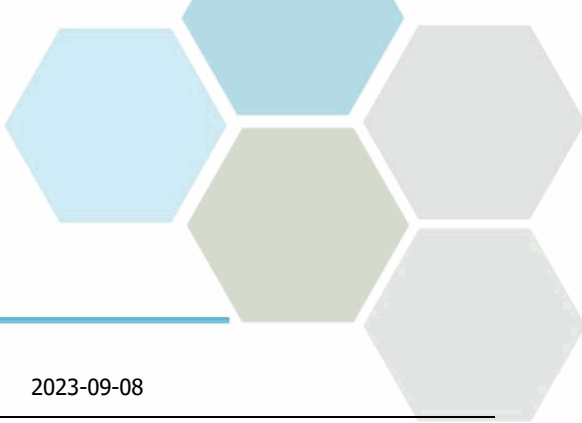
- **Method Blank (Blk):** A blank sample that undergoes sample processing identical to that carried out for the test samples. Method blank results are used to assess contamination from the laboratory environment and reagents.
- **Duplicate (Dup):** An additional or second portion of a randomly selected 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	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<b>Anions, Batch B3I0072</b>									
<b>Blank (B3I0072-BLK1)</b>			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Chloride	< 0.10	0.10 mg/L							
Fluoride	< 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 (B3I0072-BS1)</b>			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Chloride	16.0	0.10 mg/L	16.0		100	90-110			
Fluoride	4.00	0.10 mg/L	4.00		100	88-108			
Nitrate (as N)	3.98	0.010 mg/L	4.00		99	90-110			
Nitrite (as N)	2.03	0.010 mg/L	2.00		101	85-115			
Sulfate	15.8	1.0 mg/L	16.0		99	90-110			
<b>Duplicate (B3I0072-DUP1)</b>			Source: 23G0961-01		Prepared: 2023-09-01, Analyzed: 2023-09-01				
Chloride	0.87	0.10 mg/L		0.86			< 1	10	
Fluoride	< 0.10	0.10 mg/L		< 0.10				10	
Nitrate (as N)	0.394	0.010 mg/L		0.395			< 1	10	
Nitrite (as N)	< 0.010	0.010 mg/L		< 0.010				15	
Sulfate	26.9	1.0 mg/L		26.9			< 1	10	
<b>Matrix Spike (B3I0072-MS1)</b>			Source: 23G0961-01		Prepared: 2023-09-01, Analyzed: 2023-09-01				
Chloride	16.6	0.10 mg/L	16.0	0.86	98	75-125			
Fluoride	4.02	0.10 mg/L	4.00	< 0.10	98	75-125			
Nitrate (as N)	4.39	0.010 mg/L	4.00	0.395	100	75-125			
Nitrite (as N)	1.98	0.010 mg/L	2.00	< 0.010	99	80-120			
Sulfate	42.3	1.0 mg/L	16.0	26.9	96	75-125			

### General Parameters, Batch B3H3328

<b>Blank (B3H3328-BLK1)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Carbon, Total Organic	< 0.50	0.50 mg/L							
<b>Blank (B3H3328-BLK2)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Carbon, Total Organic	< 0.50	0.50 mg/L							



## APPENDIX 2: QUALITY CONTROL RESULTS

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Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<b>General Parameters, Batch B3H3328, Continued</b>									
<b>Blank (B3H3328-BLK3)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Carbon, Total Organic	< 0.50	0.50 mg/L							
<b>LCS (B3H3328-BS1)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Carbon, Total Organic	9.76	0.50 mg/L	10.0		98	78-116			
<b>LCS (B3H3328-BS2)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Carbon, Total Organic	9.39	0.50 mg/L	10.0		94	78-116			
<b>LCS (B3H3328-BS3)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Carbon, Total Organic	9.78	0.50 mg/L	10.0		98	78-116			
<b>General Parameters, Batch B3I0105</b>									
<b>Blank (B3I0105-BLK1)</b>			Prepared: 2023-09-02, Analyzed: 2023-09-02						
Ammonia, Total (as N)	< 0.050	0.050 mg/L							
<b>Blank (B3I0105-BLK2)</b>			Prepared: 2023-09-02, Analyzed: 2023-09-02						
Ammonia, Total (as N)	< 0.050	0.050 mg/L							
<b>LCS (B3I0105-BS1)</b>			Prepared: 2023-09-02, Analyzed: 2023-09-02						
Ammonia, Total (as N)	0.965	0.050 mg/L	1.00		96	85-115			
<b>LCS (B3I0105-BS2)</b>			Prepared: 2023-09-02, Analyzed: 2023-09-02						
Ammonia, Total (as N)	0.934	0.050 mg/L	1.00		93	85-115			
<b>General Parameters, Batch B3I0131</b>									
<b>Blank (B3I0131-BLK1)</b>			Prepared: 2023-09-02, Analyzed: 2023-09-02						
UV Transmittance @ 254nm	< 0.10	0.10 % T							
<b>LCS (B3I0131-BS1)</b>			Prepared: 2023-09-02, Analyzed: 2023-09-02						
UV Transmittance @ 254nm	35.0	0.10 % T	35.4		99	95-105			
<b>General Parameters, Batch B3I0162</b>									
<b>Blank (B3I0162-BLK1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Cyanide, Total	< 0.0020	0.0020 mg/L							
<b>LCS (B3I0162-BS1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Cyanide, Total	0.0182	0.0020 mg/L	0.0200		91	82-120			
<b>LCS Dup (B3I0162-BSD1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Cyanide, Total	0.0191	0.0020 mg/L	0.0200		95	82-120	5	10	
<b>Matrix Spike (B3I0162-MS1)</b>			<b>Source: 23G0961-01</b>		Prepared: 2023-09-04, Analyzed: 2023-09-04				
Cyanide, Total	0.0340	0.0020 mg/L	0.0400	< 0.0020	80	70-130			
<b>General Parameters, Batch B3I0163</b>									
<b>Blank (B3I0163-BLK1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Alkalinity, Total (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Bicarbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Carbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Hydroxide (as CaCO3)	< 1.0	1.0 mg/L							
Conductivity (EC)	< 2.0	2.0 µS/cm							



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Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<b>General Parameters, Batch B3I0163, Continued</b>									
<b>LCS (B3I0163-BS1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Alkalinity, Total (as CaCO <sub>3</sub> )	105	1.0 mg/L	100		105	80-120			
Alkalinity, Phenolphthalein (as CaCO <sub>3</sub> )	41.5	1.0 mg/L	50.0		83	0-200			
<b>LCS (B3I0163-BS2)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Conductivity (EC)	1410	2.0 µS/cm	1410		100	95-105			
<b>Reference (B3I0163-SRM1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
pH	7.04	0.10 pH units	7.01		100	98-102			
<b>General Parameters, Batch B3I0169</b>									
<b>Blank (B3I0169-BLK1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Turbidity	< 0.10	0.10 NTU							
<b>LCS (B3I0169-BS1)</b>			Prepared: 2023-09-04, Analyzed: 2023-09-04						
Turbidity	144	0.10 NTU	140		103	90-110			
<b>General Parameters, Batch B3I0230</b>									
<b>Blank (B3I0230-BLK1)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-06						
Nitrogen, Total Kjeldahl	< 0.050	0.050 mg/L							
<b>Blank (B3I0230-BLK2)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-06						
Nitrogen, Total Kjeldahl	< 0.050	0.050 mg/L							
<b>LCS (B3I0230-BS1)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-06						
Nitrogen, Total Kjeldahl	0.996	0.050 mg/L	1.00		100	85-115			
<b>LCS (B3I0230-BS2)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-06						
Nitrogen, Total Kjeldahl	0.997	0.050 mg/L	1.00		100	85-115			
<b>General Parameters, Batch B3I0252</b>									
<b>Blank (B3I0252-BLK1)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Sulfide, Total	< 0.020	0.020 mg/L							
<b>LCS (B3I0252-BS1)</b>			Prepared: 2023-09-05, Analyzed: 2023-09-05						
Sulfide, Total	0.415	0.020 mg/L	0.480		86	80-120			
<b>Microbiological Parameters, Batch B3I0042</b>									
<b>Blank (B3I0042-BLK1)</b>			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Total	< 1	1 CFU/100 mL							
E. coli	< 1	1 CFU/100 mL							
<b>Blank (B3I0042-BLK2)</b>			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Total	< 1	1 CFU/100 mL							
E. coli	< 1	1 CFU/100 mL							
<b>Blank (B3I0042-BLK3)</b>			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Total	< 1	1 CFU/100 mL							
E. coli	< 1	1 CFU/100 mL							
<b>Blank (B3I0042-BLK4)</b>			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Total	< 1	1 CFU/100 mL							
E. coli	< 1	1 CFU/100 mL							





## APPENDIX 2: QUALITY CONTROL RESULTS

**REPORTED TO** Accounts Receivable (New Denver, Village of)  
**CARO WO#** 23G0961

**REPORTED** 2023-09-08

Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
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**Microbiological Parameters, Batch B310042, Continued**

Blank (B310042-BLK5)			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Total	< 1	1 CFU/100 mL							
E. coli	< 1	1 CFU/100 mL							
Blank (B310042-BLK6)			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Total	< 1	1 CFU/100 mL							
E. coli	< 1	1 CFU/100 mL							
Blank (B310042-BLK7)			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Total	< 1	1 CFU/100 mL							
E. coli	< 1	1 CFU/100 mL							

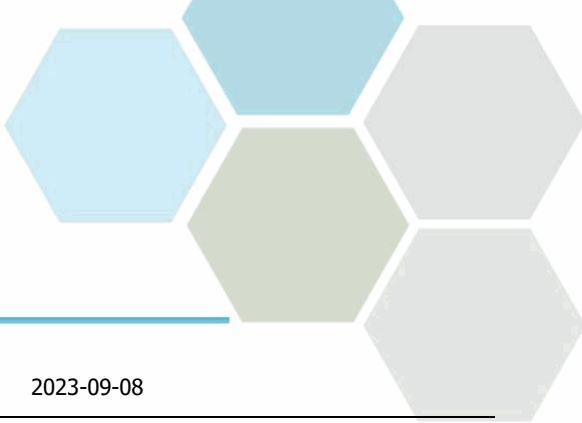
**Microbiological Parameters, Batch B310087**

Blank (B310087-BLK1)			Prepared: 2023-09-01, Analyzed: 2023-09-01						
Coliforms, Fecal	< 1	1 CFU/100 mL							
Duplicate (B310087-DUP1)			Source: 23G0961-01		Prepared: 2023-09-01, Analyzed: 2023-09-01				
Coliforms, Fecal	< 1	1 CFU/100 mL	< 1					81	RS2

**Total Metals, Batch B310609**

Blank (B310609-BLK1)			Prepared: 2023-09-08, Analyzed: 2023-09-08						
Aluminum, total	< 0.0050	0.0050 mg/L							
Antimony, total	< 0.00020	0.00020 mg/L							
Arsenic, total	< 0.00050	0.00050 mg/L							
Barium, total	< 0.0050	0.0050 mg/L							
Boron, total	< 0.0500	0.0500 mg/L							
Cadmium, total	< 0.000010	0.000010 mg/L							
Calcium, total	< 0.20	0.20 mg/L							
Chromium, total	< 0.00050	0.00050 mg/L							
Copper, total	< 0.00040	0.00040 mg/L							
Iron, total	< 0.010	0.010 mg/L							
Lead, total	< 0.00020	0.00020 mg/L							
Magnesium, total	< 0.010	0.010 mg/L							
Manganese, total	< 0.00020	0.00020 mg/L							
Mercury, total	< 0.000040	0.000040 mg/L							
Potassium, total	< 0.10	0.10 mg/L							
Selenium, total	< 0.00050	0.00050 mg/L							
Sodium, total	< 0.10	0.10 mg/L							
Strontium, total	< 0.0010	0.0010 mg/L							
Uranium, total	< 0.000020	0.000020 mg/L							
Zinc, total	< 0.0040	0.0040 mg/L							

LCS (B310609-BS1)			Prepared: 2023-09-08, Analyzed: 2023-09-08						
Aluminum, total	4.02	0.0050 mg/L	4.00	100	80-120				
Antimony, total	0.0426	0.00020 mg/L	0.0400	106	80-120				
Arsenic, total	0.402	0.00050 mg/L	0.400	100	80-120				
Barium, total	0.0431	0.0050 mg/L	0.0400	108	80-120				
Boron, total	0.412	0.0500 mg/L	0.400	103	80-120				
Cadmium, total	0.0412	0.000010 mg/L	0.0400	103	80-120				
Calcium, total	4.00	0.20 mg/L	4.00	100	80-120				
Chromium, total	0.0401	0.00050 mg/L	0.0400	100	80-120				
Copper, total	0.0405	0.00040 mg/L	0.0400	101	80-120				
Iron, total	4.00	0.010 mg/L	4.00	100	80-120				
Lead, total	0.0409	0.00020 mg/L	0.0400	102	80-120				
Magnesium, total	4.06	0.010 mg/L	4.00	102	80-120				



## APPENDIX 2: QUALITY CONTROL RESULTS

**REPORTED TO** Accounts Receivable (New Denver, Village of)  
**CARO WO#** 23G0961

**REPORTED** 2023-09-08

Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<i>Total Metals, Batch B310609, Continued</i>									
<b>LCS (B310609-BS1), Continued</b>					Prepared: 2023-09-08, Analyzed: 2023-09-08				
Manganese, total	0.0396	0.00020 mg/L	0.0400		99	80-120			
Mercury, total	0.00424	0.000040 mg/L	0.00400		106	80-120			
Potassium, total	3.96	0.10 mg/L	4.00		99	80-120			
Selenium, total	0.399	0.00050 mg/L	0.400		100	80-120			
Sodium, total	3.89	0.10 mg/L	4.00		97	80-120			
Strontium, total	0.0395	0.0010 mg/L	0.0400		99	80-120			
Uranium, total	0.0422	0.000020 mg/L	0.0400		105	80-120			
Zinc, total	0.395	0.0040 mg/L	0.400		99	80-120			

**QC Qualifiers:**

RS2 The Reporting Limits for this sample have been raised due to limited sample volume.