

CERTIFICATE OF ANALYSIS

REPORTED TO Dan Gare Drilling
Box 722
Armstrong, BC V0E 1B0

ATTENTION Dan Gare

PO NUMBER
PROJECT Analytical Testing
PROJECT INFO

WORK ORDER 21J0518

RECEIVED / TEMP 2021-10-05 15:36 / 11.3°C
REPORTED 2021-10-14 13:14
COC NUMBER No Number

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.

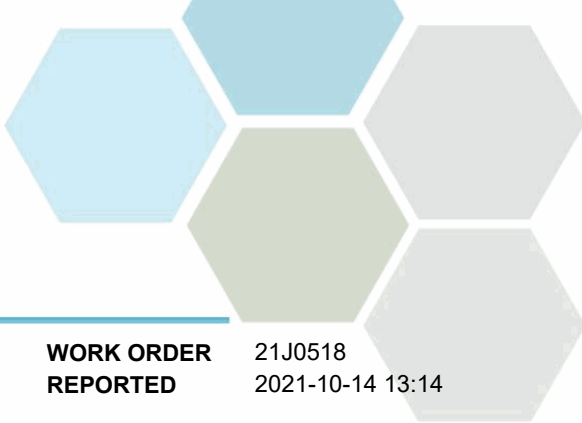
If you have any questions or concerns, please contact me at teamcaro@caro.ca

Authorized By:

Team CARO
Client Service Representative

1-888-311-8846 | 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

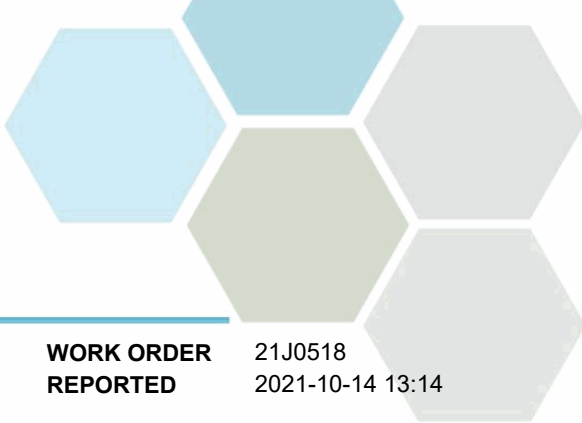


TEST RESULTS

REPORTED TO PROJECT Dan Gare Drilling Analytical Testing

WORK ORDER REPORTED 21J0518
2021-10-14 13:14

| Analyte | Result | Guideline | RL Units | Analyzed | Qualifier |
|---|------------|---------------|---------------|------------|-----------|
| 62189 (21J0518-01) Matrix: Water Sampled: 2021-10-05 14:00 | | | | | |
| Anions | | | | | |
| Chloride | 36.4 | AO ≤ 250 | 0.10 mg/L | 2021-10-07 | |
| Fluoride | 9.19 | MAC = 1.5 | 0.10 mg/L | 2021-10-07 | |
| Nitrate (as N) | < 0.010 | MAC = 10 | 0.010 mg/L | 2021-10-07 | |
| Nitrite (as N) | < 0.010 | MAC = 1 | 0.010 mg/L | 2021-10-07 | |
| Sulfate | 13.8 | AO ≤ 500 | 1.0 mg/L | 2021-10-07 | |
| Calculated Parameters | | | | | |
| Hardness, Total (as CaCO3) | 26.5 | None Required | 0.500 mg/L | N/A | |
| Langelier Index | 0.7 | N/A | -5.0 | 2021-10-14 | |
| Solids, Total Dissolved | 321 | AO ≤ 500 | 1.00 mg/L | N/A | |
| General Parameters | | | | | |
| Alkalinity, Total (as CaCO3) | 227 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Phenolphthalein (as CaCO3) | 16.7 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Bicarbonate (as CaCO3) | 194 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Carbonate (as CaCO3) | 33.4 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Hydroxide (as CaCO3) | < 1.0 | N/A | 1.0 mg/L | 2021-10-06 | |
| Colour, True | < 5.0 | AO ≤ 15 | 5.0 CU | 2021-10-07 | |
| Conductivity (EC) | 547 | N/A | 2.0 µS/cm | 2021-10-06 | |
| Cyanide, Total | < 0.0020 | MAC = 0.2 | 0.0020 mg/L | 2021-10-06 | |
| pH | 8.94 | 7.0-10.5 | 0.10 pH units | 2021-10-06 | HT2 |
| Temperature, at pH | 20.5 | N/A | °C | 2021-10-06 | HT2 |
| Turbidity | 4.05 | OG < 1 | 0.10 NTU | 2021-10-06 | |
| Microbiological Parameters | | | | | |
| Coliforms, Total | < 1 | MAC = 0 | 1 CFU/100 mL | 2021-10-05 | |
| E. coli | < 1 | MAC = 0 | 1 CFU/100 mL | 2021-10-05 | |
| Total Metals | | | | | |
| Aluminum, total | 0.335 | OG < 0.1 | 0.0050 mg/L | 2021-10-11 | |
| Antimony, total | < 0.00020 | MAC = 0.006 | 0.00020 mg/L | 2021-10-11 | |
| Arsenic, total | < 0.00050 | MAC = 0.01 | 0.00050 mg/L | 2021-10-11 | |
| Barium, total | 0.0258 | MAC = 2 | 0.0050 mg/L | 2021-10-11 | |
| Boron, total | < 0.0500 | MAC = 5 | 0.0500 mg/L | 2021-10-12 | |
| Cadmium, total | 0.000012 | MAC = 0.005 | 0.000010 mg/L | 2021-10-11 | |
| Calcium, total | 8.37 | None Required | 0.20 mg/L | 2021-10-11 | |
| Chromium, total | 0.00118 | MAC = 0.05 | 0.00050 mg/L | 2021-10-11 | |
| Cobalt, total | 0.00013 | N/A | 0.00010 mg/L | 2021-10-11 | |
| Copper, total | 0.00146 | MAC = 2 | 0.00040 mg/L | 2021-10-11 | |
| Iron, total | 0.358 | AO ≤ 0.3 | 0.010 mg/L | 2021-10-11 | |
| Lead, total | 0.00032 | MAC = 0.005 | 0.00020 mg/L | 2021-10-11 | |
| Magnesium, total | 1.35 | None Required | 0.010 mg/L | 2021-10-11 | |
| Manganese, total | 0.00804 | MAC = 0.12 | 0.00020 mg/L | 2021-10-11 | |
| Mercury, total | < 0.000040 | MAC = 0.001 | 0.000040 mg/L | 2021-10-11 | CT5 |



TEST RESULTS

REPORTED TO PROJECT Dan Gare Drilling Analytical Testing

WORK ORDER REPORTED 21J0518
2021-10-14 13:14

| Analyte | Result | Guideline | RL | Units | Analyzed | Qualifier |
|--|-----------|------------|----------|-------|------------|-----------|
| 62189 (21J0518-01) Matrix: Water Sampled: 2021-10-05 14:00, Continued | | | | | | |
| <i>Total Metals, Continued</i> | | | | | | |
| Molybdenum, total | 0.0202 | N/A | 0.00010 | mg/L | 2021-10-11 | |
| Nickel, total | 0.00091 | N/A | 0.00040 | mg/L | 2021-10-11 | |
| Potassium, total | 0.79 | N/A | 0.10 | mg/L | 2021-10-11 | |
| Selenium, total | < 0.00050 | MAC = 0.05 | 0.00050 | mg/L | 2021-10-11 | |
| Sodium, total | 122 | AO ≤ 200 | 0.10 | mg/L | 2021-10-11 | |
| Strontium, total | 1.88 | 7 | 0.0010 | mg/L | 2021-10-11 | |
| Uranium, total | 0.0387 | MAC = 0.02 | 0.000020 | mg/L | 2021-10-11 | |
| Zinc, total | 0.0042 | AO ≤ 5 | 0.0040 | mg/L | 2021-10-11 | |

62190 (21J0518-02) | Matrix: Water | Sampled: 2021-10-04 18:55

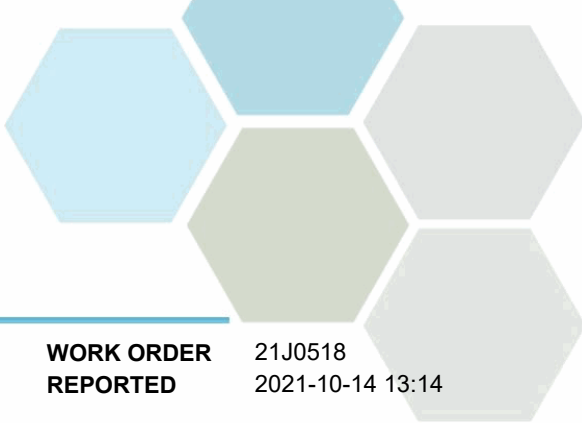
| | | | | | | |
|----------------|---------|-----------|-------|------|------------|--|
| <i>Anions</i> | | | | | | |
| Chloride | 62.6 | AO ≤ 250 | 0.10 | mg/L | 2021-10-07 | |
| Fluoride | 1.36 | MAC = 1.5 | 0.10 | mg/L | 2021-10-07 | |
| Nitrate (as N) | < 0.010 | MAC = 10 | 0.010 | mg/L | 2021-10-07 | |
| Nitrite (as N) | < 0.010 | MAC = 1 | 0.010 | mg/L | 2021-10-07 | |
| Sulfate | 5.8 | AO ≤ 500 | 1.0 | mg/L | 2021-10-07 | |

| | | | | | | |
|------------------------------|------|---------------|-------|------|------------|--|
| <i>Calculated Parameters</i> | | | | | | |
| Hardness, Total (as CaCO3) | 135 | None Required | 0.500 | mg/L | N/A | |
| Langelier Index | -0.5 | N/A | -5.0 | | 2021-10-14 | |
| Solids, Total Dissolved | 217 | AO ≤ 500 | 1.00 | mg/L | N/A | |

| | | | | | | |
|--|----------|-----------|--------|----------|------------|-----|
| <i>General Parameters</i> | | | | | | |
| Alkalinity, Total (as CaCO3) | 109 | N/A | 1.0 | mg/L | 2021-10-06 | |
| Alkalinity, Phenolphthalein (as CaCO3) | < 1.0 | N/A | 1.0 | mg/L | 2021-10-06 | |
| Alkalinity, Bicarbonate (as CaCO3) | 109 | N/A | 1.0 | mg/L | 2021-10-06 | |
| Alkalinity, Carbonate (as CaCO3) | < 1.0 | N/A | 1.0 | mg/L | 2021-10-06 | |
| Alkalinity, Hydroxide (as CaCO3) | < 1.0 | N/A | 1.0 | mg/L | 2021-10-06 | |
| Colour, True | < 5.0 | AO ≤ 15 | 5.0 | CU | 2021-10-07 | |
| Conductivity (EC) | 391 | N/A | 2.0 | µS/cm | 2021-10-06 | |
| Cyanide, Total | < 0.0020 | MAC = 0.2 | 0.0020 | mg/L | 2021-10-06 | |
| pH | 7.47 | 7.0-10.5 | 0.10 | pH units | 2021-10-06 | HT2 |
| Temperature, at pH | 20.7 | N/A | | °C | 2021-10-06 | HT2 |
| Turbidity | 10.8 | OG < 1 | 0.10 | NTU | 2021-10-06 | |

| | | | | | | |
|-----------------------------------|-----|---------|---|------------|------------|--|
| <i>Microbiological Parameters</i> | | | | | | |
| Coliforms, Total | < 1 | MAC = 0 | 1 | CFU/100 mL | 2021-10-05 | |
| E. coli | < 1 | MAC = 0 | 1 | CFU/100 mL | 2021-10-05 | |

| | | | | | | |
|---------------------|-----------|-------------|---------|------|------------|--|
| <i>Total Metals</i> | | | | | | |
| Aluminum, total | 0.0126 | OG < 0.1 | 0.0050 | mg/L | 2021-10-11 | |
| Antimony, total | < 0.00020 | MAC = 0.006 | 0.00020 | mg/L | 2021-10-11 | |
| Arsenic, total | < 0.00050 | MAC = 0.01 | 0.00050 | mg/L | 2021-10-11 | |



TEST RESULTS

REPORTED TO PROJECT Dan Gare Drilling Analytical Testing

WORK ORDER REPORTED 21J0518
2021-10-14 13:14

| Analyte | Result | Guideline | RL Units | Analyzed | Qualifier |
|--|------------|---------------|---------------|------------|-----------|
| 62190 (21J0518-02) Matrix: Water Sampled: 2021-10-04 18:55, Continued | | | | | |
| <i>Total Metals, Continued</i> | | | | | |
| Barium, total | 0.0173 | MAC = 2 | 0.0050 mg/L | 2021-10-11 | |
| Boron, total | < 0.0500 | MAC = 5 | 0.0500 mg/L | 2021-10-12 | |
| Cadmium, total | 0.000069 | MAC = 0.005 | 0.000010 mg/L | 2021-10-11 | |
| Calcium, total | 32.5 | None Required | 0.20 mg/L | 2021-10-11 | |
| Chromium, total | < 0.00050 | MAC = 0.05 | 0.00050 mg/L | 2021-10-11 | |
| Cobalt, total | 0.00065 | N/A | 0.00010 mg/L | 2021-10-11 | |
| Copper, total | 0.00307 | MAC = 2 | 0.00040 mg/L | 2021-10-11 | |
| Iron, total | 0.832 | AO ≤ 0.3 | 0.010 mg/L | 2021-10-11 | |
| Lead, total | 0.00092 | MAC = 0.005 | 0.00020 mg/L | 2021-10-11 | |
| Magnesium, total | 13.1 | None Required | 0.010 mg/L | 2021-10-11 | |
| Manganese, total | 1.01 | MAC = 0.12 | 0.00020 mg/L | 2021-10-11 | |
| Mercury, total | < 0.000010 | MAC = 0.001 | 0.000010 mg/L | 2021-10-13 | |
| Molybdenum, total | 0.00511 | N/A | 0.00010 mg/L | 2021-10-11 | |
| Nickel, total | 0.00215 | N/A | 0.00040 mg/L | 2021-10-11 | |
| Potassium, total | 1.97 | N/A | 0.10 mg/L | 2021-10-11 | |
| Selenium, total | < 0.00050 | MAC = 0.05 | 0.00050 mg/L | 2021-10-11 | |
| Sodium, total | 34.2 | AO ≤ 200 | 0.10 mg/L | 2021-10-11 | |
| Strontium, total | 0.460 | 7 | 0.0010 mg/L | 2021-10-11 | |
| Uranium, total | 0.0111 | MAC = 0.02 | 0.000020 mg/L | 2021-10-11 | |
| Zinc, total | 0.0115 | AO ≤ 5 | 0.0040 mg/L | 2021-10-11 | |

62179 (21J0518-03) | Matrix: Water | Sampled: 2021-10-04 17:45

Anions

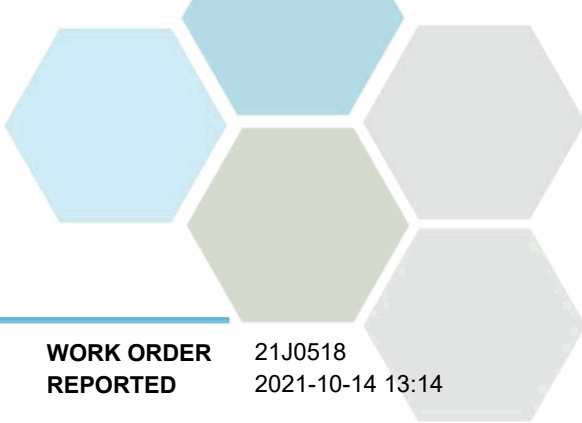
| | | | | | |
|----------------|---------|-----------|------------|------------|--|
| Chloride | 35.7 | AO ≤ 250 | 0.10 mg/L | 2021-10-07 | |
| Fluoride | 1.57 | MAC = 1.5 | 0.10 mg/L | 2021-10-07 | |
| Nitrate (as N) | < 0.010 | MAC = 10 | 0.010 mg/L | 2021-10-07 | |
| Nitrite (as N) | < 0.010 | MAC = 1 | 0.010 mg/L | 2021-10-07 | |
| Sulfate | 22.3 | AO ≤ 500 | 1.0 mg/L | 2021-10-07 | |

Calculated Parameters

| | | | | | |
|----------------------------|------|---------------|------------|------------|--|
| Hardness, Total (as CaCO3) | 85.2 | None Required | 0.500 mg/L | N/A | |
| Langelier Index | -0.7 | N/A | -5.0 | 2021-10-14 | |
| Solids, Total Dissolved | 164 | AO ≤ 500 | 1.00 mg/L | N/A | |

General Parameters

| | | | | | |
|--|-------|---------|-----------|------------|--|
| Alkalinity, Total (as CaCO3) | 74.1 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Phenolphthalein (as CaCO3) | < 1.0 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Bicarbonate (as CaCO3) | 74.1 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Carbonate (as CaCO3) | < 1.0 | N/A | 1.0 mg/L | 2021-10-06 | |
| Alkalinity, Hydroxide (as CaCO3) | < 1.0 | N/A | 1.0 mg/L | 2021-10-06 | |
| Colour, True | < 5.0 | AO ≤ 15 | 5.0 CU | 2021-10-07 | |
| Conductivity (EC) | 289 | N/A | 2.0 µS/cm | 2021-10-06 | |



TEST RESULTS

REPORTED TO PROJECT Dan Gare Drilling Analytical Testing

WORK ORDER REPORTED 21J0518
2021-10-14 13:14

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

62179 (21J0518-03) | Matrix: Water | Sampled: 2021-10-04 17:45, Continued

General Parameters, Continued

| | | | | | | |
|--------------------|-------------|-----------|--------|----------|------------|-----|
| Cyanide, Total | < 0.0020 | MAC = 0.2 | 0.0020 | mg/L | 2021-10-06 | |
| pH | 7.54 | 7.0-10.5 | 0.10 | pH units | 2021-10-06 | HT2 |
| Temperature, at pH | 22.0 | N/A | | °C | 2021-10-06 | HT2 |
| Turbidity | 3.01 | OG < 1 | 0.10 | NTU | 2021-10-06 | |

Microbiological Parameters

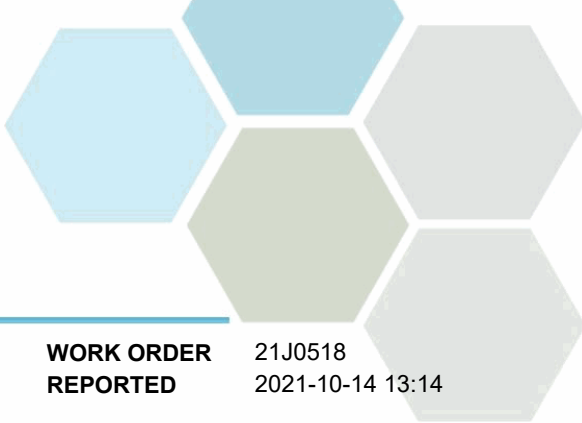
| | | | | | | |
|------------------|-----|---------|---|------------|------------|--|
| Coliforms, Total | < 1 | MAC = 0 | 1 | CFU/100 mL | 2021-10-05 | |
| E. coli | < 1 | MAC = 0 | 1 | CFU/100 mL | 2021-10-05 | |

Total Metals

| | | | | | | |
|-------------------|-----------------|---------------|----------|------|------------|--|
| Aluminum, total | 0.0265 | OG < 0.1 | 0.0050 | mg/L | 2021-10-11 | |
| Antimony, total | < 0.00020 | MAC = 0.006 | 0.00020 | mg/L | 2021-10-11 | |
| Arsenic, total | < 0.00050 | MAC = 0.01 | 0.00050 | mg/L | 2021-10-11 | |
| Barium, total | 0.0092 | MAC = 2 | 0.0050 | mg/L | 2021-10-11 | |
| Boron, total | < 0.0500 | MAC = 5 | 0.0500 | mg/L | 2021-10-12 | |
| Cadmium, total | 0.000039 | MAC = 0.005 | 0.000010 | mg/L | 2021-10-11 | |
| Calcium, total | 20.8 | None Required | 0.20 | mg/L | 2021-10-11 | |
| Chromium, total | < 0.00050 | MAC = 0.05 | 0.00050 | mg/L | 2021-10-11 | |
| Cobalt, total | 0.00040 | N/A | 0.00010 | mg/L | 2021-10-11 | |
| Copper, total | 0.00147 | MAC = 2 | 0.00040 | mg/L | 2021-10-11 | |
| Iron, total | 0.261 | AO ≤ 0.3 | 0.010 | mg/L | 2021-10-11 | |
| Lead, total | < 0.00020 | MAC = 0.005 | 0.00020 | mg/L | 2021-10-11 | |
| Magnesium, total | 8.07 | None Required | 0.010 | mg/L | 2021-10-11 | |
| Manganese, total | 0.860 | MAC = 0.12 | 0.00020 | mg/L | 2021-10-11 | |
| Mercury, total | < 0.000010 | MAC = 0.001 | 0.000010 | mg/L | 2021-10-13 | |
| Molybdenum, total | 0.00806 | N/A | 0.00010 | mg/L | 2021-10-11 | |
| Nickel, total | 0.00288 | N/A | 0.00040 | mg/L | 2021-10-11 | |
| Potassium, total | 1.73 | N/A | 0.10 | mg/L | 2021-10-11 | |
| Selenium, total | < 0.00050 | MAC = 0.05 | 0.00050 | mg/L | 2021-10-11 | |
| Sodium, total | 29.9 | AO ≤ 200 | 0.10 | mg/L | 2021-10-11 | |
| Strontium, total | 0.274 | 7 | 0.0010 | mg/L | 2021-10-11 | |
| Uranium, total | 0.00400 | MAC = 0.02 | 0.000020 | mg/L | 2021-10-11 | |
| Zinc, total | 0.0128 | AO ≤ 5 | 0.0040 | mg/L | 2021-10-11 | |

Sample Qualifiers:

- CT5 This sample has been incorrectly preserved for Mercury analysis
- HT2 The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.



APPENDIX 1: SUPPORTING INFORMATION

REPORTED TO PROJECT Dan Gare Drilling
Analytical Testing

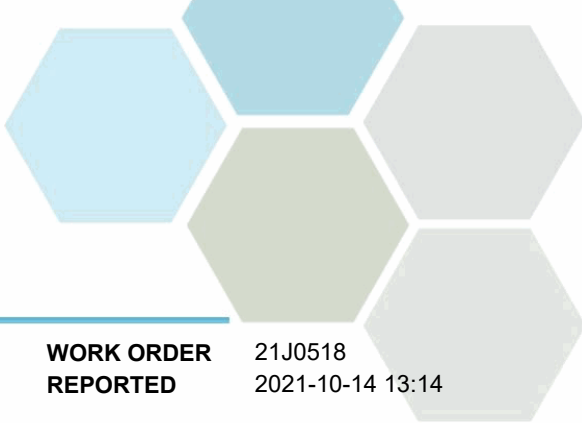
WORK ORDER REPORTED 21J0518
2021-10-14 13:14

| Analysis Description | Method Ref. | Technique | Accredited | Location |
|----------------------------------|-----------------------|--|------------|----------|
| Alkalinity in Water | SM 2320 B* (2017) | Titration with H2SO4 | ✓ | Kelowna |
| Anions in Water | SM 4110 B (2017) | Ion Chromatography | ✓ | Kelowna |
| Coliforms, Total in Water | SM 9222* (2017) | Membrane Filtration / Chromocult Agar | ✓ | Kelowna |
| Colour, True in Water | SM 2120 C (2017) | Spectrophotometry (456 nm) | ✓ | Kelowna |
| Conductivity in Water | SM 2510 B (2017) | 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* (2017) | Membrane Filtration / Chromocult Agar | ✓ | Kelowna |
| Hardness in Water | SM 2340 B* (2017) | Calculation: 2.497 [total Ca] + 4.118 [total Mg] (Est) | ✓ | N/A |
| Langelier Index in Water | SM 2330 B (2017) | Calculation | | N/A |
| Mercury, total in Water | EPA 245.7* | BrCl2 Oxidation / Cold Vapor Atomic Fluorescence Spectrometry (CVAFS) | ✓ | Richmond |
| pH in Water | SM 4500-H+ B (2017) | Electrometry | ✓ | Kelowna |
| Solids, Total Dissolved in Water | SM 1030 E (2017) | SM 1030 E (2011) | | N/A |
| Total Metals in Water | EPA 200.2 / EPA 6020B | HNO3+HCl Hot Block Digestion / Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS) | ✓ | Richmond |
| Turbidity in Water | SM 2130 B (2017) | 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 |
| °C | Degrees Celcius |
| AO | Aesthetic Objective |
| CFU/100 mL | Colony Forming Units per 100 millilitres |
| CU | Colour Units (referenced against a platinum cobalt standard) |
| 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 |



APPENDIX 1: SUPPORTING INFORMATION

REPORTED TO Dan Gare Drilling
PROJECT Analytical Testing

WORK ORDER 21J0518
REPORTED 2021-10-14 13:14

General Comments:

The results in this report apply to the 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. Samples will be disposed of 30 days after the test report has been issued or once samples expire, whichever comes first. Longer hold is possible if agreed to in writing. The quality control (QC) data is available upon request

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

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.