Site Location: BC

**Attention: Cheyenne Magee**

City of Prince George
Operations Yard
3990 18 Ave
Prince George, BC
Canada V2N 4R8

Your C.O.C. #: 08570177, DBB1, DBC0, DBA5, 4023E, 14C95

**Report Date: 2026/11/02**
Report #: R3848276
Version: 3 - Revision

# CERTIFICATE OF ANALYSIS – REVISED REPORT

**BUREAU VERITAS JOB #: C670990**
**Received: 2026/10/22, 11:50**

Sample Matrix: Water
# Samples Received: 1

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Analytical Method |
|---|---|---|---|---|---|
| Alkalinity @25C (pp, total), CO3,HCO3,OH | 1 | N/A | 2026/10/23 | BBY6SOP-00026 | SM 24 2320 B m |
| Chloride/Sulphate by Auto Colourimetry | 1 | N/A | 2026/10/23 | BBY6SOP-00011 / BBY6SOP-00017 | SM24-4500-Cl/SO4-E m |
| Conductivity @25C | 1 | N/A | 2026/10/23 | BBY6SOP-00026 | SM 24 2510 B m |
| Fluoride | 1 | N/A | 2026/10/22 | BBY6SOP-00037 | SM 24 4500-F C m |
| Fecal Coliform membrane filt - Potable W | 1 | N/A | 2026/10/22 | BBY4SOP-00001 | SM 24 9222 m |
| Hardness Total (calculated as CaCO3) (1) | 1 | N/A | 2026/10/29 | BBY WI-00033 | Auto Calc |
| Hardness (calculated as CaCO3) | 1 | N/A | 2026/10/27 | BBY WI-00033 | Auto Calc |
| Mercury (Dissolved) by CV (2) | 1 | 2026/10/28 | 2026/10/28 | BBY7SOP-00032 | BCMOE LMAug2023 C m |
| Mercury (Total) by CV | 1 | 2026/10/28 | 2026/10/28 | BBY7SOP-00032 | BCMOE LMAug2023 C m |
| Bromide as Bromine (Br) by ICPMS | 1 | N/A | 2026/10/28 | BBY7SOP-00002 | EPA 6020B R2 m |
| Na, K, Ca, Mg, S by CRC ICPMS (diss.) | 1 | N/A | 2026/10/27 | BBY WI-00033 | Auto Calc |
| Elements by CRC ICPMS (dissolved) (2) | 1 | N/A | 2026/10/25 | BBY7SOP-00002 | EPA 6020b R2 m |
| Na, K, Ca, Mg, S by CRC ICPMS (total) | 1 | N/A | 2026/10/29 | BBY WI-00033 | Auto Calc |
| Elements by CRC ICPMS (total) | 1 | N/A | 2026/10/28 | BBY7SOP-00003 / BBY7SOP-00002 | EPA 6020b R2 m |
| Nitrogen (Total) | 1 | N/A | 2026/10/27 | BBY6SOP-00016 | SM 24 4500-N C m |
| Ammonia-N (Total) | 1 | N/A | 2026/10/23 | AB SOP-00007 | SM 24 4500 NH3 A G m |
| Nitrate + Nitrite (N) | 1 | N/A | 2026/10/23 | BBY6SOP-00010 | SM 24 4500-NO3- H m |
| Nitrite (N) Regular Level Water | 1 | N/A | 2026/10/23 | BBY6SOP-00010 | SM 24 4500-NO2- m |
| Nitrogen - Nitrate (as N) | 1 | N/A | 2026/10/24 | BBY WI-00033 | Auto Calc |
| pH @25°C (3) | 1 | N/A | 2026/10/23 | BBY6SOP-00026 | SM 24 4500-H+ B m |
| Orthophosphate by Automated Analyzer (4) | 1 | N/A | 2026/10/23 | BBY6SOP-00013 | SM 24 4500-P E m |
| Tot Coliform/E.Coli by MF-Chromocult(PW) | 1 | N/A | 2026/10/22 | BBY4SOP-00143 | Merck KGaA Version 1 |
| Total Trihalomethanes Calculation | 1 | N/A | 2026/10/26 | BBY WI-00033 | Auto Calc |
| Total Kjeldahl Nitrogen (Total) | 1 | N/A | 2026/10/27 | BBY WI-00033 | Auto Calc |
| Carbon (Total Organic) (5) | 1 | N/A | 2026/10/26 | BBY6SOP-00053 | SM 24 5310 B m |
| Total Suspended Solids (NFR) | 1 | 2026/10/26 | 2026/10/27 | BBY6SOP-00034 | SM 24 2540 D m |



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Site Location: BC

**Attention: Cheyenne Magee**

City of Prince George
Operations Yard
3990 18 Ave
Prince George, BC
Canada V2N 4R8

Your C.O.C. #: 08570177, DBB1, DBC0, DBA5, 4023E, 14C95

**Report Date: 2026/11/02**
Report #: R3848276
Version: 3 - Revision

# CERTIFICATE OF ANALYSIS – REVISED REPORT

**BUREAU VERITAS JOB #: C670990**
**Received: 2026/10/22, 11:50**

Sample Matrix: Water
# Samples Received: 1

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Analytical Method |
|---|---|---|---|---|---|
| Turbidity | 1 | N/A | 2026/10/22 | BBY6SOP-00027 | SM 24 2130 B m |
| VOCs, VH, F1, LH in Water by HS GC/MS | 1 | N/A | 2026/10/24 | BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012 | BCMOE BCLM Jul2017 m |

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(2) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(3) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.


Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Site Location: BC

**Attention: Cheyenne Magee**

City of Prince George
Operations Yard
3990 18 Ave
Prince George, BC
Canada V2N 4R8

Your C.O.C. #: 08570177, DBB1, DBC0, DBA5, 4023E, 14C95

**Report Date: 2026/11/02**
Report #: R3848276
Version: 3 - Revision

# CERTIFICATE OF ANALYSIS – REVISED REPORT

**BUREAU VERITAS JOB #: C670990**

**Received: 2026/10/22, 11:50**

(4) Orthophosphate > Total Phosphorus Imbalance: When applicable, Orthophosphate, Total Phosphorus and dissolved Phosphorus results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) TOC present in the sample should be considered as non-purgeable TOC.

Encryption Key



Morgan Melnychuk
Project Manager 1
02 Nov 2026 14:26:51

Please direct all questions regarding this Certificate of Analysis to:
Morgan Melnychuk, Project Manager 1
Email: Morgan.MELNYCHUK@bureauveritas.com
Phone# (778)877-1390 Ext:8034

==========

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Job #: C670990
Report Date: 2026/11/02

City of Prince George
Site Location: BC
Sampler Initials: KS

## RESULTS OF CHEMICAL ANALYSES OF WATER

| Bureau Veritas ID | | EPK747 | | |
|---|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | | |
| COC Number | | DBC0 | | |
| | UNITS | PW605 (WTX DBC0) | RDL | QC Batch |
| **ANIONS** | | | | |
| Nitrite (N) | mg/L | ND | 0.0050 | C455808 |
| **Calculated Parameters** | | | | |
| Nitrate (N) | mg/L | 0.131 | 0.020 | C453921 |
| Total Total Kjeldahl Nitrogen (Calc) | mg/L | 0.040 | 0.020 | C453870 |
| **Misc. Inorganics** | | | | |
| Conductivity | uS/cm | 220 | 2.0 | C455814 |
| pH | pH | 7.53 | N/A | C455804 |
| Total Organic Carbon (C) | mg/L | 1.9 | 0.50 | C458543 |
| Total Suspended Solids | mg/L | ND | 1.0 | C458659 |
| **Anions** | | | | |
| Alkalinity (PP as CaCO3) | mg/L | ND | 1.0 | C455812 |
| Alkalinity (Total as CaCO3) | mg/L | 87 | 1.0 | C455812 |
| Bicarbonate (HCO3) | mg/L | 110 | 1.0 | C455812 |
| Carbonate (CO3) | mg/L | ND | 1.0 | C455812 |
| Fluoride (F) | mg/L | ND | 0.050 | C454948 |
| Hydroxide (OH) | mg/L | ND | 1.0 | C455812 |
| Chloride (Cl) | mg/L | 8.9 | 1.0 | C455418 |
| Sulphate (SO4) | mg/L | 7.0 | 1.0 | C455418 |
| **Nutrients** | | | | |
| Total Ammonia (N) | mg/L | ND | 0.015 | C456198 |
| Orthophosphate (P) | mg/L | 0.0039 | 0.0030 | C456092 |
| Nitrate plus Nitrite (N) | mg/L | 0.131 | 0.020 | C455802 |
| Total Nitrogen (N) | mg/L | 0.171 | 0.020 | C457740 |
| **Physical Properties** | | | | |
| Turbidity | NTU | 0.39 | 0.10 | C454740 |

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C670990
Report Date: 2026/11/02

City of Prince George
Site Location: BC
Sampler Initials: KS

## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | EPK747 | | |
|---|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | | |
| COC Number | | DBC0 | | |
| | UNITS | PW605 (WTX DBC0) | RDL | QC Batch |
| **ANIONS** | | | | |
| Bromide (Br) | mg/L | 0.130 | 0.010 | C461034 |
| RDL = Reportable Detection Limit | | | | |



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C670990
Report Date: 2026/11/02

City of Prince George
Site Location: BC
Sampler Initials: KS

## MICROBIOLOGY (WATER)

| Bureau Veritas ID | | EPK747 | |
|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | |
| COC Number | | DBC0 | |
| | UNITS | PW605 (WTX DBC0) | QC Batch |
| **Microbiological Param.** | | | |
| Fecal Coliforms | CFU/100mL | 0 | C454644 |
| Total Coliforms | CFU/100mL | 0 | C454647 |
| E. coli | CFU/100mL | 0 | C454647 |



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## TOT. METALS W/ CV HG FOR DRINKING WATER (WATER)

| Bureau Veritas ID | | EPK747 | | |
|---|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | | |
| COC Number | | DBC0 | | |
| | UNITS | PW605 (WTX DBC0) | RDL | QC Batch |
| **Calculated Parameters** | | | | |
| Total Hardness (CaCO3) | mg/L | 87.9 | 0.50 | C453852 |
| **Elements** | | | | |
| Total Mercury (Hg) | ug/L | 0.0039 | 0.0019 | C461429 |
| **Total Metals by ICPMS** | | | | |
| Total Aluminum (Al) | ug/L | ND | 3.0 | C459336 |
| Total Antimony (Sb) | ug/L | ND | 0.50 | C459336 |
| Total Arsenic (As) | ug/L | 0.33 | 0.10 | C459336 |
| Total Barium (Ba) | ug/L | 18.8 | 1.0 | C459336 |
| Total Beryllium (Be) | ug/L | ND | 0.10 | C459336 |
| Total Bismuth (Bi) | ug/L | ND | 1.0 | C459336 |
| Total Boron (B) | ug/L | ND | 50 | C459336 |
| Total Cadmium (Cd) | ug/L | 0.015 | 0.010 | C459336 |
| Total Chromium (Cr) | ug/L | ND | 1.0 | C459336 |
| Total Cobalt (Co) | ug/L | ND | 0.20 | C459336 |
| Total Copper (Cu) | ug/L | 23.0 | 0.20 | C459336 |
| Total Iron (Fe) | ug/L | 18.1 | 5.0 | C459336 |
| Total Lead (Pb) | ug/L | ND | 0.20 | C459336 |
| Total Manganese (Mn) | ug/L | 28.3 | 1.0 | C459336 |
| Total Molybdenum (Mo) | ug/L | 1.8 | 1.0 | C459336 |
| Total Nickel (Ni) | ug/L | TR | 1.0 | C459336 |
| Total Selenium (Se) | ug/L | 0.68 | 0.10 | C459336 |
| Total Silicon (Si) | ug/L | 5380 | 100 | C459336 |
| Total Silver (Ag) | ug/L | ND | 0.020 | C459336 |
| Total Strontium (Sr) | ug/L | 109 | 1.0 | C459336 |
| Total Thallium (Tl) | ug/L | TR | 0.010 | C459336 |
| Total Tin (Sn) | ug/L | ND | 5.0 | C459336 |
| Total Titanium (Ti) | ug/L | ND | 5.0 | C459336 |
| Total Uranium (U) | ug/L | 0.21 | 0.10 | C459336 |
| Total Vanadium (V) | ug/L | ND | 5.0 | C459336 |

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
TR = Trace amount detected (MDL > TR > 1/5 MDL)



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## TOT. METALS W/ CV HG FOR DRINKING WATER (WATER)

| Bureau Veritas ID | | EPK747 | | |
|---|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | | |
| COC Number | | DBC0 | | |
| | UNITS | PW605 (WTX DBC0) | RDL | QC Batch |
| Total Zinc (Zn) | ug/L | ND | 5.0 | C459336 |
| Total Zirconium (Zr) | ug/L | ND | 0.10 | C459336 |
| Total Calcium (Ca) | mg/L | 23.1 | 0.050 | C453920 |
| Total Magnesium (Mg) | mg/L | 7.32 | 0.050 | C453920 |
| Total Potassium (K) | mg/L | 1.16 | 0.050 | C453920 |
| Total Sodium (Na) | mg/L | 7.83 | 0.050 | C453920 |
| Total Sulphur (S) | mg/L | ND | 3.0 | C453920 |

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## CSR/CCME D. METALS W/ CV HG-DISS (WATER)

| Bureau Veritas ID | | EPK747 | | |
|---|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | | |
| COC Number | | DBC0 | | |
| | UNITS | PW605 (WTX DBC0) | RDL | QC Batch |
| **Calculated Parameters** | | | | |
| Dissolved Hardness (CaCO3) | mg/L | 84.2 | 0.50 | C453808 |
| **Elements** | | | | |
| Dissolved Mercury (Hg) | ug/L | 0.0038 (1) | 0.0019 | C461698 |
| **Dissolved Metals by ICPMS** | | | | |
| Dissolved Aluminum (Al) | ug/L | ND | 3.0 | C456064 |
| Dissolved Antimony (Sb) | ug/L | ND | 0.50 | C456064 |
| Dissolved Arsenic (As) | ug/L | 0.33 | 0.10 | C456064 |
| Dissolved Barium (Ba) | ug/L | 18.7 | 1.0 | C456064 |
| Dissolved Beryllium (Be) | ug/L | ND | 0.10 | C456064 |
| Dissolved Bismuth (Bi) | ug/L | ND | 1.0 | C456064 |
| Dissolved Boron (B) | ug/L | ND | 50 | C456064 |
| Dissolved Cadmium (Cd) | ug/L | 0.018 | 0.010 | C456064 |
| Dissolved Chromium (Cr) | ug/L | ND | 1.0 | C456064 |
| Dissolved Cobalt (Co) | ug/L | ND | 0.20 | C456064 |
| Dissolved Copper (Cu) | ug/L | 20.9 | 0.20 | C456064 |
| Dissolved Iron (Fe) | ug/L | 13.2 | 5.0 | C456064 |
| Dissolved Lead (Pb) | ug/L | ND | 0.20 | C456064 |
| Dissolved Lithium (Li) | ug/L | ND | 2.0 | C456064 |
| Dissolved Manganese (Mn) | ug/L | 23.7 | 1.0 | C456064 |
| Dissolved Molybdenum (Mo) | ug/L | 1.8 | 1.0 | C456064 |
| Dissolved Nickel (Ni) | ug/L | TR | 1.0 | C456064 |
| Dissolved Selenium (Se) | ug/L | 0.68 | 0.10 | C456064 |
| Dissolved Silicon (Si) | ug/L | 5240 | 100 | C456064 |
| Dissolved Silver (Ag) | ug/L | ND | 0.020 | C456064 |
| Dissolved Strontium (Sr) | ug/L | 114 | 1.0 | C456064 |
| Dissolved Thallium (Tl) | ug/L | TR | 0.010 | C456064 |
| Dissolved Tin (Sn) | ug/L | ND | 5.0 | C456064 |

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

TR = Trace amount detected (MDL > TR > 1/5 MDL)

(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## CSR/CCME D. METALS W/ CV HG-DISS (WATER)

| Bureau Veritas ID | | EPK747 | | |
|---|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | | |
| COC Number | | DBC0 | | |
| | UNITS | PW605 (WTX DBC0) | RDL | QC Batch |
| Dissolved Titanium (Ti) | ug/L | ND | 5.0 | C456064 |
| Dissolved Uranium (U) | ug/L | 0.19 | 0.10 | C456064 |
| Dissolved Vanadium (V) | ug/L | ND | 5.0 | C456064 |
| Dissolved Zinc (Zn) | ug/L | ND | 5.0 | C456064 |
| Dissolved Zirconium (Zr) | ug/L | ND | 0.10 | C456064 |
| Dissolved Calcium (Ca) | mg/L | 22.3 | 0.050 | C454208 |
| Dissolved Magnesium (Mg) | mg/L | 6.93 | 0.050 | C454208 |
| Dissolved Potassium (K) | mg/L | 1.16 | 0.050 | C454208 |
| Dissolved Sodium (Na) | mg/L | 7.40 | 0.050 | C454208 |
| Dissolved Sulphur (S) | mg/L | ND | 3.0 | C454208 |

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C670990
Report Date: 2026/11/02

City of Prince George
Site Location: BC
Sampler Initials: KS

## TRIHALOMETHANES (THM) IN WATER

| Bureau Veritas ID | | EPK747 | | |
|---|---|---|---|---|
| Sampling Date | | 2026/10/21 12:10 | | |
| COC Number | | DBC0 | | |
| | UNITS | PW605 (WTX DBC0) | RDL | QC Batch |
| **Volatiles** | | | | |
| Total Trihalomethanes | ug/L | 30 | 1.0 | C454665 |
| Bromodichloromethane | ug/L | 2.1 | 0.10 | C455773 |
| Bromoform | ug/L | ND | 1.0 | C455773 |
| Dibromochloromethane | ug/L | ND | 1.0 | C455773 |
| Chloroform | ug/L | 28 | 1.0 | C455773 |
| **Surrogate Recovery (%)** | | | | |
| 1,4-Difluorobenzene (sur.) | % | 103 | | C455773 |
| 4-Bromofluorobenzene (sur.) | % | 92 | | C455773 |
| D4-1,2-Dichloroethane (sur.) | % | 106 | | C455773 |

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## GENERAL COMMENTS

Version #2: Report reissued to include PW601 only.

Version #3: Report reissued to include PW605 only.

**Results relate only to the items tested.**



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C670990
Report Date: 2026/11/02

## QUALITY ASSURANCE REPORT

City of Prince George
Site Location: BC
Sampler Initials: KS

| | | | Matrix Spike | | Spiked Blank | | Method Blank | | RPD | |
|---|---|---|---|---|---|---|---|---|---|---|
| QC Batch | Parameter | Date | % Recovery | QC Limits | % Recovery | QC Limits | Value | UNITS | Value (%) | QC Limits |
| C455773 | 1,4-Difluorobenzene (sur.) | 2026/10/24 | 99 | 50 - 140 | 99 | 50 - 140 | 103 | % | | |
| C455773 | 4-Bromofluorobenzene (sur.) | 2026/10/24 | 110 | 50 - 140 | 108 | 50 - 140 | 94 | % | | |
| C455773 | D4-1,2-Dichloroethane (sur.) | 2026/10/24 | 103 | 50 - 140 | 99 | 50 - 140 | 97 | % | | |
| C454740 | Turbidity | 2026/10/22 | | | 103 | 80 - 120 | TR, RDL=0.10 | NTU | 4.3 | 20 |
| C454948 | Dissolved Fluoride (F) | 2026/10/22 | 95 | 80 - 120 | 97 | 80 - 120 | ND, RDL=0.050 | mg/L | | |
| C454948 | Fluoride (F) | 2026/10/22 | | | | | | | NC | 20 |
| C455418 | Chloride (Cl) | 2026/10/23 | NC | 80 - 120 | 104 | 80 - 120 | ND, RDL=1.0 | mg/L | 0.47 | 20 |
| C455418 | Sulphate (SO4) | 2026/10/23 | NC | 80 - 120 | 99 | 80 - 120 | ND, RDL=1.0 | mg/L | 1.6 | 20 |
| C455773 | Bromodichloromethane | 2026/10/24 | 100 | 50 - 140 | 99 | 60 - 130 | ND, RDL=0.10 | ug/L | NC | 30 |
| C455773 | Bromoform | 2026/10/24 | 98 | 50 - 140 | 99 | 60 - 130 | ND, RDL=1.0 | ug/L | NC | 30 |
| C455773 | Chloroform | 2026/10/24 | 101 | 50 - 140 | 100 | 60 - 130 | ND, RDL=1.0 | ug/L | NC | 30 |
| C455773 | Dibromochloromethane | 2026/10/24 | 96 | 50 - 140 | 97 | 60 - 130 | ND, RDL=1.0 | ug/L | NC | 30 |
| C455802 | Nitrate plus Nitrite (N) | 2026/10/23 | 111 | 80 - 120 | 109 | 80 - 120 | ND, RDL=0.020 | mg/L | 4.8 | 20 |
| C455804 | pH | 2026/10/23 | | | 100 | 97 - 103 | | | 0.046 | N/A |
| C455808 | Nitrite (N) | 2026/10/23 | 103 | 80 - 120 | 102 | 80 - 120 | ND, RDL=0.0050 | mg/L | NC | 20 |
| C455812 | Alkalinity (PP as CaCO3) | 2026/10/23 | | | | | ND, RDL=1.0 | mg/L | NC | 20 |
| C455812 | Alkalinity (Total as CaCO3) | 2026/10/23 | | | 91 | 80 - 120 | ND, RDL=1.0 | mg/L | 0.50 | 20 |
| C455812 | Bicarbonate (HCO3) | 2026/10/23 | | | | | ND, RDL=1.0 | mg/L | 0.50 | 20 |
| C455812 | Carbonate (CO3) | 2026/10/23 | | | | | ND, RDL=1.0 | mg/L | NC | 20 |
| C455812 | Hydroxide (OH) | 2026/10/23 | | | | | ND, RDL=1.0 | mg/L | NC | 20 |
| C455814 | Conductivity | 2026/10/23 | | | 103 | 90 - 110 | ND, RDL=2.0 | uS/cm | 0.54 | 10 |
| C456064 | Dissolved Aluminum (Al) | 2026/10/25 | 94 | 80 - 120 | 107 | 80 - 120 | ND, RDL=3.0 | ug/L | 2.1 | 20 |
| C456064 | Dissolved Antimony (Sb) | 2026/10/25 | 101 | 80 - 120 | 114 | 80 - 120 | ND, RDL=0.50 | ug/L | NC | 20 |
| C456064 | Dissolved Arsenic (As) | 2026/10/25 | 111 | 80 - 120 | 113 | 80 - 120 | ND, RDL=0.10 | ug/L | 2.8 | 20 |
| C456064 | Dissolved Barium (Ba) | 2026/10/25 | NC | 80 - 120 | 111 | 80 - 120 | ND, RDL=1.0 | ug/L | 2.3 | 20 |
| C456064 | Dissolved Beryllium (Be) | 2026/10/25 | 101 | 80 - 120 | 111 | 80 - 120 | ND, RDL=0.10 | ug/L | NC | 20 |
| C456064 | Dissolved Bismuth (Bi) | 2026/10/25 | 91 | 80 - 120 | 108 | 80 - 120 | ND, RDL=1.0 | ug/L | NC | 20 |
| C456064 | Dissolved Boron (B) | 2026/10/25 | 102 | 80 - 120 | 111 | 80 - 120 | ND, RDL=50 | ug/L | NC | 20 |
| C456064 | Dissolved Cadmium (Cd) | 2026/10/25 | 100 | 80 - 120 | 110 | 80 - 120 | ND, RDL=0.010 | ug/L | NC | 20 |
| C456064 | Dissolved Chromium (Cr) | 2026/10/25 | 96 | 80 - 120 | 109 | 80 - 120 | ND, RDL=1.0 | ug/L | NC | 20 |
| C456064 | Dissolved Cobalt (Co) | 2026/10/25 | 91 | 80 - 120 | 104 | 80 - 120 | ND, RDL=0.20 | ug/L | NC | 20 |
| C456064 | Dissolved Copper (Cu) | 2026/10/25 | 87 | 80 - 120 | 105 | 80 - 120 | ND, RDL=0.20 | ug/L | NC | 20 |
| C456064 | Dissolved Iron (Fe) | 2026/10/25 | NC | 80 - 120 | 108 | 80 - 120 | ND, RDL=5.0 | ug/L | 1.3 | 20 |



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## QUALITY ASSURANCE REPORT(CONT'D)



| | | | Matrix Spike | | Spiked Blank | | Method Blank | | RPD | |
|---|---|---|---|---|---|---|---|---|---|---|
| QC Batch | Parameter | Date | % Recovery | QC Limits | % Recovery | QC Limits | Value | UNITS | Value (%) | QC Limits |
| C456064 | Dissolved Lead (Pb) | 2026/10/25 | 99 | 80 - 120 | 110 | 80 - 120 | ND, RDL=0.20 | ug/L | NC | 20 |
| C456064 | Dissolved Lithium (Li) | 2026/10/25 | 96 | 80 - 120 | 106 | 80 - 120 | ND, RDL=2.0 | ug/L | NC | 20 |
| C456064 | Dissolved Manganese (Mn) | 2026/10/25 | NC | 80 - 120 | 107 | 80 - 120 | ND, RDL=1.0 | ug/L | 4.9 | 20 |
| C456064 | Dissolved Molybdenum (Mo) | 2026/10/25 | 109 | 80 - 120 | 116 | 80 - 120 | ND, RDL=1.0 | ug/L | NC | 20 |
| C456064 | Dissolved Nickel (Ni) | 2026/10/25 | 91 | 80 - 120 | 106 | 80 - 120 | ND, RDL=1.0 | ug/L | NC | 20 |
| C456064 | Dissolved Selenium (Se) | 2026/10/25 | 107 | 80 - 120 | 110 | 80 - 120 | ND, RDL=0.10 | ug/L | NC | 20 |
| C456064 | Dissolved Silicon (Si) | 2026/10/25 | NC | 80 - 120 | 124 (1) | 80 - 120 | ND, RDL=100 | ug/L | 0.13 | 20 |
| C456064 | Dissolved Silver (Ag) | 2026/10/25 | 91 | 80 - 120 | 109 | 80 - 120 | ND, RDL=0.020 | ug/L | NC | 20 |
| C456064 | Dissolved Strontium (Sr) | 2026/10/25 | NC | 80 - 120 | 109 | 80 - 120 | ND, RDL=1.0 | ug/L | 1.1 | 20 |
| C456064 | Dissolved Thallium (Tl) | 2026/10/25 | 100 | 80 - 120 | 110 | 80 - 120 | ND, RDL=0.010 | ug/L | NC | 20 |
| C456064 | Dissolved Tin (Sn) | 2026/10/25 | 99 | 80 - 120 | 112 | 80 - 120 | ND, RDL=5.0 | ug/L | NC | 20 |
| C456064 | Dissolved Titanium (Ti) | 2026/10/25 | 100 | 80 - 120 | 113 | 80 - 120 | ND, RDL=5.0 | ug/L | NC | 20 |
| C456064 | Dissolved Uranium (U) | 2026/10/25 | 104 | 80 - 120 | 114 | 80 - 120 | ND, RDL=0.10 | ug/L | NC | 20 |
| C456064 | Dissolved Vanadium (V) | 2026/10/25 | 98 | 80 - 120 | 109 | 80 - 120 | ND, RDL=5.0 | ug/L | NC | 20 |
| C456064 | Dissolved Zinc (Zn) | 2026/10/25 | 92 | 80 - 120 | 113 | 80 - 120 | ND, RDL=5.0 | ug/L | NC | 20 |
| C456064 | Dissolved Zirconium (Zr) | 2026/10/25 | 105 | 80 - 120 | 112 | 80 - 120 | ND, RDL=0.10 | ug/L | NC | 20 |
| C456092 | Orthophosphate (P) | 2026/10/23 | 93 | 80 - 120 | 98 | 80 - 120 | ND, RDL=0.0030 | mg/L | NC | 20 |
| C456198 | Total Ammonia (N) | 2026/10/23 | 97 | 80 - 120 | 104 | 80 - 120 | ND, RDL=0.015 | mg/L | 12 | 20 |
| C457740 | Total Nitrogen (N) | 2026/10/27 | 99 | 80 - 120 | 103 | 80 - 120 | ND, RDL=0.020 | mg/L | 0.19 | 20 |
| C458543 | Total Organic Carbon (C) | 2026/10/26 | 105 | 80 - 120 | 100 | 80 - 120 | ND, RDL=0.50 | mg/L | 3.6 | 20 |
| C458659 | Total Suspended Solids | 2026/10/27 | 99 | 80 - 120 | 101 | 80 - 120 | ND, RDL=1.0 | mg/L | NC | 20 |
| C459336 | Total Aluminum (Al) | 2026/10/28 | 98 | 80 - 120 | 102 | 80 - 120 | ND, RDL=3.0 | ug/L | 14 | 20 |
| C459336 | Total Antimony (Sb) | 2026/10/28 | 104 | 80 - 120 | 104 | 80 - 120 | ND, RDL=0.50 | ug/L | NC | 20 |
| C459336 | Total Arsenic (As) | 2026/10/28 | 105 | 80 - 120 | 103 | 80 - 120 | ND, RDL=0.10 | ug/L | NC | 20 |
| C459336 | Total Barium (Ba) | 2026/10/28 | 99 | 80 - 120 | 100 | 80 - 120 | ND, RDL=1.0 | ug/L | 3.7 | 20 |
| C459336 | Total Beryllium (Be) | 2026/10/28 | 105 | 80 - 120 | 108 | 80 - 120 | ND, RDL=0.10 | ug/L | | |
| C459336 | Total Bismuth (Bi) | 2026/10/28 | 95 | 80 - 120 | 101 | 80 - 120 | ND, RDL=1.0 | ug/L | | |
| C459336 | Total Boron (B) | 2026/10/28 | 104 | 80 - 120 | 106 | 80 - 120 | ND, RDL=50 | ug/L | NC | 20 |
| C459336 | Total Cadmium (Cd) | 2026/10/28 | 101 | 80 - 120 | 103 | 80 - 120 | ND, RDL=0.010 | ug/L | 4.7 | 20 |
| C459336 | Total Chromium (Cr) | 2026/10/28 | 97 | 80 - 120 | 104 | 80 - 120 | ND, RDL=1.0 | ug/L | NC | 20 |
| C459336 | Total Cobalt (Co) | 2026/10/28 | 94 | 80 - 120 | 99 | 80 - 120 | ND, RDL=0.20 | ug/L | NC | 20 |
| C459336 | Total Copper (Cu) | 2026/10/28 | 95 | 80 - 120 | 101 | 80 - 120 | ND, RDL=0.20 | ug/L | 0.21 | 20 |
| C459336 | Total Iron (Fe) | 2026/10/28 | 98 | 80 - 120 | 102 | 80 - 120 | ND, RDL=5.0 | ug/L | 0.76 | 20 |



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## QUALITY ASSURANCE REPORT(CONT'D)



| | | | Matrix Spike | | Spiked Blank | | Method Blank | | RPD | |
|---|---|---|---|---|---|---|---|---|---|---|
| QC Batch | Parameter | Date | % Recovery | QC Limits | % Recovery | QC Limits | Value | UNITS | Value (%) | QC Limits |
| C459336 | Total Lead (Pb) | 2026/10/28 | 98 | 80 - 120 | 102 | 80 - 120 | ND, RDL=0.20 | ug/L | NC | 20 |
| C459336 | Total Manganese (Mn) | 2026/10/28 | 96 | 80 - 120 | 100 | 80 - 120 | ND, RDL=1.0 | ug/L | 3.7 | 20 |
| C459336 | Total Molybdenum (Mo) | 2026/10/28 | 107 | 80 - 120 | 108 | 80 - 120 | ND, RDL=1.0 | ug/L | NC | 20 |
| C459336 | Total Nickel (Ni) | 2026/10/28 | 96 | 80 - 120 | 102 | 80 - 120 | ND, RDL=1.0 | ug/L | NC | 20 |
| C459336 | Total Selenium (Se) | 2026/10/28 | 106 | 80 - 120 | 106 | 80 - 120 | ND, RDL=0.10 | ug/L | NC | 20 |
| C459336 | Total Silicon (Si) | 2026/10/28 | 112 | 80 - 120 | 115 | 80 - 120 | ND, RDL=100 | ug/L | | |
| C459336 | Total Silver (Ag) | 2026/10/28 | 99 | 80 - 120 | 101 | 80 - 120 | ND, RDL=0.020 | ug/L | NC | 20 |
| C459336 | Total Strontium (Sr) | 2026/10/28 | NC | 80 - 120 | 101 | 80 - 120 | ND, RDL=1.0 | ug/L | 0.032 | 20 |
| C459336 | Total Thallium (Tl) | 2026/10/28 | 98 | 80 - 120 | 101 | 80 - 120 | ND, RDL=0.010 | ug/L | | |
| C459336 | Total Tin (Sn) | 2026/10/28 | 105 | 80 - 120 | 102 | 80 - 120 | ND, RDL=5.0 | ug/L | | |
| C459336 | Total Titanium (Ti) | 2026/10/28 | 98 | 80 - 120 | 107 | 80 - 120 | ND, RDL=5.0 | ug/L | | |
| C459336 | Total Uranium (U) | 2026/10/28 | 104 | 80 - 120 | 107 | 80 - 120 | ND, RDL=0.10 | ug/L | NC | 20 |
| C459336 | Total Vanadium (V) | 2026/10/28 | 101 | 80 - 120 | 102 | 80 - 120 | ND, RDL=5.0 | ug/L | NC | 20 |
| C459336 | Total Zinc (Zn) | 2026/10/28 | 100 | 80 - 120 | 103 | 80 - 120 | ND, RDL=5.0 | ug/L | NC | 20 |
| C459336 | Total Zirconium (Zr) | 2026/10/28 | 105 | 80 - 120 | 101 | 80 - 120 | ND, RDL=0.10 | ug/L | | |
| C461034 | Bromide (Br) | 2026/10/28 | 118 | 78 - 120 | 108 | 80 - 120 | ND, RDL=0.010 | mg/L | 3.4 | 20 |
| C461429 | Total Mercury (Hg) | 2026/10/28 | 36 (1) | 80 - 120 | 90 | 80 - 120 | ND, RDL=0.0019 | ug/L | NC | 20 |
| C461698 | Dissolved Mercury (Hg) | 2026/10/28 | 108 | 80 - 120 | 102 | 80 - 120 | ND, RDL=0.0019 | ug/L | NC | 20 |

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C670990
Report Date: 2026/11/02

City of Prince George
Site Location: BC
Sampler Initials: KS

## VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Mauro Oselin, P.Chem., QP, Scientific Specialist

Bureau Veritas Certified by David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386