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 #: R3848274
Version: 2 - 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	2026/10/26	2026/10/26	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	2026/10/23	2026/10/26	BBY6SOP-00034	SM 24 2540 D m

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

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Report Date: 2026/11/02
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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.

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(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 14:21:33

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

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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		EPK746		
Sampling Date		2026/10/21 10:30		
COC Number		DBB1		
	UNITS	PW601 (WTX DBB1)	RDL	QC Batch
ANIONS				
Nitrite (N)	mg/L	ND	0.0050	C455808
Calculated Parameters				
Nitrate (N)	mg/L	0.216	0.020	C453921
Total Total Kjeldahl Nitrogen (Calc)	mg/L	0.027	0.020	C453870
Misc. Inorganics				
Conductivity	uS/cm	310	2.0	C455814
pH	pH	7.75	N/A	C455804
Total Organic Carbon (C)	mg/L	1.1	0.50	C458214
Total Suspended Solids	mg/L	ND	1.0	C455372
Anions				
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C455812
Alkalinity (Total as CaCO3)	mg/L	130	1.0	C455812
Bicarbonate (HCO3)	mg/L	160	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	7.6	1.0	C455418
Sulphate (SO4)	mg/L	11	1.0	C455418
Nutrients				
Total Ammonia (N)	mg/L	ND	0.015	C456198
Orthophosphate (P)	mg/L	0.0045	0.0030	C456092
Nitrate plus Nitrite (N)	mg/L	0.216	0.020	C455802
Total Nitrogen (N)	mg/L	0.243	0.020	C457740
Physical Properties				
Turbidity	NTU	TR	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
TR = Trace amount detected (MDL > TR > 1/5 MDL)

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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		EPK746		
Sampling Date		2026/10/21 10:30		
COC Number		DBB1		
	UNITS	**PW601 (WTX DBB1)**	**RDL**	**QC Batch**
ANIONS				
Bromide (Br)	mg/L	0.012	0.010	C461034
RDL = Reportable Detection Limit				

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

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

MICROBIOLOGY (WATER)

Bureau Veritas ID		EPK746	
Sampling Date		2026/10/21 10:30	
COC Number		DBB1	
	UNITS	PW601 (WTX DBB1)	QC Batch
Microbiological Param.			
Fecal Coliforms	CFU/100mL	0	C454644
Total Coliforms	CFU/100mL	0	C454647
E. coli	CFU/100mL	0	C454647

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

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

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

Bureau Veritas ID		EPK746		
Sampling Date		2026/10/21 10:30		
COC Number		DBB1		
	UNITS	PW601 (WTX DBB1)	RDL	QC Batch
Calculated Parameters				
Total Hardness (CaCO3)	mg/L	140	0.50	C453852
Elements				
Total Mercury (Hg)	ug/L	TR	0.0019	C458213
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	TR	3.0	C459336
Total Antimony (Sb)	ug/L	ND	0.50	C459336
Total Arsenic (As)	ug/L	0.50	0.10	C459336
Total Barium (Ba)	ug/L	23.7	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	0.013	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	1.52	0.20	C459336
Total Iron (Fe)	ug/L	ND	5.0	C459336
Total Lead (Pb)	ug/L	ND	0.20	C459336
Total Manganese (Mn)	ug/L	11.3	1.0	C459336
Total Molybdenum (Mo)	ug/L	1.5	1.0	C459336
Total Nickel (Ni)	ug/L	TR	1.0	C459336
Total Selenium (Se)	ug/L	1.62	0.10	C459336
Total Silicon (Si)	ug/L	6620	100	C459336
Total Silver (Ag)	ug/L	ND	0.020	C459336
Total Strontium (Sr)	ug/L	172	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	0.40	0.10	C459336
Total Vanadium (V)	ug/L	ND	5.0	C459336

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

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

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

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

Bureau Veritas ID		EPK746		
Sampling Date		2026/10/21 10:30		
COC Number		DBB1		
	UNITS	PW601 (WTX DBB1)	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	38.3	0.050	C453920
Total Magnesium (Mg)	mg/L	10.8	0.050	C453920
Total Potassium (K)	mg/L	1.45	0.050	C453920
Total Sodium (Na)	mg/L	4.12	0.050	C453920
Total Sulphur (S)	mg/L	3.6	3.0	C453920

RDL = Reportable Detection Limit

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

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

Bureau Veritas ID		EPK746		
Sampling Date		2026/10/21 10:30		
COC Number		DBB1		
	UNITS	PW601 (WTX DBB1)	RDL	QC Batch
Calculated Parameters				
Dissolved Hardness (CaCO3)	mg/L	141	0.50	C453808
Elements				
Dissolved Mercury (Hg)	ug/L	TR (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	0.54	0.10	C456064
Dissolved Barium (Ba)	ug/L	23.6	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	0.022	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	1.36	0.20	C456064
Dissolved Iron (Fe)	ug/L	ND	5.0	C456064
Dissolved Lead (Pb)	ug/L	ND	0.20	C456064
Dissolved Lithium (Li)	ug/L	TR	2.0	C456064
Dissolved Manganese (Mn)	ug/L	10.7	1.0	C456064
Dissolved Molybdenum (Mo)	ug/L	1.5	1.0	C456064
Dissolved Nickel (Ni)	ug/L	TR	1.0	C456064
Dissolved Selenium (Se)	ug/L	1.61	0.10	C456064
Dissolved Silicon (Si)	ug/L	6860	100	C456064
Dissolved Silver (Ag)	ug/L	ND	0.020	C456064
Dissolved Strontium (Sr)	ug/L	180	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		EPK746		
Sampling Date		2026/10/21 10:30		
COC Number		DBB1		
	UNITS	PW601 (WTX DBB1)	RDL	QC Batch
Dissolved Titanium (Ti)	ug/L	ND	5.0	C456064
Dissolved Uranium (U)	ug/L	0.40	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	38.6	0.050	C454208
Dissolved Magnesium (Mg)	mg/L	10.8	0.050	C454208
Dissolved Potassium (K)	mg/L	1.50	0.050	C454208
Dissolved Sodium (Na)	mg/L	4.14	0.050	C454208
Dissolved Sulphur (S)	mg/L	3.8	3.0	C454208

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

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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		EPK746		
Sampling Date		2026/10/21 10:30		
COC Number		DBB1		
	UNITS	PW601 (WTX DBB1)	RDL	QC Batch
Volatiles				
Total Trihalomethanes	ug/L	ND	1.0	C454665
Bromodichloromethane	ug/L	ND	0.10	C455773
Bromoform	ug/L	ND	1.0	C455773
Dibromochloromethane	ug/L	ND	1.0	C455773
Chloroform	ug/L	ND	1.0	C455773
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	104		C455773
4-Bromofluorobenzene (sur.)	%	93		C455773
D4-1,2-Dichloroethane (sur.)	%	94		C455773

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

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GENERAL COMMENTS

Version #2: Report reissued to include PW601 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
C455372	Total Suspended Solids	2026/10/26	99	80 - 120	103	80 - 120	ND, RDL=1.0	mg/L	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

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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 Iron (Fe)	2026/10/25	NC	80 - 120	108	80 - 120	ND, RDL=5.0	ug/L	1.3	20
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
C458213	Total Mercury (Hg)	2026/10/26	109	80 - 120	102	80 - 120	ND, RDL=0.0019	ug/L	NC	20
C458214	Total Organic Carbon (C)	2026/10/26	108	80 - 120	108	80 - 120	ND, RDL=0.50	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

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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 Iron (Fe)	2026/10/28	98	80 - 120	102	80 - 120	ND, RDL=5.0	ug/L	0.76	20
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
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.

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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.

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