



Your P.O. #: 997577
Your C.O.C. #: 408454

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2021/09/28
Report #: R6831272
Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1R2458

Received: 2021/09/21, 08:00

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Petroleum Hydro. CCME F1 & BTEX in Water	1	N/A	2021/09/22	CAM SOP-00315	CCME PHC-CWS m
Elements by CRC ICPMS (total) (1)	1	2021/09/23	2021/09/24	BBY7SOP-00003/ BBY7SOEPA 6020B R2 m -00002	
Total Ammonia (as NH ₃)	1	N/A	2021/09/22	Auto Calc.	
Total Ammonia-N	1	N/A	2021/09/22	CAM SOP-00441	USGS I-2522-90 m
Total Oil and Grease	1	2021/09/22	2021/09/22	CAM SOP-00326	EPA1664B m, SM5520B m
Low Level Total Suspended Solids	1	2021/09/21	2021/09/22	CAM SOP-00428	SM 23 2540D 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, MELCC, EPA, APHA.

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) This test was performed by Bureau Veritas Burnaby, 4606 Canada Way, Burnaby, BC, V5G 1K5



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Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Katherine Szozda, Project Manager

Email: Katherine.Szozda@bureauveritas.com

Phone# (613)274-0573 Ext:7063633

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BV Labs 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 Signature Page.



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Sampler Initials: KN

RESULTS OF ANALYSES OF WATER

BV Labs ID		QSE943		
Sampling Date		2021/09/15 07:00		
COC Number		408454		
	UNITS	BL Shore	RDL	QC Batch
Calculated Parameters				
Total Ammonia (as NH ₃)	mg/L	<0.061	0.061	7590832
Inorganics				
Total Ammonia-N	mg/L	<0.050	0.050	7592339
Total Suspended Solids	mg/L	3	1	7590408
Metals				
Total Arsenic (As)	mg/L	0.00016	0.00010	7599240
Total Copper (Cu)	mg/L	0.00069	0.00050	7599240
Total Lead (Pb)	mg/L	<0.00020	0.00020	7599240
Total Nickel (Ni)	mg/L	<0.0010	0.0010	7599240
Total Zinc (Zn)	mg/L	<0.0050	0.0050	7599240
Petroleum Hydrocarbons				
Total Oil & Grease	mg/L	<0.50	0.50	7592331
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



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PETROLEUM HYDROCARBONS (CCME)

BV Labs ID		QSE943		
Sampling Date		2021/09/15 07:00		
COC Number		408454		
	UNITS	BL Shore	RDL	QC Batch
BTEX & F1 Hydrocarbons				
Benzene	ug/L	<0.20	0.20	7592037
Toluene	ug/L	<0.20	0.20	7592037
Ethylbenzene	ug/L	<0.20	0.20	7592037
o-Xylene	ug/L	<0.20	0.20	7592037
p+m-Xylene	ug/L	<0.40	0.40	7592037
Total Xylenes	ug/L	<0.40	0.40	7592037
Surrogate Recovery (%)				
1,4-Difluorobenzene	%	101		7592037
4-Bromofluorobenzene	%	90		7592037
D10-o-Xylene	%	86		7592037
D4-1,2-Dichloroethane	%	98		7592037
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



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TEST SUMMARY

BV Labs ID: QSE943
Sample ID: BL Shore
Matrix: Water

Collected: 2021/09/15
Shipped:
Received: 2021/09/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7592037	N/A	2021/09/22	Abdikarim Ali
Elements by CRC ICPMS (total)	ICP/MS	7599240	2021/09/23	2021/09/24	Andrew An
Total Ammonia (as NH ₃)	CALC	7590832	N/A	2021/09/22	Automated Statchk
Total Ammonia-N	LACH/NH ₄	7592339	N/A	2021/09/22	Viorica Rotaru
Total Oil and Grease	BAL	7592331	2021/09/22	2021/09/22	Mitul Patel
Low Level Total Suspended Solids	BAL	7590408	2021/09/21	2021/09/22	Shaneil Hall



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GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	9.3°C
Package 2	1.7°C
Package 3	1.3°C

Revised Report (2021/09/28): Split report

Results relate only to the items tested.



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QUALITY ASSURANCE REPORT

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QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7592037	1,4-Difluorobenzene	2021/09/21	95	70 - 130	96	70 - 130	100	%				
7592037	4-Bromofluorobenzene	2021/09/21	97	70 - 130	95	70 - 130	82	%				
7592037	D10-o-Xylene	2021/09/21	82	70 - 130	80	70 - 130	85	%				
7592037	D4-1,2-Dichloroethane	2021/09/21	97	70 - 130	94	70 - 130	100	%				
7590408	Total Suspended Solids	2021/09/22					<1	mg/L	0	25	100	85 - 115
7592037	Benzene	2021/09/21	91	50 - 140	89	50 - 140	<0.20	ug/L	NC	30		
7592037	Ethylbenzene	2021/09/21	95	50 - 140	93	50 - 140	<0.20	ug/L	NC	30		
7592037	o-Xylene	2021/09/21	94	50 - 140	93	50 - 140	<0.20	ug/L	NC	30		
7592037	p+m-Xylene	2021/09/21	98	50 - 140	97	50 - 140	<0.40	ug/L	NC	30		
7592037	Toluene	2021/09/21	89	50 - 140	89	50 - 140	<0.20	ug/L	NC	30		
7592037	Total Xylenes	2021/09/21					<0.40	ug/L	NC	30		
7592331	Total Oil & Grease	2021/09/22			98	85 - 115	<0.50	mg/L	0.76	25		
7592339	Total Ammonia-N	2021/09/22	99	75 - 125	97	80 - 120	<0.050	mg/L	3.7	20		
7599240	Total Arsenic (As)	2021/09/24	98	80 - 120	98	80 - 120	<0.00010	mg/L	7.2	20		
7599240	Total Copper (Cu)	2021/09/24	95	80 - 120	97	80 - 120	<0.00050	mg/L	NC	20		
7599240	Total Lead (Pb)	2021/09/24	103	80 - 120	103	80 - 120	<0.00020	mg/L	NC	20		
7599240	Total Nickel (Ni)	2021/09/24	98	80 - 120	99	80 - 120	<0.0010	mg/L	NC	20		
7599240	Total Zinc (Zn)	2021/09/24	99	80 - 120	99	80 - 120	<0.0050	mg/L	NC	20		

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.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

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 (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 $\leq 2 \times \text{RDL}$).



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VALIDATION SIGNATURE PAGE

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

David Huang, BBY Scientific Specialist

Ewa Pranjic, M.Sc., C.Chem, Scientific Specialist

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**Exceedance Summary Table – Metal Mining Effluent Reg
Result Exceedances**

Sample ID	BV Labs ID	Parameter	Criteria	Result	DL	UNITS
No Exceedances						
The exceedance summary table is for information purposes only and should not be considered a comprehensive listing or statement of conformance to applicable regulatory guidelines.						