Your P.O. #: 997577
Your C.O.C. #: 406198

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2021/09/21
Report #: R6820809
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1Q6389
Received: 2021/09/15, 16:00

Sample Matrix: Water
Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Petroleum Hydro. CCME F1 & BTEX in Water (1)	6	N/A	2021/09/16	CAM SOP-00315	CCME PHC-CWS m
Elements by CRC ICPMS (total) (2)	6	2021/09/20	2021/09/21	BBY7SOP-00003/ BBY7SOP-00002	EPA 6020B R2 m
Total Ammonia (as NH3) (1)	6	N/A	2021/09/16	Auto Calc.	
Total Ammonia-N (1)	6	N/A	2021/09/16	CAM SOP-00441	USGS I-2522-90 m
Total Oil and Grease (1)	6	2021/09/16	2021/09/17	CAM SOP-00326	EPA1664B m,SM5520B m
Low Level Total Suspended Solids (1)	6	2021/09/16	2021/09/16	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.

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 Mississauga, 6740 Campobello Rd , Mississauga, ON, L5N 2L8
(2) This test was performed by Bureau Veritas Burnaby, 4606 Canada Way , Burnaby, BC, V5G 1K5

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CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1Q6389
Received: 2021/09/15, 16:00

Encryption Key

Katherine Szozda
Project Manager
21 Sep 2021 17:17:13

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
==========

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.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvlabs.com

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

RESULTS OF ANALYSES OF WATER

BV Labs ID		QQY262			QQY262			QQY263		
Sampling Date		2021/09/08 18:20			2021/09/08 18:20			2021/09/09 14:25		
COC Number		406198			406198			406198		
	UNITS	ST-KM103.5	RDL	QC Batch	ST-KM103.5 Lab-Dup	RDL	QC Batch	ST-KM103.5	RDL	QC Batch
Calculated Parameters										
Total Ammonia (as NH3)	mg/L	0.30	0.061	7581302				0.14	0.061	7581302
Inorganics										
Total Ammonia-N	mg/L	0.25	0.050	7581350				0.12	0.050	7581350
Total Suspended Solids	mg/L	<1	1	7581365				<1	1	7581365
Metals										
Total Arsenic (As)	mg/L	0.00041	0.00010	7591099	0.00041	0.00010	7591099	0.00045	0.00010	7591099
Total Copper (Cu)	mg/L	0.00124	0.00050	7591099	0.00123	0.00050	7591099	0.00156	0.00050	7591099
Total Lead (Pb)	mg/L	<0.00020	0.00020	7591099	<0.00020	0.00020	7591099	<0.00020	0.00020	7591099
Total Nickel (Ni)	mg/L	0.0030	0.0010	7591099	0.0030	0.0010	7591099	0.0045	0.0010	7591099
Total Zinc (Zn)	mg/L	<0.0050	0.0050	7591099	<0.0050	0.0050	7591099	<0.0050	0.0050	7591099
Petroleum Hydrocarbons										
Total Oil & Grease	mg/L	<0.50	0.50	7582336				<0.50	0.50	7582336

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

RESULTS OF ANALYSES OF WATER

BV Labs ID		QQY263			QQY264	QQY265			QQY265		
Sampling Date		2021/09/09 14:25			2021/09/09 14:30	2021/09/09 14:40			2021/09/09 14:40		
COC Number		406198			406198	406198			406198		
	UNITS	ST-KM103.5 Lab-Dup	RDL	QC Batch	ST-KM103.4	ST-KM103.3	RDL	QC Batch	ST-KM103.3 Lab-Dup	RDL	QC Batch
Calculated Parameters											
Total Ammonia (as NH3)	mg/L				<0.061	0.38	0.061	7581302			
Inorganics											
Total Ammonia-N	mg/L				<0.050	0.31	0.050	7581350	0.28	0.050	7581350
Total Suspended Solids	mg/L	1	1	7581365	8	3	1	7581365			
Metals											
Total Arsenic (As)	mg/L				0.00072	0.00395	0.00010	7591099			
Total Copper (Cu)	mg/L				0.00223	0.00385	0.00050	7591099			
Total Lead (Pb)	mg/L				<0.00020	<0.00020	0.00020	7591099			
Total Nickel (Ni)	mg/L				0.0045	0.0096	0.0010	7591099			
Total Zinc (Zn)	mg/L				<0.0050	<0.0050	0.0050	7591099			
Petroleum Hydrocarbons											
Total Oil & Grease	mg/L				<0.50	<0.50	0.50	7582336			

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

RESULTS OF ANALYSES OF WATER

BV Labs ID		QQY266		QQY267		
Sampling Date		2021/09/09 14:50		2021/09/09 15:00		
COC Number		406198		406198		
	UNITS	ST-KM103.2	RDL	ST-KM103.1	RDL	QC Batch
Calculated Parameters						
Total Ammonia (as NH3)	mg/L	0.78	0.061	0.98	0.061	7581302
Inorganics						
Total Ammonia-N	mg/L	0.64	0.050	0.81	0.050	7581350
Total Suspended Solids	mg/L	130	3	570	5	7581365
Metals						
Total Arsenic (As)	mg/L	0.0193	0.00010	0.0407	0.0020	7591099
Total Copper (Cu)	mg/L	0.0332	0.00050	0.062	0.010	7591099
Total Lead (Pb)	mg/L	0.00836	0.00020	0.0179	0.0040	7591099
Total Nickel (Ni)	mg/L	0.0494	0.0010	0.093	0.020	7591099
Total Zinc (Zn)	mg/L	0.0410	0.0050	<0.10	0.10	7591099
Petroleum Hydrocarbons						
Total Oil & Grease	mg/L	<0.50	0.50	110	0.50	7582336

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

PETROLEUM HYDROCARBONS (CCME)

BV Labs ID		QQY262	QQY263	QQY264	QQY265	QQY266	QQY267		
Sampling Date		2021/09/08 18:20	2021/09/09 14:25	2021/09/09 14:30	2021/09/09 14:40	2021/09/09 14:50	2021/09/09 15:00		
COC Number		406198	406198	406198	406198	406198	406198		
	UNITS	**ST-KM103.5**	**ST-KM103.5**	**ST-KM103.4**	**ST-KM103.3**	**ST-KM103.2**	**ST-KM103.1**	**RDL**	**QC Batch**
BTEX & F1 Hydrocarbons									
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.27	0.20	7581331
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.57	0.20	7581331
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	7581331
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	7581331
p+m-Xylene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	7581331
Total Xylenes	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	7581331
Surrogate Recovery (%)									
1,4-Difluorobenzene	%	96	98	96	96	96	97		7581331
4-Bromofluorobenzene	%	107	105	105	103	102	115		7581331
D10-o-Xylene	%	105	106	107	106	106	108		7581331
D4-1,2-Dichloroethane	%	101	102	104	103	103	102		7581331

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

TEST SUMMARY

BV Labs ID: QQY262
Sample ID: ST-KM103.5
Matrix: Water

Collected: 2021/09/08
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7581331	N/A	2021/09/16	Haibin Wu
Elements by CRC ICPMS (total)	ICP/MS	7591099	2021/09/20	2021/09/21	Sahar Omar Al-Abdalla
Total Ammonia (as NH3)	CALC	7581302	N/A	2021/09/16	Automated Statchk
Total Ammonia-N	LACH/NH4	7581350	N/A	2021/09/16	Viorica Rotaru
Total Oil and Grease	BAL	7582336	2021/09/16	2021/09/17	Saumya Modh
Low Level Total Suspended Solids	BAL	7581365	2021/09/16	2021/09/16	Sandeep Kaur

BV Labs ID: QQY262 Dup
Sample ID: ST-KM103.5
Matrix: Water

Collected: 2021/09/08
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by CRC ICPMS (total)	ICP/MS	7591099	2021/09/20	2021/09/21	Sahar Omar Al-Abdalla

BV Labs ID: QQY263
Sample ID: ST-KM103.5
Matrix: Water

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

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7581331	N/A	2021/09/16	Haibin Wu
Elements by CRC ICPMS (total)	ICP/MS	7591099	2021/09/20	2021/09/21	Sahar Omar Al-Abdalla
Total Ammonia (as NH3)	CALC	7581302	N/A	2021/09/16	Automated Statchk
Total Ammonia-N	LACH/NH4	7581350	N/A	2021/09/16	Viorica Rotaru
Total Oil and Grease	BAL	7582336	2021/09/16	2021/09/17	Saumya Modh
Low Level Total Suspended Solids	BAL	7581365	2021/09/16	2021/09/16	Sandeep Kaur

BV Labs ID: QQY263 Dup
Sample ID: ST-KM103.5
Matrix: Water

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

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Low Level Total Suspended Solids	BAL	7581365	2021/09/16	2021/09/16	Sandeep Kaur

BV Labs ID: QQY264
Sample ID: ST-KM103.4
Matrix: Water

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

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7581331	N/A	2021/09/16	Haibin Wu
Elements by CRC ICPMS (total)	ICP/MS	7591099	2021/09/20	2021/09/21	Sahar Omar Al-Abdalla
Total Ammonia (as NH3)	CALC	7581302	N/A	2021/09/16	Automated Statchk
Total Ammonia-N	LACH/NH4	7581350	N/A	2021/09/16	Viorica Rotaru
Total Oil and Grease	BAL	7582336	2021/09/16	2021/09/17	Saumya Modh
Low Level Total Suspended Solids	BAL	7581365	2021/09/16	2021/09/16	Sandeep Kaur

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

TEST SUMMARY

BV Labs ID: QQY265
Sample ID: ST-KM103.3
Matrix: Water

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

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7581331	N/A	2021/09/16	Haibin Wu
Elements by CRC ICPMS (total)	ICP/MS	7591099	2021/09/20	2021/09/21	Sahar Omar Al-Abdalla
Total Ammonia (as NH3)	CALC	7581302	N/A	2021/09/16	Automated Statchk
Total Ammonia-N	LACH/NH4	7581350	N/A	2021/09/16	Viorica Rotaru
Total Oil and Grease	BAL	7582336	2021/09/16	2021/09/17	Saumya Modh
Low Level Total Suspended Solids	BAL	7581365	2021/09/16	2021/09/16	Sandeep Kaur

BV Labs ID: QQY265 Dup
Sample ID: ST-KM103.3
Matrix: Water

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

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Ammonia-N	LACH/NH4	7581350	N/A	2021/09/16	Viorica Rotaru

BV Labs ID: QQY266
Sample ID: ST-KM103.2
Matrix: Water

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

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7581331	N/A	2021/09/16	Haibin Wu
Elements by CRC ICPMS (total)	ICP/MS	7591099	2021/09/20	2021/09/21	Sahar Omar Al-Abdalla
Total Ammonia (as NH3)	CALC	7581302	N/A	2021/09/16	Automated Statchk
Total Ammonia-N	LACH/NH4	7581350	N/A	2021/09/16	Viorica Rotaru
Total Oil and Grease	BAL	7582336	2021/09/16	2021/09/17	Saumya Modh
Low Level Total Suspended Solids	BAL	7581365	2021/09/16	2021/09/16	Sandeep Kaur

BV Labs ID: QQY267
Sample ID: ST-KM103.1
Matrix: Water

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

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7581331	N/A	2021/09/16	Haibin Wu
Elements by CRC ICPMS (total)	ICP/MS	7591099	2021/09/20	2021/09/21	Sahar Omar Al-Abdalla
Total Ammonia (as NH3)	CALC	7581302	N/A	2021/09/16	Automated Statchk
Total Ammonia-N	LACH/NH4	7581350	N/A	2021/09/16	Viorica Rotaru
Total Oil and Grease	BAL	7582336	2021/09/16	2021/09/17	Saumya Modh
Low Level Total Suspended Solids	BAL	7581365	2021/09/16	2021/09/16	Sandeep Kaur

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

GENERAL COMMENTS

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

Package 1	12.7°C
Package 2	15.0°C
Package 3	15.7°C
Package 4	15.3°C
Package 5	14.3°C
Package 6	14.3°C
Package 7	13.0°C

Results relate only to the items tested.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvlabs.com

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

QUALITY ASSURANCE REPORT

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7581331	1,4-Difluorobenzene	2021/09/16	91	70 - 130	92	70 - 130	95	%				
7581331	4-Bromofluorobenzene	2021/09/16	115	70 - 130	114	70 - 130	106	%				
7581331	D10-o-Xylene	2021/09/16	97	70 - 130	102	70 - 130	105	%				
7581331	D4-1,2-Dichloroethane	2021/09/16	97	70 - 130	95	70 - 130	99	%				
7581331	Benzene	2021/09/16	96	50 - 140	101	50 - 140	<0.20	ug/L	NC	30		
7581331	Ethylbenzene	2021/09/16	103	50 - 140	110	50 - 140	<0.20	ug/L	NC	30		
7581331	o-Xylene	2021/09/16	99	50 - 140	104	50 - 140	<0.20	ug/L	NC	30		
7581331	p+m-Xylene	2021/09/16	102	50 - 140	105	50 - 140	<0.40	ug/L	NC	30		
7581331	Toluene	2021/09/16	94	50 - 140	99	50 - 140	<0.20	ug/L	NC	30		
7581331	Total Xylenes	2021/09/16					<0.40	ug/L	NC	30		
7581350	Total Ammonia-N	2021/09/16	101	75 - 125	99	80 - 120	<0.050	mg/L	9.4	20		
7581365	Total Suspended Solids	2021/09/16					<1	mg/L	0	25	100	85 - 115
7582336	Total Oil & Grease	2021/09/17			97	85 - 115	<0.50	mg/L	1.3	25		
7591099	Total Arsenic (As)	2021/09/21	108	80 - 120	105	80 - 120	<0.00010	mg/L	0.22	20		
7591099	Total Copper (Cu)	2021/09/21	101	80 - 120	100	80 - 120	<0.00050	mg/L	1.3	20		
7591099	Total Lead (Pb)	2021/09/21	105	80 - 120	105	80 - 120	<0.00020	mg/L	NC	20		
7591099	Total Nickel (Ni)	2021/09/21	103	80 - 120	102	80 - 120	<0.0010	mg/L	0.33	20		
7591099	Total Zinc (Zn)	2021/09/21	106	80 - 120	106	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 <= 2x RDL).

BV Labs Job #: C1Q6389
Report Date: 2021/09/21

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

VALIDATION SIGNATURE PAGE

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

Brad Newman, B.Sc., C.Chem., Scientific Service Specialist

David Huang, BBY Scientific Specialist

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

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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BV Labs Job #: C1Q6389
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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.

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