July 5th, 2024

Kyle Amsel
Resource Management Officer
Kivalliq Region, Field Operations Unit
Crown-Indigenous Relations and Northern Affairs Canada
Rankin Inlet, NU
X0C 0G0

Sent via email: Kyle.Amsel@rcaanc-cirnac.gc.ca

Re: Follow-up Report Spill #2024-223– Snowmelt water release at the Meliadine Gold Mine, Borrow Pit B12

On June 8th, 2024, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca), as due diligence, of a potential exceedance at the Meliadine Gold Mine, borrow pit B12 (release location coordinates: 62 55'15.31'N, 92 3'46.98"W).

This follow-up report provides supplemental information based on the results of the incident assessment and is being provided in accordance with the following:

- Nunavut Water Board 2AM-MEL1631 Water Licence, Part H, Item 8c.

Description of Incident

On June 7th, 2024, at approximately 16:00, an employee performing a surface runoff inspection at borrow pit B12 observed dewatering activities occurring within the borrow pit. Dewatering of borrow pits is typical after spring melt to prevent potential seepage, erosion and sedimentation from ponding water within the borrow pit, and to allow access to construction material located within or near the standing water. This planned discharge occurred one day before the end of the 10-day discharge notice issued to the Inspector and before the pre-discharge water quality results were received from an accredited laboratory.

No water bodies were affected by the spill. The closest water body, Lake 900, is approximately 45 meters northeast, as seen in Figure 1.

Figure 1: Location of the release of snowmelt water.

Response and Remediation

The employee contacted the Water Management Supervisor to notify them of the ongoing pumping and to shut down the pump. Field measurements did not indicate a potential exceedance of the effluent quality limits listed under Part D, Item 18 of the 2AM-MEL1631 Water Licence. Samples were collected as due diligence and sent to an external laboratory for analysis. A grab sample was also taken for internal analysis of Total Suspended Solids (TSS). Results for internal and external analysis are presented in Table 1, both before discharge (May 18th) and after discharge (June 8th). The Certificates of Analysis for both regulatory samples can be found in Appendix A.

Table 1: Results from internal and external analysis of May 28th and June 8th samples.

Date	Parameter	Value	2AM-MEL1631 Part D, Item 18	
			Maximum Monthly Mean Concentration	Maximum Concentration in a Grab Sample
2024-05-28	Total Suspended Solids (mg/L)	11	50	100
	pH	7.03	Between 6.0 and 9.5	Between 6.0 and 9.5
	Oil and grease	No visible sheen	No visible sheen	No visible sheen
2024-06-08	Total Suspended Solids (mg/L)	16	50	100
	pH	7.23	Between 6.0 and 9.5	Between 6.0 and 9.5
	Oil and grease	No visible sheen	No visible sheen	No visible sheen

Both the May 28th and June 8th samples show that results were compliant with the effluent quality limits listed under Part D, Item 18 of the 2AM-MEL1631 Water Licence. Thus, the event was reported as due diligence and is not an exceedance under Part D Item 18 of the 2AM-MEL1631 Water Licence.

Root Cause and Corrective Measures

An incident assessment was conducted soon after the incident occurred to determine the root cause and contributing factors. The assessment concluded with the following:

- On June 7th, following instructions from the dayshift supervisor, nightshift personnel positioned a diesel pump at the borrow pit for dewatering in anticipation of authorization

from the Environment department. However, due to an error in judgment by the dayshift personnel, the pump was activated prematurely.

- Dewatering can only commence when the Environment department receives a Pumping Authorization – Critical Infrastructure form. The Environment department did not receive this form for sign off before dewatering occurred.

The following corrective and preventative actions have been implemented to address the root cause and to reduce the likelihood of reoccurrence:

- Dewatering pumps will no longer be put in place in advance of dewatering, only after the 10 days' notice to regulators has passed, and results have been confirmed to comply with the relevant effluent quality limits.
- The Pumping Authorization – Critical Infrastructure form will be reinforced by the Environment and E&I personnel. Once filled out and approved by the Environment department, E&I supervisors will provide a copy of the form to the person responsible for dewatering.

Should you have any questions or require further information, please do not hesitate to contact the undersigned.

Alexandre Langlais-Bourassa, M.Sc. Biol. | Environment Coordinator
alexandre.langlais-bourassa@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

Appendix A – Certificates of Analysis

Your P.O. #: OL-1381216
Site Location: Meliadine
Your C.O.C. #: 904578

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2024/06/12
Report #: R8187648
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4G4703
Received: 2024/05/31, 08:53

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	2	N/A	2024/06/06	CAM SOP-00448	SM 24 2320 B m
Chloride by Automated Colourimetry (1)	2	N/A	2024/06/06	CAM SOP-00463	SM 24 4500-Cl E m
Field Measured Dissolved Oxygen (1, 4)	2	N/A	2024/06/01		Field pH Meter
Field Measured Conductivity (1, 4)	2	N/A	2024/06/01		Field Meter
Fluoride (1)	2	2024/06/03	2024/06/06	CAM SOP-00449	SM 24 4500-F C m
Mercury (low level) (1)	2	2024/06/06	2024/06/07	CAM SOP-00453	EPA 7470 m
Low Level Chloride and Sulphate by AC (2)	2	N/A	2024/06/06	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide, Strong Acid Dissociable (SAD) (2)	2	2024/06/10	2024/06/11	CAL SOP-00270	SM 24 4500-CN m
Hardness (calculated as CaCO3) (3)	1	N/A	2024/06/10	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3) (3)	1	N/A	2024/06/11	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2024/06/10	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2024/06/11	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (dissolved) (3)	2	N/A	2024/06/08	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	2	2024/06/01	2024/06/10	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (total) (3)	2	2024/06/08	2024/06/09	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (2)	2	N/A	2024/06/06	AB SOP-00011	EPA 370.1 R1978 m
Total Ammonia-N (1)	2	N/A	2024/06/07	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 5)	2	N/A	2024/06/04	CAM SOP-00440	SM 24 4500-NO3I/NO2B
Total Oil and Grease (1)	2	2024/06/07	2024/06/07	CAM SOP-00326	EPA1664B m,SM5520B m
pH (1, 6)	2	2024/06/03	2024/06/06	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (1, 4)	2	N/A	2024/06/01		Field pH Meter
Orthophosphate (1)	2	N/A	2024/06/04	CAM SOP-00461	SM 24 4500-P E
Calculated Total Dissolved Solids (1)	2	N/A	2024/06/12		Auto Calc
Total Dissolved Solids (1)	2	2024/06/04	2024/06/06	CAM SOP-00428	SM 24 2540C m
Field Temperature (1, 4)	2	N/A	2024/06/01		Field Thermometer
Total Phosphorus (Colourimetric) (1)	2	2024/06/05	2024/06/06	CAM SOP-00407	SM 24 4500-P I
Low Level Total Suspended Solids (1)	2	2024/06/04	2024/06/06	CAM SOP-00428	SM 24 2540D m
Turbidity (1)	2	N/A	2024/06/04	CAM SOP-00417	SM 24 2130 B

Remarks:

Your P.O. #: OL-1381216
Site Location: Meliadine
Your C.O.C. #: 904578

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2024/06/12
Report #: R8187648
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CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4G4703
Received: 2024/05/31, 08:53

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.

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 Calgary (19th), 4000 19th Street NE , Calgary, AB, T2E 6P8
(3) This test was performed by Bureau Veritas Burnaby, 4606 Canada Way , Burnaby, BC, V5G 1K5
(4) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
(5) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
(6) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed 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 and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."

Your P.O. #: OL-1381216
Site Location: Meliadine
Your C.O.C. #: 904578

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2024/06/12
Report #: R8187648
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CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4G4703
Received: 2024/05/31, 08:53

Encryption Key

Katherine Szozda
Project Manager
12 Jun 2024 10:34:51

Please direct all questions regarding this Certificate of Analysis to:
Katherine Szozda, Project Manager
Email: Katherine.Szozda@bureauveritas.com
Phone# (613)274-0573 Ext:7063633

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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 Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: NS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZID966		ZID967		
Sampling Date		2024/05/28 09:45		2024/05/28 14:15		
COC Number		904578		904578		
	UNITS	MEL-SR-18	QC Batch	MEL-SR-21	RDL	QC Batch
Calculated Parameters						
Calculated TDS	mg/L	16	9428661	84	1.0	9428661
Dissolved Hardness (CaCO3)	mg/L	12.1	9441024	65.6	0.50	9448140
Field Measurements						
Field Measured Conductivity	uS/cm	77.4	ONSITE	170	N/A	ONSITE
Field Measured Dissolved oxygen	mg/L	13.77	ONSITE	11.12	N/A	ONSITE
Field Temperature	Celsius	4.5	ONSITE	4.6	N/A	ONSITE
Field Measured pH	pH	8.00	ONSITE	7.35		ONSITE
Inorganics						
Total Ammonia-N	mg/L	0.13	9435716	0.058	0.050	9435716
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	9448671	<0.00050	0.00050	9448671
Total Dissolved Solids	mg/L	25	9433466	110	10	9433466
Fluoride (F-)	mg/L	<0.10	9430942	<0.10	0.10	9430942
Orthophosphate (P)	mg/L	<0.010	9431080	0.014	0.010	9431080
pH	pH	7.03	9430943	7.51		9430943
Total Phosphorus	mg/L	<0.020	9435742	0.041	0.020	9435742
Reactive Silica (SiO2)	mg/L	0.12	9441248	1.7	0.050	9441248
Total Suspended Solids	mg/L	11	9432070	10	1	9432070
Turbidity	NTU	12	9430650	0.7	0.1	9430650
Alkalinity (Total as CaCO3)	mg/L	9.1	9430932	58	1.0	9430932
Dissolved Chloride (Cl-)	mg/L	1.5	9431063	3.2	1.0	9431063
Nitrite (N)	mg/L	<0.010	9430439	<0.010	0.010	9430439
Nitrate (N)	mg/L	0.14	9430439	0.27	0.10	9430439
Dissolved Sulphate (SO4)	mg/L	2.8	9438689	15	0.50	9438689
Nitrate + Nitrite (N)	mg/L	0.14	9430439	0.27	0.10	9430439
Metals						
Dissolved Aluminum (Al)	mg/L	0.0103	9445890	0.0093	0.0030	9445890
Total Aluminum (Al)	mg/L	0.418	9445891	0.0472	0.0030	9445891
Dissolved Arsenic (As)	mg/L	0.00069	9445890	0.00945	0.00010	9445890
Total Arsenic (As)	mg/L	0.00430	9445891	0.00866	0.00010	9445891
Dissolved Barium (Ba)	mg/L	0.0030	9445890	0.0151	0.0010	9445890

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: NS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZID966		ZID967		
Sampling Date		2024/05/28 09:45		2024/05/28 14:15		
COC Number		904578		904578		
	UNITS	MEL-SR-18	QC Batch	MEL-SR-21	RDL	QC Batch
Total Barium (Ba)	mg/L	0.0072	9445891	0.0131	0.0010	9445891
Dissolved Cadmium (Cd)	mg/L	<0.000010	9445890	<0.000010	0.000010	9445890
Total Cadmium (Cd)	mg/L	<0.000010	9445891	<0.000010	0.000010	9445891
Dissolved Chromium (Cr)	mg/L	<0.0010	9445890	<0.0010	0.0010	9445890
Total Chromium (Cr)	mg/L	0.0012	9445891	<0.0010	0.0010	9445891
Dissolved Copper (Cu)	mg/L	0.00041	9445890	0.00269	0.00020	9445890
Total Copper (Cu)	mg/L	0.00198	9445891	0.00200	0.00050	9445891
Dissolved Iron (Fe)	mg/L	0.0101	9445890	0.0198	0.0050	9445890
Total Iron (Fe)	mg/L	0.727	9445891	0.099	0.010	9445891
Dissolved Lead (Pb)	mg/L	<0.00020	9445890	<0.00020	0.00020	9445890
Total Lead (Pb)	mg/L	0.00092	9445891	0.00024	0.00020	9445891
Dissolved Manganese (Mn)	mg/L	0.0164	9445890	0.0568	0.0010	9448754
Total Manganese (Mn)	mg/L	0.0206	9445891	0.0151	0.0010	9445891
Dissolved Molybdenum (Mo)	mg/L	<0.0010	9445890	<0.0010	0.0010	9445890
Total Molybdenum (Mo)	mg/L	<0.0010	9445891	<0.0010	0.0010	9445891
Dissolved Nickel (Ni)	mg/L	<0.0010	9445890	<0.0010	0.0010	9445890
Total Nickel (Ni)	mg/L	0.0011	9445891	<0.0010	0.0010	9445891
Dissolved Selenium (Se)	mg/L	<0.00010	9445890	<0.00010	0.00010	9445890
Total Selenium (Se)	mg/L	<0.00010	9445891	<0.00010	0.00010	9445891
Dissolved Silver (Ag)	mg/L	<0.000020	9445890	<0.000020	0.000020	9445890
Total Silver (Ag)	mg/L	<0.000020	9445891	<0.000020	0.000020	9445891
Dissolved Thallium (Tl)	mg/L	<0.000010	9445890	<0.000010	0.000010	9445890
Total Titanium (Ti)	mg/L	0.0177	9445891	<0.0050	0.0050	9445891
Dissolved Zinc (Zn)	mg/L	<0.0050	9445890	<0.0050	0.0050	9445890
Total Zinc (Zn)	mg/L	<0.0050	9445891	<0.0050	0.0050	9445891
Dissolved Calcium (Ca)	mg/L	4.24	9441025	21.2	0.050	9448141
Total Calcium (Ca)	mg/L	3.62	9441027	16.4	0.050	9441027
Dissolved Magnesium (Mg)	mg/L	0.372	9441025	3.07	0.050	9448141
Total Magnesium (Mg)	mg/L	0.469	9441027	2.36	0.050	9441027
Dissolved Potassium (K)	mg/L	0.447	9441025	4.02	0.050	9448141
Total Potassium (K)	mg/L	0.481	9441027	2.91	0.050	9441027
Dissolved Sodium (Na)	mg/L	1.04	9441025	1.90	0.050	9448141

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: NS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZID966		ZID967		
Sampling Date		2024/05/28 09:45		2024/05/28 14:15		
COC Number		904578		904578		
	UNITS	**MEL-SR-18**	**QC Batch**	**MEL-SR-21**	**RDL**	**QC Batch**
Total Sodium (Na)	mg/L	0.880	9441027	1.40	0.050	9441027
Petroleum Hydrocarbons						
Total Oil & Grease	mg/L	<0.50	9440183	<0.50	0.50	9440183

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: NS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ZID966	ZID967		
Sampling Date		2024/05/28 09:45	2024/05/28 14:15		
COC Number		904578	904578		
	UNITS	MEL-SR-18	MEL-SR-21	RDL	QC Batch
Metals					
Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	9437768

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: ZID966
Sample ID: MEL-SR-18
Matrix: Water

Collected: 2024/05/28
Shipped:
Received: 2024/05/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9430932	N/A	2024/06/06	Surinder Rai
Chloride by Automated Colourimetry	SKAL	9431063	N/A	2024/06/06	Massarat Jan
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Fluoride	ISE	9430942	2024/06/03	2024/06/06	Surinder Rai
Mercury (low level)	CV/AA	9437768	2024/06/06	2024/06/07	Gagandeep Rai
Low Level Chloride and Sulphate by AC	KONE	9438689	N/A	2024/06/06	Tyler Orr
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9448671	2024/06/11	2024/06/11	Ye Hyun KIM
Hardness (calculated as CaCO3)	CALC	9441024	N/A	2024/06/10	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9441025	N/A	2024/06/10	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	9445890	N/A	2024/06/08	Megan Mak
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9441027	2024/06/10	2024/06/10	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	9445891	2024/06/08	2024/06/09	Megan Mak
Silica (Reactive)	KONE	9441248	N/A	2024/06/06	Adam Fishleigh
Total Ammonia-N	LACH/NH4	9435716	N/A	2024/06/07	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9430439	N/A	2024/06/04	Chandra Nandlal
Total Oil and Grease	BAL	9440183	2024/06/07	2024/06/07	Nikhil Dhiman
pH	AT	9430943	2024/06/03	2024/06/06	Surinder Rai
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Orthophosphate	KONE	9431080	N/A	2024/06/04	Massarat Jan
Calculated Total Dissolved Solids	CALC	9428661	N/A	2024/06/12	Automated Statchk
Total Dissolved Solids	BAL	9433466	2024/06/04	2024/06/06	Darshan Patel
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Total Phosphorus (Colourimetric)	SKAL/P	9435742	2024/06/05	2024/06/06	Sachi Patel
Low Level Total Suspended Solids	BAL	9432070	2024/06/04	2024/06/06	Tina Teng
Turbidity	AT	9430650	N/A	2024/06/04	Gurparteek KAUR

Bureau Veritas ID: ZID967
Sample ID: MEL-SR-21
Matrix: Water

Collected: 2024/05/28
Shipped:
Received: 2024/05/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9430932	N/A	2024/06/06	Surinder Rai
Chloride by Automated Colourimetry	SKAL	9431063	N/A	2024/06/06	Massarat Jan
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Fluoride	ISE	9430942	2024/06/03	2024/06/06	Surinder Rai
Mercury (low level)	CV/AA	9437768	2024/06/06	2024/06/07	Gagandeep Rai
Low Level Chloride and Sulphate by AC	KONE	9438689	N/A	2024/06/06	Tyler Orr
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9448671	2024/06/11	2024/06/11	Ye Hyun KIM
Hardness (calculated as CaCO3)	CALC	9448140	N/A	2024/06/11	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9448141	N/A	2024/06/11	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	9445890	N/A	2024/06/08	Megan Mak
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9441027	2024/06/10	2024/06/10	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	9445891	2024/06/08	2024/06/09	Megan Mak

Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: ZID967
Sample ID: MEL-SR-21
Matrix: Water

Collected: 2024/05/28
Shipped:
Received: 2024/05/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Silica (Reactive)	KONE	9441248	N/A	2024/06/06	Adam Fishleigh
Total Ammonia-N	LACH/NH4	9435716	N/A	2024/06/07	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9430439	N/A	2024/06/04	Chandra Nandlal
Total Oil and Grease	BAL	9440183	2024/06/07	2024/06/07	Nikhil Dhiman
pH	AT	9430943	2024/06/03	2024/06/06	Surinder Rai
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Orthophosphate	KONE	9431080	N/A	2024/06/04	Massarat Jan
Calculated Total Dissolved Solids	CALC	9428661	N/A	2024/06/12	Automated Statchk
Total Dissolved Solids	BAL	9433466	2024/06/04	2024/06/06	Darshan Patel
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/01	Viyushti Patel
Total Phosphorus (Colourimetric)	SKAL/P	9435742	2024/06/05	2024/06/06	Sachi Patel
Low Level Total Suspended Solids	BAL	9432070	2024/06/04	2024/06/06	Tina Teng
Turbidity	AT	9430650	N/A	2024/06/04	Gurparteek KAUR

GENERAL COMMENTS

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

Package 1	9.0°C

Sample ZID967, Elements by CRC ICPMS (dissolved): Test repeated.

Results relate only to the items tested.

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

Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

QUALITY ASSURANCE REPORT

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
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
9430439	Nitrate (N)	2024/06/04	104	80 - 120	104	80 - 120	<0.10	mg/L	0.047	20		
9430439	Nitrite (N)	2024/06/04	111	80 - 120	109	80 - 120	<0.010	mg/L	6.6	20		
9430650	Turbidity	2024/06/04			98	80 - 120	<0.1	NTU	14	20		
9430932	Alkalinity (Total as CaCO3)	2024/06/06			95	85 - 115	<1.0	mg/L	0.91	20		
9430942	Fluoride (F-)	2024/06/06	103	80 - 120	103	80 - 120	<0.10	mg/L	3.3	20		
9430943	pH	2024/06/06			102	98 - 103			0.26	N/A		
9431063	Dissolved Chloride (Cl-)	2024/06/06	89	80 - 120	96	80 - 120	<1.0	mg/L	0.62	20		
9431080	Orthophosphate (P)	2024/06/04	93	75 - 125	94	80 - 120	<0.010	mg/L	NC	20		
9432070	Total Suspended Solids	2024/06/06			97	80 - 120	<1	mg/L	NC	20		
9433466	Total Dissolved Solids	2024/06/06			95	80 - 120	<10	mg/L	7.4	20		
9435716	Total Ammonia-N	2024/06/07	93	75 - 125	105	80 - 120	<0.050	mg/L	20	20		
9435742	Total Phosphorus	2024/06/06	93	80 - 120	95	80 - 120	<0.020	mg/L	2.7	20	100	80 - 120
9437768	Mercury (Hg)	2024/06/07	97	75 - 125	99	80 - 120	<0.00001	mg/L	NC	20		
9438689	Dissolved Sulphate (SO4)	2024/06/06	NC	80 - 120	112	80 - 120	<0.50	mg/L	5.2	20		
9440183	Total Oil & Grease	2024/06/07			99	80 - 110	<0.50	mg/L	0.25	25		
9441248	Reactive Silica (SiO2)	2024/06/06	116	80 - 120	110	80 - 120	<0.050	mg/L				
9445890	Dissolved Aluminum (Al)	2024/06/08	105	80 - 120	96	80 - 120	<0.0030	mg/L	2.1	20		
9445890	Dissolved Arsenic (As)	2024/06/08	108	80 - 120	101	80 - 120	<0.00010	mg/L	0.31	20		
9445890	Dissolved Barium (Ba)	2024/06/08	105	80 - 120	95	80 - 120	<0.0010	mg/L	5.3	20		
9445890	Dissolved Cadmium (Cd)	2024/06/08	106	80 - 120	96	80 - 120	<0.000010	mg/L	NC	20		
9445890	Dissolved Chromium (Cr)	2024/06/08	103	80 - 120	95	80 - 120	<0.0010	mg/L	NC	20		
9445890	Dissolved Copper (Cu)	2024/06/08	98	80 - 120	92	80 - 120	<0.00020	mg/L	4.1	20		
9445890	Dissolved Iron (Fe)	2024/06/08	104	80 - 120	97	80 - 120	<0.0050	mg/L	2.5	20		
9445890	Dissolved Lead (Pb)	2024/06/08	99	80 - 120	94	80 - 120	<0.00020	mg/L	NC	20		
9445890	Dissolved Manganese (Mn)	2024/06/08	101	80 - 120	94	80 - 120	<0.0010	mg/L	1.6	20		
9445890	Dissolved Molybdenum (Mo)	2024/06/08	115	80 - 120	99	80 - 120	<0.0010	mg/L	3.4	20		
9445890	Dissolved Nickel (Ni)	2024/06/08	100	80 - 120	94	80 - 120	<0.0010	mg/L	3.6	20		
9445890	Dissolved Selenium (Se)	2024/06/08	105	80 - 120	98	80 - 120	<0.00010	mg/L	7.0	20		
9445890	Dissolved Silver (Ag)	2024/06/08	104	80 - 120	95	80 - 120	<0.000020	mg/L	NC	20		
9445890	Dissolved Thallium (Tl)	2024/06/08	104	80 - 120	97	80 - 120	<0.000010	mg/L	NC	20		
9445890	Dissolved Zinc (Zn)	2024/06/08	100	80 - 120	94	80 - 120	<0.0050	mg/L	NC	20		
9445891	Total Aluminum (Al)	2024/06/09	115	80 - 120	102	80 - 120	<0.0030	mg/L				

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

QUALITY ASSURANCE REPORT(CONT'D)

			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
9445891	Total Arsenic (As)	2024/06/09	109	80 - 120	103	80 - 120	<0.00010	mg/L				
9445891	Total Barium (Ba)	2024/06/09	103	80 - 120	99	80 - 120	<0.0010	mg/L				
9445891	Total Cadmium (Cd)	2024/06/09	105	80 - 120	101	80 - 120	<0.000010	mg/L				
9445891	Total Chromium (Cr)	2024/06/09	102	80 - 120	101	80 - 120	<0.0010	mg/L				
9445891	Total Copper (Cu)	2024/06/09	98	80 - 120	98	80 - 120	<0.00050	mg/L				
9445891	Total Iron (Fe)	2024/06/09	115	80 - 120	99	80 - 120	<0.010	mg/L				
9445891	Total Lead (Pb)	2024/06/09	97	80 - 120	93	80 - 120	<0.00020	mg/L				
9445891	Total Manganese (Mn)	2024/06/09	103	80 - 120	98	80 - 120	<0.0010	mg/L				
9445891	Total Molybdenum (Mo)	2024/06/09	111	80 - 120	106	80 - 120	<0.0010	mg/L				
9445891	Total Nickel (Ni)	2024/06/09	100	80 - 120	99	80 - 120	<0.0010	mg/L				
9445891	Total Selenium (Se)	2024/06/09	99	80 - 120	100	80 - 120	<0.00010	mg/L				
9445891	Total Silver (Ag)	2024/06/09	104	80 - 120	101	80 - 120	<0.000020	mg/L				
9445891	Total Titanium (Ti)	2024/06/09	107	80 - 120	98	80 - 120	<0.0050	mg/L				
9445891	Total Zinc (Zn)	2024/06/09	100	80 - 120	99	80 - 120	<0.0050	mg/L				
9448671	Strong Acid Dissoc. Cyanide (CN)	2024/06/11	93	80 - 120	97	80 - 120	<0.00050	mg/L				
9448754	Dissolved Manganese (Mn)	2024/06/11	98	80 - 120	100	80 - 120	<0.0010	mg/L				

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.

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.

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).

VALIDATION SIGNATURE PAGE

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

Cristina Carriere, Senior Scientific Specialist

David Huang, BBY Scientific Specialist

Sandy Yuan, M.Sc., QP, Scientific Specialist

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 Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

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

Bureau Veritas Job #: C4G4703
Report Date: 2024/06/12

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: NS

Exceedance Summary Table – Metal Mining Effluent Reg

Result Exceedances

Sample ID	Bureau Veritas 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.

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

Your P.O. #: OL-1381216
Site Location: Meliadine
Your C.O.C. #: 910845

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2024/06/20
Report #: R8200321
Version: 4 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4H9391
Received: 2024/06/12, 09:30

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity	1	N/A	2024/06/14	CAM SOP-00448	SM 24 2320 B m
Chloride by Automated Colourimetry	1	N/A	2024/06/14	CAM SOP-00463	SM 24 4500-Cl E m
Field Measured Dissolved Oxygen (3)	1	N/A	2024/06/13		Field pH Meter
Field Measured Conductivity (3)	1	N/A	2024/06/13		Field Meter
Fluoride	1	2024/06/13	2024/06/14	CAM SOP-00449	SM 24 4500-F C m
Mercury (low level)	1	2024/06/17	2024/06/17	CAM SOP-00453	EPA 7470 m
Low Level Chloride and Sulphate by AC (1)	1	N/A	2024/06/17	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide, Strong Acid Dissociable (SAD) (1)	1	2024/06/18	2024/06/18	CAL SOP-00270	SM 24 4500-CN m
Hardness (calculated as CaCO3) (2)	1	N/A	2024/06/17	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	1	N/A	2024/06/17	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (dissolved) (2)	1	N/A	2024/06/16	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	1	2024/06/13	2024/06/18	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (total) (2)	1	2024/06/17	2024/06/17	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (1)	1	N/A	2024/06/20	AB SOP-00011	EPA 370.1 R1978 m
Total Ammonia-N	1	N/A	2024/06/14	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (4)	1	N/A	2024/06/14	CAM SOP-00440	SM 24 4500-NO3I/NO2B
Total Oil and Grease	1	2024/06/13	2024/06/14	CAM SOP-00326	EPA1664B m,SM5520B m
pH (5)	1	2024/06/13	2024/06/14	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (3)	1	N/A	2024/06/13		Field pH Meter
Orthophosphate	1	N/A	2024/06/14	CAM SOP-00461	SM 24 4500-P E
Calculated Total Dissolved Solids	1	N/A	2024/06/20		Auto Calc
Total Dissolved Solids	1	2024/06/13	2024/06/14	CAM SOP-00428	SM 24 2540C m
Field Temperature (3)	1	N/A	2024/06/13		Field Thermometer
Total Phosphorus (Colourimetric)	1	2024/06/13	2024/06/14	CAM SOP-00407	SM 24 4500-P I
Low Level Total Suspended Solids	1	2024/06/13	2024/06/14	CAM SOP-00428	SM 24 2540D m
Turbidity	1	N/A	2024/06/14	CAM SOP-00417	SM 24 2130 B

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Your P.O. #: OL-1381216
Site Location: Meliadine
Your C.O.C. #: 910845

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2024/06/20
Report #: R8200321
Version: 4 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4H9391
Received: 2024/06/12, 09:30

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.

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 Calgary (19th), 4000 19th Street NE , Calgary, AB, T2E 6P8
(2) This test was performed by Bureau Veritas Burnaby, 4606 Canada Way , Burnaby, BC, V5G 1K5
(3) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
(4) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
(5) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed 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 and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."

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Your P.O. #: OL-1381216
Site Location: Meliadine
Your C.O.C. #: 910845

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2024/06/20
Report #: R8200321
Version: 4 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4H9391
Received: 2024/06/12, 09:30

Encryption Key

Katherine Szozda
Project Manager
20 Jun 2024 17:14:47

Please direct all questions regarding this Certificate of Analysis to:
Katherine Szozda, Project Manager
Email: Katherine.Szozda@bureauveritas.com
Phone# (613)274-0573 Ext:7063633

==========

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZLG294			ZLG294		
Sampling Date		2024/06/08 14:46			2024/06/08 14:46		
COC Number		910845			910845		
	UNITS	MEL-SR18	RDL	QC Batch	MEL-SR18 Lab-Dup	RDL	QC Batch
Calculated Parameters							
Calculated TDS	mg/L	19	1.0	9453913			
Dissolved Hardness (CaCO3)	mg/L	13.4	0.50	9462657			
Field Measurements							
Field Measured Conductivity	uS/cm	36.9	N/A	ONSITE			
Field Measured Dissolved oxygen	mg/L	12.95	N/A	ONSITE			
Field Temperature	Celsius	4.2	N/A	ONSITE			
Field Measured pH	pH	7.29		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	9454100	<0.050	0.050	9454100
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9463604			
Total Dissolved Solids	mg/L	35	10	9454429	40	10	9454429
Fluoride (F-)	mg/L	<0.10	0.10	9454738			
Orthophosphate (P)	mg/L	<0.010	0.010	9453292			
pH	pH	7.23		9454739			
Total Phosphorus	mg/L	0.025	0.020	9454462	0.022	0.020	9454462
Reactive Silica (SiO2)	mg/L	0.31	0.050	9469150			
Total Suspended Solids	mg/L	16	1	9453502			
Turbidity	NTU	15	0.1	9454707	15	0.1	9454707
Alkalinity (Total as CaCO3)	mg/L	11	1.0	9454735			
Dissolved Chloride (Cl-)	mg/L	1.3	1.0	9451660			
Nitrite (N)	mg/L	<0.010	0.010	9454419			
Nitrate (N)	mg/L	0.15	0.10	9454419			
Dissolved Sulphate (SO4)	mg/L	3.9	0.50	9463603			
Nitrate + Nitrite (N)	mg/L	0.15	0.10	9454419			
Metals							
Dissolved Aluminum (Al)	mg/L	0.0096	0.0030	9462918			
Total Aluminum (Al)	mg/L	0.472	0.0030	9462917			
Dissolved Arsenic (As)	mg/L	0.00080	0.00010	9462918			
Total Arsenic (As)	mg/L	0.00400	0.00010	9462917			

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZLG294			ZLG294		
Sampling Date		2024/06/08 14:46			2024/06/08 14:46		
COC Number		910845			910845		
	UNITS	MEL-SR18	RDL	QC Batch	MEL-SR18 Lab-Dup	RDL	QC Batch
Dissolved Barium (Ba)	mg/L	0.0064	0.0010	9462918			
Total Barium (Ba)	mg/L	0.0119	0.0010	9462917			
Dissolved Cadmium (Cd)	mg/L	<0.000010	0.000010	9462918			
Total Cadmium (Cd)	mg/L	<0.000010	0.000010	9462917			
Dissolved Chromium (Cr)	mg/L	<0.0010	0.0010	9462918			
Total Chromium (Cr)	mg/L	0.0016	0.0010	9462917			
Dissolved Copper (Cu)	mg/L	0.00071	0.00020	9462918			
Total Copper (Cu)	mg/L	0.00382	0.00050	9462917			
Dissolved Iron (Fe)	mg/L	0.0088	0.0050	9462918			
Total Iron (Fe)	mg/L	0.924	0.010	9462917			
Dissolved Lead (Pb)	mg/L	<0.00020	0.00020	9462918			
Total Lead (Pb)	mg/L	0.00089	0.00020	9462917			
Dissolved Manganese (Mn)	mg/L	0.0137	0.0010	9462918			
Total Manganese (Mn)	mg/L	0.0259	0.0010	9462917			
Dissolved Molybdenum (Mo)	mg/L	<0.0010	0.0010	9462918			
Total Molybdenum (Mo)	mg/L	<0.0010	0.0010	9462917			
Dissolved Nickel (Ni)	mg/L	<0.0010	0.0010	9462918			
Total Nickel (Ni)	mg/L	0.0019	0.0010	9462917			
Dissolved Selenium (Se)	mg/L	<0.00010	0.00010	9462918			
Total Selenium (Se)	mg/L	<0.00010	0.00010	9462917			
Dissolved Silver (Ag)	mg/L	<0.000020	0.000020	9462918			
Total Silver (Ag)	mg/L	<0.000020	0.000020	9462917			
Dissolved Thallium (Tl)	mg/L	<0.000010	0.000010	9462918			
Total Titanium (Ti)	mg/L	0.0245	0.0050	9462917			
Dissolved Zinc (Zn)	mg/L	<0.0050	0.0050	9462918			
Total Zinc (Zn)	mg/L	<0.0050	0.0050	9462917			
Dissolved Calcium (Ca)	mg/L	4.51	0.050	9462658			
Total Calcium (Ca)	mg/L	4.63	0.050	9462916			
Dissolved Magnesium (Mg)	mg/L	0.510	0.050	9462658			
Total Magnesium (Mg)	mg/L	0.702	0.050	9462916			
Dissolved Potassium (K)	mg/L	0.654	0.050	9462658			

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

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZLG294			ZLG294		
Sampling Date		2024/06/08 14:46			2024/06/08 14:46		
COC Number		910845			910845		
	UNITS	MEL-SR18	RDL	QC Batch	MEL-SR18 Lab-Dup	RDL	QC Batch
Total Potassium (K)	mg/L	0.762	0.050	9462916			
Dissolved Sodium (Na)	mg/L	1.00	0.050	9462658			
Total Sodium (Na)	mg/L	1.09	0.050	9462916			
Petroleum Hydrocarbons							
Total Oil & Grease	mg/L	<0.50	0.50	9454013			

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

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ZLG294		
Sampling Date		2024/06/08 14:46		
COC Number		910845		
	UNITS	MEL-SR18	RDL	QC Batch
Metals				
Mercury (Hg)	mg/L	<0.00001	0.00001	9460274

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

TEST SUMMARY

Bureau Veritas ID: ZLG294
Sample ID: MEL-SR18
Matrix: Water

Collected: 2024/06/08
Shipped:
Received: 2024/06/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9454735	N/A	2024/06/14	Nachiketa Gohil
Chloride by Automated Colourimetry	SKAL	9451660	N/A	2024/06/14	Alina Dobreanu
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/13	Viyushti Patel
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/13	Viyushti Patel
Fluoride	ISE	9454738	2024/06/13	2024/06/14	Nachiketa Gohil
Mercury (low level)	CV/AA	9460274	2024/06/17	2024/06/17	Gagandeep Rai
Low Level Chloride and Sulphate by AC	KONE	9463603	N/A	2024/06/17	Shanna McKort
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9463604	2024/06/18	2024/06/18	Ye Hyun KIM
Hardness (calculated as CaCO3)	CALC	9462657	N/A	2024/06/17	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9462658	N/A	2024/06/17	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	9462918	N/A	2024/06/16	Megan Mak
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9462916	2024/06/18	2024/06/18	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	9462917	2024/06/17	2024/06/17	Andrew An
Silica (Reactive)	KONE	9469150	N/A	2024/06/20	Adam Fishleigh
Total Ammonia-N	LACH/NH4	9454100	N/A	2024/06/14	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9454419	N/A	2024/06/14	Jinal Chavda
Total Oil and Grease	BAL	9454013	2024/06/13	2024/06/14	Andrews Philip
pH	AT	9454739	2024/06/13	2024/06/14	Nachiketa Gohil
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/13	Viyushti Patel
Orthophosphate	KONE	9453292	N/A	2024/06/14	Alina Dobreanu
Calculated Total Dissolved Solids	CALC	9453913	N/A	2024/06/20	Automated Statchk
Total Dissolved Solids	BAL	9454429	2024/06/13	2024/06/14	Razieh Tabesh
Field Measured Dissolved Oxygen	PH	ONSITE	N/A	2024/06/13	Viyushti Patel
Total Phosphorus (Colourimetric)	SKAL/P	9454462	2024/06/13	2024/06/14	Sachi Patel
Low Level Total Suspended Solids	BAL	9453502	2024/06/13	2024/06/14	Razieh Tabesh
Turbidity	AT	9454707	N/A	2024/06/14	Gurparteek KAUR

Bureau Veritas ID: ZLG294 Dup
Sample ID: MEL-SR18
Matrix: Water

Collected: 2024/06/08
Shipped:
Received: 2024/06/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Ammonia-N	LACH/NH4	9454100	N/A	2024/06/14	Yogesh Patel
Total Dissolved Solids	BAL	9454429	2024/06/13	2024/06/14	Razieh Tabesh
Total Phosphorus (Colourimetric)	SKAL/P	9454462	2024/06/13	2024/06/14	Sachi Patel
Turbidity	AT	9454707	N/A	2024/06/14	Gurparteek KAUR

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

GENERAL COMMENTS

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

Package 1	9.0°C

Results relate only to the items tested.

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

QUALITY ASSURANCE REPORT

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

			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
9451660	Dissolved Chloride (Cl-)	2024/06/14	100	80 - 120	95	80 - 120	<1.0	mg/L	1.4	20		
9453292	Orthophosphate (P)	2024/06/14	94	75 - 125	92	80 - 120	<0.010	mg/L	NC	20		
9453502	Total Suspended Solids	2024/06/14			99	80 - 120	<1	mg/L	15	20		
9454013	Total Oil & Grease	2024/06/14			98	80 - 110	<0.50	mg/L	1.0	25		
9454100	Total Ammonia-N	2024/06/14	97	75 - 125	98	80 - 120	<0.050	mg/L	NC	20		
9454419	Nitrate (N)	2024/06/14	88	80 - 120	99	80 - 120	<0.10	mg/L	9.0	20		
9454419	Nitrite (N)	2024/06/14	105	80 - 120	101	80 - 120	<0.010	mg/L	NC	20		
9454429	Total Dissolved Solids	2024/06/14			97	80 - 120	<10	mg/L	13	20		
9454462	Total Phosphorus	2024/06/14	100	80 - 120	97	80 - 120	<0.020	mg/L	14	20	95	80 - 120
9454707	Turbidity	2024/06/14			99	80 - 120	<0.1	NTU	0.74	20		
9454735	Alkalinity (Total as CaCO3)	2024/06/13			97	85 - 115	<1.0	mg/L	4.6	20		
9454738	Fluoride (F-)	2024/06/13	67 (1)	80 - 120	92	80 - 120	<0.10	mg/L	1.9	20		
9454739	pH	2024/06/13			101	98 - 103			1.4	N/A		
9460274	Mercury (Hg)	2024/06/17	93	75 - 125	92	80 - 120	<0.00001	mg/L	NC	20		
9462917	Total Aluminum (Al)	2024/06/17	100	80 - 120	103	80 - 120	<0.0030	mg/L				
9462917	Total Arsenic (As)	2024/06/17	104	80 - 120	104	80 - 120	<0.00010	mg/L				
9462917	Total Barium (Ba)	2024/06/17	102	80 - 120	104	80 - 120	<0.0010	mg/L				
9462917	Total Cadmium (Cd)	2024/06/17	103	80 - 120	104	80 - 120	<0.000010	mg/L				
9462917	Total Chromium (Cr)	2024/06/17	97	80 - 120	101	80 - 120	<0.0010	mg/L				
9462917	Total Copper (Cu)	2024/06/17	97	80 - 120	102	80 - 120	<0.00050	mg/L				
9462917	Total Iron (Fe)	2024/06/17	104	80 - 120	105	80 - 120	<0.010	mg/L				
9462917	Total Lead (Pb)	2024/06/17	103	80 - 120	102	80 - 120	<0.00020	mg/L				
9462917	Total Manganese (Mn)	2024/06/17	NC	80 - 120	104	80 - 120	<0.0010	mg/L				
9462917	Total Molybdenum (Mo)	2024/06/17	109	80 - 120	109	80 - 120	<0.0010	mg/L				
9462917	Total Nickel (Ni)	2024/06/17	101	80 - 120	105	80 - 120	<0.0010	mg/L				
9462917	Total Selenium (Se)	2024/06/17	102	80 - 120	101	80 - 120	<0.00010	mg/L				
9462917	Total Silver (Ag)	2024/06/17	102	80 - 120	103	80 - 120	<0.000020	mg/L				
9462917	Total Titanium (Ti)	2024/06/17	103	80 - 120	105	80 - 120	<0.0050	mg/L				
9462917	Total Zinc (Zn)	2024/06/17	98	80 - 120	107	80 - 120	<0.0050	mg/L				
9462918	Dissolved Aluminum (Al)	2024/06/15	104	80 - 120	102	80 - 120	<0.0030	mg/L				
9462918	Dissolved Arsenic (As)	2024/06/15	110	80 - 120	104	80 - 120	<0.00010	mg/L				

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QUALITY ASSURANCE REPORT(CONT'D)

			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
9462918	Dissolved Barium (Ba)	2024/06/15	103	80 - 120	98	80 - 120	<0.0010	mg/L				
9462918	Dissolved Cadmium (Cd)	2024/06/15	104	80 - 120	102	80 - 120	<0.000010	mg/L				
9462918	Dissolved Chromium (Cr)	2024/06/15	103	80 - 120	102	80 - 120	<0.0010	mg/L				
9462918	Dissolved Copper (Cu)	2024/06/15	95	80 - 120	99	80 - 120	<0.00020	mg/L				
9462918	Dissolved Iron (Fe)	2024/06/15	111	80 - 120	105	80 - 120	<0.0050	mg/L				
9462918	Dissolved Lead (Pb)	2024/06/15	100	80 - 120	97	80 - 120	<0.00020	mg/L				
9462918	Dissolved Manganese (Mn)	2024/06/15	100	80 - 120	100	80 - 120	<0.0010	mg/L				
9462918	Dissolved Molybdenum (Mo)	2024/06/15	112	80 - 120	106	80 - 120	<0.0010	mg/L				
9462918	Dissolved Nickel (Ni)	2024/06/15	98	80 - 120	99	80 - 120	<0.0010	mg/L				
9462918	Dissolved Selenium (Se)	2024/06/15	104	80 - 120	102	80 - 120	<0.00010	mg/L				
9462918	Dissolved Silver (Ag)	2024/06/15	104	80 - 120	100	80 - 120	<0.000020	mg/L				
9462918	Dissolved Thallium (Tl)	2024/06/15	102	80 - 120	99	80 - 120	<0.000010	mg/L				
9462918	Dissolved Zinc (Zn)	2024/06/15	99	80 - 120	102	80 - 120	<0.0050	mg/L				
9463603	Dissolved Sulphate (SO4)	2024/06/17	106	80 - 120	97	80 - 120	<0.50	mg/L				
9463604	Strong Acid Dissoc. Cyanide (CN)	2024/06/18	113	80 - 120	109	80 - 120	<0.00050	mg/L				
9469150	Reactive Silica (SiO2)	2024/06/20	109	80 - 120	105	80 - 120	<0.050	mg/L				

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.

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.

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 #: C4H9391
Report Date: 2024/06/20

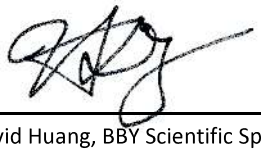
Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

VALIDATION SIGNATURE PAGE

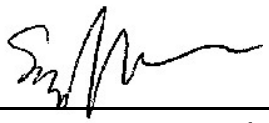
The analytical data and all QC contained in this report were reviewed and validated by:

Anastassia Hamanov, Scientific Specialist

Cristina Carriere, Senior Scientific Specialist



David Huang, BBY Scientific Specialist



Sandy Yuan, M.Sc., QP, Scientific Specialist

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Bureau Veritas Job #: C4H9391
Report Date: 2024/06/20

Agnico-Eagle
Site Location: Meliadine
Your P.O. #: OL-1381216
Sampler Initials: KS

Exceedance Summary Table – Metal Mining Effluent Reg

Result Exceedances

Sample ID	Bureau Veritas 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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