

Appendix 42

Meadowbank 2022 Groundwater Monitoring Report



REPORT

2022 Groundwater Monitoring Report
Meadowbank Mine, Nunavut

Submitted to:

Agnico Eagle Mines Limited

Attn: Marie-Pier Marcil

Submitted by:

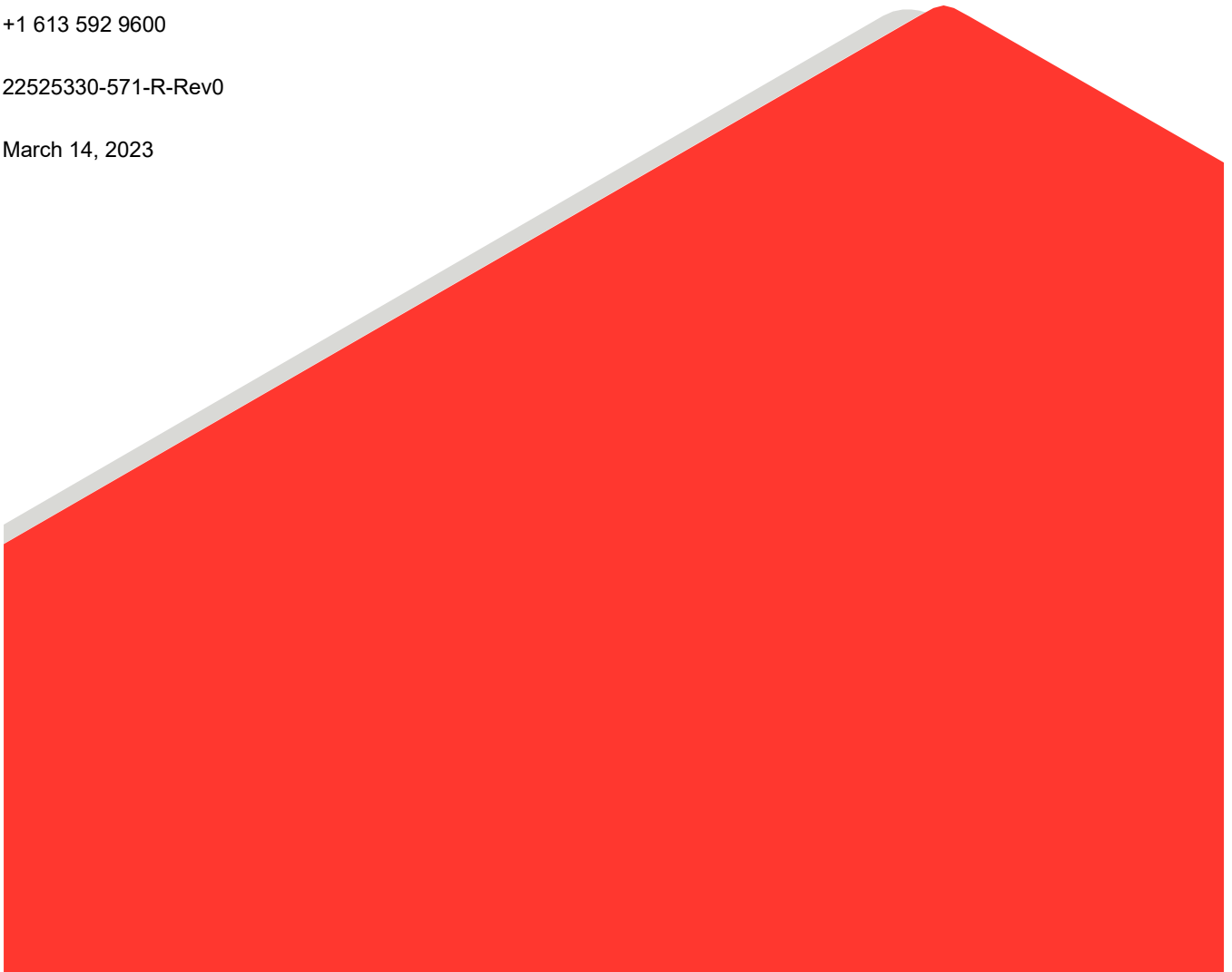
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22525330-571-R-Rev0

March 14, 2023



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EXECUTIVE SUMMARY

The Meadowbank Gold Project (Meadowbank mine) is operated by Agnico Eagle Mines Limited – Meadowbank Division and is located approximately 70 kilometres north of the Hamlet of Baker Lake, Nunavut. The Meadowbank mine is licensed under Water License No. 2AM-MEA1530, Nunavut Impact Review Board (NIRB) Project Certificate (PC) No. 004, Condition No. 8 and the last approved Meadowbank Gold Project Groundwater Monitoring Plan Version 11 dated March 2020 (GWMP). The GWMP presents the historic groundwater monitoring at the Meadowbank mine since 2003 and the groundwater monitoring campaign carried out in 2022.

The Executive Summary highlights key points from the report only; for complete information and findings, as well as the limitations, the reader should read the complete report and appendices.

The objective of the 2022 groundwater monitoring program was to document groundwater and surface water quality for effects related to mining operations associated with the deposition of tailings in the tailings storage facility (TSF) and in-pit tailings deposition (IPD). Monitoring activities completed in 2022 include water level measurement and sampling of groundwater and surface water at monitoring locations for the analysis of chemical parameters listed in Group 2 of Table 2 Schedule I of the Meadowbank Water License and isotopes of water (oxygen-18 and deuterium). Monitoring well MW-16-01 serves to investigate potential groundwater quality effects from the TSF, while monitoring wells MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07 and MW-IPD-09 serve to investigate potential effects to groundwater from the IPD. Wall seepage samples were collected from the east wall of Portage Pit-A in July and September 2022 to assess potential groundwater quality effects related to the TSF and IPD. Seepage at Pit E could not be sampled due to the unsafe ground conditions and the flooded conditions in the pit at the seepage inflow point.

Regional groundwater is interpreted to flow east towards the Third Portage Lake and Second Portage Lake. On a local scale, surface and groundwater flow is influenced by local topography and mining operations at previously mined pits and from tailings storage operations (IPD and TSF).

In 2022, water levels indicate that IPD monitoring wells identified as MW-IPD-01(s) and MW-IPD-01(d) are still hydraulically downgradient the Second Portage Lake; similarly, the monitoring wells MW-IPD-07 and MW-IPD-09 are downgradient to the Third Portage Lake. Water quality at these monitors is likely influenced by Lake water seepage rather than the TSF or IPD operations, at this time. The groundwater quality at monitoring wells MW-IPD-01(d), MW-IPD-01(s), MW-IPD-07, MW-IPD-09 continues to display a natural water signature and can be used as background values against which to monitor groundwater quality.

Monitoring well MW-16-01 is located hydraulically downgradient of the TSF and Central Dike. The groundwater quality at monitoring well MW-16-01 is interpreted to be affected by reclaim water from the South Cell TSF based on similar chemical signatures to reclaim water monitoring stations ST-21-North, ST-21-South (South Cell TSF surface water) and ST-S-5 (Central Dike seepage).

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2022 Monitoring Well Development Logs and Supplementary Sampling Information

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1.0 INTRODUCTION

This document provides a summary of the 2022 groundwater monitoring program carried out at the Meadowbank mine site (Meadowbank) and a summary of water quality results obtained.

The 2022 groundwater monitoring program was completed by WSP Canada Inc. (WSP, formerly Golder-WSP) on behalf of Agnico Eagle Mines Limited (Agnico Eagle) in accordance with Water Licence No. 2AM-MEA1530, Nunavut Impact Review Board (NIRB) Project Certificate (PC) No. 004, Condition No. 8 and the last approved Meadowbank Gold Project Groundwater Monitoring Plan Version 11 dated March 2020 (GWMP). Table 2 of Schedule I of the Meadowbank Water Licence states that the groundwater must be monitored annually for Group 2 chemical parameters listed in this Schedule. As per NIRB PC No. 004, groundwater monitoring program is to be completed bi-annually.

The objective of the 2022 groundwater monitoring program is to document groundwater and surface water quality for effects related to mining operations associated with the deposition of tailings in the tailings storage facility and current practices involving In-Pit Tailings Deposition.

1.1 Background

Portage Pit-A (Pit-A), Portage Pit-E (Pit-E) and Goose Pit are mined out. They were developed within a through talik (unfrozen ground that extends to the base of the permafrost). Pit-E and Goose Pit are located in the through talik underneath Third Portage Lake, while Pit-A is located in the through talik underneath Second Portage Lake. The tailings storage facility (TSF) is located in the previously dewatered basin of the north arm of Second Portage Lake and is also believed to be situated over a through talik.

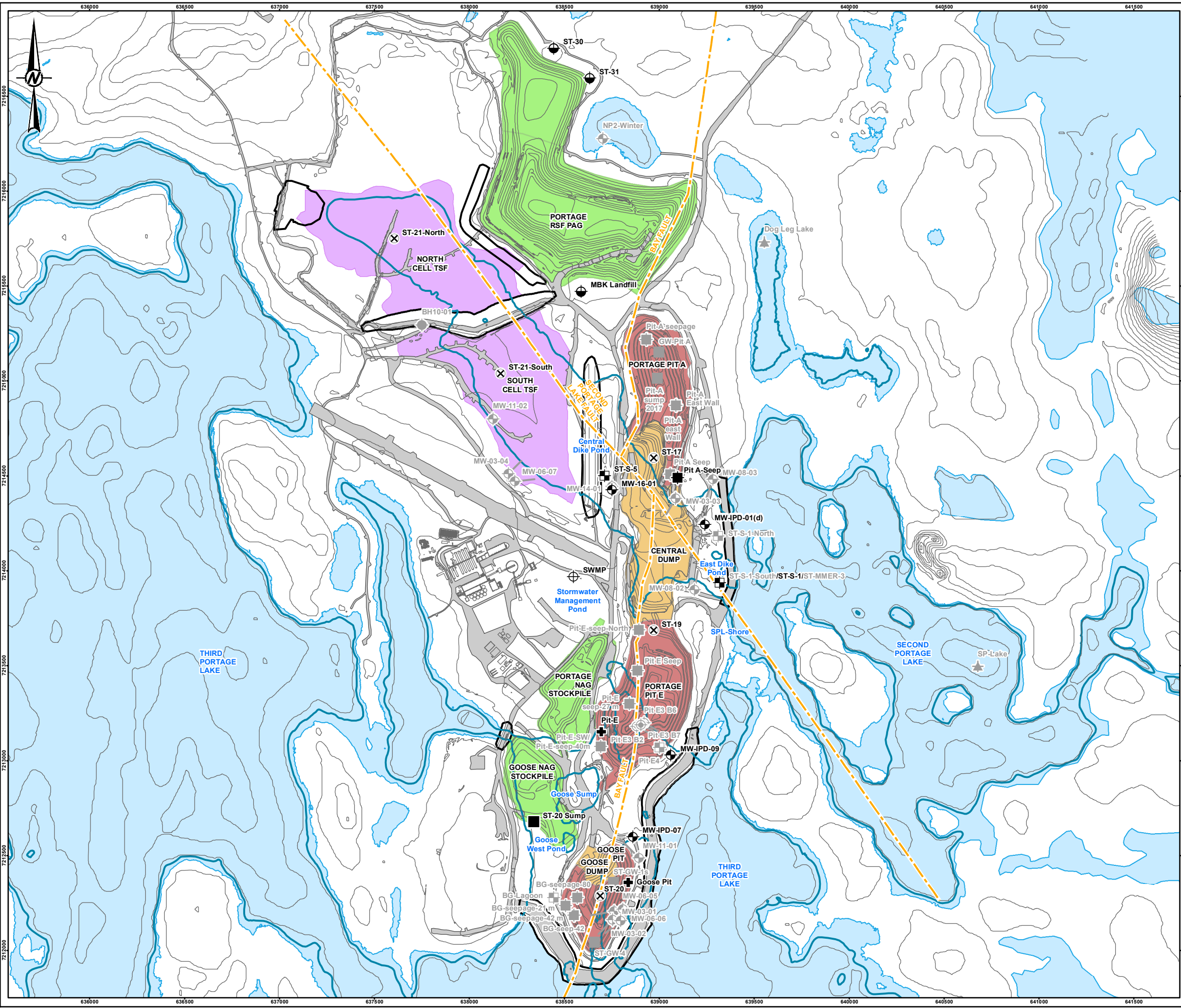
Tailings deposition in the TSF South Cell was discontinued in April 2019 and in July 2019 at the North Cell, with the exception of temporary tailings deposition in the North Cell from July 8 to August 19, 2021. In-Pit Tailings Deposition (IPD) operations commenced at Meadowbank in July 2019 to store tailings produced from Whale Tail Mine in addition to tailings produced from the Meadowbank Mine. Tailings were deposited in Goose Pit from July 2019 to August 19, 2020, then commenced in Pit-E on August 20, 2020, and is on-going. Since 2021 operations, reclaim water from surrounding low areas was transferred from the North Cell TSF to the South Cell TSF. In 2021, Pit-A received reclaim water from the South Cell TSF, Goose Pit and Pit-E. In 2022, Pit-A received reclaim water from the South Cell TSF, Central Dike seepage, East Dike seepage and Pit-E.

Groundwater monitoring wells have been installed to provide information on groundwater quality in the through taliks of Third Portage Lake and the north arm of Second Portage Lake prior to and during mine operation and closure. The groundwater monitoring program was initiated prior to mining operations, in 2003, where a total of 14 groundwater monitoring wells were installed between 2003 to 2016 to characterize the groundwater within the five site areas: South and Central Dike, East Flat (East Dike area), Goose Pit, Pit-A and Pit-E.

Traditional monitoring well installations are fragile in the permafrost environment and at an active mine site. Many of the initial wells became inoperable or destroyed over time. Consequently, alternate means of collecting groundwater from within the talik and open pit footprint were implemented, including collecting groundwater that infiltrated into production holes at the base of pits; collection from horizontal borehole drilled in open pit walls into the talik and/or groundwater seeps into the open pits. The groundwater monitoring program was revised in 2017 following recommendations provided by Environment and Climate Change Canada (ECCC) to improve data collection for water quality model updates. A review of the available historical groundwater quality data claimed the information was not completely representative of site groundwater quality due to the inability to completely

remove the presence of de-icing salt and calcium chloride brine used during drilling of the boreholes for these wells (SNCL 2019). In 2018, an extensive environmental monitoring campaign was again conducted to sample groundwater across the mine site to investigate groundwater and contact water quality in relation to tailing pore water seepage (SNCL 2019). Groundwater samples were collected from horizontal boreholes in 2017 and 2018 in Pit-E, and from pit wall seeps in Goose Pit, Pit-A and/or Pit-E since 2016 depending on accessibility. Four additional monitoring wells were added to the network in 2018 (MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07 and MW-IPD-09) prior to the start of the IPD operations in July 2019. Drill fluid DD2000 (copolymer of acrylamide and sodium acrylate) was used for the drilling of these boreholes and heated water was circulated continuously through the borehole until the wells were installed (SNCL 2019). The drilling fluid was not tagged and the residual content of drilling fluid in the IPD wells is similarly not know.

A total of five monitoring wells were operable in 2022, in addition to the two pumping wells at the East Dike location (ST-S-1-North and ST-S-1-South). In 2022, the five monitoring wells were sampled by WSP during a July and a September monitoring session. Agnico Eagle also collected pit wall seepage samples and water quality samples from other on-site water monitoring locations in July and September 2022. The locations of the current and historical water quality monitoring stations completed as part of the annual groundwater monitoring program are illustrated in Figure 1.



LEGEND

- IN-PIT DEPOSITION POINT
- WATER SAMPLING STATIONS 2022**
 - POTENTIAL MINE CONTACT
 - MONITORING WELL
 - WALL SEEPAGE
 - DIKE SEEPAGE
 - SUMP
 - POND
 - RECLAIM WATER
- WATER SAMPLING STATIONS (PRIOR 2022)**
 - MONITORING WELL
 - PRODUCTION DRILL HOLE
 - HORIZONTAL HOLE
 - DIKE SEEPAGE
 - WALL SEEPAGE
 - SUMP
 - DEEP LAKE WATER
 - POND
 - INCLINED HOLE
 - TOPOGRAPHIC CONTOUR LINE (10 m)
 - FAULT
 - ASSUMED PERMAFROST LIMIT (SHORELINE MINUS 1.5 m)
 - DIKE
- MINING**
 - ROCK STORAGE FACILITY
 - WASTE DUMP STORAGE
 - PIT
 - CELL

NOTE(S)

- ALL LOCATIONS ARE APPROXIMATE
- EAST DIKE NORTH (ST-S-1-North) AND SOUTH (ST-S-1-South) PUMPING WELLS PREVIOUSLY IDENTIFIED AS ST-8-North AND ST-8-South, RESPECTIVELY FROM 2017 TO 2019.
- ST-S-1 REPRESENTS WATER PUMPED FROM ST-S-1-South THAT IS DISCHARGED TO PORTAGE PIT-A
- ST-MMER-3 (PREVIOUSLY IDENTIFIED AS ST-8 FROM 2015 TO 2019) REPRESENTS WATER PUMPED FROM ST-S-1-South THAT IS DISCHARGED TO SECOND PORTAGE LAKE
- NO SAMPLES COLLECTED FROM ST-S-1-North, ST-S-1-South AND ST-MMER-3 BETWEEN JUNE AND SEPTEMBER 2022.

REFERENCE(S)

- PROJECT DATA, AGNICO EAGLE MINES LIMITED 2017-2019
- PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 14, VERTICAL DATUM: CGVD28

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CLIENT
AGNICO EAGLE MINES LIMITED

PROJECT
2022 GROUNDWATER MONITORING PROGRAM
MEADOWBANK MINE, NUNAVUT

TITLE
WATER SAMPLING STATIONS

CONSULTANT	YYYY-MM-DD	2022-10-25
	DESIGNED	---
	PREPARED	JEM
	REVIEWED	DH
	APPROVED	---

PROJECT NO. 22525330-571 CONTROL 0001 REV. A FIGURE 1

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2.0 METHODOLOGY

The 2022 groundwater monitoring program was carried out in accordance with Table 2 of Schedule I of the Meadowbank Water Licence and the March 2020 GWMP. Samples were analyzed for the Group 2 suite of chemical parameters listed in Table 1 of that Schedule, namely: ammonia-nitrogen, calcium, chloride, conductivity, dissolved organic carbon (DOC), hardness, nitrate, nitrite, ortho-phosphate, pH, potassium, reactive silica, sodium, sulphate, total dissolved solids (TDS), total kjeldahl nitrogen (TKN), total and speciated alkalinity (carbonate, bicarbonate), total organic carbon (TOC), total phosphorus, total suspended solids (TSS), turbidity, total cyanide, free cyanide and Weak Acid Dissociable (WAD) cyanide (the latter is triggered based on the results of other programs performed by Agnico Eagle) and the following total and dissolved metals: aluminum, antimony, arsenic, boron, barium, beryllium, cadmium, copper, chromium, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, tin, strontium, titanium, thallium, uranium, vanadium, and zinc. Groundwater samples were also analyzed for water stable isotopes of water (oxygen-18 and deuterium) during the July and September 2022 session to support the understanding of groundwater movement along flow paths and identify the source and origin of water constituents.

The groundwater monitoring program was completed by WSP personnel in July and September 2022 (well locations on Figure 1). The monitoring wells are equipped with a well-specific heating cable through the permafrost zone (40 to 59 metres along the borehole) which is continuously energized to prevent the well from freezing. A summary of the activities performed by WSP is listed below:

- Groundwater level monitoring at wells MW-16-01, MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07, and MW-IPD-09
- Purging of five monitoring wells, and
- Groundwater sampling at five monitoring wells

2.1 Water Level Monitoring

WSP personnel measured the water level in each of the five monitoring wells prior to the start of the July and September 2022 purging activities using a water level meter tape manufactured by Heron Instruments Inc. supplied by Agnico Eagle. Agnico Eagle provided surveyed wellhead data (existing ground surface, top of wellhead casing) and surface water elevation data for the North Cell TSF, South Cell TSF, Central Dike Pond, Goose Pit, Stormwater Management Pond, Pit-E, Pit-A, Second Portage Lake, Third Portage Lake and the East Dike Pond during the July and/or September 2022 monitoring sessions. The location of the monitoring wells and surface water features surveyed are shown on Figure 1.

2.2 Purging of Monitoring Wells

Purging of MW-16-01, MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07, and MW-IPD-09 monitoring wells was performed using the low flow portable double valve sampling pumps (DVP) that were installed inside each of the wells during construction. An exception to this is the original DVP installed in MW-16-01 was removed following malfunction in 2019 and a temporary replacement was used in 2020. During 2021, a low flow DVP was lowered to a depth of about 90 m below the top of the HWT casing prior to the July 2021 monitoring well development and became caught (could not be lowered to middle of screen interval). Monitoring well MW-16-01 was subsequently developed and sampled with the DVP installed at approximately 90 metres as the sample intake was located within the top of the screen interval of the monitoring well and remained operational.

The pumps were activated by pushing compressed nitrogen gas into low density polyethylene (LDPE) tubing attached to the sampling pump, which caused groundwater to rise to the surface through a flow through cell where water quality and volume was monitored during purging. A Model 464 Electronic Pneumatic Pump Control Unit manufactured by Solinst Canada Ltd. and owned by Agnico Eagle was used at the wellhead to control the flow rate of the pumps during development. The pressure set on the control box was adjusted accordingly for each monitoring well and the flow rate was monitored to ensure the water level remained stable during pumping, indicating water was being pulled from the target bedrock formation. A second Controller Unit QEDMP50 manufactured by QED Environmental Systems and compatible with the DVPs was rented by WSP and brought to site as a backup.

Field Measurements on Groundwater

In-situ groundwater parameters were measured during development using a Horiba U-52 Multiparameter meter (July) or a Hanna 9828 Multiparameter meter (September session) inserted into a flow through cell and a portable Hanna HI98703 turbidity meter. The following were monitored: conductivity, dissolved oxygen, oxidation reduction (redox) potential, pH, temperature, turbidity, salinity and total dissolved solids. The Hanna turbidity meter owned by Agnico Eagle was used part way through the July 2022 session following malfunction of the turbidity sensor on the Horiba U-52 unit and during the September 2022. Each well was deemed sufficiently purged following the stabilization of the field parameters.

Well development logs including a summary of the flow rates, volume removed, water levels and field parameters recorded for each well are included in Table 1 and in Appendix A.

2.3 Groundwater Sample Collection

Groundwater sampling was performed by WSP personnel following stabilization of the field parameters during purging. Dedicated polyethylene LDPE tubing was used for each well. A summary of the samples collected as part of the 2022 groundwater monitoring program is presented in Table 1.

Table 1: Summary of Samples Collected by WSP in 2022

Location	Type	Pump Depth (m)	Screen Depth (m)	July 2022 Session		September 2022 Session	
				Purge Volume (L)	Sampling Date	Purge Volume (L)	Sampling Date(s)
MW-IPD-01(s)	Monitoring Well	60	51 - 69	27.1	12-Jul-22	34.10	10-Sep-22
MW-IPD-01(d)	Monitoring Well	175	163 -181	91.5 ^(a)	16-Jul-22	47.7	9-Sep-22
MW-IPD-07	Monitoring Well	40	42 - 50	25.6	17-Jul-22	24.29	12-Sep-22
MW-IPD-09	Monitoring Well	70	62 - 80	25.7	13-Jul-22 ^(b)	19.5	11-Sep-22
				17.6	18-Jul-22 ^(c)		
MW-16-01	Monitoring Well	90	89 - 101	24.5	11-Jul-22	31.9	13-Sep-21
Field blank	QA/QC	-	-	-	11-Jul-22	-	9-Sep-22
Trip Blank	QA/QC	-	-	-	11-Jul-22	-	9-Sep-22

Notes: m = meters; L = litres; QA/QC = Quality Assurance/Quality Control; '-' = not applicable

- Sampling completed following purging completed between July 14 to 16, 2022 due to time limitations and/or insufficient nitrogen gas supply.
- Erroneously high turbidity measurements recorded due to malfunction of turbidity sensor on Horiba U-52 probe.
- Confirmation sample collected on September 18, 2022, after purging an additional 17.6 L following issue with turbidity sensor malfunction.

Groundwater samples were collected in triplicate from all monitoring wells. A second sample set was collected from MW-IPD-09 on July 18, 2022, following additional development to collect a representative groundwater sample because the initial MW-IPD-09 sample collected on July 13, 2022, had suspect (higher) field measured turbidity compared to the historical record, thought to be related to equipment malfunction. Another turbidity meter was used for the follow up sample collected from MW-IPD-09 on July 18, 2022, to confirm stabilization of the field measured parameters prior to collecting the confirmation sample.

One field blank and one trip blank were collected for quality assurance/quality control (QA/QC) purposes during each groundwater monitoring session completed by WSP. The field blank comprised of using de-ionized water to fill one set of bottles at wellhead MW-16-01, while the trip blank consisted of a sealed sample bottle set prepared by the analytical laboratory that was transported with the samples to the lab.

The water samples were collected and preserved in the field following the laboratory-specified protocols outlined in Table 2.

Table 2: Analytical Requirements

Analytical Parameters	Preparation and Preservation Protocols
ammonia nitrogen, ammonium	glass vial, unfiltered and preserved to pH<2 with sulphuric acid
total, free, WAD cyanide	plastic bottle, preserved with sodium hydroxide
pH, electrical conductivity, total and speciated alkalinity (carbonate, bicarbonate), anions (bromide, chloride, fluoride and sulphate), DOC, nitrate, nitrite, orthophosphate, reactive silica, TDS, TSS, and turbidity	plastic bottle, unfiltered and unpreserved
un-ionized ammonia, COD, TKN, TOC, nitrate, nitrite, total phosphorous	plastic bottle, unfiltered and preserved to pH<2 with sulphuric acid
Metals (total and dissolved): aluminum, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, calcium, chromium, copper, iron, lead, lithium, magnesium, manganese, molybdenum, nickel, potassium, selenium, tin, sodium, strontium, titanium, thallium, uranium, vanadium and zinc	plastic bottle, unfiltered ^(a) for total and filtered ^(b) for dissolved and preserved to pH<2 with nitric acid
mercury	glass bottle, unfiltered ^(a) for total and filtered ^(b) for dissolved and preserved to pH<2 with hydrochloric acid
isotopes (oxygen 18 and deuterium)	plastic bottle, unfiltered and unpreserved

Notes:

a) Total constituent, unfiltered

b) Dissolved constituents, field filtered to 0.45 microns

Hardness calculated from sum of dissolved calcium and magnesium

The laboratory chemical and physical analyses were performed by Bureau Veritas Laboratories (BV) located in Mississauga, Ontario, Burnaby, British Columbia or Calgary, Alberta. The isotope analyses were subcontracted by BV to Isotope Tracer Technologies Inc., located in Waterloo, Ontario. The results of the field and laboratory chemical analyses conducted during the 2022 groundwater monitoring program are tabulated and presented in Appendix B and the laboratory analytical certificates are provided in Appendix C.

2.4 Sample Shipping

Duplicate groundwater samplings were submitted for analysis for the GWMP parameters, with the exception of MW-IPD-09 during the July 2022 session, where only a single set of samples was submitted for the samples collected on July 13 and 18, 2022 (initial and second sample collected following additional well development as a result of malfunction of the turbidity sensor). The triplicate or duplicate sample sets (MW-IPD-09 July 2022 session only) were kept on site as backup and disposed of upon receipt of the samples by the analytical laboratory. Only single sets of samples were submitted for the analysis of stable isotopes. Samples were kept refrigerated and typically shipped to BV located in Ottawa, Ontario within 24 hours of sample collection or the next available charter (48 or 72 hours). Samples were placed in coolers with ice packs and entered on an electronic chain-of-custody (eCOC) in the BV online Portal system by Agnico Eagle staff before being shipped from site.

2.5 Sampling of Additional Water Monitoring Stations

Agnico Eagle personnel collected water samples from the monitoring stations identified on Figure 1 -

- Dike seepage stations:
 - ST-S-1: Combined East Dike south pumping well (ST-S-1-South) and north pumping well (ST-S-1-North) discharge directed to the Pit-A);
 - ST-S-5: Central Dike seepage sump
- Tailing Reclaim Water stations: ST-17 (Pit-A), ST-19 (Pit-E), ST-20 (Goose Pit), ST-21-North (North Cell TSF) and ST-21-South (South Cell TSF);
- Stormwater Management Pond (SWMP); and,
- Pit wall seepage (Pit-A Seep).
- Mine contact water stations ST-30, ST-31 and from the Meadowbank Landfill (MBK Landfill) to identify the potential source of arsenic previously observed in the Pit-E wall seepage samples.
- Second Portage Lakeshore water.

The 2022 water quality data from these sampling stations were provided to WSP and results were used to assess potential effects of reclaim water on the groundwater quality. Table 3 includes a summary of the additional 2022 water quality data collected by Agnico Eagle that was used as part of the groundwater assessment.

Pit wall seepage at Pit-E could not be accessed in July and September 2022 for safety reasons, being in an unstable ground area and the base of this location being in pit flood waters. No water samples were collected from that location in 2022.

Table 3: Summary of 2022 Water Quality Sampling Completed by Agnico Eagle

Station ID(s)	Location Description	Sampling Frequency
ST-S-1	Water pumped from East Dike pumping wells (Combined ST-S-1-South and ST-S-1-North) discharged to Pit-A	Monthly between February and March / June and November
ST-S-5	Central Dike seepage	Monthly between January and December
BG Lagoon (ST-20 Pit Sump)	Goose Dike sump	Monthly between June and October
ST-30	North of Portage RSF rock contact	Monthly between June to October
ST-31		
MBK Landfill ¹	South of Portage RSF	July and September
SWMP ¹	Stormwater Management Pond	July and September
SPL-Shore ¹	Second Portage Lake	September
ST-17 ²	Portage Pit-A Pond	Monthly between Jan-April and June-October
ST-19 ²	Portage Pit-E Pond	Monthly between January and December
ST-20 ²	Goose Pit Pond	Monthly between June and October
ST-21-South	South Cell TSF	
ST-21-North	North Cell TSF	
Pit-A seep ²	Pit-A east wall seepage	July and September

Note:

(1) Monitoring points MBK Landfill, SWMP, and SPL-Shore sampling stations are not a requirement of Table 2 Schedule I of Meadowbank Water License. All other points are a requirement of the Water License

(2) The water samples collected from the wall seepage samples (Pit-A), ST-17, ST-19 and ST-20 were collected from accessible points in the pit.

3.0 2022 GROUNDWATER MONITORING

3.1 Comparative Guidelines

Groundwater monitoring data is compared to Third Portage Effluent Discharge Limits (maximum average concentration) stated in Part F of the Meadowbank Water Licence 2AM-MEA1530 for illustrative purposes only, since these regulated parameters apply to effluent, not site contact water or groundwater quality.

3.2 Quality Assurance/Quality Control

Guideline procedures provided by the USEPA (1994) were followed during the sampling program to document that the samples collected from the monitoring wells were representative of water flowing through the rock formations. These procedures included the following:

- Measurement of field parameters at selected intervals until stable readings (within 10% of each other) were acquired.
- Minimizing the exposure of the sampled water to the atmosphere.

- Using compressed, inert gas (nitrogen) to lift water from the well for sampling to avoid changing the redox properties of the formation water.
- Conducting in-situ measurements of sensitive chemical parameters (temperature, pH, conductivity, salinity, TDS and turbidity) and comparing these values with those obtained at the laboratory.
- Keeping the samples refrigerated from the time of collection until shipment to the laboratory.
- Shipping the samples to the laboratory in temperature-regulated coolers within the specified sample holding times.

Transit times exceeded the recommended holding times for pH and orthophosphate for all samples. The field measured pH values are presented in Table B-1.

Analytical repeatability was tested by assessing the similarity between duplicate pairs of results, where available. For each duplicate pairs of analysis where both results were higher than 5 times the method detection limit (MDL), the relative percent difference (RPD) was calculated as follows:

$$\text{RPD} = \frac{\text{absolute [difference (concentration of a given parameter)]}}{\text{[average (concentration of a given parameter)]}} \times 100$$

Per USEPA recommended methods (USEPA, 1994), an RPD of 20% or less was considered acceptable. Where one or both results of the duplicate pair were less than 5 times the MDL, a margin of +/- MDL was considered acceptable.

The concentration of main anions (bicarbonate, bromide, chloride, fluoride and sulphate) and cations (ammonium-nitrogen, calcium, magnesium, sodium and potassium) of groundwater were used to calculate Charge Balance Error (EBE) as a reliability check for the analysis, where the sum (Σ) of cations (in meq/L) should equal the sum of anions (in meq/L) as follows (Hounslow, 1995):

$$\text{CBE} = \frac{[\Sigma\text{Cations} - \Sigma\text{Anions}]}{[\Sigma\text{Cations} + \Sigma\text{Anions}]} \times 100$$

The USEPA (1994) recommends a charge imbalance error of +/- 10% or less for the laboratory results to be considered acceptable. For low concentration samples, a charge balance error of +/- 15% is considered acceptable due to small deviations in these values which can lead to significant differences in charge balance calculation results.

The observed concentrations of cations and anions are low in the water samples collected. As the charge balance is a relative error calculation between cation and anion concentrations, small deviations are considered as acceptable.

3.2.1 Reclaim Water Signature Parameters

A tailing reclaim water signature parameter was used to determine the presence/absence and approximate proportion of tailings reclaim water in receiving surface and groundwater at site, and the extent of reclaim water effects away from the source areas. A reliable reclaim parameters has the following characteristics:

- There is a large contrast in the concentration of the parameter in the reclaim water source compared to background water quality: it is present in relatively low concentrations in background near the site and has a significantly higher concentration in reclaim water generated from the management of mine tailings.
- The concentration of the reclaim water signature parameter is consistent in time (i.e., has a low variability) in background monitoring locations nor in the reclaim water itself.
- The parameter is chemically inert and is relatively mobile in the groundwater, it is not subject to significant attenuation mechanisms in transport (i.e., adsorption, biological uptake, precipitation, etc.,).

Meadowbank reclaim water signature parameters include: ammonia nitrogen, arsenic, chloride, copper, cyanide, iron, and sulphate (SNCL 2019; SNCL 2020; AEM 2020; Golder 2021 and 2022). Sulfate, arsenic and ammonia nitrogen can also be attributed to waste rock contact water, but not cyanide, which is a product of ore processing. Thus, the presence of cyanide is a stronger indicator of the presence of tailings reclaim water. Groundwater constituents such as calcium, manganese, magnesium, potassium and sodium are also present at elevated concentrations in the reclaim water and much lower in the background groundwater, which can also be used to compare the chemical signature of natural groundwater to samples with a reclaim water signature (discussed in Sections 4.2 and 4.3.3). Salinity of groundwater (calcium-chloride salinity) is of interest in open pit inflow water quality and is also used as part of the comparative groundwater assessment (discussed in Section 4.3.4).

In 2022, concentrations of reclaim signature parameters were elevated at stations ST-21-North and ST-21-South related to current and historic tailings deposition activities, at ST-17, ST-19 and ST-20 related to the in-pit disposal of reclaim water and/or IPD in Pit-E (ST-19) and Goose Pit (ST-20).

Sampling station ST-21-South was installed within the South Cell TSF during active mining and as a result of historic tailings deposition. South Cell TSF was emptied in 2019, however water was transferred from the North Cell TSF to the South Cell TSF during 2021 and there remains a regional water inflow to the TSF pond at ST-21-South which is unrelated to tailings water (diluted tailings reclaim water). Surface water station ST-21-North sampled in 2022 is also representative of reclaim water as tailings were previously deposited in the North Cell TSF between July 8 and August 19, 2021, after being discontinued in July 2019. Station ST-S-5 may also be representative of reclaim water but is mixed with dike rock contact water seepage through the Central Dike downgradient of the TSF and diluted with regional inflow. In 2022, surface water quality at stations ST-17 located in the partially flooded Pit-A, ST-19 located in the partially flooded Pit-E and ST-20 located in partially flooded Goose Pit are representative of flooded pit water quality mixed with in-pit disposal reclaim water. Agnico Eagle personnel monitor water quality at these locations on a regular basis as part of the requirements of the Water License. The available 2022 water chemistry was provided to WSP for the six reclaim water stations (ST-21-North, ST-21-South, ST-S-5, ST-17, ST-19 and ST-20).

4.0 RESULTS AND DISCUSSION

4.1 Water Level Monitoring and Flow Direction

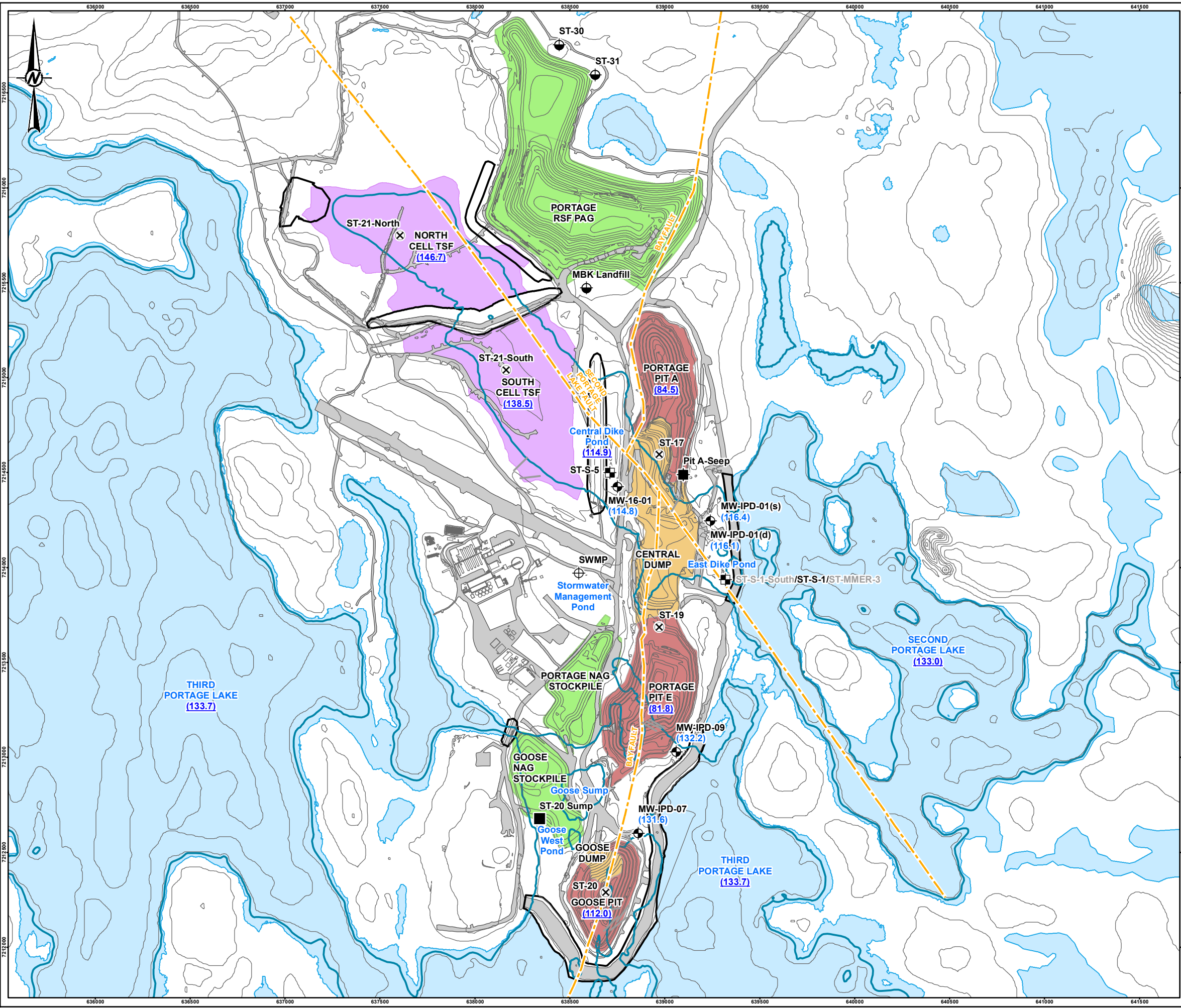
Water levels measured in the monitoring wells conducted by WSP personnel as part of the July and September 2022 groundwater monitoring program are presented in Table 4. The water level data presented in Table 4 also include surface water elevations of the South Cell TSF, Second Portage Lake, Third Portage Lake and flooded mined Pit-A and IPD pits (Goose Pit and Pit-E) based on data provided by Agnico Eagle measured in July and September 2022. Figures 2 and 3 illustrates the available surface water and groundwater elevations measured in July and September 2022, respectively.

Table 4: 2022 Water Levels in Monitoring Wells and Nearby Surface Water Features

Area	Location	Ground Surface Elevation (masl) ^(a)	Top of Well Head Casing (masl) ^(a)	Screened Interval (m) ^(b)	Screened Elevation (masl) ^(b)	Date	Water Level (masl)
South Cell / Central Dike	North Cell TSF					17-Jul-22	146.7 ^(c)
						10-Sep-22	146.6 ^(c)
	South Cell TSF					17-Jul-22	138.5 ^(c)
						10-Sep-22	139.9 ^(c)
MW-16-01	ST-S-5 ^(e)					17-Jul-22	114.9 ^(c)
						25-Sep-22	114.9 ^(c)
East Flat	MW-16-01	119.4	120.2	82.8 to 94.9 ^(d)	34.4 to 25.0	9-Jul-22	114.8
						8-Sep-22	114.9
	MW-IPD-01(s)	129.8	130.6	50.8 to 69.8	79.3 to 60.3	9-Jul-22	116.4
MW-IPD-01(d)						8-Sep-22	116.6
	MW-IPD-01(d)	129.9	130.7	162.5 to 181.4	-32.4 to -51.3	9-Jul-22	116.1
					8-Sep-22	116.3	
East Dike Pond						25-Sep-25	125.8 ^(c)
Pit-A	ST-17					17-Jul-22	84.5 ^(c)
						10-Sep-22	86.2 ^(c)
Pit-E	ST-19					17-Jul-22	81.8 ^(c)
						10-Sep-22	84.0 ^(c)
	MW-IPD-09	132.9	133.4	61.9 to 80.1	71.4 to 52.4	9-Jul-22	132.6
					8-Sep-22	131.9	
SWMP	Stormwater Management Pond					25-Sep-22	137.0 ^(c)
Second Portage Lake	Second Portage Lake					5-Aug-22	133.9 ^(c)
						10-Sep-22	132.9 ^(c)
Third Portage Lake	Third Portage Lake					5-Aug-22	133.6 ^(c)
						10-Sep-22	133.6 ^(c)
Goose Pit	MW-IPD-07	133.1	133.5	41.2 to 50.7	92.2 to 82.7	9-Jul-22	131.6
						8-Sep-22	130.5
	ST-20					17-Jul-22	112.0 ^(c)
					10-Sep-22	112.3 ^(c)	

Notes: masl = metres above sea level; m = metres, '-' = not applicable

- Ground surface and top of well casing elevation based on July 22, 2022, survey data completed by Agnico Eagle surveyor using GPS and total station.
- Screened interval depth (m) and elevation (masl) based on original well instrumentation logs provided by Agnico Eagle for consistency. There are some minor discrepancies from previous surveys performed, but the 2021 survey completed are within the acceptable threshold.
- Water level elevation provided by Agnico Eagle.
- Monitoring well MW-16-01 is installed within 70-degree inclined borehole. Screened interval (m) depth corrected for borehole inclination.
- Dike seepage station ST-S-5 is sampled from the Central Dike Downstream Pond which is located at the downstream toe of Central Dike.



LEGEND

WATER SAMPLING STATIONS 2022

- POTENTIAL MINE CONTACT
- MONITORING WELL
- WALL SEEPAGE
- DIKE SEEPAGE
- SUMP
- POND
- RECLAIM WATER
- INCLINED HOLE
- TOPOGRAPHIC CONTOUR LINE (10 m)
- FAULT
- ASSUMED PERMAFROST LIMIT (SHORELINE MINUS 1.5 m)
- DIKE

MINING

- ROCK STORAGE FACILITY
- WASTE DUMP STORAGE
- PIT
- CELL

99.99 GROUNDWATER ELEVATION, mASL

99.99 SURFACE WATER ELEVATION, mASL

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE
2. EAST DIKE NORTH (ST-S-1-North) AND SOUTH (ST-1-South) PUMPING WELLS PREVIOUSLY IDENTIFIED AS ST-8-North AND ST-8-South, RESPECTIVELY FROM 2017 TO 2019.
3. ST-S-1 REPRESENTS WATER PUMPED FROM ST-S-1-South THAT IS DISCHARGED TO PORTAGE PIT-A
4. ST-MMER-3 (PREVIOUSLY IDENTIFIED AS ST-8 FROM 2015 TO 2019) REPRESENTS WATER PUMPED FROM ST-S-1-South THAT IS DISCHARGED TO SECOND PORTAGE LAKE
5. NO SAMPLES COLLECTED FROM ST-S-1-North, ST-S-1-South AND ST-MMER-3 BETWEEN JUNE AND SEPTEMBER 2022.

REFERENCE(S)

1. PROJECT DATA, AGNICO EAGLE MINES LIMITED 2017-2019
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 14, VERTICAL DATUM: CGVD28



CLIENT
AGNICO EAGLE MINES LIMITED

PROJECT
2022 GROUNDWATER MONITORING PROGRAM
MEADOWBANK MINE, NUNAVUT

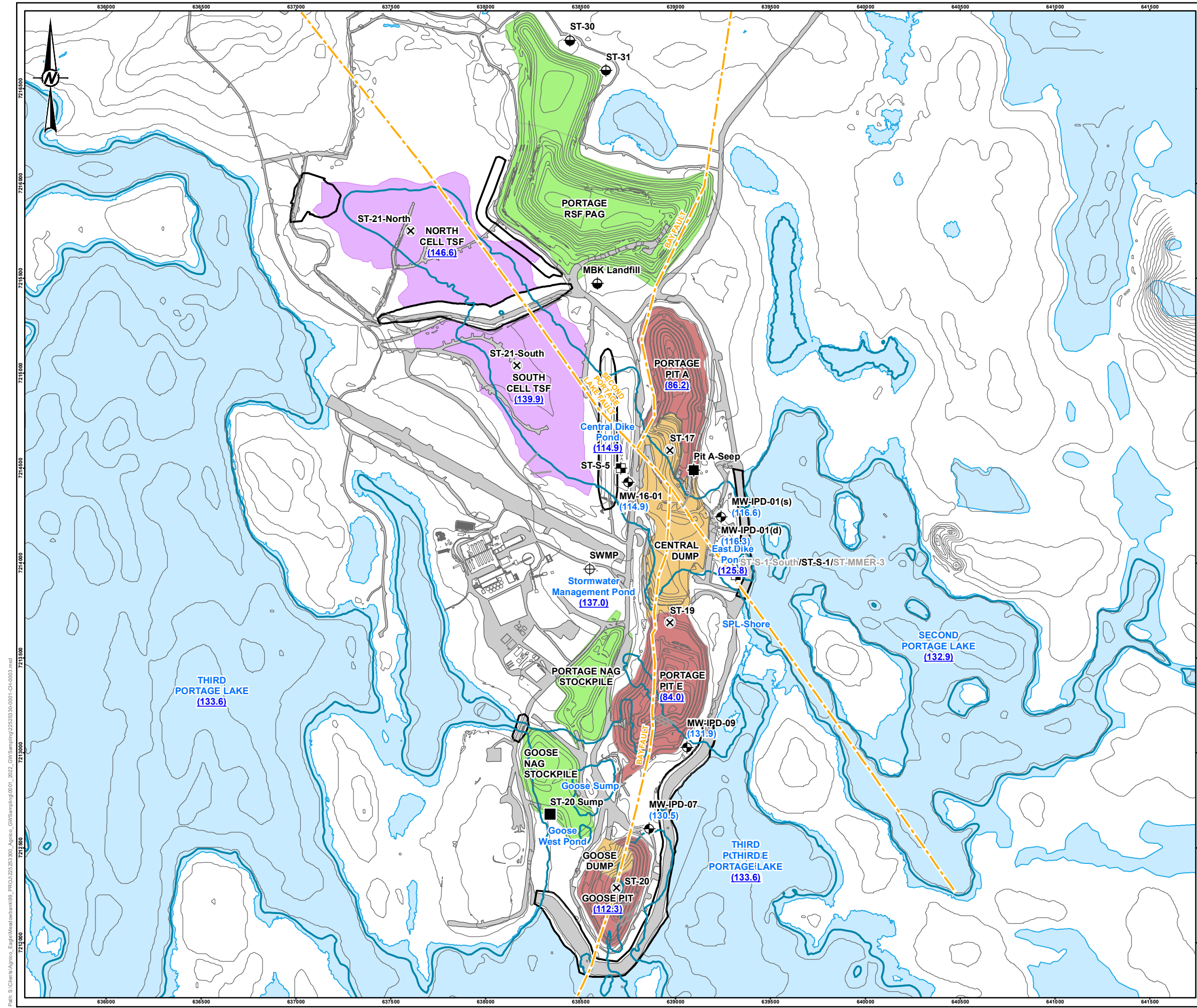
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GROUNDWATER AND SURFACE WATER ELEVATIONS - JULY 2022

CONSULTANT	YYYY-MM-DD	2022-10-25
	DESIGNED	---
	PREPARED	JEM
	REVIEWED	DH
	APPROVED	---

PROJECT NO. 22525330-571	CONTROL 0001	REV. A	FIGURE 2
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LEGEND

WATER SAMPLING STATIONS 2022

- POTENTIAL MINE CONTACT
- MONITORING WELL
- WALL SEEPAGE
- DIKE SEEPAGE
- SUMP
- POND
- RECLAIM WATER
- INCLINED HOLE
- TOPOGRAPHIC CONTOUR LINE (10 m)
- FAULT
- ASSUMED PERMAFROST LIMIT (SHORELINE MINUS 1.5 m)
- DIKE

MINING

- ROCK STORAGE FACILITY
- WASTE DUMP STORAGE
- PIT
- CELL

99.99 GROUNDWATER ELEVATION, mASL
 99.99 SURFACE WATER ELEVATION, mASL

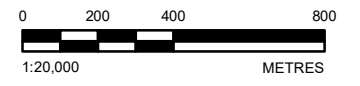
NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE
2. EAST DIKE NORTH (ST-S-1-North) AND SOUTH (ST-S-1-South) PUMPING WELLS PREVIOUSLY IDENTIFIED AS ST-8-North AND ST-8-South, RESPECTIVELY FROM 2017 TO 2019.
3. ST-S-1 REPRESENTS WATER PUMPED FROM ST-S-1-South THAT IS DISCHARGED TO PORTAGE PIT-A
4. ST-MMER-3 (PREVIOUSLY IDENTIFIED AS ST-8 FROM 2015 TO 2019) REPRESENTS WATER PUMPED FROM ST-S-1-South THAT IS DISCHARGED TO SECOND PORTAGE LAKE
5. NO SAMPLES COLLECTED FROM ST-S-1-North, ST-S-1-South AND ST-MMER-3 BETWEEN JUNE AND SEPTEMBER 2022.

REFERENCE(S)

1. PROJECT DATA, AGNICO EAGLE MINES LIMITED 2017-2019
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 14, VERTICAL DATUM: CGVD28

DRAFT



CLIENT
 AGNICO EAGLE MINES LIMITED

PROJECT
 2022 GROUNDWATER MONITORING PROGRAM
 MEADOWBANK MINE, NUNAVUT

TITLE
**GROUNDWATER AND SURFACE WATER ELEVATIONS -
 SEPTEMBER 2022**

CONSULTANT	YYYY-MM-DD	2022-10-25
	DESIGNED	---
	PREPARED	JEM
	REVIEWED	DH
	APPROVED	---

PROJECT NO. 22525330-571	CONTROL 0001	REV. A	FIGURE 3
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Regional groundwater is interpreted to flow east towards the Third Portage Lake and Second Portage Lake. On a local scale, surface and groundwater flow is influenced by local topography and mining operations involving previously mined pits and tailings storage operations (IPD and TSF).

Based on the available July and September 2022 groundwater and surface water elevation data, the flow of groundwater within and adjacent to the Meadowbank mining operations is interpreted as follows:

- MW-16-01 is located hydraulically downgradient of the North Cell TSF, South Cell TSF and Central Dike, water from the South Cell TSF flows east towards the Central Dike, MW-16-01 and the west wall of Pit-E. ST-S-5 (Central Dike Downstream Pond) is also located hydraulically downgradient of the South Cell TSF and the Central Dike. The surface water elevation at the Central Dike downstream pond is similar to the groundwater elevations at MW-16-01. Pit-A and Pit-E are downgradient of the TSF and dikes to the west and to the Second Portage and Third Portage Lakes to the east.
- Similar to the Open pits, the Pit-A and Pit-E ponds are located hydraulically downgradient of the TSF and of the Second Portage Lake and Third Portage Lake. Pit-E is also downgradient of the Portage non acid-generating (NAG) rock stockpile to the west. Pit pond water cannot flow to the adjacent lakes but could receive seepage from the TSF and the rock stockpile.
- The groundwater level at MW-IPD-01(s) and MW-IPD-01(d) and at MW-16-01 on the west and east side of the Central dump respectively is hydraulically downgradient of Second Portage Lake and the East Dike Pond to the west, and hydraulically downgradient of Central Dike and South Cell TSF to the east. Surface water from Second Portage Lake is interpreted to flow west towards East Dike Pond, MW-IPD-01(s), MW-IPD-01(d) and the Central Dump.
- Groundwater level at MW-IPD-09 is hydraulically downgradient of Third Portage Lake and upgradient of Pit-E. Surface water from Third Portage Lake is interpreted to flow west towards MW-IPD-09 and Pit-E.
- MW-IPD-07 is hydraulically downgradient of Third Portage Lake and upgradient of the water level in Goose Pit, therefore surface water from Third Portage Lake is interpreted to flow west towards MW-IPD-07 and the Goose Pit. The water in Goose Pit is not expected to affect groundwater quality at MW-IPD-07.

4.2 2022 Groundwater Monitoring from Seeps and Wells

The 2022 results of the groundwater and pit wall seepage water quality analyses were compared to the maximum average concentration (MAC) of the Third Portage Effluent Discharge Limits (criteria) and are presented in Table B-1 included in Appendix B. Laboratory analytical reports are included in Appendix C. In the absence of groundwater criteria, the water license effluent criteria are used for comparative purposes only; they are not directly applicable to groundwater.

The 2022 groundwater quality results are generally consistent with historical data. Concentrations of cyanide, arsenic, calcium, manganese, potassium and sodium, which are reclaim and/or waste rock contact water signature parameters, show a slight trend downward at MW-16-01 in 2022. An exception to this, copper continues to trend upward at MW-16-01.

All parameter concentrations in 2022 met the MAC effluent criteria used for comparative purposes only since these waters are not directly discharged to the environment.

The stiff diagrams for the 2022 groundwater monitoring program are provided in Appendix D, along with stiff diagrams for reclaim water and mine contact water for comparative purposes. Stiff diagrams are used to display the major ion composition of a water sample in order to rapidly compare the chemical signature of waters from different sources, such as natural water signature (Figures D-1 and D-2), compared to reclaim water signature (Figures D-3 and D-4) and intermediate water signature (Figure D-5). Based on the stiff diagrams, the major ion compositions of groundwater are similar and consistent with the 2018 through 2021 historical diagrams (SNCL 2019 and 2020; Golder 2021 and 2022). The 2022 groundwater samples collected from MW-16-01 indicate a chemical signature trending towards that of reclaim water based on surface water quality data from stations ST-17 (Pit-A), ST-19 (Pit-E), ST-20 (Goose Pit), ST-21-South, ST-21-North and ST-S-5 (refer to Figures D-3 and D-4) provided by Agnico Eagle. The chemical signature of MW-16-01 more closely resembles that of the Central Dike seepage sample (ST-S-5) compared to the other reclaim water stations. The chemical signature of the 2022 pit wall seepage samples collected from Pit-A (east wall) is dominated by sulphate, magnesium and calcium and are interpreted to be representative of intermediate signature (between that of mine affected water and natural water) (refer to Figure D-5). In the absence of tailings-only constituents (i.e., cyanide), the pit wall seepage may be influenced by waste rock contact water since they are located downgradient of the Second Portage Lake and/ adjacent to the Central Dump.

The mine contact water samples collected from ST-30 and ST-31 north of the Portage RSF indicate a natural water signature (refer to Figure D-2). The elevated concentrations of sulphate may be related to sulphide mineral oxidation from the pit walls, while calcium and magnesium may correspond to the consumption of alkalinity minerals (calcite, dolomite).

4.3 Historical Water Quality

4.3.1 Available Data

The groundwater monitoring program was initiated in 2003. A total of 14 groundwater monitoring wells were installed between 2003 to 2018 to characterize the groundwater within the five site areas: South and Central Dike, East Flat (East Dike area), Goose Pit, Portage Pit-A and Portage Pit-E. The available historical groundwater monitoring program analytical results from 2003 to 2022 are included in Appendix E. A summary of the available Meadowbank groundwater quality data collected as part of the annual groundwater monitoring program is included in Table 5 in Section 4.3.2.

4.3.2 2003 to 2022 Water Quality Trends

A discussion of trends observed from the 2022 groundwater quality data is presented in this section.

Concentrations of arsenic (total), chloride, copper (total), cyanide (total), iron (total), and sulphate, including sample duplicates are plotted for each monitoring location in Figures 4 through 9. These parameters are typically associated with the chemical signature of the reclaim water as discussed in Section 3.2.1. It is noted that metal constituents in groundwater are measured in the dissolved phase, of interest in water treatment processes. The total metal concentrations reported for arsenic, copper and iron represent a sum of the dissolved metal concentration and the particulate-derived metals dissolved upon acid-preservation of the sample prior to analysis. Total concentrations of arsenic, copper and iron are used as part of this assessment since the groundwater quality data is being compared to the Third Portage Lake Effluent Discharge Limits. Dissolved concentrations of constituents are presented for the 2008 groundwater quality monitoring data as total metals were not analyzed as part of that program.

The groundwater data is grouped by site as follows: South Cell and Central Dike, East flat (East Dike area), Goose Pit, Portage Pit-A and Portage Pit-E (refer to Table 5), where water quality is shown for different sampling locations within the given area. Half of the value of the laboratory reported detection limit was used for the graphs when the parameter result was below the analytical detection limit value.

Table 5: Summary of Available Meadowbank Groundwater Quality Data, 2003 to 2022

Site / Station ID	Type	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
South Cell / Central Dike		X			X				X	X			X	X	X	X	X	X	X	X	X
BH-10-01	BH								X												
MW-03-04	MW	X																			
MW-06-07	MW				X																
MW-11-02	MW									X											
MW-14-01	MW												X	X							
MW-16-01	MW														X	X	X	X	X	X	X
East Flat / East Dike							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MW-08-02	MW						X	X	X	X	X	X	X	X							
MW-08-03	MW						X					X									
ST-S-1-North ⁽¹⁾	PW ¹																X	X	X		X
ST-S-1-South ⁽¹⁾	PW ¹																X	X	X		X
ST-8 / ST-MMER-3 ⁽²⁾	PW ²													X	X	X	X	X	X	X	X
ST-S-1 ⁽³⁾	PW ²																		X	X	X
MW-IPD-01(s)	MW																X	X	X	X	X
MW-IPD-01(d)	MW																X	X	X	X	X
Goose Pit		X	X		X	X	X	X	X	X							X	X	X	X	X
BG-Seep-21m	PWS															X	X				
BG-Seep-42m	PWS															X	X	X			
BG-Seep-80m	PWS															X					
MW-03-01	MW	X	X		X																
MW-03-02	MW	X	X																		
MW-06-05	MW				X	X	X	X	X												
MW-06-06	MW				X																
MW-11-01	MW									X											
MW-IPD-07	MW																X	X	X	X	X
Portage Pit-A		X	X														X	X	X		X
MW-03-03	MW	X	X																		
Pit-A-Seep-East	PWS															X		X			
Pit-A-Seep-North	PWS																X				
Pit-A Seep	PWS																			X	X

Site / Station ID	Type	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
South Cell / Central Dike		X			X				X	X			X	X	X	X	X	X	X	X	X
Portage Pit-E														X	X	X	X	X	X	X	X
Pit E3-B2	HH													X							
Pit E3-B6	HH													X	X						
Pit E3-B7	HH														X						
Pit E4	PWS														X						
Pit-E-Seep-40m	PWS															X					
Pit-E-Seep-SW	PWS															X					
Pit-E-Seep-North	PWS															X	X	X			
Pit-E-Seep-27 m	PWS																		X		
Pit-E Seep	PWS																			X	
MW-IPD-09	MW																X	X	X	X	X

Notes: BH = temporary borehole; MW = monitoring well; PW¹ = pumping well (dike seepage); PW² = discharge from pumping well; PWS = pit wall seepage; HH = horizontal hole

- 1) ST-S-1-North and ST-S-1-South are pumping stations from the north and south of East Dike respectively; waters from these locations gets pumped to ST-S-1. ST-S-1-North and ST-S-1-South are no longer sampled individually.
- 2) ST-MMER-3 is also called ST-8: this sampling point represents discharge from ST-S-1 to Second Portage Lake.
- 3) ST-S-1 collects water pumped from ST-S-1-North and ST-S-1-South; it represents internal discharge to Portage Pit-A.

Total Cyanide

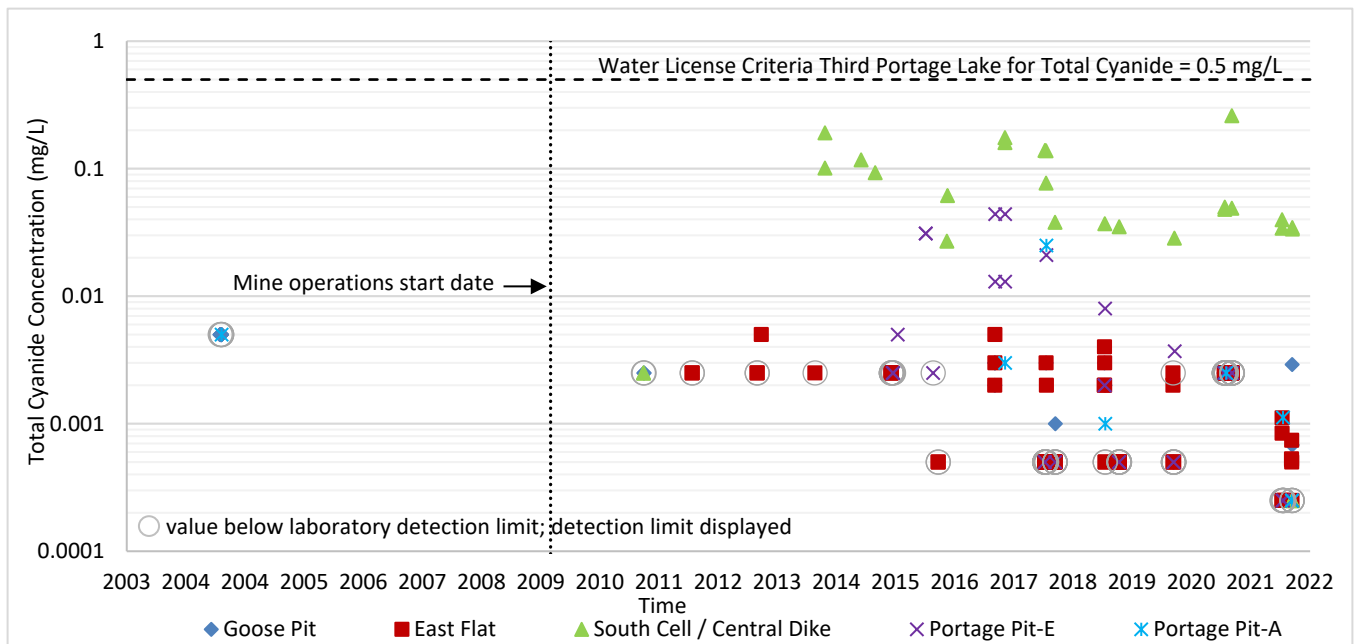


Figure 4: Historical concentrations of total cyanide in Meadowbank groundwater by area, between 2003 and 2022

The presence of cyanide is a stronger indicator of the presence of tailings reclaim water.

- Total cyanide concentrations in groundwater remain consistently below MAC criteria (0.5 mg/L) at all locations.

- Higher total cyanide concentrations measured in samples collected around the South Cell and Central Dike area are related to storage of reclaim water in the South Cell TSF.
- Concentrations of total cyanide are variable over time.
- Total cyanide concentrations in the Pit-A wall seepage samples have consistently been low with the exception of the 2018 sample which was collected within the northern limits of Pit-A, hydraulically downgradient from the TSF.

Arsenic

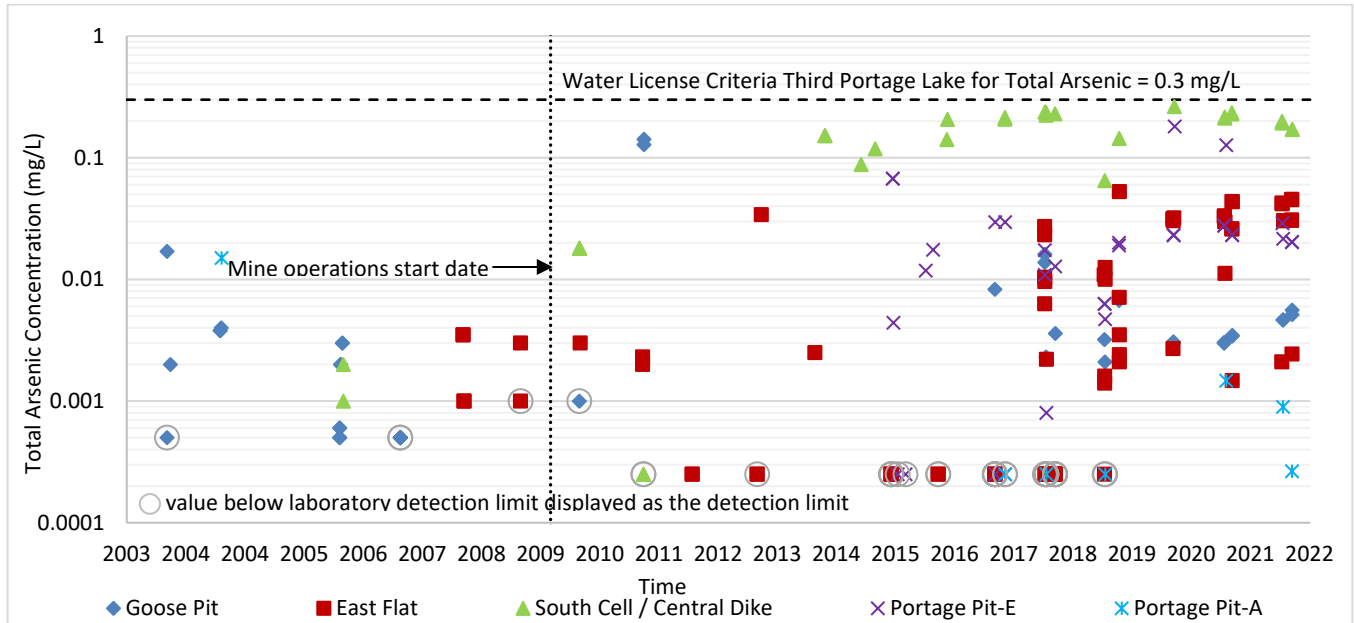


Figure 5: Historical concentration of total arsenic in Meadowbank groundwater by area, between 2003 and 2022.

- Total arsenic concentrations in groundwater remained consistently below MAC criteria (0.3 mg/L) in 2022, although south cell/central dike concentrations approach this comparative criterion. Dissolved arsenic in groundwater also remains consistently below the MAC criteria.
- Total arsenic concentrations in groundwater have generally been higher within the South Cell and Central Dike area compared to the other samples taken around the pit, locations most proximal to historical tailings deposition. Given that MW-16-01 is located hydraulically downgradient of the TSF and the presence of total, free and WAD cyanide in the sample, the elevated total arsenic observed at MW-16-01 is interpreted to be related to the operation of the TSF.
- The elevation of surface of tailings deposited in Pit-E was +/- 84 masl during the July 2022 survey and reclaim water elevation was 81.8 and 84.0 masl during July and September 2022, both of which are above the screened interval of MW-IPD-09 (71.4 to 52.4 masl), but below the water level at this well (132.2 masl), thus upgradient of flow to Pit E. Groundwater quality at MW-IPD-09 is not interpreted to be affected by reclaim water associated with IPD operations in Pit-E.

Chloride

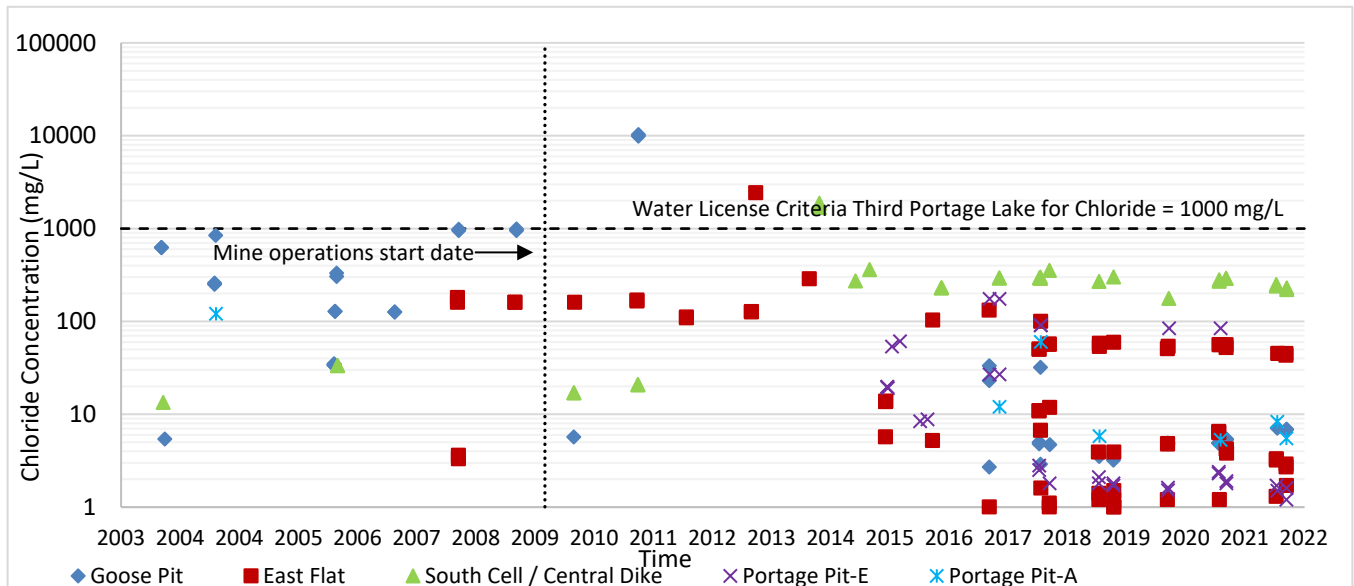


Figure 6: Historical concentration of chloride in Meadowbank groundwater by area, between 2003 and 2022.

- Chloride concentrations in groundwater remain consistently below MAC criteria (1,000 mg/L) since 2016.
- High concentrations of chloride were measured in several monitoring wells prior to 2014, particularly within the vicinity of Goose Pit. The elevated concentrations of chloride in groundwater at these locations may be related to residual calcium chloride drilling brine in samples. Concentrations of chloride measured in the IPD monitoring wells installed in 2018 remain low.
- Concentrations of chloride at South Cell and Central Dike are higher compared to the other monitoring locations. The elevated concentrations of chloride observed at these locations may be related to the reclaim water stored in the nearby South Cell TSF.

Copper

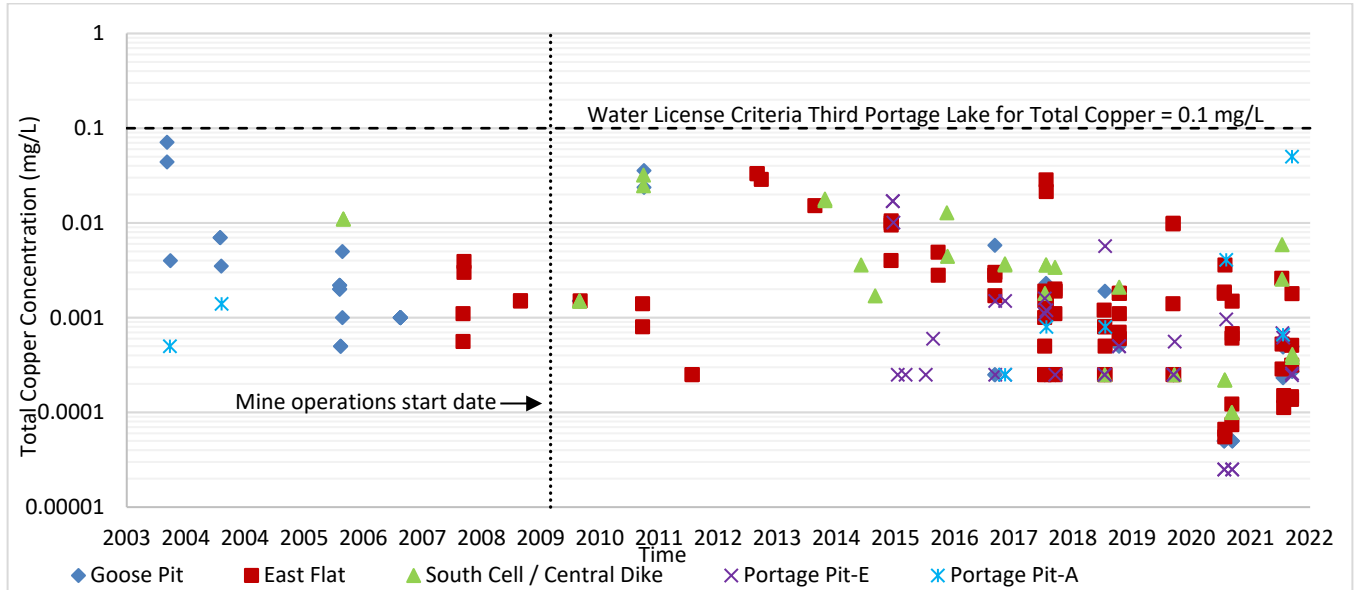


Figure 7: Historical concentrations of total copper in Meadowbank groundwater by area, between 2003 and 2022.

- Total copper concentrations in groundwater remain consistently below MAC criteria (0.1 mg/L). Dissolved copper in groundwater also remains consistently below the MAC criteria.
- Concentrations of total copper have generally decreased over time in most areas except Portage Pit A seep. In 2022, concentrations of total (and dissolved) copper in the South Cell/Central Dike east wall seepage sample were higher than previous years. Validation of this trend will be obtained during subsequent monitoring provided the area can be accessed safely.
- Total copper concentrations have increased in the Pit-A since 2021. In September 2022, concentrations of total and dissolved copper in water collected from the west wall of Pit-A were higher than those measured in August 2021. The pit wall seepage quality may be influenced by the chemistry of pit wall rock since the Pit-A east wall seep is adjacent to the Central Dump. Seep water sampling should continue at the west wall, if and when it is safe to do so, and at the east wall of Pit-A to identify potential sources of the copper in these waters.

Sulphate

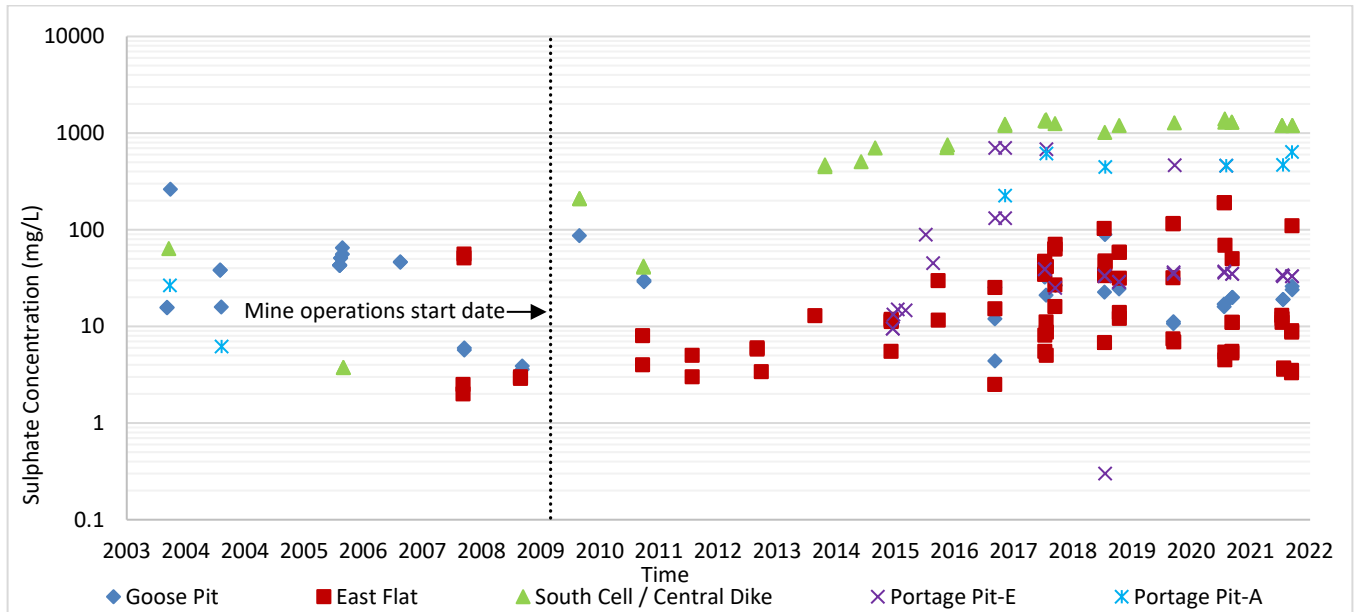


Figure 9: Historical concentrations of sulphate in Meadowbank groundwater by area, between 2003 and 2022.

- There is no MAC for sulphate concentration.
- Concentrations of sulphate at South Cell / Central Dike have increased from 2014 to 2018 and have generally remained stable. The presence of sulphate at that location is likely related to reclaim water seepage. Concentrations of sulphate at ST-S-5 in have ranged between 630 and 1,976 mg/L based on the available historical reclaim water chemistry (2018 to 2022).
- A sustained trend in concentrations of sulphate in the East Flat area. Low concentrations of sulphate reported to date at MW-IPD-01(s) during the September 2022 session (8.7 to 9.0 mg/L), while concentrations remained low at deeper monitor MW-IPD-01(d) (3.3 to 3.7 mg/L). The concentrations sulphate on the east side at MW-IPD-01(s) are lower than the concentrations on the west side of Pit A measured at MW-16-01.
- Concentrations of sulphate measured in Pit-A (east wall seepage) have generally been stable since 2018. The elevated concentration of sulphate compared to elsewhere may be related to sulfide mineral oxidation from pit walls.

4.3.3 Major Element Content

The major ion concentration in water is also used to discern reclaim water presence in groundwater. Figure 10 is a plot of sulphate concentration versus the sum of dissolved calcium and magnesium, where the reclaim water stations show a higher content of these components than waters deemed less affected or unaffected. The 2022 groundwater monitoring and surface water monitoring station data are displayed in colour and are compared to 2017-2021 data displayed in grey. The Pit-A, Pit-E and Goose Pit results prior to 2020 are not included in Figure 10 as these stations were not representative of reclaim water at the time of sampling.

Note that the sum of total calcium and total magnesium concentrations were plotted instead of the dissolved constituents based on the reclaim water data provided by Agnico Eagle for ST-S-5, ST-17, ST-19, ST-21-South and ST-21-North. Reclaim water sampled during the spring freshet (i.e., June) is subject to dilution and is not included in Figure 10. Calcium and magnesium are primarily present in the dissolved phase within the given conditions, therefore the use of the sum of the total concentrations of these parameters is reasonable for the purpose of this assessment.

The 2022 results show that reclaim water signature is present within the groundwater samples from MW-16-01 whereas this signature is occasionally minor in groundwater from MW-IPD-01(s) and non-existent in MW-IPD-01(d), MW-IPD-07, MW-IPD-09 and mine contact water ST-30 and ST-31. The 2022 Pit-A east wall seepage water and MBK Landfill water quality data has a mixed signature, intermediate between reclaim water and natural water.

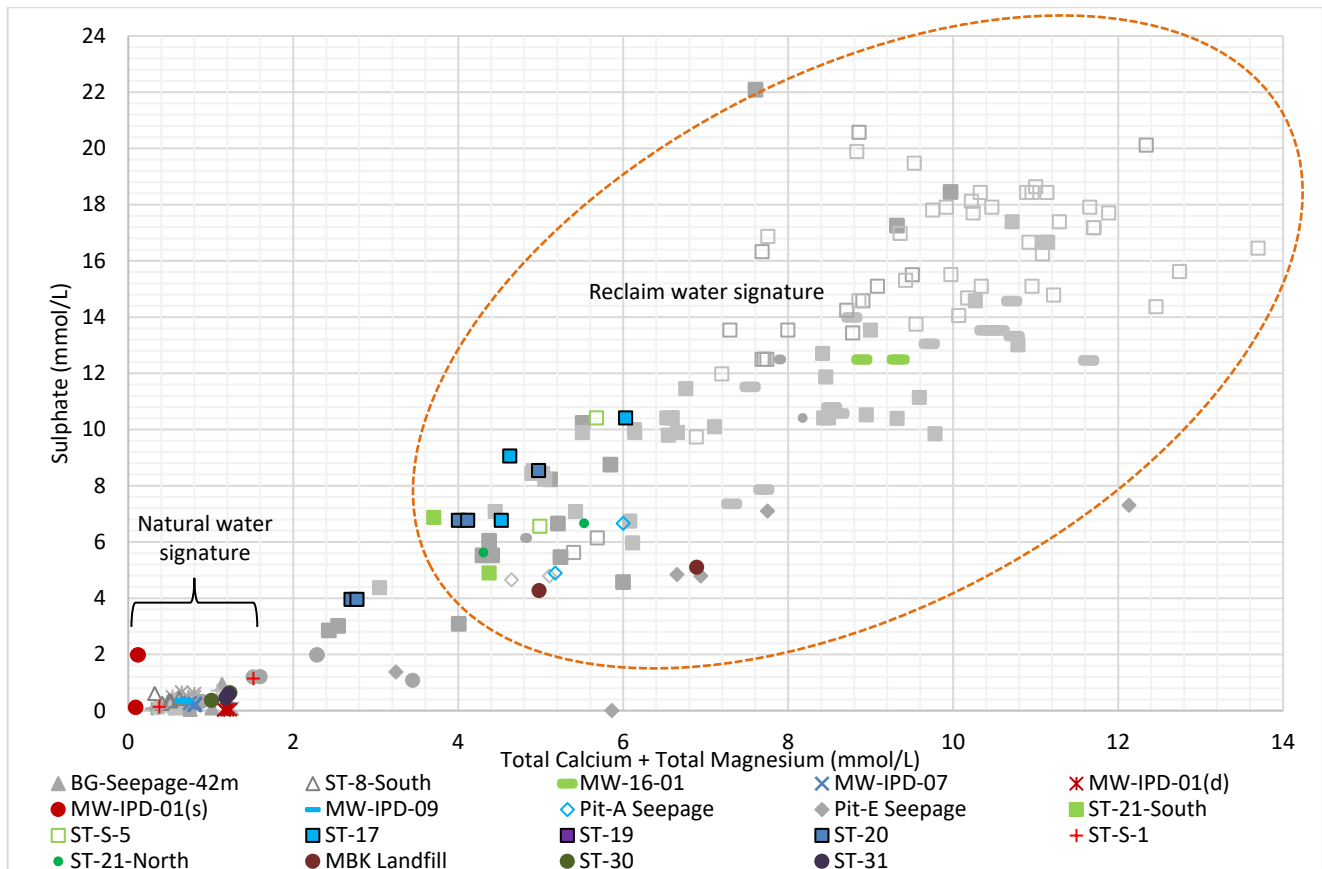


Figure 10: Concentrations of Sulphate versus Sum Total Calcium and Total Magnesium, 2017 to 2022.

4.3.4 Salinity

Table 6 shows that concentrations of salinity components are variable throughout the years. Salinity at the IPD wells is consistently low compared to the pre-2016 wells which show a variable but generally decreasing trend in salinity. This decreasing salinity trend of pre-2016 wells is likely to be attributed, at least in part, to the progressive flushing of the salt brine used during drilling. The low salinity of IPD well groundwater may also reflect residual drilling fluid content which had low salinity (drilling fluid used comprised of a copolymer of acrylamide and sodium acrylate) which was not tagged with a tracer dye. The quantity of residual drill fluid in the formation at IPD wells is unknown.

Table 6: Concentration of Constituents that Relate to Groundwater Salinity

Area	Monitoring Well	Sample Year	TDS ^(a) (mg/L)	Conductivity (µS/cm)	Chloride (mg/L)
Goose Island	MW03-01	2003	793	1,855	626
		2004	1,335	2,900	845
		2006	315 ^(b)	460 ^(b)	81 ^(b)
		2007	389	588	126
		2008	1,100	3,200	950
		2009	1,900 ^(b)	3,350 ^(b)	970 ^(b)
	MW11-01	2010	340	335 ^(b)	5.7
		2011	14,840	3,999	10,271
	MW-IPD-07	2018	171	Not Available	4.8
		2019	145	233 ^(b)	3.5 ^(b)
2020		154 ^(b)	260 ^(b)	4.8 ^(b)	
2021		140 ^(b)	245 ^(b)	5.1 ^(b)	
2022		133 ^(b)	219 ^(b)	7.0 ^(b)	
Third Portage East Flat	MW08-02	2008	510 ^(b)	808 ^(b)	160
		2009	520 ^(b)	705 ^(b)	160 ^(b)
		2010	450	690 ^(b)	160
		2011	523	782 ^(b)	169
		2012	307 ^(c)	616 ^(b)	111
		2013	411 ^(b)	484 ^(b)	127 ^(b)
		2014	57 ^(b)	95 ^(b)	9.7 ^(b)
		2015	74	109	13.7
		2016	264 ^(b)	442 ^(b)	54.1 ^(b)
		2017	380	323	132
	MW-IPD-01(s)	2018	178 ^(b)	176 ^(b)	53.4 ^(b)
		2018	158	Not available	10.8
		2019	298 ^(b)	576 ^(b)	3.9 ^(b)
		2020	220 ^(b)	387	4.8
		2021	205 ^(b)	322 ^(b)	5.2 ^(b)
	MW-IPD-01(d)	2022	75 ^(b)	127 ^(b)	3.0 ^(b)
		2018	294 ^(b)	Not available	53.3
		2019	321 ^(b)	516 ^(b)	57 ^(b)
		2020	235	385	53.8
		2021	214 ^(b)	380 ^(b)	55 ^(b)
2022	173 ^(b)	169 ^(b)	44.3 ^(b)		

Area	Monitoring Well	Sample Year	TDS ^(a) (mg/L)	Conductivity (μ S/cm)	Chloride (mg/L)
South Cell / Central Dike	BH10-01	2010	670 ^(b)	935 ^(b)	17
	MW11-02	2011	263	400 ^(b)	20.9
	MW-14-01	2014	3,152 ^(b)	5,030	1,777 ^(b)
		2015	1,243 ^(b)	1,817 ^(b)	317 ^(b)
	MW-16-01	2016	1,029 ^(b)	1,691 ^(b)	230 ^(b)
		2017	1,728 ^(b)	1,984 ^(b)	262 ^(b)
		2018	1,586	1,681	226
		2019	1,492 ^(b)	2,703 ^(b)	285 ^(b)
		2020	2,350	3,098	177
		2021	2,468 ^(b)	3,190 ^(b)	283 ^(b)
2022		2,098 ^(b)	3,247 ^(b)	235 ^(b)	
Portage Pit-E	MW-IPD-09	2018	132	Not available	2.8
		2019	120 ^(b)	189 ^(b)	1.9 ^(b)
		2020	133 ^(b)	204 ^(b)	1.6 ^(b)
		2021	116 ^(b)	217 ^(b)	2.1 ^(b)
		2022	133 ^(b)	69 ^(b)	1.5 ^(b)

Notes:

mg/L = milligram per litre; *Italic* - field measured value

- Laboratory measurement except for in 2011 which reported values as dissolved solids
- Average calculated value of annual, bi-annual and/or duplicate sample sets
- TDS value calculated from laboratory measured values of dissolved constituents

Salinity parameters are highest in groundwater at monitoring well MW-16-01 located directly east of the South Cell TSF and Central Dike, where it shows an increasing trend since 2016.

4.3.5 Cyanide, Arsenic and Chloride in Groundwater

The upward trend of cyanide (CN), arsenic (As) and chloride (Cl) concentrations of the one groundwater and nine surface samples for the period from 2017 to 2022 are presented in Figures 11 and 12. There is no correlation over time between CN versus Cl concentrations for most of the surface water and the groundwater samples (Fig. 11). Two exceptions to the CN vs Cl correlation were identified at Pit-A west wall seepage and ST-21-North with a correlation of 0.98 and 0.97, respectively. A weak correlation between CN vs Cl was observed at ST-21-South. A weak correlation between As versus Cl were identified at ST-21-South and SWMP with a $r^2 = 0.60$ and 0.65 , respectively (Fig. 12). This linear relationship indicates multiple cyanide, arsenic and chloride sources affecting the salinity of the groundwater of the Meadowbank mine.

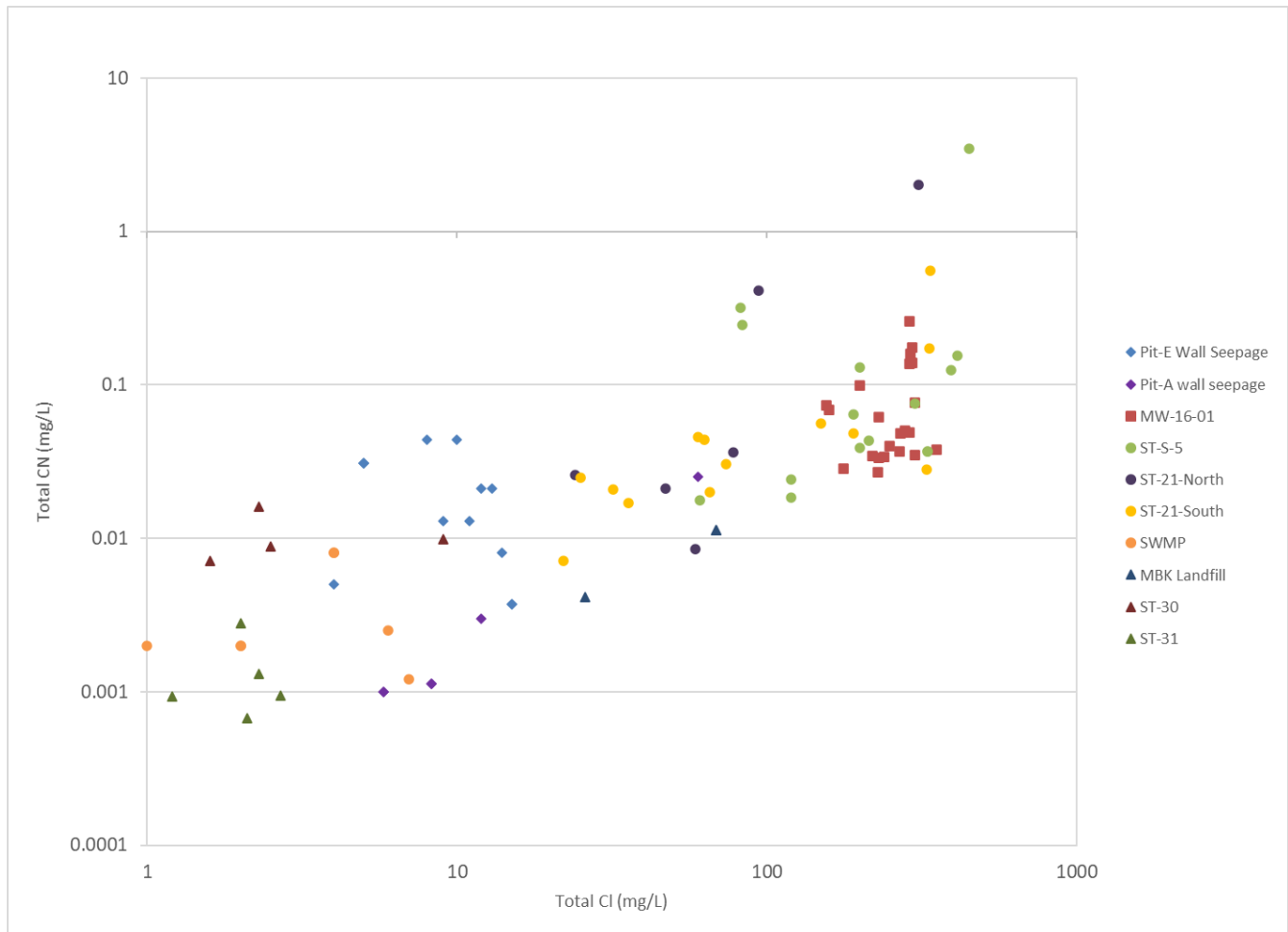


Figure 11: Concentration of Cyanide versus Chloride, 2017 to 2022.

Higher cyanide and arsenic concentrations were measured at MW-16-1, ST-S-5, ST-21-North, ST-21-South (Fig. 13). The groundwater and surface water quality from these locations are related to reclaim water from mining operations associated with the deposition of tailings in the tailings storage facility (TSF) and Central Dike Pond. Lower cyanide and arsenic concentrations are in line with those areas considered not to be representative of reclaim water including Pit-A east wall seepage, north of Portage RSF (ST-30 and ST-31), south of Portage RSF (MBK Landfill), and Stormwater Management Pond (SWMP). Noteworthy is that most samples have cyanide and arsenic concentrations below the discharge limit criteria, except for two samples ST-21-North (July 2022) and ST-S-5 (June 2022) as shown in Figures 11. Elevated cyanide concentrations (>0.5 mg/L) coincide with the highest chloride concentrations (>120 mg/L) on samples MW-16-1, ST-S-5, ST-21-South. Low cyanide-chloride concentrations were measured at ST-30, ST-31, SWMP, and Pit-A wall seepage.

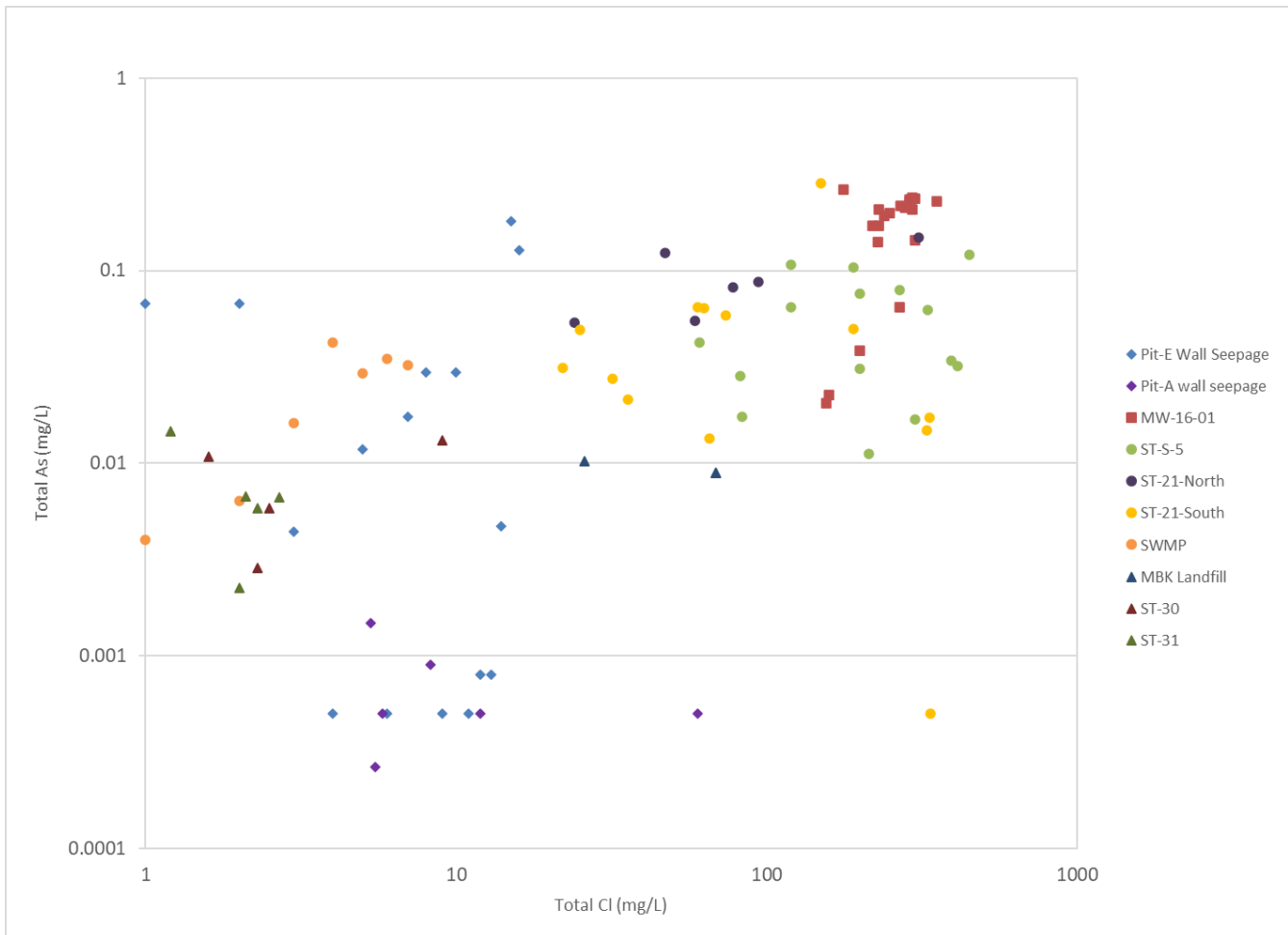


Figure 12: Concentrations of Arsenic versus Chloride, 2017 to 2022

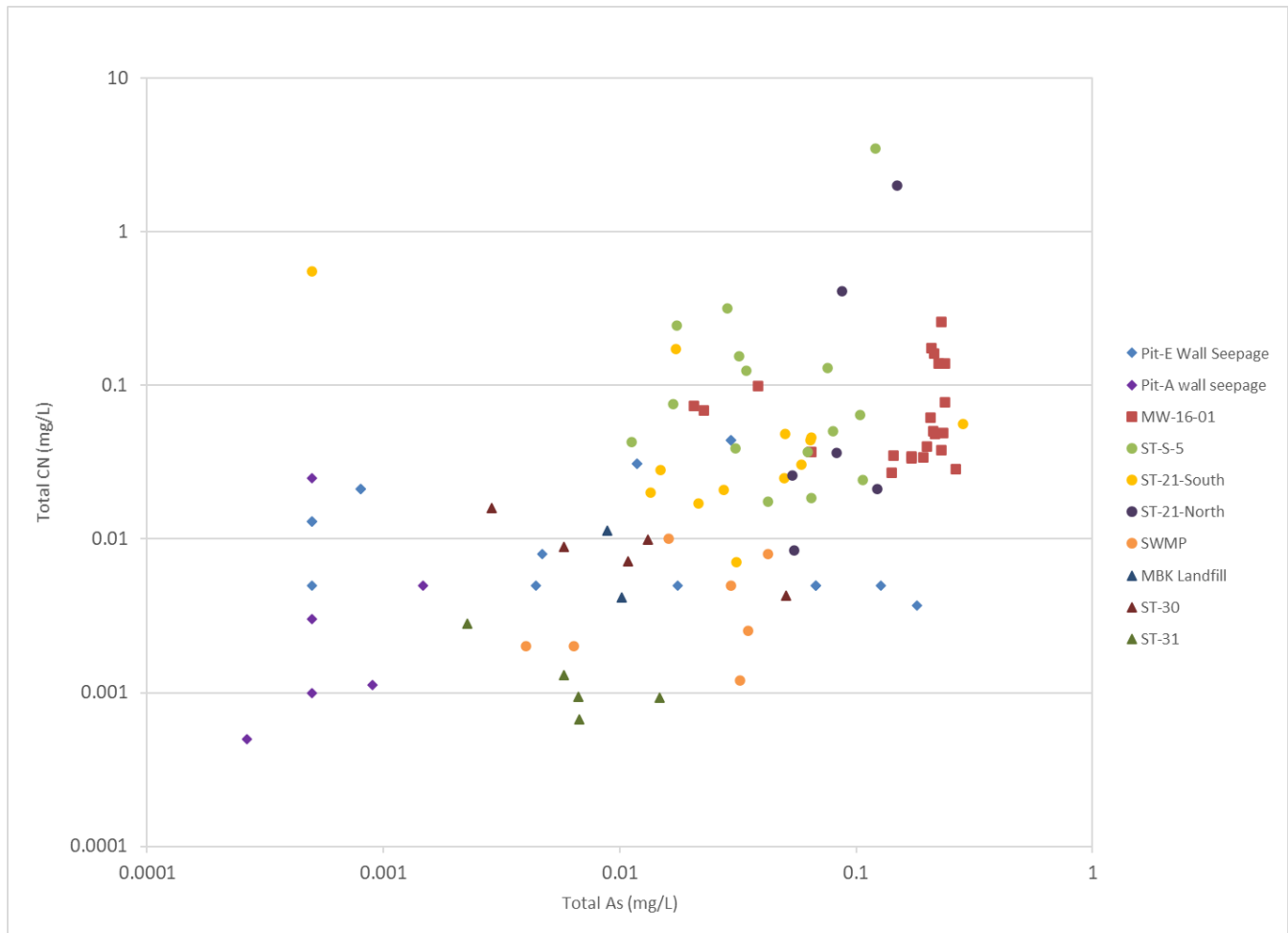


Figure 13: Concentrations of Arsenic versus Chloride, 2017 to 2022

4.4 Oxygen (¹⁸O) and Deuterium Isotopic Signatures

Isotope sampling was conducted in 2022 to support the understanding of groundwater movement along flow paths and identify the source and origin of water constituents. The data was used to help distinguish between the reclaim water signature and waste rock contact water.

Oxygen-18 ($\delta^{18}\text{O-H}_2\text{O}$) and deuterium ($\delta^2\text{H-H}_2\text{O}$) isotope values from groundwater, surface water and reclaim water samples collected at various locations in the Meadowbank mine site are plotted on Figure 14 along the Global Meteoric Water Line (GMWL, Rozanski *et al.* 1993) and Lupin MWL (Gibson, 1996) which may be more representative of precipitation in the continental Arctic of Canada. When discussing isotope results, enrichment refers to an increasing amount of the heavy isotope relative to the lighter isotope, which results in higher (in this case, less negative) values. Depletion refers to a lower amount of the heavy isotope relative to the lighter isotope, which results in lower (more negative) value.

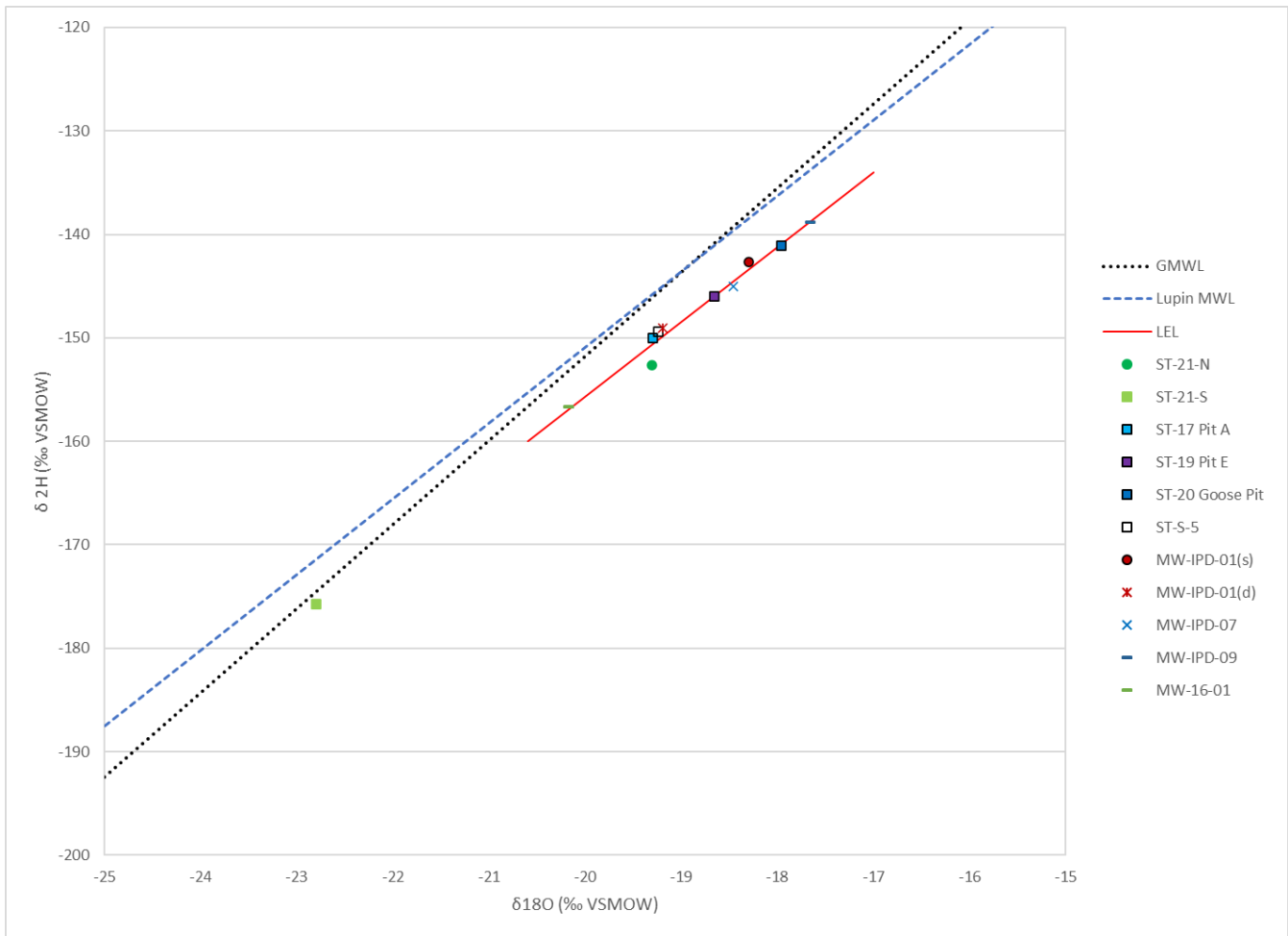


Figure 14: Water Isotopes – $\delta^{18}\text{O}$ and $\delta^2\text{H}$ Composition of Groundwater, Reclaim Water and Mine Contact Water Relationship between at Meadowbank mine site, July 2022. GMWL = Global Meteoric Water Line, Lupin MWL = Lupin Meteoric Water Line and LEL = Local Evaporation Line.

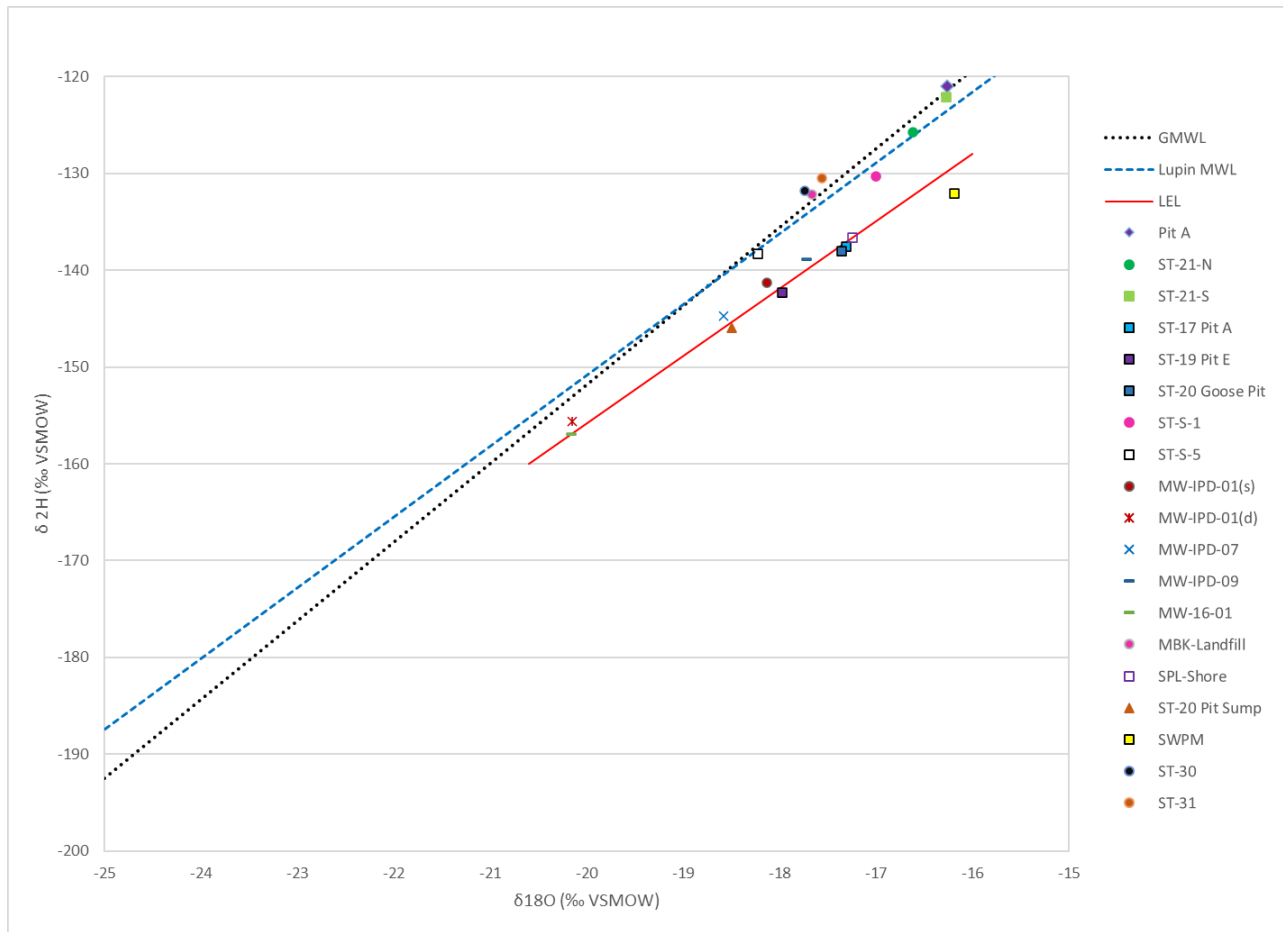


Figure 15: Water Isotopes – $\delta^{18}\text{O}$ and $\delta^2\text{H}$ Composition of Groundwater, Reclaim Water and Mine Contact Water Relationship between at Meadowbank mine site, September 2022. GMWL = Global Meteoric Water Line, Lupin MWL = Lupin Meteoric Water Line and LEL = Local Evaporation Line.

The following summarizes observations from these data:

- Samples collected at the Meadowbank mine site fall along or below the GMWL with the exception of the MBK-Landfill, ST-30 and ST-31, which fall slightly above the GWML.
- Surface water samples, including pit pond samples, the storm water management pond (SWPM) and SPL-Shore fall along a local evaporation line (LEL). Evaporation causes progressive enrichment of the heavier isotopes ($\delta^{18}\text{O}$ and $\delta^2\text{H}$) along a slope that is less than that of the GMWL; the enrichment and slope of the line reflects local humidity.
- Reclaim water from the South Cell TSF (ST-21-S) falls along the GMWL and is strongly affected by seasonal differences with a more depleted isotopic composition (closer to cold region rain water) in July 2022 ($\delta^{18}\text{O} = -22.8\text{‰}$ and $\delta^2\text{H} = -175.7\text{‰}$) compared to the more enriched (higher evaporation, warmer temperature water) sample collected in September 2022 ($\delta^{18}\text{O} = -16.27\text{‰}$ and $\delta^2\text{H} = -122.1\text{‰}$) These results indicate meteoric water is the main water source of recharge in the South Cell TSF. In general precipitation under cold temperatures is more depleted than under warm temperatures. The depleted isotopic composition of ST-21-S

in July is reflective of winter precipitation (snowmelt into TSF) and by September the isotopic composition is more enriched and reflecting summer precipitation.

- Reclaim water from the North Cell TSF (ST-21-N) was also strongly seasonally affected, with more depleted values in the July 2022 sample compared to the September 2022 sample. The July 2022 sample fell below the GMWL, and along the LEL indicating some evaporative impacts to the TSF water in July.
- Central Dike seepage (ST-S-5), located downgradient of the TSFs, had some seasonal variability with the July 2022 sample being slightly depleted in $\delta^{18}\text{O}$ and $\delta^2\text{H}$ relative to the September 2022 sample. ST-S-5 fell along the LEL in July and the GMWL in September indicating some variability in the source of water to the Dike seepage.
- Central Dike monitoring well, MW-16-01, also located downgradient of the TSFs, had little seasonal variability and was more depleted than the Central Dike seepage (ST-S-5) and the majority of through talik groundwater samples, except for MW-IPD-01(d) in September 2022.
- The through talik groundwater samples from MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07 and MW-IPD-09 have a seasonally affected isotopic signature, where both July and September samples were collected, and generally fell along the local evaporation line, indicating an evaporatively impacted source of recharge to these wells. An exception is the sample from MW-IPD-01(d) in September 2022, which was more depleted than the other through talik groundwater samples collected and fell closer to the GMWL. Generally, there was a trend of increasing depletion in $\delta^{18}\text{O}$ and $\delta^2\text{H}$ (colder temperature, natural waters) with depth in the through talik groundwater samples.

Reclaim water from the North and South Cell TSFs had strong seasonal variations in the isotopic signature, overriding isotopic differences based on sources waters or origin of the water. These results in poor isotopic fingerprinting of this source area. Seepage and groundwater downgradient of the TSFs, which has been inferred to be impacted by seepage from the TSFs based on the chemistry (Section 4.3) had more limited (ST-S-5) to no (MW-16-01) seasonal variation, indicating mixing of the TSF recharge waters averages out the isotopic signature in groundwater. Results of the isotope study show that $\delta^{18}\text{O}$ and $\delta^2\text{H}$ do not provide a reliable method of fingerprinting TSF seepage impacts in groundwater but do provide a preliminary set of isotopic results that may have future applications on site.

4.5 Evaluation of Effects of Reclaim Water on Groundwater

The following conclusions are based on the interpretation of the 2022 groundwater quality data:

- The groundwater quality in monitoring wells MW-IPD-01(d), MW-IPD-01(s), MW-IPD-07, MW-IPD-09 continues to display a chemical signature consistent with background groundwater and does not appear to be significantly affected by reclaim water. This is expected for monitoring well MW-IPD-01(s) considering it is screened higher than the tailings level. Additionally, the four IPD wells are situated hydraulically downgradient from the Second Portage Lake (MW-IPD-01(s) and MW-IPD-01(d)) and Third Portage Lake (MW-IPD-07 and MW-IPD-09), therefore water quality at these monitors is likely to be influenced by Lake water flowing (seeping) west towards the monitoring wells and the pits and not the TSF or IPD operations, at this time.
- Groundwater monitoring at MW-IPD-01(d) is completed at a greater depth than other monitoring points (i.e., 163-181 metres compared to 80 metres). The consistent groundwater quality at this location (including the chloride concentrations, which range from 43 mg/L to 59.4 mg/L) is considered to be representative of

natural water quality in the deeper bedrock unit and not affected by Meadowbank mining operations. Higher concentrations of chloride at MW-IPD-01(d) are interpreted to be related to the effect of salinity naturally increasing with depth (Frape & Fritz 1987).

- Reclaim water in the South Cell TSF continues to be a source of sulphate, chloride, sodium, calcium, manganese, and other trace elements for surface water and groundwater at the site. The groundwater quality at monitoring well MW-16-01 is interpreted to be affected by reclaim water from the South Cell TSF.
- Groundwater quality does not appear to be affected by IPD operations in the Goose Pit (July 2019 to August 2020) and Portage Pit-E (August 2020 to present).

4.6 Quality Assurance/Quality Control

The RPD and +/- MDL values calculated from the duplicate pairs of results are presented in Table B-2 included in Appendix B. Approximately 44% of the duplicate pairs of analyses had one or both results below the method detection limit and consequently could not be assessed for repeatability. QA/QC results for the duplicate samples were within acceptable tolerance limits (RPD or +/- MDL) with the following exceptions listed below in Table 7:

Table 7: Parameters Exceeding QA/QC Acceptable Tolerance Limits

Location	July Session	September Session
MW-16-01	None	Total phosphorus
MW-IPD-01(s)	Total phosphorous	None
MW-IPD-01(d)	None	None
MW-IPD-07	Hardness, DOC, Bromide, and Turbidity	Bromide
MW-IPD-09	Not applicable	None

Note: Not applicable – duplicate samples were not submitted for analysis

It is noted groundwater quality results for the samples collected from MW-IPD-01(d) on July 13 and July 16, 2022, (following additional development) were generally consistent, with the exception of a few parameters. Results from sample collected in July 16, 2022, indicate that TDS and cyanide species were lower compared to the July 13, 2022, sample while concentrations of aluminum, chromium, iron and zinc were higher. The reason for the deviation in these two constituents is unknown as the groundwater samples were filtered in the field prior to analysis. The presence of suspended solids in the samples may have influenced the concentrations of TDS and cyanide species, at MW-IPD-01(d). Duplicate concentrations of all parameters measured at these locations are within the historical range. Based on the available historical data, the analytical results for the samples discussed above are interpreted to be representative of water quality.

Section 2.5.2 of the GWMP states that one field blank and one travel blank will be collected during each monitoring session. WSP personnel collected a field blank and travel blank on July 11 and September 09, 2022. The results of the analysis of the field and trip blanks collected by WSP were very low or below the laboratory detection limits for most parameters, with the exception of the sample FB-22-1 collected on July 11, 2022 (Total Calcium = 2.53 mg/L). Trace components and major elements for all samples are considered adequately repeatable.

The calculated charge balance error for all samples was equal to or below +/- 10 % which is considered acceptable according to the USEPA (1994).

5.0 SUMMARY OF MONITORING WELL CONDITIONS

All monitoring wells and sampling equipment monitored in 2022 were in good condition and secure, with the following exceptions reported to Agnico Eagle personnel during the field program:

MW-IPD-01(d)

- The monitoring well is enclosed within a modified Seacan container. Improved from the 2020 and 2021 field programs: the doors to the Seacan were able to be fully shut at upon completion of the July and September 2022 field programs. The Seacan door should be maintained shut to protect the well enclosure from weather conditions, intrusion or damage by animals or traffic.

MW-IPD-09

- MW-IPD-01(d) and ground surface are situated in a low point. Ponding of surface water was visible at times around the HWT casing of the well. A plastic bag has been wrapped around the top of the HWT casing to prevent surface water from entering the HWT casing. The HWT casing can be extended and soil could be added around it to shed water away from the well. A more resistant cap (metallic cap) should be used instead of the plastic bag top.

MW-16-01

- Monitoring well MW-16-01 has a DVP and 300 metre water level tape stuck inside the well since the 2021 field program. The DVP is located at approximately 90 metres below the top of the HWT casing. This does not affect the operation of the well as both the DVP and monitoring well remain operational. This must continue to be considered when reviewing water quality data. No recovery efforts are deemed necessary as long as the monitoring well and DVP are operational and do not affect the water quality in the well.

Bladder Pumps

- There are two extra DVPs identified with labels for use on this program. WSP replaced the check ball valve in one DVP, however the unit now needs to be tested to confirm the unit is operational. The DVP removed from MW-16-01 in 2019 was repaired by Solinst during summer 2022.

6.0 CONCLUSIONS

The groundwater monitoring program was conducted in July and September 2022. WSP personnel collected groundwater samples from all five of the existing monitoring wells present on-site: MW-16-01, MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07, and MW-IPD-09. Agnico Eagle personnel also collected pit wall seepage samples from the west wall of Pit-A in July and September 2022 and provided supplemental water quality data. No groundwater samples were collected at Pit-E Seepage during the 2022 groundwater sampling campaign due to unstable ground surface conditions of the wall and the flooded conditions in the pit at the seepage inflow point.

Groundwater quality results were compared to the Portage effluent quality discharge limits stipulated in the Meadowbank water license, for comparative purposes only, as there are no groundwater quality criteria applicable to the site. All groundwater samples collected in 2022 met these screening criteria.

The chemical signature of the groundwater at MW-16-01 continues to trend towards that of the reclaim water based on elevated concentrations of arsenic, chloride, copper, iron, cyanide and sulphate relative to other monitoring locations. The groundwater quality at monitoring well MW-16-01 is interpreted to be affected by reclaim water from the South Cell TSF based on similar chemical signatures to reclaim water monitoring stations ST-21-North, ST-21-South (South Cell TSF surface water) and ST-S-5 (Central Dike seepage). These monitoring locations are located hydraulically downgradient of the South Cell TSF and Central Dike.

The chemical signature of the 2022 Pit-A wall seepage samples is dominated by major ions sulphate, magnesium and calcium and are interpreted to be representative of intermediate water signature (between that of natural waters and mine affected waters). The elevated concentrations of sulphate can also be related to the dissolution of sulfate salt from the oxidation of sulphide minerals in pit wall rock, while calcium and magnesium likely reflect alkalinity consumption from the same rock. Similarly, elevated concentration of copper measured in September 2022, may be influenced by waste rock contact water since the Pit-A east wall seep is located downgradient of the Second Portage Lake but adjacent to the Central (waste rock) Dump. Site access safety concerns associated with rising water levels in Pit-E may not allow the collection of pit wall seepage samples in the future.

The isotopic fingerprint evaluation show that $\delta^{18}\text{O}$ and $\delta^2\text{H}$ do not provide a reliable method of fingerprinting TSF seepage effects on groundwater because the isotopic signature of TSF water is more affected by seasonality than by source concentrations. At Meadowbank, chemical fingerprint is a stronger indicator of TSF seepage effects, where the presence of elevated cyanide and arsenic concentrations are associated with mining operations, specifically water from the TSF and Central Dike Pond. These results exclude any other source (i.e., mine rock contact water) that could fingerprint differently the isotopic composition of the groundwater and surface water at the station MW-16-01, ST-21-N, and ST-21-S. The 2022 isotope sampling program was not helpful in distinguishing between the reclaim water and waste rock contact water.

The groundwater quality in monitoring wells MW-IPD-01(d), MW-IPD-01(s), MW-IPD-07, MW-IPD-09 continues to display a natural water signature and can be used as background values against which to monitor groundwater quality in the future.

Based on the results of the 2022 groundwater monitoring program, the monitored groundwater quality locations do not appear to be affected by in-pit deposition operations in the Goose Pit from July 2019 to August 2021 or Portage Pit-E since operations commenced in August 2020. The four IPD monitoring wells remain hydraulically downgradient from Second Portage Lake (MW-IPD-01(s) and MW-IPD-01(d)) and Third Portage Lake (MW-IPD-07 and MW-IPD-09), such that water quality at these monitors is likely to be influenced by surface water flowing (Lake water seeping) west towards the monitoring wells and into the pits and not the TSF or IPD operations, at this time.

7.0 RECOMMENDATIONS

Based on the findings of the 2022 groundwater monitoring program, the following recommendations are made for the 2023 groundwater monitoring program:

- Continue to include a detailed survey of the water levels measured in the monitoring wells and surface water monitoring stations North Cell TSF, South Cell TSF, Central Dike Pond, Goose Pit, Goose West Pond, Pit-E, Pit-A, SWMP, Second Portage Lake and Third Portage Lake to document the hydraulic gradients influencing the potential movement of reclaim water and its potential effects to surface water related to Meadowbank Mine site operations. The movement of reclaim water across the site will change as the tailings and water levels in the IPD pits continue to increase over time.
- Continue to coordinate routine sampling of the Meadowbank Mine Water License stations of interest to the groundwater monitoring program such as reclaim water stations ST-17 (Pit-A), ST-19 (Pit-E), ST-20 (Goose Pit), Central Dike ST-S-5 (reclaim water) and East Dike discharge station ST-S-1 concurrently with the 2023 bi-annual groundwater monitoring program (i.e., MW-16-01, IPD monitoring wells, and Pit-A wall seepage, if accessible). Submit the samples for the same analytical parameters as those under the Table 2 of Schedule I of the Meadowbank Water Licence states that the groundwater must be monitored for Group 2

chemical parameters which include, per Table 1 of this Schedule (refer to analytical requirements listed in Table 2 of this report) to facilitate the assessment of groundwater quality, reclaim water movement and its potential effects to surface water of mining activities at the Meadowbank Mine site.

- Water quality data from sources that are affected by waste rock contact water that exclude tailings (i.e., MBK Landfill and near the Portage RSF) should continue to be collected and used to assist in distinguishing between the reclaim water signature and waste rock contact water.
- The decision to sample Pit-A and Pit-E seeps must continue to be based on safety of access. If and when safe to do so in 2023, bi-annual sampling of seepage at Pit-E and Pit-A west wall and east wall should be carried out in order to document water quality of seepages and compare against the copper concentration measured in 2022.
- Isotope analysis for the purpose of TSF water fingerprinting in groundwater is not recommended as it was found to be ineffective for that purpose. Continuing the water isotope analysis (oxygen-18 and deuterium) of future water samples collected from the pit wall seepage, reclaim water monitoring stations ST-S-5, ST-17, ST-19, ST-20 may nonetheless be beneficial to further document the seasonal effects on these ponded waters.
- During the field program planning phase, verify that nitrogen gas tank pressure at each monitoring well station is sufficiently high to complete the coming monitoring program. Nitrogen gas use in September 2022 (refer to Appendix A) indicate there might be insufficient supply of nitrogen gas in the tanks of wells MW-16-01 and MW-IPD-09 for monitoring program needs.
- In accordance with Table 2 of the Meadowbank Water License, continue to monitor seeps on a monthly basis or as often as present, and where and when safe to do so, and analyze collected waters for Group 1 parameters. Continue to conduct seepage survey of along the pit walls of Portage Pit-A and Portage Pit-E to evaluate effects related to South Cell TSF and collect pit wall samples where/when safe to do so. Take photographs of pit walls, document presence and absence of seeps, seepage locations, seepage discharge rates and water quality. It is understood that the west wall of Portage Pit-A will no longer be accessible due to the water elevation in the pit.

8.0 CLOSURE

The reader is referred to the Study Limitations, which follows the text and forms an integral part of this report. We trust the above meets your present requirements. If you have any questions or require additional information, please contact the undersigned.

WSP Canada Inc.

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[https://golderassociates.sharepoint.com/sites/163043/project files/6 deliverables/01 mbk/rev 0 - 2022 mbk groundwater report/22525330-571-r-rev0 2022-mbk groundwater_vjb2\(track\)_mp3.docx](https://golderassociates.sharepoint.com/sites/163043/project%20files/6%20deliverables/01%20mbk/rev%200%20-%202022%20mbk%20groundwater%20report/22525330-571-r-rev0%202022-mbk%20groundwater_vjb2(track)_mp3.docx)

9.0 STUDY LIMITATIONS

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10.0 REFERENCES

- Agnico Eagle (Agnico Eagle Mines Limited). 2020. Meadowbank Gold Project Groundwater Monitoring Plan, Version 11. April 2020.
- Clark, I. Fritz, P. Environmental Isotopes in Hydrogeology. First edition 1997. CRC Press LLC.
- Frape, S. K. and Fritz, P. 1987. Geochemical Trends for Groundwaters from the Canadian Shield. Saline Water and Gases in Crystalline Rocks. Editors: Fritz, P. and Frape, S.K. Geological Association of Canada Special Paper 33, p. 19-38.
- Gibson, J.J. 1996. Non-steady isotopic methods for estimated lake evaporation: development and validation in arctic Canada. Ph.D. Dissertation, University of Waterloo, Waterloo, Ontario, Canada.
- Golder Associates Ltd., (Golder). 2018. Evaluation of the Geochemical Properties of Waste Rock, Ore, Tailings, Overburden and Sediment Whale Tail Pit Project. November 2018. Ref. No. 1789310-182-RPT-Rev1.
- Golder. 2021 Groundwater Monitoring Report Meadowbank Mine, Nunavut. March 2021. 20147888-504-R-Rev0. March 2021.
- Golder. 2022 Groundwater Monitoring Report Meadowbank Mine, Nunavut. March 2022. 21452766-535-R-Rev0. March 2022.
- Rozanski et al, 1993. Isotopic patterns in modern global precipitation. Geophysical Monograph Series, Vol. 28, 1-36.
- SNCL (SNC-Lavalin). 2019. 2018 Groundwater Monitoring Program Report. Document No. 645182-3000-4EER-001. December 12, 2018.
- SNCL. 2020. 2019 Groundwater Monitoring Report. Document No. 665965-4000-4EER-0001. April 17, 2020.
- USEPA. 1994. USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review. EPA 540/R-94/013. Office of Emergency and Remedial Response, Washington, D.C. February 1994.

APPENDIX A

**2022 Monitoring Well Development
Logs and Supplementary Sampling
Information**

Groundwater Sampling Supplies Remaining On-Site

- Solinst Model 464 Electronic Pneumatic Pump Control Unit, compressed air lines and nitrogen regulator
- 2 x 200' rolls of ¼-inch LDPE tubing
- 1 x 100' roll of 3/8-inch LDPE tubing
- 2.5' 3/8-inch silicon tubing
- 2.5' 5/8-inch silicon tubing
- 1 x 200' 5/8-inch HDPE tubing

Nitrogen Gas

Table 8 summarizes the 2022 nitrogen gas usage and amount remaining in the tank(s) located at each of the five monitoring well locations. The amount of nitrogen gas remaining at each wellhead is sufficient for bi-annual groundwater monitoring session, with the exception of MW-IPD-01(d). Additional nitrogen will be required for the second session.

Table 8 Summary of Nitrogen Tank Pressures at Each Monitoring Well

Monitoring Well ID	Nitrogen Usage during Groundwater Monitoring Program (psi)		Nitrogen Tank Pressure Remaining at end of 2022 Groundwater Monitoring Program (psi)		
	July 2022	September 2022	Tank 1	Tank 2	Tank 3
MW-16-01	2,000	1,800	500	850	
MW-IPD-01(s)	1,100	700	1,700		
MW-IPD-01(d)	3,300	2,150	400	None	850
MW-IPD-07	100	250	1400		
MW-IPD-09	800	900	300		

APPENDIX A
Monitoring Well Development Logs - July 2022
Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

Location		MW-IPD-01(d)		Nitrogen Tank Pressure (Start)			Tank 1 - 2500 psi / Tank 2 - 1200 psi / Tank 3 - 2300 psi					Date:		2022-07-14		
Screen Depth (m)		163-181		Nitrogen Tank Pressure (End)			Tank 1 - 0 psi / Tank 2 - 1200 psi / Tank 3 - 2300 psi					Static Water Level:		14.03		
Pump Depth (m)		175		Pressure required to collect sample			First Round = 2500 psi					Field Personnel:		I. Wade		
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments
14-Jul-22	9:45	60	Medium	Start ECU - filling Flow Through Cell			14.03									horiba turbidity sensor does not work
14-Jul-22	9:50	60	Medium	30	0.15	0.15	14.08	8.43	0.252	23.82	1.22	14	-	0.164	0.1	Clear, slight odor
14-Jul-22	9:55	60	Medium	30	0.15	0.30	14.08	7.87	0.25	23.88	0.72	-70	-	0.162	0.1	Clear, slight odor
14-Jul-22	10:00	60	Medium	30	0.15	0.45	14.13	8.52	0.249	23.90	0.25	-122	-	0.161	0.1	Clear, slight odor
14-Jul-22	10:15	60	Medium	30	0.45	0.90	14.15	9.00	0.248	24.02	0.22	-145	-	0.161	0.1	Clear, slight odor
14-Jul-22	10:30	60	Medium	30	0.45	1.35	14.13	9.33	0.247	24.10	0.20	-156	-	0.161	0.1	Clear, slight odor
14-Jul-22	10:45	60	Medium	30	0.45	1.80	14.13	9.59	0.246	24.05	0.08	-157	-	0.160	0.1	Clear, slight odor
14-Jul-22	11:00	60	Medium	30	0.45	2.25	14.13	9.68	0.243	24	0.10	-152	-	0.159	0.1	Clear, slight odor
14-Jul-22	11:15	60	Medium	30	0.45	2.70	14.09	9.76	0.242	23.75	0.11	-141	-	0.158	0.1	Clear, slight odor
14-Jul-22	11:30	60	Medium	30	0.45	3.15	14.15	9.96	0.241	24.19	0.11	-139	-	0.160	0.1	Clear, slight odor
14-Jul-22	11:45	60	Medium	30	0.45	3.60	14.19	9.70	0.245	24.68	0.05	-158	-	0.160	0.1	Clear, slight odor
14-Jul-22	12:00	60	Medium	30	0.45	4.05	14.16	9.75	0.244	24.61	0.02	-152	-	0.153	0.1	Clear, slight odor
14-Jul-22	12:15	60	Medium	30	0.45	4.50	14.16	9.90	0.245	24.56	0.00	-162	-	0.160	0.1	Clear, slight odor
14-Jul-22	12:30	60	Medium	30	0.45	4.95	14.13	10.51	0.239	24.37	0.00	-172	-	0.160	0.1	Clear, slight odor
14-Jul-22	12:45	60	Medium	30	0.45	5.40	14.09	9.72	0.244	24.29	0.00	-127	-	0.159	0.1	Clear, slight odor
14-Jul-22	13:00	60	Medium	30	0.45	5.85	14.16	9.79	0.243	24.77	0.00	-146	-	0.159	0.1	Clear, slight odor
14-Jul-22	13:15	60	Medium	30	0.45	6.30	14.15	10.21	0.243	24.52	0.00	-176	-	0.158	0.1	Clear, slight odor
14-Jul-22	13:30	60	Medium	30	0.45	6.75	14.15	10.17	0.243	24.17	0.00	-172	-	0.158	0.1	Clear very low flow
14-Jul-22	13:45	60	Medium	30	0.45	7.20	14.16	9.77	0.240	23.57	0.03	-146	-	0.156	0.1	Clear, slight odor
14-Jul-22	14:00	135	Medium	90	1.35	8.55	14.16	10.38	0.243	23.42	0.1	-154	-	0.158	0.1	Clear, slight odor
14-Jul-22	14:15	130	Medium	90	1.35	9.90	14.16	10.24	0.243	23.33	0.04	-156	-	0.158	0.1	Clear, slight odor
14-Jul-22	14:30	130	Medium	50	0.75	10.65	14.15	9.69	0.243	23.25	0.07	-140	-	0.158	0.1	Clear, slight odor
14-Jul-22	14:45	130	Medium	55	0.83	11.48	14.16	9.88	0.243	22.94	0.19	-173	-	0.158	0.1	Clear, slight odor
14-Jul-22	15:00	130	Medium	55	0.83	12.30	14.18	10.20	0.243	23.59	0.00	-183	-	0.157	0.1	Clear, slight odor
14-Jul-22	15:15	130	Medium	70	1.05	13.35	14.18	10.17	0.243	23.55	0.00	-184	-	0.158	0.1	Clear, slight odor
14-Jul-22	15:30	130	Medium	70	1.05	14.40	14.19	10.23	0.242	23.52	0.00	-182	-	0.158	0.1	Clear, slight odor
14-Jul-22	15:45	130	Medium	70	1.05	15.45	14.14	9.96	0.232	22.88	0.00	-133	-	0.123	0.1	Clear, slight odor
14-Jul-22	16:00	130	Medium	80	1.20	16.65	14.30	9.89	0.228	23.09	0.00	-163	-	0.147	0.1	Clear, slight odor
14-Jul-22	16:15	130	Medium	85	1.28	17.93	14.25	9.83	0.196	22.53	0.00	-134	-	0.149	0.1	Clear, slight odor
14-Jul-22	16:30		change tank													
14-Jul-22	16:30	130	Medium	140	2.10	18.75	14.31	10.22	0.238	22.58	0.00	-176	-	0.155	0.1	Clear, slight odor
14-Jul-22	16:45	130	Medium	140	2.10	20.03	14.31	10.08	0.233	22.57	0.00	-157	-	0.157	0.1	Clear, slight odor
14-Jul-22	17:00	130	Medium	200	3.00	23.03	14.31	10.02	0.238	22.57	0.00	-168	-	0.153	0.1	Clear, slight odor
14-Jul-22	17:15	130	Medium	200	3.00	26.03	14.31	10.07	0.233	22.56	0.00	-166	-	0.152	0.1	Clear, slight odor
14-Jul-22	17:15		END Purging													
Stopped pumping																
Stop for the day, long day, revisit on 2022-07-15																
Location		MW-IPD-01(d)		Nitrogen Tank Pressure (Start)			Tank 1 - 0 psi / Tank 2 - 1200 psi / Tank 3 - 2300 psi					Date:		2022-07-15		
Screen Depth (m)		163-181		Nitrogen Tank Pressure (End)			Tank 1 - 0 psi / Tank 2 - 0 psi / Tank 3 - 0 psi					Static Water Level:		14.04		
Pump Depth (m)		175		Pressure required to collect sample			First Round = 2500 psi / Second Round = 3500 psi					Field Personnel:		I. Wade		
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments
15-Jul-22	9:30	130	Medium	Start ECU - filling Flow Through Cell			14.04									
15-Jul-22	9:35	130	Medium	97	0.49	0.49	14.03	6.95	0.238	22.09	0.46	-20	1.39	0.154	0.1	Clear, slight odor
15-Jul-22	9:45	130	Medium	95	0.95	1.44	14.11	7.44	0.237	21.4	0.45	-63	0.83	0.155	0.1	Clear, slight odor
15-Jul-22	10:00	130	Medium	110	1.65	3.09	14.15	7.43	0.235	22.07	0.00	-113	0.85	0.142	0.1	Clear, slight odor
15-Jul-22	10:15	130	Medium	99	1.49	4.57	14.18	8.10	0.233	22.72	0.00	-144	1.73	0.157	0.1	Clear, slight odor
15-Jul-22	10:30	130	Medium	110	1.65	6.22	14.23	8.25	0.240	22.64	0.00	-160	0.63	0.156	0.1	Clear, slight odor
15-Jul-22	10:45	130	Medium	90	1.35	7.57	14.23	8.14	0.219	22.57	0.00	-147	1.38	0.146	0.1	Clear, slight odor
15-Jul-22	11:00	130	Medium	120	1.80	9.37	14.23	7.59	0.241	22.64	0.00	-156	0.36	0.157	0.1	Clear, slight odor
15-Jul-22	11:15	130	Medium	120	1.80	11.17	14.24	7.64	0.217	22.57	0.00	-163	1.95	0.156	0.1	Clear, slight odor
15-Jul-22	11:30	130	Medium	120	1.80	12.97	14.25	7.67	0.241	22.76	0.00	-159	0.43	0.157	0.1	Clear, slight odor
15-Jul-22	11:45	130	Medium	120	1.80	14.77	14.25	7.71	0.23	22.58	0.00	-132	0.34	0.152	0.1	Clear, slight odor
15-Jul-22	12:00	125	Medium	109	1.64	16.41	14.25	7.72	0.231	22.18	0.00	-160	0.92	0.150	0.1	Clear, slight odor
15-Jul-22	12:15	125	Medium	109	1.64	18.04	14.25	7.65	0.24	22.47	0.00	-156	0.44	0.155	0.1	Clear, slight odor
15-Jul-22	12:30	125	Medium	93	1.40	19.44	14.25	7.70	0.238	22.61	0.00	-148	2.78	0.150	0.1	Clear, slight odor
15-Jul-22	12:45	125	Medium	93	1.40	20.83	14.25	7.82	0.239	22.35	0.00	-168	0.51	0.156	0.1	Clear, slight odor
15-Jul-22	13:00	125	Medium	93	1.40	22.23	14.23	7.88	0.240	22.53	0.00	-165	1.95	0.156	0.1	Clear, slight odor
15-Jul-22	13:15	125	Medium	50	0.75	22.98	14.20	7.92	0.239	22.32	0.00	-162	1.90	0.153	0.1	Clear, slight odor
15-Jul-22	13:30	125	Medium	40	0.60	23.58	14.15	7.95	0.241	23.11	0.00	-161	1.12	0.156	0.1	Clear, slight odor
15-Jul-22	13:45	125	Medium	85	1.28	24.85	14.25	8.32	0.241	23.06	0.00	-160	0.64	0.156	0.1	Clear, slight odor
15-Jul-22	14:00	125	Medium	85	1.28	26.13	14.22	8.52	0.240	23.09	0.00	-164	0.62	0.154	0.1	Clear, slight odor
15-Jul-22	14:15	125	Medium	85	1.28	27.40	14.18	8.54	0.240	22.71	0.00	-164	0.64	0.156	0.1	Clear, slight odor
15-Jul-22	14:35		change tank													
15-Jul-22	14:40	125	Medium	110	0.55	27.95	14.24	8.50	0.240	22.49	0.00	-164	1.09	0.156	0.1	Clear, slight odor
15-Jul-22	14:55	125	Medium	110	1.85	29.60	14.34	8.51	0.241	22.86	0.00	-164	1.02	0.157	0.1	Clear, slight odor
15-Jul-22	15:10	125	Medium	110	1.85	31.25	14.33	8.54	0.240	22.96	0.00	-164	1.09	0.156	0.1	Clear, slight odor
21-Jul-21																
Stopped pumping - out of Nitrogen																
Stop for the day - no nitrogen at monitoring well, long day, Start Sampling - MW-IPD-01(d)c																

APPENDIX A
Monitoring Well Development Logs - July 2022
Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

Location		MW-IPD-01(d)		Nitrogen Tank Pressure (Start)			Tank 4 - 1500 psi / Tank 5 - 2400 psi							Date:		2021-07-24	
Screen Depth (m)	163-181			Nitrogen Tank Pressure (End)			Tank 4 - 100 psi / Tank 5 - 500							Static Water Level:		14.14	
Pump Depth (m)	175			Pressure required to collect sample			First Round = 2500 psi / Second Round = 3500 psi / Third Round = 3300 psi							Field Personnel:		I. Wade	
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments	
16-Jul-22	8:10	135	Medium	Start ECU - filling Flow Through Cell			14.14										
16-Jul-22	8:20	135	Medium	120	1.20	1.20	14.34	7.64	0.241	19.76	0.09	-19	1.08	0.144	0.1	Clear, slight odor	
16-Jul-22	8:30	135	Medium	140	1.40	2.60	14.33	8.17	0.239	20.81	0.00	-50	1.14	0.159	0.1	Clear, slight odor	
16-Jul-22	8:45	135	Medium	150	2.25	4.85	14.33	8.27	0.235	20.65	0.00	-71	1.06	0.153	0.1	Clear, slight odor	
16-Jul-22	9:00	135	Medium	150	2.25	7.10	14.33	8.13	0.245	20.50	0.00	-76	0.80	0.145	0.1	Clear, slight odor	
16-Jul-22	9:15	125	Medium	150	2.25	9.35	14.28	7.44	0.193	19.25	0.00	-57	0.68	0.153	0.1	Clear, slight odor	
16-Jul-22	9:30	125	Medium	110	1.65	11.00	14.20	7.58	0.189	18.81	0.00	-77	0.60	0.139	0.1	Clear, slight odor	
16-Jul-22	9:45	125	Medium	110	1.65	12.65	14.19	7.81	0.238	18.33	0.00	-50	0.82	0.159	0.1	Clear, slight odor	
16-Jul-22	10:00	125	Medium	85	1.28	13.93	14.14	7.08	0.248	18.15	0.00	-64	0.69	0.122	0.1	Clear, slight odor	
16-Jul-22	10:15	125	Medium	70	1.05	14.98	14.13	8.50	0.242	20.11	0.00	-121	0.58	0.157	0.1	Clear, slight odor	
16-Jul-22	10:30	125	Medium	50	0.75	15.73	14.13	7.90	0.243	17.92	0.00	-42	0.46	0.120	0.1	Clear, slight odor	
16-Jul-22	10:45	125	Medium	50	0.75	16.48	14.13	7.70	0.214	17.31	0.00	-55	0.53	0.139	0.1	Clear, slight odor	
16-Jul-22	10:45	change tank															
16-Jul-22	11:00	125	Medium	84	1.26	17.74	14.19	7.80	0.240	20.62	0.00	-140	1.14	0.156	0.1	Clear, slight odor	
16-Jul-22	11:15	125	Medium	100	1.50	19.24	14.18	7.83	0.242	19.51	0.00	-124	0.64	0.158	0.1	Clear, slight odor	
16-Jul-22	11:30	125	Medium	100	1.50	20.74	14.22	7.86	0.241	20.14	0.00	-141	0.95	0.153	0.1	Clear, slight odor	
16-Jul-22	11:45	125	Medium	100	1.50	22.24	14.23	7.89	0.243	20.10	0.00	-140	0.75	0.160	0.1	Clear, slight odor	
16-Jul-22	12:00	125	Medium	100	1.50	23.74	14.23	7.92	0.239	21.41	0.00	-158	0.63	0.155	0.1	Clear, slight odor	
16-Jul-22	12:15	125	Medium	100	1.50	25.24	14.23	7.81	0.241	21.35	0.00	-147	0.72	0.156	0.1	Clear, slight odor	
16-Jul-22	12:30	125	Medium	100	1.50	26.74	14.23	7.91	0.244	19.73	0.00	-138	0.76	0.159	0.1	Clear, slight odor	
16-Jul-22	12:45	125	Medium	100	1.50	28.24	14.23	7.95	0.241	20.30	0.00	-142	0.71	0.158	0.1	Clear, slight odor	
16-Jul-22	13:00	125	Medium	100	1.50	29.74	14.23	7.94	0.24	20.90	0.00	-135	0.69	0.156	0.1	Clear, slight odor	
16-Jul-22	13:15	125	Medium	100	1.50	31.24	14.23	7.94	0.239	21.35	0.00	-166	0.67	0.155	0.1	Clear, slight odor	
16-Jul-22	13:30	125	Medium	100	1.50	32.74	14.23	7.90	0.239	21.19	0.00	-168	0.67	0.155	0.1	Clear, slight odor	
16-Jul-22	13:45	125	Medium	100	1.50	34.24	14.23	7.87	0.238	21.43	0.00	-173	0.70	0.155	0.1	Clear, slight odor	
16-Jul-22	13:45	Start Sampling - MW-IPD-01(d)a, MW-IPD-01(d)b															
16-Jul-22	15:00	End Sampling															
Location		MW-IPD-01(e)		Nitrogen Tank Pressure (Start)			2600 psi							Date:		2022-07-12	
Screen Depth (m)	51-69			Nitrogen Tank Pressure (End)			1500 psi							Static Water Level:		14.01	
Pump Depth (m)	60			Pressure required to collect sample			1100 psi							Field Personnel:		I. Wade	
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (mS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments	
12-Jul-21	11:50	110	Medium	Start ECU - filling Flow Through Cell			14.01	-	-	-	-	-	-	-	-	-	
12-Jul-21	11:55	110	Medium	150	0.75	0.75	14.01	6.16	0.139	27	0.61	-15	0.3	0.091	0.1	Clear, slight odor	
12-Jul-21	12:00	110	Medium	150	0.75	1.50	14.04	6.19	0.134	25.85	0.17	-25	0.0	0.063	0.1	Clear, slight odor	
12-Jul-21	12:05	110	Medium	150	0.75	2.25	14.03	6.08	0.133	25.62	0.17	-62	0.0	0.08	0.0	Clear, slight odor	
12-Jul-21	12:10	110	Medium	150	0.75	3.00	14.03	5.95	0.00	25.90	14.96	49	0.0	0.00	0.0	Clear, slight odor	
12-Jul-21	12:15	110	Medium	150	0.75	3.75	14.03	5.84	0.111	26.71	1.56	-16	0.0	0.085	0.0	Clear, slight odor	
12-Jul-21	12:20	110	Medium	150	0.75	4.50	14.03	7.03	0.132	26.66	0.43	13	0.0	0.086	0.1	Clear	
12-Jul-21	12:30	60	Medium	110	1.10	5.60	14.02	7.24	0.133	27.22	0.42	-34	0.0	0.062	0.0	Clear	
12-Jul-21	12:45	60	Medium	110	1.65	7.25	14.02	7.16	0.131	23.3	0.24	-75	0.0	0.085	0.1	Clear	
12-Jul-21	13:00	60	Medium	110	1.65	8.90	14.04	7.54	0.131	21.52	0.03	-142	0.0	0.085	0.1	Clear	
12-Jul-21	13:15	60	Medium	110	1.65	10.55	14.05	7.30	0.132	23.77	0.0	-35	0.0	0.081	0.1	Clear	
12-Jul-21	13:30	60	Medium	110	1.65	12.20	14.04	7.24	0.132	25.18	0.0	-60	0.0	0.085	0.1	Clear	
12-Jul-21	13:45	60	Medium	110	1.65	13.85	14.03	7.27	0.132	25.52	0.0	-51	0.0	0.082	0.1	Clear	
12-Jul-21	14:00	60	Medium	110	1.65	15.50	14.03	7.01	0.131	26.1	0.0	-43	0.1	0.084	0.1	Clear	
12-Jul-21	14:15	60	Medium	110	1.65	17.15	14.02	7.39	0.131	26.33	0.0	-46	0.0	0.081	0.1	Clear	
12-Jul-21	14:30	60	Medium	110	1.65	18.80	14.03	6.79	0.109	26.42	0.32	-72	0.0	0.054	0.0	Clear	
12-Jul-21	14:45	60	Medium	110	1.65	20.45	14.03	7.66	0.111	25.88	0.15	-31	0.0	0.81	0.0	Clear	
12-Jul-21	15:00	60	Medium	110	1.65	22.10	14.03	7.30	0.131	25.34	0.14	-88	0.0	0.084	0.1	Clear	
12-Jul-21	15:15	60	Medium	110	1.65	23.75	14.03	7.20	0.126	25.8	0.0	-58	0.0	0.074	0.0	Clear	
12-Jul-21	15:30	60	Medium	110	1.65	25.40	14.03	7.17	0.121	26.18	0.0	-	0.0	0.075	0.0	Clear, no stabilization for ORP	
12-Jul-21	15:45	60	Medium	110	1.65	27.05	14.03	7.26	0.123	26.09	0.0	-	0.0	0.08	0.0	Clear, no stabilization for ORP	
21-Jul-21	15:45	Start Sampling - MW-IPD-01(e)a, MW-IPD-01(e)b, MW-IPD-01(e)c															
21-Jul-21	17:10	End Sampling															

APPENDIX A
Monitoring Well Development Logs - July 2022
Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

Location		MW-IPD-07		Nitrogen Tank Pressure (Start)			1750 psi					Date:		2022-07-17		
Screen Depth (m)	42-50	Nitrogen Tank Pressure (End)			1650 psi					Static Water Level:		1.83				
Pump Depth (m)	40	Pressure required to collect sample			100 psi					Field Personnel:		I. Wade				
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments
17-Jul-22	9:25	28	Low	Filling flow through cell			1.83									Figuring out ECU details.
17-Jul-22	9:28	28	Low	75	0.23	0.23	1.96	6.50	0.178	18.27	0.00	-138	7.85	0.116	0.1	Slight odor, Clear
17-Jul-22	9:30	28	Low	75	0.15	0.38	1.96	6.74	0.18	18.4	0.00	-141	7.83	0.117	0.1	Slight odor, Clear
17-Jul-22	9:35	28	Low	75	0.38	0.75	1.99	6.95	0.179	18.19	0.00	-147	5.35	0.117	0.1	Slight odor, Clear
17-Jul-22	9:45	28	Low	80	0.8	1.55	2.02	7.18	0.183	18.47	0.00	-130	5.20	0.118	0.1	Slight odor, Clear
17-Jul-22	10:00	28	Low	80	1.2	2.75	2.07	7.37	0.181	18.4	0.00	-145	0.69	0.117	0.1	Slight odor, Clear
17-Jul-22	10:15	28	Low	90	1.35	4.1	2.11	7.49	0.184	18.57	0.00	-138	0.96	0.119	0.1	Slight odor, Clear
17-Jul-22	10:30	28	Low	90	1.35	5.45	2.13	7.55	0.184	18.58	0.00	-150	0.77	0.120	0.1	Slight odor, Clear
17-Jul-22	10:45	28	Low	92	1.38	6.83	2.15	7.60	0.184	18.76	0.00	-156	0.55	0.120	0.1	Slight odor, Clear
17-Jul-22	11:00	28	Low	92	1.38	8.21	2.18	7.62	0.183	18.82	0.00	-155	5.07	0.119	0.1	Slight odor, Clear
17-Jul-22	11:15	28	Low	92	1.38	9.59	2.15	7.70	0.184	18.51	0.00	-153	6.84	0.119	0.1	Slight odor, Clear
17-Jul-22	11:30	35	Low	120	1.8	11.39	2.18	7.68	0.182	18.95	0.00	-159	4.71	0.118	0.1	adjusting ECU, extra purge water
17-Jul-22	11:45	30	Low	80	1.2	12.59	2.18	7.70	0.183	18.36	0.00	-163	3.05	0.119	0.1	Slight odor, Clear
17-Jul-22	12:00	30	Low	80	1.2	13.79	2.20	7.70	0.183	18.56	0.00	-153	2.42	0.119	0.1	Slight odor, Clear
17-Jul-22	12:15	30	Low	90	1.35	15.14	2.23	7.68	0.182	18.71	0.00	-165	2.46	0.117	0.1	Slight odor, Clear
17-Jul-22	12:30	30	Low	100	1.5	16.64	2.21	7.70	0.181	19.07	0.00	-164	1.65	0.117	0.1	Slight odor, Clear
17-Jul-22	12:45	30	Low	100	1.5	18.14	2.26	7.70	0.175	18.68	0.00	-168	1.53	0.116	0.1	Slight odor, Clear
17-Jul-22	13:00	30	Low	100	1.5	19.64	2.35	7.70	0.178	18.85	0.00	-170	1.52	0.116	0.1	Slight odor, Clear
19-Jul-21	13:15	30	Low	100	1.5	21.14	2.32	7.67	0.173	18.83	0.00	-181	0.87	-0.112	0.1	Slight odor, Clear
19-Jul-21	13:30	30	Low	100	1.5	22.64	2.33	7.68	0.177	18.46	0.00	-185	0.93	0.115	0.1	Slight odor, Clear
19-Jul-21	13:45	30	Low	100	1.5	24.14	2.33	7.67	0.175	18.95	0.00	-193	0.92	0.116	0.1	Slight odor, Clear
19-Jul-21	14:00	30	Low	100	1.5	25.64	2.33	7.68	0.176	19.03	0.00	-189	0.98	0.114	0.1	Slight odor, Clear
19-Jul-21	14:00	Start Sampling - MW-IPD-07a, MW-IPD-07b, MW-IPD-07c														
19-Jul-21	16:00	End Sampling														
Location		MW-IPD-09		Nitrogen Tank Pressure (Start)			2200 psi					Date:		2022-07-13		
Screen Depth (m)	62-80	Nitrogen Tank Pressure (End)			1700 psi					Static Water Level:		1.32				
Pump Depth (m)	70	Pressure required to collect sample			500 psi					Field Personnel:		I. Wade				
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (mS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments
13-Jul-22	11:15	40	High	Start filling flow through cell			1.32									
13-Jul-22	11:20	40	High	120	0.60	0.60	1.71	8.56	0.137	22.36	1.09	-70	37.8	0.089	0.1	Slight odor, Clear, water level decreasing
13-Jul-22	11:25	40	High	120	0.60	1.2	1.71	8.73	0.144	21.59	0.35	-146	71.8	0.094	0.1	Slight odor, Clear
13-Jul-22	11:30	35	High	100	0.50	1.7	1.77	8.81	0.145	21.39	0.18	-159	84.6	0.093	0.1	Slight odor, Clear
13-Jul-22	11:35	35	High	100	0.50	2.2	1.78	8.81	0.141	21.55	0.14	-162	84.9	0.093	0.1	Slight odor, Clear
13-Jul-22	11:40	35	High	100	0.50	2.7	1.79	8.83	0.147	21.32	0.04	-165	81.7	0.095	0.1	Slight odor, Clear
13-Jul-22	11:45	35	High	100	0.50	3.2	1.81	8.86	0.147	21.40	0.00	-171	70.4	0.095	0.1	Slight odor, Clear
13-Jul-22	12:00	35	High	100	1.50	4.7	1.91	8.86	0.144	21.49	0.00	-175	62.2	0.095	0.1	Slight odor, Clear
13-Jul-22	12:15	35	High	100	1.50	6.2	1.96	8.88	0.147	21.01	0.00	-174	69.7	0.093	0.1	Slight odor, Clear
13-Jul-22	12:30	35	High	100	1.50	7.7	1.96	8.90	0.147	21.10	0.00	-180	67.7	0.096	0.1	Slight odor, Clear
13-Jul-22	12:45	35	High	100	1.50	9.2	1.96	8.98	0.147	20.97	0.00	-180	52.7	0.096	0.1	Slight odor, Clear
13-Jul-22	13:00	35	High	100	1.50	10.7	1.96	9.00	0.147	21.21	0.00	-192	51.6	0.096	0.1	Slight odor, Clear
13-Jul-22	13:15	35	High	100	1.50	12.2	1.96	9.05	0.147	21.12	0.00	-200	46.6	0.096	0.1	Slight odor, Clear
13-Jul-22	13:30	35	High	100	1.50	13.7	1.96	9.04	0.147	21.5	0.00	-178	58.2	0.095	0.1	Slight odor, Clear
13-Jul-22	13:45	35	High	100	1.50	15.2	1.99	9.05	0.147	21.68	0.00	-147	72.5	0.094	0.1	Slight odor, Clear
13-Jul-22	14:00	35	High	100	1.50	16.7	1.98	9.06	0.144	22.06	0.00	-145	70.8	0.093	0.1	Slight odor, Clear
13-Jul-22	14:15	35	High	100	1.50	18.2	1.98	9.08	0.143	22.82	0.00	-159	62.3	0.093	0.1	Slight odor, Clear
13-Jul-22	14:30	35	High	100	1.50	19.7	1.98	9.09	0.143	22.99	0.00	-176	61.7	0.093	0.1	Slight odor, Clear
13-Jul-22	14:45	35	High	100	1.50	21.2	1.98	9.10	0.143	23.01	0.00	175	58.3	0.093	0.1	Slight odor, Clear
13-Jul-22	15:00	35	High	100	1.50	22.7	1.98	9.12	0.14	24.01	0.00	-193	50.6	0.091	0.1	Slight odor, Clear
13-Jul-22	15:15	35	High	100	1.50	24.2	1.98	9.13	0.142	24.05	0.00	-192	52.0	0.091	0.1	Slight odor, Clear
13-Jul-22	15:30	35	High	100	1.50	25.7	1.98	9.12	0.140	24.60	0.00	-195	51.1	0.091	0.1	Slight odor, Clear
13-Jul-22	15:30	Start sampling at 15:30; MW-IPD-09a, MW-IPD-09b, MW-IPD-09c														
13-Jul-22	17:35	End Sampling at 17:35														
																high turbidity, samples will be retaken with another turbidity field parameter

APPENDIX A
Monitoring Well Development Logs - July 2022
Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

Location		MW-IPD-09	Nitrogen Tank Pressure (Start)				1600 psi						Date:		2021-07-18		
Screen Depth (m)	Pump Depth (m)	62-80	Nitrogen Tank Pressure (End)				1300 psi						Static Water Level:	1.42			
		70	Pressure required to collect sample				300 psi						Field Personnel:	I. Wade			
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (mS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments	
18-Jul-22	10:00	40	High	Start filling flow through cell				1.42									
18-Jul-22	10:05	40	High	120	0.6	0.6	1.67	6.76	0.148	18.20	0.23	-63	1.06	0.096	0.1	Slight odor. Clear	
18-Jul-22	10:10	40	High	120	0.6	1.2	1.68	7.01	0.147	18.35	0.12	-118	1.40	0.094	0.1	Slight odor. Clear	
18-Jul-22	10:15	30	High	84	0.42	1.62	1.68	7.21	0.145	18.54	0.01	-167	0.92	0.094	0.1	Slight odor. Clear	
18-Jul-22	10:30	30	High	84	1.26	2.88	1.68	7.63	0.147	18.45	0.05	-181	0.96	0.095	0.1	Slight odor. Clear	
18-Jul-22	10:45	30	High	84	1.26	4.14	1.74	7.64	0.146	18.59	0.00	-192	0.96	0.095	0.1	Slight odor. Clear	
18-Jul-22	11:00	35	High	100	1.5	5.64	1.80	8.02	0.147	18.21	0.00	-188	0.80	0.095	0.1	Slight odor. Clear	
18-Jul-22	11:15	35	High	100	1.5	7.14	1.85	8.12	0.146	18.49	0.00	-207	0.61	0.094	0.1	Slight odor. Clear	
18-Jul-22	11:30	35	High	100	1.5	8.64	1.87	8.16	0.147	17.95	0.00	-206	0.68	0.095	0.1	Slight odor. Clear	
18-Jul-22	11:45	35	High	100	1.5	10.14	1.88	8.20	0.147	17.64	0.00	-211	0.40	0.096	0.1	Slight odor. Clear	
18-Jul-22	12:00	35	High	100	1.5	11.64	1.93	8.22	0.147	18.08	0.00	-215	0.65	0.095	0.1	Slight odor. Clear	
18-Jul-22	12:15	35	High	100	1.5	13.14	1.93	8.24	0.147	17.55	0.00	-212	0.51	0.096	0.1	Slight odor. Clear	
18-Jul-22	12:30	35	High	100	1.5	14.64	1.93	8.25	0.147	17.72	0.00	-212	0.51	0.096	0.1	Slight odor. Clear	
18-Jul-22	12:45	35	High	100	1.5	16.14	1.93	8.26	0.149	17.65	0.00	-215	0.51	0.096	0.1	Slight odor. Clear	
18-Jul-22	13:00	35	High	100	1.5	17.64	1.93	8.29	0.145	18.36	0.00	-211	0.50	0.094	0.1	Slight odor. Clear	
18-Jul-22	13:00	Start sampling at 11:00; MW-IPD-09d, MW-IPD-09e															
18-Jul-22	14:00	End Sampling at 13:00															
Location		MW-16-01	Nitrogen Tank Pressure (Start)				Tank 1 - 2300 psi / Tank 2 - 600 psi						Date:		2022-07-11		
Screen Depth (mah)	Pump Depth (mah)	89-101	Nitrogen Tank Pressure (End)				Tank 1 - 850 psi / Tank 2 - 60 psi						Static Water Level:	5.70 m			
		-90	Pressure required to collect sample				2000 psi						Field Personnel:	I. Wade			
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (mS/cm)	Temp. °C	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (mg/L)	Salinity (ppt)	Comments	
11-Jul-22	10:10	100	High	Start Filling Flow Through Cell				5.7									Clear with yellow/orange tint
11-Jul-22	10:20	100	High	200	1	1	5.72	5.52	3.74	9.87	0.00	-12	0	2.36	1.8	Clear with yellow/orange tint	
11-Jul-22	10:25	100	High	200	1	2	5.72	5.66	3.51	6.27	1.80	-108	1.6	2.21	1.8	Clear with yellow/orange tint	
11-Jul-22	10:30	100	High	200	1	3	5.71	5.69	3.7	4.44	1.00	-122	1.0	2.3	1.9	Clear with yellow/orange tint	
11-Jul-22	10:35	100	High	200	1	4	5.71	5.67	3.62	4.91	1.00	-123	1.0	2.4	1.9	Clear with yellow/orange tint	
11-Jul-22	10:40	100	High	200	1	5	5.71	5.85	3.55	4.69	0.00	-137	0	2.29	1.8	Clear with yellow/orange tint	
11-Jul-22	10:45	100	High	180	0.90	5.9	5.71	5.90	3.64	5.37	0.60	-142	0.6	2.37	1.9	Clear with yellow/orange tint	
11-Jul-22	10:50	100	High	180	0.90	6.8	5.71	5.95	3.64	4.88	1.50	-148	1.5	2.27	1.8	Clear with yellow/orange tint	
11-Jul-22	10:55	90	High	170	0.85	7.65	5.71	5.97	3.64	4.72	3.10	-149	3.1	2.3	1.8	Clear with yellow/orange tint	
11-Jul-22	11:00	90	High	170	0.85	8.5	5.71	6.00	3.48	5.67	1.00	-151	1	2.24	1.8	Clear with yellow/orange tint	
11-Jul-22	11:05	90	High	170	0.85	9.35	5.71	6.02	3.48	5.75	0.80	-152	0.8	2.27	1.8	Clear with yellow/orange tint	
11-Jul-22	11:10	90	High	170	0.85	10.2	5.71	6.04	3.78	4.33	0.20	-155	0.2	2.42	1.9	Clear with yellow/orange tint	
11-Jul-22	11:15	90	High	170	0.85	11.05	5.71	6.03	3.75	4.7	0.40	-157	0.4	2.34	1.9	Clear with yellow/orange tint	
11-Jul-22	11:25	90	High	170	1.70	12.75	5.71	6.04	3.53	6.33	0.70	-156	0.7	2.23	1.8	Clear with yellow/orange tint	
11-Jul-22	11:35	90	High	170	1.70	14.45	5.71	6.05	3.61	5.5	0.90	-156	0.9	2.31	1.8	Clear with yellow/orange tint	
11-Jul-22	11:45	90	High	150	1.50	15.95	5.71	6.06	3.58	4.61	0.80	-156	0.8	2.29	1.9	Clear with yellow/orange tint	
11-Jul-22	12:00	90	High	150	2.25	18.2	5.71	6.07	3.53	6.08	0.80	-158	0.8	2.23	1.8	Clear with yellow/orange tint	
11-Jul-22	12:15	90	High	150	2.25	20.45	5.72	6.08	3.49	6.19	0.30	-158	0.3	2.2	1.8	Clear with yellow/orange tint	
11-Jul-22	12:30	90	High	90	1.35	21.8	5.72	6.09	3.6	4.84	0.00	-159	0.4	2.32	1.8	Clear with yellow/orange tint	
11-Jul-22	12:45	90	High	90	1.35	23.15	5.72	6.06	3.63	4.47	0.00	-156	0.2	2.32	1.8	Clear with yellow/orange tint	
11-Jul-22	13:00	90	High	90	1.35	24.5	5.72	6.06	3.67	4.51	0.00	-153	0.4	2.35	1.9	Clear with yellow/orange tint	
11-Jul-22	13:05	Start sampling at 13:30; MW-16-01a, MW-16-01b, MW-16-01c, FB-22-1, TB-22-1															
11-Jul-22	15:29	End sampling															

Notes:

Water level measurements reference meters below the top of the well casing

m = metres

mL/min = millimeter per minute

L = Litre

mS/cm = millisiemens per centimetre

psi = pounds per square inch

mg/L = milligram per litre

mV = millivolt

NTU = nephelometric turbidity units

ORP = oxygen reduction potential

ppm = parts per million

APPENDIX A
Monitoring Well Development Logs - September 2022
Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

Location		MW-IPD-01(d)		Nitrogen Tank Pressure (Start)			Tank 1 - 700 psi / Tank 2 - 2300 psi							Date:		2022-09-08	
Screen Depth (m)	163-181		Nitrogen Tank Pressure (End)			Tank 1 - 300 psi / Tank 2 - 2300 psi							Static Water Level:		14.01 m		
Pump Depth (m)	175		Pressure required to collect sample			Tank 1 - 400 psi / Tank 2 - 2300 psi							Field Personnel:		I. Wade		
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	TDS (mg/L)	Salinity (ppt)	Temp. °C	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Comments	
8-Sep-22	12:00	110	Medium	Start	Flow		14.01										
8-Sep-22	12:05	135	Medium	110	0.6	0.6	14.11	7.01	359	0.178	0.17	21.86	7.08	-276	1.40	clear, slight odour	
8-Sep-22	12:15	135	Medium	110	1.1	1.65	14.15	7.18	344	0.176	0.16	22.73	6.98	-302	1.46	clear, slight odour	
8-Sep-22	12:30	135	Medium	104	1.6	3.21	14.18	7.27	346	0.172	0.17	22.23	6.92	-277	1.34	clear, slight odour	
8-Sep-22	12:45	130	Medium	104	1.6	4.77	14.16	7.91	354	0.177	0.17	21.94	0.00	-290	0.40	clear, slight odour	
8-Sep-22	13:00	130	Medium	104	1.6	6.33	14.09	8.02	342	0.171	0.16	20.18	0.00	-285.1	0.21	clear, slight odour	
8-Sep-22	13:15																
ran out nitrogen gas																	
8-Sep-22	14:15	135	Medium	120	0.6	6.93	14.11	8.03	353	0.175	0.17	21.72	0.00	-288.7	0.17	clear, slight odour	
8-Sep-22	14:30	130	Medium	110	1.7	8.58	14.14	8.04	343	0.172	0.16	21.81	0.00	-299.8	0.16	clear, slight odour	
8-Sep-22	14:45	130	Medium	110	1.7	10.23	14.13	8.06	338	0.169	0.16	21.79	0.00	-300	0.16	clear, slight odour	
8-Sep-22	15:00	130	Medium	110	1.7	11.88	14.12	8.06	327	0.163	0.16	21.79	0.00	-302.5	0.16	clear, slight odour	
8-Sep-22	15:15	130	Medium	110	1.7	13.53	14.14	8.06	321	0.16	0.15	21.99	0.00	-305.1	0.15		
8-Sep-22	15:30	130	Medium	110	1.7	15.18	14.14	7.96	339	0.171	0.16	22.44	0.00	-254.6	0.16	clear, slight odour	
8-Sep-22	15:45	130	Medium	110	1.7	16.83	14.13	8.07	345	0.171	0.16	22.46	0.00	-296.1	0.16	clear, slight odour	
8-Sep-22	16:00	130	Medium	110	1.7	18.48	14.14	8.02	338	0.168	0.16	22.41	0.00	-301.3	0.16	clear, slight odour	
8-Sep-22	16:15	130	Medium	110	1.7	20.13	14.14	8.02	336	0.168	0.16	19.95	0.00	-301.4	0.23	clear, slight odour	
8-Sep-22	16:30	130	Medium	110	1.7	21.78	14.13	8.00	337	1.168	0.16	20.15	0.00	-301.9	0.21	clear, slight odour	
8-Sep-22	16:45	130	Medium	110	1.7	23.43	14.10	7.99	340	1.168	0.16	20.11	0.00	-301.9	0.28	clear, slight odour	
8-Sep-22	17:00	130	Medium	110	1.7	25.08	14.12	8.01	338	1.169	0.16	20.11	0.00	-283.7	0.35	clear, slight odour	
8-Sep-22	17:00																
End purging																	
Location		MW-IPD-01(d)		Nitrogen Tank Pressure (Start)			Tank 2 - 1300 psi / Tank 3 - 2500 psi							Date:		2022-09-09	
Screen Depth (m)	51-69		Nitrogen Tank Pressure (End)			Tank 2 - 0 psi / Tank 3 - 1650 psi							Static Water Level:		13.98 m		
Pump Depth (m)	60		Pressure required to collect sample			Tank 2 - 1300 psi / Tank 3 - 850 psi							Field Personnel:		I. Wade		
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	TDS (mg/L)	Salinity (ppt)	Temp. °C	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Comments	
9-Sep-22	9:30	130	Medium	Start	Flow		13.98										
9-Sep-22	9:40	130	Medium	120	1.2	1.2	14.02	7.35	0.342	0.171	0.16	21.57	0.2	-137.9	0.75	clear, no odour	
9-Sep-22	9:45	130	Medium	120	0.6	1.80	14.07	7.76	0.339	0.17	0.16	20.03	0.00	-254.8	0.81	clear, no odour	
9-Sep-22	10:00	130	Medium	105	1.6	3.38	14.05	7.80	0.343	0.170	0.16	20.23	0.00	-265.8	0.41	clear, no odour	
9-Sep-22	10:15	130	Medium	105	1.6	4.95	14.05	7.81	0.34	0.172	0.16	20.31	0.00	-267.4	0.19	clear, no odour	
9-Sep-22	10:30	130	Medium	105	1.6	6.53	14.05	7.80	0.344	0.171	0.16	20.37	0.00	-269.2	0.16	clear, no odour	
9-Sep-22	10:45	130	Medium	105	1.6	8.10	14.04	7.80	0.33	0.167	0.16	21.34	0.00	-265.0	0.16	clear, no odour	
9-Sep-22	11:00	130	Medium	105	1.6	9.68	14.04	7.79	0.33	0.165	0.17	21.62	0.00	-263.3	0.16	clear, no odour	
9-Sep-22	11:15	130	Medium	105	1.6	11.25	14.03	7.79	0.327	0.163	0.16	21.68	0.00	-263.2	0.15	clear, no odour	
9-Sep-22	11:30	130	Medium	105	1.6	12.83	14.03	7.78	0.328	0.164	0.16	21.54	0.00	-262.6	0.16	clear, no odour	
9-Sep-22	11:45	130	Medium	105	1.6	14.40	14.03	7.75	0.318	0.159	0.15	21.61	0.00	-259.80	0.12	clear, no odour	
9-Sep-22	12:00	130	Medium	105	1.6	15.98	14.03	7.75	0.318	0.159	0.15	21.56	0.00	-259.2	0.15	clear, no odour	
9-Sep-22	12:30																
Change tank																	
9-Sep-22	12:45	130	Medium	110	1.7	17.63	14.03	7.73	0.336	0.168	0.16	21.79	0.00	-269.7	0.41	clear, no odour	
9-Sep-22	13:00	130	Medium	110	1.7	19.28	14.05	7.74	0.337	0.168	0.16	21.89	0.00	-266.1	0.40	clear, no odour	
9-Sep-22	13:15	130	Medium	110	1.7	20.93	14.05	7.77	0.335	0.168	0.16	21.78	0.00	-266.2	0.41	clear, no odour	
9-Sep-22	13:30	130	Medium	110	1.7	22.58	14.05	7.74	0.333	0.167	0.16	21.82	0.00	-265.7	0.40	clear, no odour	
9-Sep-22	13:30																
9-Sep-22	13:30																
9-Sep-22	15:26																
End sampling MW-IPD-01(d)a, MW-IPD-01(d)b, MW-IPD-01(d)c, FB-22-1, TB-22-1																	

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Monitoring Well Development Logs - September 2022
Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

Location		MW-IPD-01(s)		Nitrogen Tank Pressure (Start)			Tank 1 - 2400 psi							Date:	2022-09-10		
Screen Depth (m)	51-69			Nitrogen Tank Pressure (End)			Tank 1 - 1700 psi							Static Water Level:	13.79 m		
Pump Depth (m)	60			Pressure required to collect sample			Tank 1 - 700 psi							Field Personnel:	I. Wade		
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	TDS (mg/L)	Salinity (ppt)	Temp. °C	DO (mg/L)	ORP (mV)	EC	Turbidity (NTU)	Comments
10-Sep-22	8:30	90	Medium				13.79										
10-Sep-22	8:35	90	Medium	250	1.3	1.25	13.81	7.49	130	0.065	0.06	19.01	6.64	-157.2		3.54	clear, no odor
10-Sep-22	8:45	70	Medium	225	2.3	3.50	13.81	7.92	131	0.065	0.06	18.95	6.07	-144.4		3.55	clear, no odor
10-Sep-22	9:00	60	Medium	140	2.1	5.60	13.81	8.04	132	0.066	0.06	19.42	4.26	-159.5		3.49	clear, no odor
10-Sep-22	9:15	50	Medium	100	1.5	7.10	13.81	8.08	131	0.066	0.06	19.42	4.96	-161.5		1.66	clear, no odor
10-Sep-22	9:30	50	Medium	100	1.5	8.60	13.81	8.09	125	0.062	0.06	22.84	0.38	-146.3		0.85	clear, no odor
10-Sep-22	9:45	50	Medium	100	1.5	10.10	13.82	8.1	124	0.062	0.06	23.02	0.26	-155.6		0.59	clear, no odor
10-Sep-22	10:00	50	Medium	100	1.5	11.60	13.81	8.1	123	0.062	0.06	23.03	0.29	-155.4		0.37	clear, no odor
10-Sep-22	10:15	50	Medium	100	1.5	13.10	13.81	8.08	124	0.063	0.06	22.73	0.24	-153.4		0.48	clear, no odor
10-Sep-22	10:30	50	Medium	100	1.5	14.60	13.81	8.07	125	0.062	0.06	23.07	0.06	-160.6		0.58	clear, no odor
10-Sep-22	10:45	50	Medium	100	1.5	16.10	13.81	8.07	125	0.063	0.06	22.82	0.36	-152.6		0.49	clear, no odor
10-Sep-22	11:00	50	Medium	100	1.5	17.60	13.81	8.07	124	0.062	0.06	22.99	0.25	-156.8		0.54	clear, no odor
10-Sep-22	11:15	50	Medium	100	1.5	19.10	13.81	8.06	124	0.063	0.06	22.28	0.28	-157		0.50	clear, no odor
10-Sep-22	11:30	50	Medium	100	1.5	20.60	13.81	8.05	126	0.063	0.06	22.16	0.20	-155.1		0.48	clear, no odor
10-Sep-22	11:45	50	Medium	100	1.5	22.10	13.82	8.07	124	0.063	0.06	22.65	0.21	-161.3		0.41	clear, no odor
10-Sep-22	12:00	50	Medium	100	1.5	23.60	13.81	8.06	124	0.063	0.06	23.08	0.55	-159.1		0.46	clear, no odor
10-Sep-22	12:30	50	Medium	100	1.5	25.10	13.81	8.05	125	0.062	0.06	23.05	0.51	-166.2		0.42	clear, no odor
10-Sep-22	13:00	50	Medium	100	3.0	28.10	13.81	8.19	121	0.060	0.06	23.14	0.0	-177.2		0.40	clear, no odor
10-Sep-22	13:15	50	Medium	100	1.5	29.60	13.81	8.16	123	0.063	0.06	22.51	0.0	-199.8		0.22	clear, no odor
10-Sep-22	13:30	50	Medium	100	1.5	31.10	13.81	8.14	120	0.061	0.06	22.62	0.0	-201.9		0.23	clear, no odor
10-Sep-22	13:45	50	Medium	100	1.5	32.60	13.81	8.14	121	0.060	0.06	22.51	0.0	-202.1		0.20	clear, no odor
10-Sep-22	14:00	50	Medium	100	1.5	34.10	13.81	8.09	122	0.061	0.06	22.43	0.0	-202.6		0.20	clear, no odor
10-Sep-22	14:15	Start sampling															
10-Sep-22	15:30	End sampling MW-IPD-01sa, MW-IPD-01sb, MW-IPD-01sc															
Location		MW-IPD-07		Nitrogen Tank Pressure (Start)			Tank 1 - 1650 psi							Date:	2022-09-12		
Screen Depth (m)	42-50			Nitrogen Tank Pressure (End)			Tank 1 - 1400 psi							Static Water Level:	1.91 m		
Pump Depth (m)	40			Pressure required to collect sample			Tank 1 - 250 psi							Field Personnel:	I. Wade		
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	TDS (mg/L)	Salinity (ppt)	Temp. °C	DO (mg/L)	ORP (mV)	EC	Turbidity (NTU)	Comments
12-Sep-22	9:18	Low	35	Start	Flow		1.91										
12-Sep-22	9:20	Low	35	120	0.2	0.2	1.97	8.00	255	0.13	0.12	20.16	0.0	-268.2		0.32	clear, strong odour
12-Sep-22	9:35	Low	30	110	1.7	1.89	2.08	7.67	277	0.13	0.13	20.16	0.0	-273.0		0.28	clear, strong odour
12-Sep-22	9:45	Low	30	110	1.1	2.99	2.14	7.79	268	0.14	0.13	19.95	0.0	-273.8		0.67	clear, strong odour
12-Sep-22	10:00	Low	30	110	1.7	4.64	2.18	7.87	264	0.13	0.13	20.09	0.0	-279.0		0.56	clear, slight odour
12-Sep-22	10:15	Low	30	110	1.7	6.29	2.18	8.15	265	0.13	0.13	19.76	0.0	-284.1		0.20	clear, slight odour
12-Sep-22	10:30	Low	30	100	1.5	7.79	2.20	8.20	267	0.13	0.13	19.29	0.0	-288.4		0.20	clear, slight odour
12-Sep-22	10:45	Low	30	100	1.5	9.29	2.32	8.23	262	0.13	0.13	19.99	0.0	-289.1		0.15	clear, slight odour
12-Sep-22	11:00	Low	30	100	1.5	10.79	2.25	8.24	264	0.13	0.13	19.81	0.0	-290.8		0.21	clear, slight odour
12-Sep-22	11:15	Low	30	100	1.5	12.29	2.33	8.16	266	0.13	0.13	19.5	0.0	-291.1		0.23	clear, slight odour
12-Sep-22	11:30	Low	30	100	1.5	13.79	2.28	8.25	266	0.13	0.13	19.57	0.0	-289.8		0.24	clear, slight odour
12-Sep-22	11:45	Low	30	100	1.5	15.29	2.30	8.27	260	0.13	0.13	19.51	0.0	-289.0		0.27	clear, slight odour
12-Sep-22	12:45	Low	30	100	1.5	16.79	2.45	8.25	265	0.13	0.13	18.29	0.0	-291.9		0.29	clear, slight odour
12-Sep-22	13:00	Low	30	100	1.5	18.29	2.38	8.25	260	0.13	0.13	19.39	0.0	-292.1		0.28	clear, slight odour
12-Sep-22	13:15	Low	30	100	1.5	19.79	2.35	8.30	264	0.13	0.13	19.55	0.0	-292.8		0.41	clear, slight odour
12-Sep-22	13:30	Low	30	100	1.5	21.29	2.43	8.31	264	0.13	0.12	18.4	0.0	-291.8		0.42	clear, slight odour
12-Sep-22	13:45	Low	30	100	1.5	22.79	2.44	8.31	260	0.13	0.12	19.81	0.0	-292.4		0.41	clear, slight odour
12-Sep-22	14:00	Low	30	100	1.5	24.29	2.44	8.31	262	0.13	0.12	19.94	0.0	-292.9		0.39	clear, slight odour
12-Sep-22	14:00	Start sampling															
12-Sep-22	16:15	End sampling MW-IPD-09a, MW-IPD-09b, MW-IPD-09c															

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Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

Location		MW-IPD-09	Nitrogen Tank Pressure (Start)				Tank 1 - 1200 psi								Date:	2022-09-11	
Screen Depth (m)		62-80	Nitrogen Tank Pressure (End)				Tank 1 - 300 psi								Static Water Level:	1.81 m	
Pump Depth (m)		70	Pressure required to collect sample				Tank 1 - 900 psi								Field Personnel:	I. Wade	
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	TDS (mg/L)	Salinity (ppt)	Temp. °C	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Comments	
11-Sep-21	8:45	35	High	Start	Flow		1.81										
11-Sep-21	8:45	35	High	100	1.5	1.5	1.81	7.92	205	0.10	0.10	19.21	0.0	-257.4	0.76	clear, no odor	
11-Sep-21	9:00	35	High	100	1.5	3	1.92	8.03	206	0.10	0.10	19.20	0.0	-240.4	0.73	clear, no odor	
11-Sep-21	9:15	35	High	100	1.5	4.5	2.00	8.08	206	0.10	0.10	19.14	0.0	-242.9	0.27	clear, no odor	
11-Sep-21	9:30	35	High	100	1.5	6	2.05	8.12	207	0.10	0.10	19.08	0.0	-244.3	0.25	clear, no odor	
11-Sep-21	9:45	35	High	100	1.5	7.5	2.07	8.13	206	0.10	0.10	19.01	0.0	-248.3	0.25	clear, no odor	
11-Sep-21	10:00	35	High	100	1.5	9	2.09	8.13	206	0.10	0.10	18.99	0.0	-248.9	0.27	clear, no odor	
11-Sep-21	10:15	35	High	100	1.5	10.5	2.10	8.14	206	0.10	0.10	19.05	0.0	-249.1	0.24	clear, no odor	
11-Sep-21	10:30	35	High	100	1.5	12	2.10	8.12	206	0.10	0.10	19.06	0.0	-249.1	0.21	clear, no odor	
11-Sep-21	10:45	35	High	100	1.5	13.5	2.10	8.12	205	0.10	0.10	19.20	0.0	-248.5	0.26	clear, no odor	
11-Sep-21	11:00	35	High	100	1.5	15	2.10	8.13	206	0.10	0.10	19.22	0.0	-248.3	0.26	clear, no odor	
11-Sep-21	11:15	35	High	100	1.5	16.5	2.10	8.14	206	0.10	0.10	19.29	0.0	-251.2	0.24	clear, no odor	
11-Sep-21	11:30	35	High	100	1.5	18	2.10	8.13	206	0.10	0.10	19.30	0.0	-254.1	0.28	clear, no odor	
11-Sep-21	11:45	35	High	100	1.5	19.5	2.10	8.13	206	0.10	0.10	19.30	0.0	-253.7	0.28	clear, no odor	
11-Sep-21	11:45	Start sampling															
11-Sep-21	13:20	End sampling MW-IPD-09a, MW-IPD-09b, MW-IPD-09c															
Location		MW-16-01	Nitrogen Tank Pressure (Start)				Tank 1 - 2300 psi / Tank 2 - 850 psi								Date:	2022-09-13	
Screen Depth (mah)		89-101	Nitrogen Tank Pressure (End)				Tank 1 - 500 psi / Tank 2 - 850 psi								Static Water Level:	5.48 m	
Pump Depth (mah)		~90	Pressure required to collect sample				Tank 1 - 1800 psi								Field Personnel:	I. Wade	
Date	Time	Pressure set on control box (psi)	Flow setting on Controller Unit	Flow Rate (mL/min)	Volume Removed (L)	Cumulative Volume Removed (L)	Water Level (m)	pH	EC (µS/cm)	TDS (mg/L)	Salinity (ppt)	Temp. °C	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Comments	
13-Sep-22	9:10	100	High	Start	Flow	-	5.48										
13-Sep-22	9:15	100	High	187	2.8	2.8	5.49	7.73	3075	1.54	1.59	1.59	1.34	-172.9	0.47	Clear, yellow tint	
13-Sep-22	9:30	90	High	187	2.8	5.6	5.49	7.74	2891	1.44	1.49	1.49	0.0	-170.7	0.52	Clear, yellow tint	
13-Sep-22	9:45	80	High	150	2.3	7.9	5.49	7.73	2873	1.44	1.47	1.44	0.0	-180.4	0.38	Clear, yellow tint	
13-Sep-22	10:00	80	High	100	1.5	9.4	5.50	7.80	2870	1.44	1.47	1.41	0.0	-181.4	0.38	Clear, yellow tint	
13-Sep-22	10:15	80	High	100	1.5	10.9	5.50	7.79	2868	1.43	1.47	1.43	0.0	-178.4	0.35	Clear, yellow tint	
13-Sep-22	10:30	80	High	100	1.5	12.4	5.50	7.79	2864	1.43	1.47	1.47	0.0	-176.8	0.18	Clear, yellow tint	
13-Sep-22	10:45	80	High	100	1.5	13.9	5.50	7.80	2837	1.42	1.46	1.49	0.0	-186.6	0.55	Clear, yellow tint	
13-Sep-22	11:00	80	High	100	1.5	15.4	5.50	7.80	2827	1.41	1.45	1.51	0.0	-190.2	0.18	Clear, yellow tint	
13-Sep-22	11:15	80	High	100	1.5	16.9	5.50	7.80	2819	1.41	1.45	1.57	0.0	-192.5	0.13	Clear, yellow tint	
13-Sep-22	11:30	80	High	100	1.5	18.4	5.50	7.80	2841	1.42	1.46	1.54	0.0	-189.8	0.18	Clear, yellow tint	
13-Sep-22	11:45	80	High	100	1.5	19.9	5.50	7.79	2838	1.42	1.46	1.56	0.0	-174.9	0.2	Clear, yellow tint	
13-Sep-22	12:00	80	High	100	1.5	21.4	5.50	7.80	2830	1.41	1.46	1.74	0.0	-178.5	0.18	Clear, yellow tint	
13-Sep-22	12:30	80	High	100	3.0	24.4	5.50	7.82	2828	1.42	1.46	1.84	0.0	-178.9	0.21	Clear, yellow tint	
13-Sep-22	13:00	80	High	100	3.0	27.4	5.50	7.83	2832	1.42	1.46	1.84	0.0	-178.4	0.27	Clear, yellow tint	
13-Sep-22	13:15	80	High	100	1.5	28.9	5.50	7.82	2827	1.41	1.45	1.74	0.0	-175.4	0.23	Clear, yellow tint	
13-Sep-22	13:30	80	High	100	1.5	30.4	5.50	7.81	2823	1.41	1.45	1.71	0.0	-178.7	0.29	Clear, yellow tint	
13-Sep-22	13:45	80	High	100	1.5	31.9	5.50	7.80	2824	1.41	1.45	1.86	0.0	-180.2	0.22	Clear, yellow tint	
13-Sep-22	13:45	Start sampling															
13-Sep-22	15:35	End sampling MW-16-01a, MW-16-01b and MW-16-01c															

Notes:

Water level measurements reference meters below the top of the well casing

m = metres

mL/min = millimeter per minute

L = Litre

µS/cm = microsiemens per centimetre

psi = pounds per square inch

mg/L = milligram per litre

mV = millivolt

NTU = nephelometric turbidity units

ORP = oxygen reduction potential

ppt = parts per trillion

ppm = parts per million

APPENDIX B

**2022 Groundwater Quality Results
and Quality Assurance/Quality
Control Analysis**

APPENDIX B

Table B-1: 2022 Groundwater Monitoring Program Water Quality Results
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

Water Quality Criteria / Mine Area	Monitoring Location	THIRD PORTAGE LAKE	GUIDELINES	DISCHARGE CRITERIA						South Cell/Central Dike				East Flat					
				CCME Guidelines	MMER Max. Monthly Mean	Water License, Max. Avg Conc.	Water License, Max. Avg Conc.	MW-16-01				MW-IPD-01(D)				MW-IPD-01(S)			
								MW-16-01	MW-16-01-DUP-1 Duplicate	MW-16-01	MW-16-01-DUP-1 Duplicate	MW-IPD-01D	MW-IPD-01D-DUP-1 Duplicate	MW-IPD-01D	MW-IPD-01D-DUP-1 Duplicate	MW-IPD-01S	MW-IPD-01S-DUP-1 Duplicate	MW-IPD-01S	MW-IPD-01S-A Duplicate
Field Parameters		Average- East Basin Summer 2015	Long Term, Based on 3PL quality	Schedule 4	Part F of License	Part F of License													
Temperature	°C	--	--	--	--	--	4.51	-	1.86	-	22.56	-	22.12	-	25.34	-	22.44	-	
pH	-	--	--	--	--	--	6.06	-	7.08	-	10.07	-	8.01	-	7.8	-	8.09	-	
Conductivity	µS/cm	--	--	--	--	--	3.67	-	2824	-	0.233	-	338	-	0.131	-	122	-	
Oxidation-Reduction Potential	millivolts	--	--	--	--	--	-154	-	-177	-	-166	-	-283.7	-	-88	-	-232.6	-	
Turbidity	NTU	--	--	--	--	--	0.4	-	0.22	-	37.8	-	0.35	-	0	-	0.2	-	
Salinity	PSU	--	--	--	--	--	4.6	-	4.50	-	1.0	-	1.0	-	0.24	-	0.23	-	
Total Dissolved Solids	mg/L	--	--	--	--	--	2.39	-	1412	-	0.152	-	169	-	0	-	61	-	
Dissolved Oxygen (Field)	mg/l	--	--	--	--	--	0	-	0	-	0	-	0	-	0	-	0	-	
General Chemistry																			
Alkalinity (Total as CaCO3)	mg/l	9.1	--	--	--	--	150	150	150	140	100	100	99	99	54	56	53	53	
Alkalinity, Bicarbonate (HCO3) as CaCO3	mg/l	--	--	--	--	--	150	150	150	140	100	100	97	97	54	55	52	52	
Alkalinity, Carbonate as CaCO3	mg/l	--	--	--	--	--	< 1.0	< 1.0	< 1.0	< 1.0	1.3	1.3	1.2	1.2	< 1.0	< 1.0	< 1.0	< 1.0	
Conductivity	uS/cm	--	--	--	--	--	3100	3100	2900	2900	360	360	360	360	140	160	140	140	
Dissolved Organic Carbon	mg/l	--	--	--	--	--	31	32	27	27	1.3	1.2	1.2	1.2	1	0.94	0.89	0.88	
Hardness, Calcium Carbonate, dissolved	mg/l	12.05	--	--	--	--	933	935	889	891	120	124	116	116	56.5	56	56.5	57.6	
Reactive Silica	mg/l	--	--	--	--	--	8.4	9.9	9.1	8.7	7.2	7.2	7.4	7	5.8	5.8	5.6	5.8	
Salinity	-	--	--	--	--	--	230	240	190	180	220	230	300	290	220	220	330	320	
Total Dissolved Solids (measured)	mg/l	22	--	--	--	--	2170	2210	1960	2050	170	180	170	155	85	90	65	60	
Total Organic Carbon	mg/l	--	--	--	--	--	30	30	26	26	1.2	1.2	1.4	1.4	1.1	1.1	0.99	1	
Total Suspended Solids	mg/l	< 1	⁽¹⁾	15	15	15	12	13	12	12	1	< 1	1	< 1	< 1	< 1	< 1	< 1	
Turbidity	NTU	--	--	--	--	--	79	80	57	65	0.2	< 0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.2	
Anions																			
Bromide	mg/l	--	--	--	--	--	2	2	1.7	2.5	0.49	0.49	0.6	0.6	0.043	0.05	0.051	0.048	
Chloride	mg/l	0.793	120	--	1000	500	240	250	220	230	45	45	43	43	3.3	3.2	2.9	2.7	
Fluoride	mg/l	0.0793	0.12	--	--	--	0.31	0.31	0.36	0.33	0.57	0.58	0.55	0.54	0.33	0.33	0.34	0.35	
Sulphate	mg/l	5.1	--	--	--	--	1200	1200	1200	1200	3.7	3.6	3.5	3.3	12	11	9	8.7	
Total Metals																			
Aluminum	mg/l	0.007475	0.1 ⁽²⁾	--	1.5	1.5	0.0539	0.0152	0.0232	0.0198	0.00838	0.0156	0.023	0.0146	0.011	0.0118	0.0135	0.0572	
Antimony	mg/l	--	--	--	--	--	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000020	< 0.000020	< 0.000020	< 0.000020	0.000115	0.000111	0.000096	0.00011	
Arsenic	mg/l	0.00051	0.005	0.5	0.3	0.1	0.193	0.199	0.171	0.171	0.0304	0.0303	0.0305	0.0308	0.0424	0.0418	0.0451	0.0454	
Barium	mg/l	0.0036575	--	--	--	--	0.0229	0.0225	0.0203	0.0204	0.0229	0.0232	0.0223	0.0216	0.00487	0.0047	0.00501	0.00523	
Beryllium	mg/l	--	--	--	--	--	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	
Bismuth	mg/l	--	--	--	--	--	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	
Boron	mg/l	--	--	--	--	--	0.086	0.089	0.102	0.1	0.199	0.197	0.169	0.171	0.023	0.023	0.03	0.026	
Cadmium	mg/l	0.000003	0.00004 ⁽³⁾	--	0.002	0.002	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	0.0000131	< 0.0000050	< 0.0000050	< 0.0000050	
Calcium	mg/l	--	--	--	--	--	240	238	211	211	24.1	24.8	23.5	23	13.7	13.7	13.6	13.8	
Chromium	mg/l	0.00011	0.001 ⁽⁴⁾	--	--	--	0.00088	0.00036	0.00041	0.00029	0.0002	0.00053	0.00058	0.00045	0.00014	0.00027	0.00015	0.00079	
Copper	mg/l	0.00060	0.002 ⁽⁵⁾	0.3	0.1	0.1	0.00589	0.00255	0.00038	0.00041	0.000112	0.00015	0.000146	0.000137	0.000526	0.000286	0.000314	0.000509	
Iron	mg/l	0.01733	0.3	--	--	--	5.32	5.23	4.55	4.63	0.114	0.154	0.139	0.123	0.105	0.0821	0.0798	0.217	
Lead	mg/l	0.00003	0.001 ⁽⁶⁾	0.2	0.1	0.1	0.000647	0.000246	0.000173	0.000149	0.0000548	0.000047	0.0000455	0.000037	0.0000918	0.0000598	0.0000513	0.000186	
Lithium	mg/l	--	--	--	--	--	0.0115	0.0118	0.0109	0.0111	0.00581	0.0058	0.00507	0.00499	0.00171	0.00171	0.00153	0.0016	
Magnesium	mg/l	--	--	--	--	--	81	82.9	88.2	88.3	14.6	15	13.9	14.3	5.45	5.31	5.48	5.63	
Manganese	mg/l	0.00155	--	--	--	--	2.2	2.28	2	2.03	0.0396	0.0408	0.0388	0.0389	0.069	0.0656	0.0662	0.0706	
Mercury	mg/l	0.00000	0.000026	--	0.0004	0.0004	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	
Molybdenum	mg/l	0.00019	0.073	--	--	--	0.0447	0.0456	0.0435	0.0443	0.00895	0.00903	0.00855	0.00863	0.00429	0.00426	0.00442	0.0044	
Nickel	mg/l	0.00059	0.025 ⁽⁶⁾	0.5	0.2	0.2	0.0022	0.00176	0.00129	0.00135	0.000481	0.000507	0.00039	0.000342	0.000674	0.000678	0.000717	0.00103	
Potassium	mg/l	--	--	--	--	--	18.9	19.5	15.3	15.3	1.3	1.33	1.24	1.23	2.02	1.94	1.9	1.94	
Selenium	mg/l	0.00003	0.001	--	--	--	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	
Silver	mg/l	0.00001	0.00025	--	--	--	0.000061	0.000115	< 0.000010	< 0.000010	0.0000052	0.0000098	< 0.0000050	< 0.0000050	0.0000098	0.0000071	0.0000069	0.0000051	
Sodium	mg/l	--	--	--	--	--	290	299	266	265	24.4	25.2	23.5	23.7	4.17	3.7	3.96	4.03	
Strontium	mg/l	0.01323	--	--	--	--	1.13	1.14	1.04	1.04	0.317	0.33	0.307	0.305	0.0963	0.0954	0.0961	0.0941	
Thallium	mg/l	0.00001	0.0008	--	--	--	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	
Tin	mg/l	--	--	--	--	--	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Titanium	mg/l	--	--	--	--	--	0.001	< 0.0010	< 0.0010	< 0.0010	< 0.00050	< 0.00050	0.00084	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00139	
Uranium	mg/l	0.00005	0.015	--	--	--	0.00493	0.00509	0.00551	0.0056	0.00052	0.000531	0.000461	0.000467	0.00429	0.00426	0.00431	0.00444	
Vanadium	mg/l	--	--	--	--	--	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Zinc	mg/l	0.00150	0.03	0.5	0.4	0.2	0.0118	0.00777	0.00291	0.00295	0.00133	0.00073	0.00103	0.00093	0.0205	0.00135	0.00281	0.00612	

Table B-1: 2022 Groundwater Monitoring Program Water Quality Results
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

Water Quality Criteria / Mine Area		GUIDELINES		DISCHARGE CRITERIA			South Cell/Central Dike				East Flat							
Monitoring Location	THIRD PORTAGE LAKE	CCME Guidelines	MMER Max. Monthly Mean	Water License, Max. Avg Conc.	Water License, Max. Avg Conc.	MW-16-01				MW-IPD-01(D)			MW-IPD-01(S)					
Sample ID						MW-16-01	MW-16-01-DUP-1	MW-16-01	MW-16-01-DUP-1	MW-IPD-01D	MW-IPD-01D-DUP-1	MW-IPD-01D	MW-IPD-01D-DUP-1	MW-IPD-01S	MW-IPD-01S-DUP-1	MW-IPD-01S	MW-IPD-01S-A Duplicate	
Sample Type	Average- East Basin Summer 2015	Long Term, Based on 3PL quality	Schedule 4	Part F of License	Part F of License	11-Jul-2022 ⁽²⁾	11-Jul-2022 ⁽²⁾	13-Sep-2022	13-Sep-2022	16-Jul-2022	16-Jul-2022	09-Sep-2022	09-Sep-2022	12-Jul-2022	12-Jul-2022	10-Sep-2022	10-Sep-2022	
Dissolved Metals																		
Aluminum	mg/l	0.0018	--	--	1	1	0.0018	0.0042	0.151	0.00683	0.00427	0.00669	0.00425	0.0187	0.0291	0.00336	0.00279	0.00251
Antimony	mg/l	--	--	--	--	--	< 0.000040	< 0.000040	0.000037	< 0.000020	< 0.000020	< 0.000020	< 0.000020	0.000105	0.000135	0.000115	0.000095	0.000099
Arsenic	mg/l	0.00048	--	0.5	--	--	0.0953	0.0974	0.185	0.177	0.0291	0.0293	0.0307	0.0295	0.0421	0.0421	0.0448	0.0452
Barium	mg/l	0.00366	--	--	--	--	0.0208	0.0216	0.0215	0.0194	0.0217	0.0219	0.0214	0.0226	0.00476	0.00505	0.00484	0.00508
Beryllium	mg/l	--	--	--	--	--	< 0.000020	< 0.000020	0.000021	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Bismuth	mg/l	--	--	--	--	--	< 0.000010	< 0.000010	0.0000108	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050
Boron	mg/l	--	--	--	--	--	0.087	0.091	0.097	0.098	0.186	0.191	0.198	0.204	0.022	0.023	0.033	0.027
Cadmium	mg/l	0.00000	--	--	--	--	< 0.000010	< 0.000010	0.0000256	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050
Calcium	mg/l	--	--	--	--	--	242	241	237	229	23.6	23.8	22.4	22.1	13.6	13.6	13.3	13.4
Chromium	mg/l	0.00005	--	--	--	--	< 0.00020	< 0.00020	0.00132	< 0.00010	0.00026	< 0.00010	0.00057	0.00024	0.0003	< 0.00010	< 0.00010	< 0.00010
Copper	mg/l	0.00052	--	0.3	--	--	0.00093	0.00116	0.00297	0.000193	0.000284	0.000132	0.000117	0.000179	0.00103	0.000997	0.000172	0.000178
Iron	mg/l	0.00500	--	--	--	--	1.57	1.56	5.36	4.66	0.0883	0.0795	0.112	0.0897	0.0978	0.0562	0.0364	0.0345
Lead	mg/l	0.00003	--	0.2	--	--	< 0.000010	0.000028	0.0041	0.0000293	0.0000356	0.0000352	0.0000224	0.0000661	0.000122	0.0000306	0.0000248	0.0000263
Lithium	mg/l	--	--	--	--	--	0.0117	0.012	0.0109	0.0106	0.00572	0.00567	0.0052	0.00526	0.00169	0.00172	0.00171	0.00171
Magnesium	mg/l	--	--	--	--	--	82	84.1	90.6	88	13.7	13.9	14	13.7	5.45	5.35	5.12	5.19
Manganese	mg/l	0.00117	--	--	--	--	2.28	2.28	2.18	2.16	0.037	0.0376	0.0374	0.0375	0.0664	0.0654	0.0603	0.0609
Mercury	mg/l	0.00000	--	--	--	--	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	mg/l	0.00018	--	--	--	--	0.0454	0.0457	0.048	0.0473	0.00869	0.00864	0.0087	0.00848	0.00427	0.00424	0.00434	0.00442
Nickel	mg/l	0.00049	--	0.5	--	--	0.00157	0.00162	0.0034	0.00115	0.000378	0.000355	0.000382	0.000369	0.000808	0.000711	0.000595	0.000609
Potassium	mg/l	--	--	--	--	--	19.2	19.5	16.5	15.9	1.25	1.3	1.25	1.23	1.96	1.96	1.84	1.87
Selenium	mg/l	0.00003	--	--	--	--	< 0.000080	< 0.000080	0.000071	0.000065	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040
Sodium	mg/l	--	--	--	--	--	301	306	272	267	22.8	23.6	22.8	22.6	3.8	3.73	3.68	3.69
Strontium	mg/l	0.01345	--	--	--	--	1.12	1.14	1.11	1.06	0.31	0.311	0.314	0.308	0.0942	0.0944	0.0935	0.0951
Thallium	mg/l	0.00001	--	--	--	--	0.000093	0.000053	0.000041	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020
Tin	mg/l	--	--	--	--	--	< 0.00040	< 0.00040	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Titanium	mg/l	--	--	--	--	--	< 0.0010	< 0.0010	0.00161	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00094	0.00065	< 0.00050	< 0.00050	< 0.00050
Uranium	mg/l	0.00005	--	--	--	--	0.0049	0.0051	0.00608	0.00575	0.000495	0.000492	0.000478	0.000472	0.00422	0.00421	0.00426	0.00434
Vanadium	mg/l	--	--	--	--	--	< 0.00040	< 0.00040	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Zinc	mg/l	0.00063	--	0.5	--	--	0.00698	0.0105	0.0208	0.00204	0.00067	0.00177	0.00094	0.00742	0.00399	0.00255	0.00144	0.00195
Nutrients																		
Ammonia Nitrogen as NH4	mg/l	0.0145	1.83	--	16	20	11	11	8.5	8.5	0.061	< 0.061	< 0.061	< 0.061	0.074	< 0.061	< 0.061	< 0.061
Ammonia Nitrogen	mg/l	0.0145	1.83	--	16	20	9	9.1	7	7	0.05	< 0.050	< 0.050	< 0.050	0.061	< 0.050	< 0.050	< 0.050
Ammonia, unionized	mg/l	--	--	--	--	--	0.0012	0.0013	0.042	0.042	0.007	< 0.007	< 0.007	< 0.0012	0.00067	< 0.00055	< 0.0027	< 0.0027
Nitrogen, Nitrate-Nitrite	mg/l	--	--	--	--	--	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Nitrate as N	mg/l	0.0331	2.9355	--	20	50	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Nitrite as N	mg/l	--	--	--	--	--	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phosphate, Ortho	mg/l	--	--	--	--	--	0.011	< 0.010	0.024	< 0.010	< 0.010	0.012	0.01	0.012	0.027	0.022	0.021	0.021
Nitrogen, Total Kjeldahl	mg/l	--	--	--	--	--	40	40	35	35	< 0.10	0.1	0.12	< 0.10	< 0.10	0.11	< 0.10	0.11
Phosphorus	mg/l	0.0026	0.0040	--	1	1.5	0.046	0.052	0.061	0.049	< 0.0010	< 0.0010	0.002	0.0021	0.013	0.022	0.015	0.017
Cyanide																		
Total Cyanide	mg/l	0.0005	0.0050	1	0.5	0.5	0.0341	0.0398	0.0345	0.0336	< 0.00050	< 0.00050	0.00052	0.00053	0.00111	0.00084	< 0.00050	0.00074
Free Cyanide	mg/l	--	--	--	--	--	0.011	0.0025	0.017	0.018	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Weak Acid Dissociable Cyanide	mg/l	--	--	--	--	--	0.017	0.023	0.021	0.02	< 0.00050	< 0.00050	< 0.00050	0.0012	< 0.00050	< 0.00050	0.0011	0.00066
QA/QC																		
TDS (lab calculated)	mg/l	--	--	--	--	--	2321	2340	2269	2252	221	222	217	215	102	103	96	96
Lab measured vs Calculated TDS	%	--	--	--	--	--	93%	94%	86%	91%	77%	81%	78%	72%	83%	88%	68%	62%
Sum Cations ⁽¹⁾	meq	--	--	--	--	--	33.0	33.4	32.0	31.2	3.3	3.4	3.3	3.2	1.3	1.3	1.3	1.3
Sum Anions ⁽¹⁾	meq	--	--	--	--	--	34.3	34.6	33.7	33.9	3.0	3.0	2.9	2.9	1.2	1.2	1.1	1.1
Ionic Balance	%	--	--	--	--	--	-1.9%	-1.8%	-2.6%	-4.2%	4.7%	5.6%	5.9%	5.3%	3.7%	3.6%	6.2%	7.2%

Notes :
 - : No data available
 -- : No criteria available
Bold values are exceeding Water License, Max. 3PL denotes Third Portage Lake
 (1) Maximum 5 mg/L increase from background
 (2) pH 3PL > 6.5
 (3) 3PL hardness < 17 mg/L CaCO3
 (4) Based on Cr(VI)
 (5) 3PL hardness < 82 mg/L CaCO3
 (6) 3PL hardness < 60 mg/L CaCO3
 (7) @15 C & pH 7.5
 (8) 13 mg/L as NO3

APPENDIX B

Table B-1: 2022 Groundwater Monitoring Program Water Quality Results
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

Water Quality Criteria / Mine Area	Goose Pit				Portage Pit-E				Portage Pit-A		
	Monitoring Location	MW-IPD-07		MW-IPD-09		MW-IPD-09		Pit-A Seep	Pit-A Seep		
Sample ID	MW-IPD-07	MW-IPD-07-DUP-1	MW-IPD-07	MW-IPD-07-DUP-1	MW-IPD-09	MW-IPD-09-DUP-1	MW-IPD-09	MW-IPD-09-DUP-1	Pit-A Seep	Pit-A Seep	
Sample Type		Duplicate		Duplicate				Duplicate			
Date	17-Jul-2022	17-Jul-2022	12-Sep-2022	12-Sep-2022	13-Jul-2022	18-Jul-2022	11-Sep-2022	11-Sep-2022	17-Jul-22	11-Sep-22	
Field Parameters											
Temperature	°C	18.85	-	19.96	-	24.6	18.36	19.3	-	8.2	6.6
pH	-	7.7	-	8.51	-	9.08	8.29	8.13	-	7.04	6.35
Conductivity	µS/cm	0	-	0	-	0.143	0.145	206	-	947	977
Oxidation-Reduction Potential	millivolts	18.85	-	19.96	-	-195	-211	-253.7	-	260	330
Turbidity	NTU	0.6	-	0.4	-	3.5	1.2	0.3	-	1.35	6.13
Salinity	PSU	-170.0	-	-292.9	-	1	1	1	-	0.21	0.16
Total Dissolved Solids	mg/L	-170	-	-292.9	-	0	0.094	103	-	-	-
Dissolved Oxygen (Field)	mg/l	0.116	-	127	-	0	0	0	-	-	6.59
General Chemistry											
Alkalinity (Total as CaCO3)	mg/l	110	100	100	95	73	76	72	72	40	1.5
Alkalinity, Bicarbonate (HCO3) as CaCO3	mg/l	100	100	100	94	72	74	72	72	40	1.5
Alkalinity, Carbonate as CaCO3	mg/l	1.8	1.7	1.8	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Conductivity	uS/cm	260	270	260	270	220	220	d	220	980	1200
Dissolved Organic Carbon	mg/l	2	1.2	1.2	1.2	1.5	0.85	0.99	0.95	0.64	0.93
Hardness, Calcium Carbonate, dissolved	mg/l	80.3	81	80.7	74.8	66.1	66.2	69	66.4	518	599
Reactive Silica	mg/l	8.7	8.8	8.5	8	9.7	10	10	10	7.4	20
Salinity	-	220	210	170	160	190	230	320	320	260	330
Total Dissolved Solids (measured)	mg/l	140	145	130	115	225	130	95	80	705	905
Total Organic Carbon	mg/l	1.4	1.3	1.3	1.4	0.96	0.9	0.99	1	0.51	0.87
Total Suspended Solids	mg/l	1	1	< 1	< 1	2	< 1	< 1	< 1	2	7
Turbidity	NTU	0.6	1.3	0.4	0.4	3.5	1.2	0.3	0.2	< 0.1	3.4
Anions											
Bromide	mg/l	0.062	0.11	0.093	0.068	0.018	0.021	0.035	0.038	< 1.0	< 1.0
Chloride	mg/l	7.1	7.1	6.8	6.9	1.7	1.5	1.6	1.2	8.3	5.5
Fluoride	mg/l	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1	0.28	0.35
Sulphate	mg/l	19	19	24	26	34	33	33	33	470	640
Total Metals											
Aluminum	mg/l	0.0551	0.0215	0.0351	0.0479	0.0436	0.0731	0.00432	0.00977	0.027	1.7
Antimony	mg/l	0.000038	0.000022	< 0.000020	< 0.000020	0.000025	0.000034	0.000021	< 0.000020	0.000565	0.000363
Arsenic	mg/l	0.00463	0.00465	0.00559	0.00514	0.0239	0.0216	0.0202	0.0204	0.000895	0.000265
Barium	mg/l	0.0138	0.0146	0.0128	0.0127	0.00274	0.00253	0.00298	0.00243	0.0119	0.0206
Beryllium	mg/l	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	0.000032	0.00238
Bismuth	mg/l	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050
Boron	mg/l	0.277	0.262	0.251	0.247	0.091	0.092	0.095	0.097	0.089	0.091
Cadmium	mg/l	< 0.0000050	< 0.0000050	< 0.0000050	0.0000051	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	0.0000281	0.000215
Calcium	mg/l	17.3	17.6	17.4	16.2	15.3	15.2	15.8	15.3	128	145
Chromium	mg/l	0.00176	0.00082	0.00062	0.00052	0.0011	0.00188	0.00017	0.00022	0.00012	0.00018
Copper	mg/l	0.000489	0.000232	0.00027	0.000496	0.000686	0.000615	0.000258	0.000247	0.000662	0.0501
Iron	mg/l	0.292	0.231	0.183	0.146	0.363	0.373	0.147	0.145	0.0415	0.126
Lead	mg/l	0.000195	0.000121	0.000101	0.000196	0.000191	0.000267	0.000214	0.00003	0.000238	0.000575
Lithium	mg/l	0.00632	0.00638	0.00548	0.0056	0.00224	0.00227	0.00193	0.0019	0.0117	0.0328
Magnesium	mg/l	8.98	9.01	9.07	8.34	6.81	6.82	7.2	6.86	48.2	57.9
Manganese	mg/l	0.0742	0.0729	0.0607	0.0558	0.0367	0.037	0.0345	0.0334	0.498	3.1
Mercury	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	mg/l	0.00638	0.00645	0.00687	0.00651	0.0107	0.0115	0.0116	0.0115	0.213	0.0549
Nickel	mg/l	0.00058	0.000401	0.000321	0.000651	0.000764	0.000853	0.000252	0.000256	0.0624	0.313
Potassium	mg/l	2.2	2.21	2.09	1.97	0.93	0.95	1	0.97	11.6	13.1
Selenium	mg/l	0.000924	0.000086	0.00155	0.00136	< 0.000040	< 0.000040	< 0.000040	< 0.000040	0.000607	0.000471
Silver	mg/l	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	0.0000557	< 0.0000050	< 0.0000050	< 0.0000050	0.0000118
Sodium	mg/l	25.1	24.9	24	22.6	18.1	18.3	19.4	18.6	10.6	9.08
Strontium	mg/l	0.17	0.167	0.158	0.153	0.136	0.125	0.132	0.136	0.477	0.506
Thallium	mg/l	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	0.0000736	0.000288
Tin	mg/l	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020
Titanium	mg/l	0.00239	0.00071	0.00107	0.00108	0.00062	0.00139	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Uranium	mg/l	0.0000662	0.0000608	0.0000667	0.0000647	0.000163	0.000152	0.000149	0.000166	0.00672	0.012
Vanadium	mg/l	< 0.000020	< 0.000020	< 0.000020	0.00086	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020
Zinc	mg/l	0.00183	0.00107	0.00515	0.00895	0.00152	0.00325	0.00532	0.00518	0.00128	0.0351

APPENDIX B

Table B-1: 2022 Groundwater Monitoring Program Water Quality Results
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

Water Quality Criteria / Mine Area	Goose Pit				Portage Pit-E				Portage Pit-A		
	MW-IPD-07				MW-IPD-09				Pit-A Seep	Pit-A Seep	
Monitoring Location	MW-IPD-07	MW-IPD-07-DUP-1	MW-IPD-07	MW-IPD-07-DUP-1	MW-IPD-09	MW-IPD-09-DUP-1	MW-IPD-09	MW-IPD-09-DUP-1	Pit-A Seep	Pit-A Seep	
Sample ID		Duplicate		Duplicate				Duplicate			
Sample Type											
Date	17-Jul-2022	17-Jul-2022	12-Sep-2022	12-Sep-2022	13-Jul-2022	18-Jul-2022	11-Sep-2022	11-Sep-2022	17-Jul-22	11-Sep-22	
Dissolved Metals											
Aluminum	mg/l	0.00512	0.0245	0.0011	0.00741	0.00294	0.00486	0.0889	0.103	0.00917	0.538
Antimony	mg/l	< 0.000020	0.000035	< 0.000020	< 0.000020	0.000022	< 0.000020	0.000029	0.000031	0.000533	0.000367
Arsenic	mg/l	0.00437	0.0045	0.00581	0.00559	0.0206	0.0211	0.0206	0.0207	0.000899	0.000187
Barium	mg/l	0.0127	0.0144	0.0116	0.0112	0.0029	0.00322	0.00267	0.00306	0.0127	0.0208
Beryllium	mg/l	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	0.000026	0.00171
Bismuth	mg/l	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050
Boron	mg/l	0.27	0.261	0.248	0.259	0.102	0.106	0.104	0.11	0.089	0.098
Cadmium	mg/l	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	0.000038	0.000205
Calcium	mg/l	17.1	16.6	16.5	15.8	15.6	17.3	14.9	15	126	133
Chromium	mg/l	0.00017	0.00072	< 0.00010	0.00011	0.0002	0.00045	0.00189	0.00163	< 0.00010	0.00016
Copper	mg/l	0.000089	0.000111	0.000066	0.000114	0.000196	0.000172	0.00107	0.00101	0.000608	0.046
Iron	mg/l	0.0795	0.123	0.0172	0.085	0.0941	0.134	0.336	0.343	0.0082	0.0391
Lead	mg/l	0.0000246	0.000105	< 0.0000050	0.0000327	0.0000156	0.0000228	0.000462	0.000293	0.000103	0.000427
Lithium	mg/l	0.00636	0.00604	0.00559	0.00558	0.00226	0.00249	0.00219	0.00227	0.0116	0.0342
Magnesium	mg/l	8.5	8.65	8.55	8.62	7.1	7.75	6.72	6.93	47.1	55.4
Manganese	mg/l	0.0663	0.0683	0.0582	0.0558	0.0349	0.0377	0.0344	0.0344	0.482	3.01
Mercury	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	mg/l	0.00631	0.00666	0.00707	0.00685	0.0118	0.0129	0.0116	0.0116	0.2	0.0522
Nickel	mg/l	0.000155	0.000313	0.00009	0.000127	0.000133	0.000216	0.000874	0.000883	0.0607	0.305
Potassium	mg/l	2.11	2.12	2.08	2.01	0.952	1.03	1	1	11.3	12.7
Selenium	mg/l	0.000332	< 0.000040	< 0.000040	0.0014	< 0.000040	< 0.000040	< 0.000040	< 0.000040	0.000574	0.000517
Sodium	mg/l	24	24.4	24	23.6	18.8	20.9	17.6	17.8	10.4	8.35
Strontium	mg/l	0.167	0.168	0.166	0.155	0.136	0.148	0.133	0.135	0.459	0.517
Thallium	mg/l	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	0.0000722	0.000259
Tin	mg/l	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00044	0.00046	< 0.00020	< 0.00020
Titanium	mg/l	< 0.00050	0.00111	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00202	0.00224	< 0.00050	< 0.00050
Uranium	mg/l	0.0000529	0.0000579	0.0000646	0.0000632	0.00015	0.000153	0.000154	0.000156	0.00636	0.00843
Vanadium	mg/l	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Zinc	mg/l	0.00058	0.00184	0.0002	0.00294	0.00093	0.00156	0.0124	0.00959	0.00122	0.0368
Nutrients											
Ammonia Nitrogen as NH4	mg/l	0.17	0.17	0.13	0.14	< 0.061	0.068	0.16	< 0.061	< 0.061	0.4
Ammonia Nitrogen	mg/l	0.14	0.14	0.11	0.12	< 0.050	0.056	0.13	< 0.050	< 0.050	0.33
Ammonia, unionized	mg/l	0.0024	0.0025	0.012	0.013	< 0.021	0.0036	0.0065	< 0.0024	< 0.0004	< 0.0004
Nitrogen, Nitrate-Nitrite	mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	3.23	2.74
Nitrate as N	mg/l	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.017	< 0.010
Nitrite as N	mg/l	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	3.25	2.74
Phosphate, Ortho	mg/l	0.025	0.022	0.036	0.03	0.025	0.019	0.023	0.025	< 0.010	< 0.010
Nitrogen, Total Kjeldahl	mg/l	0.21	0.23	0.29	0.27	< 0.10	< 0.10	< 0.10	< 0.10	0.11	0.57
Phosphorus	mg/l	0.034	0.032	0.035	0.035	0.02	0.017	0.019	0.019	< 0.0050	< 0.0010
Cyanide											
Total Cyanide	mg/l	< 0.00050	< 0.00050	0.00291	0.00068	0.00145	< 0.00050	< 0.00050	< 0.00050	0.00112	< 0.00050
Free Cyanide	mg/l	0.0022	0.0032	0.0022	< 0.0020	0.0027	< 0.0020	< 0.0020	0.0024	< 0.0020	< 0.0020
Weak Acid Dissociable Cyanide	mg/l	< 0.00050	< 0.00050	0.00089	0.00076	0.0015	< 0.00050	0.00079	0.001	0.00058	0.00058
QA/QC											
TDS (lab calculated)	mg/l	201	190	194	189	164	170	160	160	727	887
Lab measured vs Calculated TDS	%	70%	76%	67%	61%	137%	76%	59%	50%	97%	102%
Sum Cations ⁽¹⁰⁾	meq	2.7	2.7	2.6	2.6	2.2	2.4	2.1	2.1	10.9	11.9
Sum Anions ⁽¹¹⁾	meq	2.3	2.3	2.4	2.3	2.0	2.0	2.0	2.0	10.7	13.5
Ionic Balance	%	7.3%	7.4%	4.7%	5.0%	5.0%	9.7%	2.9%	4.0%	1.0%	-6.5%

Notes :
 - : No data available
 -- : No criteria available
Bold values are exceeding Water License, Max.
 3PL denotes Third Portage Lake
 (1) Maximum 5 mg/L increase from background
 (2) pH 3PL > 6.5
 (3) 3PL hardness < 17 mg/L CaCO3
 (4) Based on Cr(VI)
 (5) 3PL hardness < 82 mg/L CaCO3
 (6) 3PL hardness < 60 mg/L CaCO3
 (7) @15 C & pH 7.5
 (8) 13 mg/L as NO3

APPENDIX B
 Table B-2: 2022 Groundwater Monitoring Program QA/QC Results
 Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

BV Labs ID	UNITS	MDL	QGB038 2022-07-11 T542419 MW-16-01	QGB037 2022-07-11 T542419 MW-16-01-DUP-1	RPD	MDL	QGB038 2022-07-16 T544561 MW-IPD-01D	QGB039 2022-07-16 T544561 MW-IPD-01D-DUP-1	RPD	MDL	QFA001 2022-07-12 T542419 MW-IPD-01S	QFA002 2022-07-12 T542419 MW-IPD-01S-DUP-1	RPD	MDL	QEJ462 2022-07-17 T544561 MW-IPD-07	QEJ463 2022-07-17 T544561 MW-IPD-07-DUP-1	RPD	MDL	QPG346 2022-09-13 T572880 MW-16-01
CONVENTIONALS																			
Total Nitrogen (Ammonia Nitrogen)	mg/L	0.025	9	9.1	1%	0.005	0.05	< 0.050	--	0.005	0.061	< 0.050	--	0.005	0.14	0.14	0%	0.05	7
Calculated Parameters																			
Ammonium (NH4)	mg/L	0.00068	-	-	--	0.0016	-	-	--	0.0013	-	-	--	0.0046	-	-	--	0.05	-
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	1	150	150	0%	1	100	100	0%	1	54	55	2%	1	110	100	10%	1	150
Carb. Alkalinity (calc. as CaCO3)	mg/L	1	< 1.0	< 1.0	--	1	1.3	1.3	+/-MDL	1	< 1.0	< 1.0	--	1	100	100	0%	1	< 1.0
Dissolved Hardness (CaCO3)	mg/L	0.5	933	935	0%	0.5	120	124	3%	0.5	56.5	56	1%	0.5	2	1.2	>MDL	0.5	889
Total Hardness (CaCO3)	mg/L	0.5	-	-	--	0.5	-	-	--	0.5	-	-	--	-	-	-	--	0.5	-
Total dissolved solids (calc., EC)	mg/L	10	3100	3100	0%	10	360	360	0%	10	140	160	13%	10	260	270	4%	10	2900
Total Un-ionized Ammonia	mg/L	0.00068	0.0012	0.0013	+/-MDL	0.0016	0.007	< 0.007	--	0.0013	0.00067	< 0.00055	--	0.0046	0.14	0.14	0%	0.0017	0.042
Inorganics																			
Alkalinity (Total as CaCO3)	mg/L	1	150	150	0%	1	100	100	0%	1	54	56	4%	1	110	100	10%	1	150
Conductivity	uS/cm	2	3100	3100	0%	2	360	360	0%	2	140	160	13%	2	260	270	4%	0.001	2900
Dissolved Bromide (Br-)	mg/L	0.05	2	2	0%	0.01	0.49	0.49	0%	0.01	0.043	0.05	+/-MDL	0.01	0.062	0.11	56%	0.05	1.7
Dissolved Chloride (Cl-)	mg/L	2.5	240	250	4%	0.5	45	45	0%	0.5	3.3	3.2	3%	0.5	7.1	7.1	0%	1	220
Dissolved Organic Carbon	mg/L	0.4	31	32	3%	0.4	1.3	1.2	+/-MDL	0.4	1	0.94	+/-MDL	0.4	2	1.2	>MDL	0.4	27
Dissolved Sulphate (SO4)	mg/L	5	1200	1200	0%	0.5	12	3.7	3%	0.5	12	11	9%	0.5	19	19	0%	5	1200
Fluoride (F-)	mg/L	0.1	0.31	0.31	+/-MDL	0.1	0.57	0.58	2%	0.1	0.33	0.33	+/-MDL	0.1	1.2	1.2	0%	0.1	0.36
Free Cyanide (CN)	ug/L	1	0.011	0.0025	+/-MDL	1	< 0.0020	< 0.0020	--	1	< 0.0020	< 0.0020	--	1	0.0022	0.0032	+/-MDL	1	0.017
Nitrate (N)	mg/L	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10
Nitrate + Nitrite (N)	mg/L	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10
Nitrite (N)	mg/L	0.01	< 0.010	< 0.010	--	0.01	< 0.010	< 0.010	--	0.01	< 0.010	< 0.010	--	0.01	< 0.010	< 0.010	--	0.01	< 0.010
Orthophosphate (P)	mg/L	0.001	0.011	< 0.010	--	0.001	< 0.010	0.012	--	0.001	0.027	0.022	20%	0.001	0.025	0.022	13%	0.001	0.024
pH	pH	0.1	7.71	7.66	1%	0.1	8.14	8.14	0%	0.1	7.89	7.89	0%	0.1	8.26	8.24	0%	0.1	7.8
Reactive Silica (SiO2)	mg/L	0.05	8.4	9.9	16%	0.05	7.2	7.2	0%	0.05	5.8	5.8	0%	0.05	8.7	8.8	1%	0.1	9.1
Salinity	N/A	2	4.6	4.5	+/-MDL	2	1	1	+/-MDL	2	0.24	0.24	+/-MDL	2	NC	1.2	--	2	4.3
Total Cyanide (CN)	mg/L	0.005	0.0341	0.0398	15%	0.005	< 0.00050	< 0.00050	--	0.005	0.00111	0.00084	+/-MDL	0.005	< 0.00050	< 0.00050	--	0.01	0.0345
Total Dissolved Solids	mg/L	10	2170	2210	2%	10	170	180	6%	10	85	90	6%	10	140	145	4%	10	1960
Total Kjeldahl Nitrogen (TKN)	mg/L	1	40	40	0%	0.1	< 0.10	0.1	--	0.1	< 0.10	0.11	--	0.1	0.21	0.23	+/-MDL	2	35
Total Organic Carbon (TOC)	mg/L	0.4	30	30	0%	0.4	1.2	1.2	+/-MDL	0.4	1.1	1.1	+/-MDL	0.4	1.4	1.3	+/-MDL	0.4	26
Total Suspended Solids	mg/L	1	12	13	8%	1	1	< 1	--	1	< 1	< 1	--	1	1	1	+/-MDL	1	12
Turbidity	NTU	0.1	79	80	1%	0.1	0.2	< 0.1	--	0.1	< 0.1	0.2	--	0.1	0.6	1.3	74%	0.1	57
WAD Cyanide (Free)	mg/L	0.001	0.017	0.023	30%	0.001	< 0.00050	< 0.00050	--	0.001	< 0.00050	< 0.00050	--	0.001	< 0.00050	< 0.00050	--	0.001	0.021
Dissolved Metals																			
Aluminum (Al)	ug/L	1	0.0018	0.0042	+/-MDL	0.5	0.00427	0.00669	+/-MDL	0.5	0.0291	0.00336	+/-MDL	0.5	0.00512	0.0245	+/-MDL	1	0.151
Antimony (Sb)	ug/L	0.04	< 0.00040	< 0.00040	--	0.02	< 0.00020	< 0.00020	--	0.02	< 0.00020	< 0.00020	--	0.02	< 0.00020	0.00035	--	0.04	0.00037
Arsenic (As)	ug/L	0.04	0.0953	0.0974	+/-MDL	0.02	0.0291	0.0293	+/-MDL	0.02	0.0291	0.0293	+/-MDL	0.02	0.00437	0.0045	+/-MDL	0.04	0.185
Barium (Ba)	ug/L	0.04	0.0208	0.0216	+/-MDL	0.02	0.0217	0.0219	+/-MDL	0.02	0.0217	0.0219	+/-MDL	0.02	0.0127	0.0144	+/-MDL	0.04	0.0215
Beryllium (Be)	ug/L	0.02	< 0.000020	< 0.000020	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.02	0.000021
Bismuth (Bi)	ug/L	0.01	< 0.000010	< 0.000010	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.01	0.0000108
Boron (B)	ug/L	20	0.087	0.091	+/-MDL	10	0.186	0.191	+/-MDL	10	0.186	0.191	+/-MDL	10	0.27	0.261	+/-MDL	20	0.097
Cadmium (Cd)	ug/L	0.01	< 0.000010	< 0.000010	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.01	0.0000256
Calcium (Ca)	mg/L	0.1	242	241	0%	0.05	23.6	23.8	1%	0.05	23.6	23.8	1%	0.05	17.1	16.6	3%	0.1	237
Chromium (Cr)	ug/L	0.2	< 0.00020	< 0.00020	--	0.1	0.00026	< 0.00010	--	0.1	0.00026	< 0.00010	--	0.1	0.00017	0.00072	+/-MDL	0.2	0.00132
Cobalt (Co)	ug/L	0.01	-	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	-	--	0.01	-
Copper (Cu)	ug/L	0.1	0.00093	0.00116	+/-MDL	0.05	0.000284	0.000132	+/-MDL	0.05	0.000284	0.000132	+/-MDL	0.05	0.000089	0.000111	+/-MDL	0.1	0.00297
Iron (Fe)	ug/L	2	1.57	1.56	+/-MDL	1	0.0883	0.0795	+/-MDL	1	0.0883	0.0795	+/-MDL	1	0.0795	0.123	+/-MDL	2	5.36
Lead (Pb)	ug/L	0.01	< 0.000010	0.000028	--	0.005	0.0000356	0.0000352	+/-MDL	0.005	0.0000356	0.0000352	+/-MDL	0.005	0.0000246	0.000105	+/-MDL	0.01	0.0041
Lithium (Li)	ug/L	1	0.0117	0.012	+/-MDL	0.5	0.00572	0.00567	+/-MDL	0.5	0.00572	0.00567	+/-MDL	0.5	0.00636	0.00604	+/-MDL	1	0.0109
Magnesium (Mg)	mg/L	0.1	82	84.1	3%	0.05	13.7	13.9	1%	0.05	13.7	13.9	1%	0.05	8.5	8.65	2%	0.1	90.6
Manganese (Mn)	ug/L	0.1	2.28	2.28	0%	0.05	0.037	0.0376	+/-MDL	0.05	0.037	0.0376	+/-MDL	0.05	0.0663	0.0683	+/-MDL	0.1	2.18
Mercury (Hg)	mg/L	0.0001	< 0.00010	< 0.00010	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.0001	< 0.00010
Molybdenum (Mo)	ug/L	0.1	0.0454	0.0457	+/-MDL	0.05	0.00869	0.00864	+/-MDL	0.05	0.00869	0.00864	+/-MDL	0.05	0.00631	0.00666	+/-MDL	0.1	0.048
Nickel (Ni)	ug/L	0.04	0.00157	0.00162	+/-MDL	0.02	0.000378	0.000355	+/-MDL	0.02	0.000378	0.000355	+/-MDL	0.02	0.000155	0.000313	+/-MDL	0.04	0.0034
Phosphorus (P)	ug/L	4	-	-	--	2	-	-	--	2	-	-	--	2	-	-	--	4	-
Potassium (K)	mg/L	0.1	19.2	19.5	2%	0.05	1.25	1.3	4%	0.05	1.25	1.3	4%	0.05	2.11	2.12	0%	0.1	16.5
Selenium (Se)	ug/L	0.08	< 0.000080	< 0.000080	--	0.04	< 0.000040	< 0.000040	--	0.04	< 0.000040	< 0.000040	--	0.04	0.000332	< 0.000040	--	0.08	0.000071
Silicon (Si)	ug/L	100	-	-	--	50	-	-	--	50	-	-	--	50	-	-	--	100	-
Silver (Ag)	ug/L	0.01	-	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	-	--	0.01	-
Sodium (Na)	mg/L	0.1	301	306	2%	0.05	22.8	23.6	3%	0.05	22.8	23.6	3%	0.05	24	24.4	2%	0.1	272
Strontium (Sr)	ug/L	0.1	1.12	1.14	2%	0.05	0.31	0.311	0%	0.05	0.31	0.311	0%	0.05	0.167	0.168	+/-MDL	0.1	1.11
Thallium (Tl)	ug/L	0.004	0.000093	0.000053	+/-MDL	0.002	< 0.000020	< 0.000020	--	0.002	< 0.000020	< 0.000020	--	0.002	< 0.000020	< 0.000020	--	0.004	

APPENDIX B
 Table B-2: 2022 Groundwater Monitoring Program QA/QC Results
 Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

BV Labs ID	UNITS	MDL	QGB038		RPD	MDL	QGB039		RPD	MDL	QFA001		QFA002		RPD	MDL	QEJ462		QEJ463		RPD	MDL	QPG346	
Sampling Date			2022-07-11	2022-07-11			2022-07-16	2022-07-16			2022-07-12	2022-07-12	2022-07-17	2022-07-17			2022-09-13							
COC Number			T542419	T542419			T544561	T544561			T542419	T544561	T544561	T544561			T572880							
Golder ID		MW-16-01	MW-16-01-DUP-1			MW-IPD-01D	MW-IPD-01D-DUP-1			MW-IPD-01S	MW-IPD-01S-DUP-1					MW-IPD-07	MW-IPD-07-DUP-1					MW-16-01		
Total Metals																								
Aluminum (Al)	ug/L	1	0.0018	0.0042	+/-MDL	0.5	0.00838	0.0156	+/-MDL	0.5	0.011	0.0118	+/-MDL	0.5	0.0551	0.0215	+/-MDL	6	0.0232					
Antimony (Sb)	ug/L	0.04	< 0.000040	< 0.000040	--	0.02	< 0.000020	< 0.000020	--	0.02	0.000115	0.000111	+/-MDL	0.02	0.000038	0.000022	+/-MDL	0.04	< 0.000040					
Arsenic (As)	ug/L	0.04	0.0953	0.0974	+/-MDL	0.02	0.0304	0.0303	+/-MDL	0.02	0.0424	0.0418	+/-MDL	0.02	0.00463	0.00465	+/-MDL	0.04	0.171					
Barium (Ba)	ug/L	0.04	0.0208	0.0216	+/-MDL	0.02	0.0229	0.0232	+/-MDL	0.02	0.00487	0.0047	+/-MDL	0.02	0.0138	0.0146	+/-MDL	0.1	0.0203					
Beryllium (Be)	ug/L	0.02	< 0.000020	< 0.000020	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.02	< 0.000020					
Bismuth (Bi)	ug/L	0.01	< 0.000010	< 0.000010	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.02	< 0.000010					
Boron (B)	ug/L	20	0.087	0.091	+/-MDL	10	0.199	0.197	+/-MDL	10	0.023	0.022	+/-MDL	10	0.277	0.262	+/-MDL	20	0.102					
Cadmium (Cd)	ug/L	0.01	< 0.000010	< 0.000010	--	0.005	< 0.0000050	< 0.0000050	--	0.005	0.0000131	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.01	< 0.000010					
Calcium (Ca)	mg/L	0.1	242	241	0%	0.05	24.1	24.8	3%	0.05	13.7	13.7	0%	0.05	17.3	17.6	2%	0.5	211					
Chromium (Cr)	ug/L	0.2	< 0.00020	< 0.00020	--	0.1	0.0002	0.00053	+/-MDL	0.1	0.00014	0.00027	+/-MDL	0.1	0.00176	0.00082	+/-MDL	0.2	0.0041					
Cobalt (Co)	ug/L	0.01	-	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	-	--	0.02	-					
Copper (Cu)	ug/L	0.1	0.0093	0.0116	+/-MDL	0.05	0.000112	0.00015	+/-MDL	0.05	0.000526	0.000286	+/-MDL	0.05	0.000489	0.000232	+/-MDL	0.2	0.0038					
Iron (Fe)	ug/L	2	1.57	1.56	+/-MDL	1	0.114	0.154	+/-MDL	1	0.105	0.0821	+/-MDL	1	0.292	0.231	+/-MDL	10	4.55					
Lead (Pb)	ug/L	0.01	< 0.000010	0.000028	--	0.005	0.0000548	0.000047	+/-MDL	0.005	0.0000918	0.0000598	+/-MDL	0.005	0.000195	0.000121	+/-MDL	0.04	0.000173					
Lithium (Li)	ug/L	1	0.0117	0.012	+/-MDL	0.5	0.00581	0.0058	+/-MDL	0.5	0.00171	0.00171	+/-MDL	0.5	0.00632	0.00638	+/-MDL	1	0.0109					
Magnesium (Mg)	mg/L	0.1	82	84.1	3%	0.05	14.6	15	3%	0.05	5.45	5.31	3%	0.05	8.98	9.01	0%	0.5	88.2					
Manganese (Mn)	ug/L	0.1	2.28	2.28	0%	0.05	0.0396	0.0408	+/-MDL	0.05	0.069	0.0656	+/-MDL	0.05	0.0742	0.0729	+/-MDL	0.2	2					
Mercury (Hg)	mg/L	0.0001	< 0.00010	< 0.00010	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.0001	< 0.00010					
Molybdenum (Mo)	ug/L	0.1	0.0454	0.0457	+/-MDL	0.05	0.00895	0.00903	+/-MDL	0.05	0.00429	0.00426	+/-MDL	0.05	0.00638	0.00645	+/-MDL	0.1	0.0435					
Nickel (Ni)	ug/L	0.04	0.00157	0.00162	+/-MDL	0.02	0.000481	0.000507	+/-MDL	0.02	0.000674	0.000678	+/-MDL	0.02	0.00058	0.000401	+/-MDL	0.2	0.00129					
Potassium (K)	mg/L	0.1	19.2	19.5	2%	0.05	1.3	1.33	2%	0.05	2.02	1.94	4%	0.05	2.2	2.21	0%	0.5	15.3					
Selenium (Se)	ug/L	0.08	< 0.000080	< 0.000080	--	0.04	< 0.000040	< 0.000040	--	0.04	< 0.000040	< 0.000040	--	0.04	0.000924	0.000086	+/-MDL	0.08	< 0.000080					
Silicon (Si)	ug/L	100	-	-	--	50	-	-	--	50	-	-	--	50	-	-	--	100	-					
Silver (Ag)	ug/L	0.01	-	-	--	0.005	0.0000052	0.0000098	+/-MDL	0.005	0.0000098	0.0000071	+/-MDL	0.005	< 0.0000050	< 0.0000050	--	0.02	< 0.000010					
Sodium (Na)	mg/L	0.1	301	306	2%	0.05	24.4	25.2	3%	0.05	4.17	3.7	12%	0.05	25.1	24.9	1%	0.5	266					
Strontium (Sr)	ug/L	0.1	1.12	1.14	2%	0.05	0.317	0.33	4%	0.05	0.0963	0.0954	+/-MDL	0.05	0.17	0.167	+/-MDL	0.1	1.04					
Thallium (Tl)	ug/L	0.004	0.0000093	0.0000053	+/-MDL	0.002	< 0.0000020	< 0.0000020	--	0.002	< 0.0000020	< 0.0000020	--	0.002	< 0.0000020	< 0.0000020	--	0.004	< 0.0000040					
Tin (Sn)	ug/L	0.4	< 0.00040	< 0.00040	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	< 0.00020	--	0.4	< 0.00040					
Titanium (Ti)	ug/L	1	< 0.0010	< 0.0010	--	0.5	< 0.00050	< 0.00050	--	0.5	< 0.00050	< 0.00050	--	0.5	0.00239	0.00071	+/-MDL	4	< 0.0010					
Uranium (U)	ug/L	0.004	0.0049	0.0051	+/-MDL	0.002	0.00052	0.000531	+/-MDL	0.002	0.00429	0.00426	+/-MDL	0.002	0.0000662	0.0000608	+/-MDL	0.01	0.00551					
Vanadium (V)	ug/L	0.4	< 0.00040	< 0.00040	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	< 0.00020	--	0.4	< 0.00040					
Zinc (Zn)	ug/L	0.2	0.00698	0.0105	+/-MDL	0.1	0.00133	0.00073	+/-MDL	0.1	0.0205	0.00135	+/-MDL	0.1	0.00183	0.00107	+/-MDL	2	0.00291					
Nutritional Parameters																								
Total Phosphorus (P)	mg/L	0.001	0.046	0.052	12%	0.001	< 0.0010	< 0.0010	--	0.001	0.013	0.022	51%	0.001	0.034	0.032	6%	0.001	0.061					

Notes:
 MDL = Method Detection Limit
 RPD = Relative Percent Difference
 RPD value exceeds 20% or >MDL
 -- not calculated (one or both result below MDL)
 - parameter was not analyzed

APPENDIX B
 Table B-2: 2022 Groundwater Monitoring Program QA/QC Results
 Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

BV Labs ID	GPG346				GPG347				GPG348				GPP191				GPP192				QPW102				QPW103				C2J0027				C2Q7764			
Sampling Date	2022-09-13				2022-09-09				2022-09-09				2022-09-11				2022-09-11				2022-09-12				2022-09-12				2022-07-11				2022-07-09			
COC Number	T572880				T571504				T571504				T571504				T571504				T572880				TEP047				TT1201							
Golder ID	MW-16-01-DUP-1				MW-1PD-01D				MW-1PD-01D-DUP-1				MW-1PD-01S				MW-1PD-01S-DUP-1				MW-1PD-07				MW-1PD-07-DUP-1				FB-22-1				FB-22-1			
CONVENTIONALS																																				
Total Nitrogen (Ammonia Nitrogen)	7	0%	0.005	< 0.050	< 0.050	--	0.005	< 0.050	< 0.050	--	0.005	0.13	< 0.050	--	0.005	0.11	0.12	9%	0.005	<0.061	0.005	<0.061														
Calculated Parameters																																				
Ammonium (NH4)	-	--	0.05	-	-	--	0.05	-	-	--	0.05	-	-	--	0.0048	-	-	--	-	<0.00061	0.05	<0.05														
Bicarb. Alkalinity (calc. as CaCO3)	140	7%	1	97	97	0%	1	52	52	0%	1	72	72	0%	1	100	95	5%	1	< 1.0	1	< 1.0														
Carb. Alkalinity (calc. as CaCO3)	< 1.0	--	1	1.2	1.2	+/-MDL	1	< 1.0	< 1.0	--	1	< 1.0	< 1.0	--	1	100	94	6%	1	< 1.0	1	< 1.0														
Dissolved Hardness (CaCO3)	891	0%	0.5	116	116	0%	0.5	56.5	57.6	2%	0.5	69	66.4	4%	0.5	1.2	1.2	+/-MDL	0.5	-	0.5	< 0.50														
Total Hardness (CaCO3)	-	--	0.5	-	-	--	0.5	-	-	--	0.5	-	-	--	0.5	-	-	--	-	6.83	0.5	< 0.50														
Total dissolved solids (calc., EC)	2900	0%	10	360	360	0%	10	140	140	0%	10	220	220	0%	10	260	270	4%	10	<10	10	<10														
Total Un-ionized Ammonia	0.042	0%	0.0036	< 0.0012	< 0.0012	--	0.0037	< 0.0027	< 0.0027	--	0.0037	0.0065	< 0.0024	--	0.0048	0.11	0.12	9%	-	< 0.0004	-	<0.0012														
Inorganics																																				
Alkalinity (Total as CaCO3)	140	7%	1	99	99	0%	1	53	53	0%	1	72	72	0%	1	100	95	5%	1	< 1.0	1	< 1.0														
Conductivity	2900	0%	0.001	360	360	0%	0.001	140	140	0%	0.001	220	220	0%	0.001	260	270	4%	2	1.2	0.001	1.1														
Dissolved Bromide (Br-)	2.5	38%	0.01	0.6	0.6	0%	0.01	0.051	0.048	+/-MDL	0.01	0.035	0.038	+/-MDL	0.01	0.093	0.068	31%	0.01	< 0.010	0.01	< 0.010														
Dissolved Chloride (Cl-)	230	4%	0.5	43	43	0%	0.5	2.9	2.7	7%	0.5	1.6	1.2	+/-MDL	0.5	6.8	6.9	1%	0.5	< 1.0	0.5	< 1.0														
Dissolved Organic Carbon	27	0%	0.4	1.2	1.2	+/-MDL	0.4	0.89	0.88	+/-MDL	0.4	0.99	0.95	+/-MDL	0.4	1.2	1.2	+/-MDL	0.4	< 0.40	0.4	0.75														
Dissolved Sulphate (SO4)	1200	0%	0.5	3.5	3.3	6%	0.5	9	8.7	3%	0.5	33	33	0%	0.5	24	26	8%	0.5	< 0.50	0.5	< 0.50														
Fluoride (F-)	0.33	+/-MDL	0.1	0.55	0.54	2%	0.1	0.34	0.35	+/-MDL	0.1	1.1	1	10%	0.1	1.2	1.1	9%	0.1	-	0.1	-														
Free Cyanide (CN)	0.018	+/-MDL	1	< 0.0020	< 0.0020	--	1	< 0.0020	< 0.0020	--	1	< 0.0020	0.0024	--	1	0.0022	< 0.0020	--	1	<2.0	2	<2.0														
Nitrate (N)	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	0.1	< 0.10														
Nitrate + Nitrite (N)	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	< 0.10	--	0.1	< 0.10	0.1	< 0.10														
Nitrite (N)	< 0.010	--	0.01	< 0.010	< 0.010	--	0.01	< 0.010	< 0.010	--	0.01	< 0.010	< 0.010	--	0.01	< 0.010	< 0.010	--	0.01	< 0.010	0.01	< 0.010														
Orthophosphate (P)	< 0.010	--	0.001	0.01	0.012	18%	0.005	0.021	0.021	+/-MDL	0.005	0.023	0.025	+/-MDL	0.005	0.036	0.03	18%	0.001	< 0.010	0.001	< 0.010														
pH	7.8	0%	0.01	8.12	8.12	0%	0.01	7.89	7.89	0%	0.01	8.06	8.03	0%	0.01	8.29	8.19	1%	N/A	5.92	0.01	5.8														
Reactive Silica (SiO2)	8.7	4%	0.05	7.4	7	6%	0.1	5.6	5.8	4%	0.1	10	10	0%	0.05	8.5	8	6%	0.05	< 0.050	0.05	< 0.050														
Salinity	4.3	+/-MDL	2	0.98	1	+/-MDL	2	0.24	0.24	+/-MDL	2	1	1	+/-MDL	2	1.3	1.3	+/-MDL	2	-	2	-														
Total Cyanide (CN)	0.0336	+/-MDL	0.005	0.00052	0.00053	+/-MDL	0.005	< 0.00050	0.00074	--	0.005	< 0.00050	< 0.00050	--	0.005	0.00291	0.00068	+/-MDL	0.005	-	0.005	-														
Total Dissolved Solids	2050	4%	10	170	155	9%	10	65	60	8%	10	95	80	17%	10	130	115	12%	10	< 10	10	< 10														
Total Kjeldahl Nitrogen (TKN)	35	0%	0.1	0.12	< 0.10	--	0.1	< 0.10	0.11	--	0.1	< 0.10	< 0.10	--	0.1	0.29	0.27	+/-MDL	0.1	< 0.10	0.1	< 0.10														
Total Organic Carbon (TOC)	26	0%	0.4	1.4	1.4	+/-MDL	0.4	0.99	1	+/-MDL	0.4	0.99	1	+/-MDL	0.4	1.3	1.4	+/-MDL	0.4	< 0.40	0.4	< 0.40														
Total Suspended Solids	12	0%	1	1	< 1	--	1	< 1	< 1	--	1	< 1	< 1	--	1	< 1	< 1	--	1	< 1	1	< 1														
Turbidity	65	13%	0.1	0.2	0.2	+/-MDL	0.1	< 0.1	0.2	--	0.1	0.3	0.2	+/-MDL	0.1	0.4	0.4	+/-MDL	0.1	< 0.1	0.1	< 0.1														
WAD Cyanide (Free)	0.02	5%	0.001	< 0.00050	0.0012	--	0.001	0.0011	0.00066	+/-MDL	0.001	0.00079	0.001	+/-MDL	0.001	0.00089	0.00076	+/-MDL	0.001	< 0.00050	0.001	0.0035														
Dissolved Metals																																				
Aluminum (Al)	0.00683	+/-MDL	0.5	0.00425	0.0187	+/-MDL	0.5	0.00279	0.00251	+/-MDL	0.5	0.0889	0.103	+/-MDL	0.5	0.0011	0.00741	+/-MDL	0.5	0.0395	0.5	0.00107														
Antimony (Sb)	< 0.00020	--	0.02	< 0.00020	0.000105	--	0.02	< 0.00020	0.000105	--	0.02	0.00029	0.00031	+/-MDL	0.02	< 0.00020	< 0.00020	--	0.02	< 0.020	0.02	< 0.020														
Arsenic (As)	0.177	+/-MDL	0.02	0.0307	0.0295	+/-MDL	0.02	0.0307	0.0295	+/-MDL	0.02	0.0206	0.0207	+/-MDL	0.02	0.00581	0.00559	+/-MDL	0.02	0.000106	0.02	< 0.00020														
Barium (Ba)	0.0194	+/-MDL	0.02	0.0214	0.0226	+/-MDL	0.02	0.0214	0.0226	+/-MDL	0.02	0.00267	0.00306	+/-MDL	0.02	0.0116	0.0112	+/-MDL	0.02	0.000298	0.02	< 0.00020														
Beryllium (Be)	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	0.01	< 0.000010														
Bismuth (Bi)	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	0.005	< 0.0000050														
Boron (B)	0.098	+/-MDL	10	0.198	0.204	+/-MDL	10	0.198	0.204	+/-MDL	10	0.104	0.11	+/-MDL	10	0.248	0.259	+/-MDL	10	< 0.01	10	< 0.01														
Cadmium (Cd)	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	0.005	< 0.0000050														
Calcium (Ca)	229	3%	0.05	22.4	22.1	1%	0.05	22.4	22.1	1%	0.05	14.9	15	1%	0.05	16.5	15.8	4%	0.05	0.094	0.05	< 0.050														
Chromium (Cr)	< 0.00010	--	0.1	0.00057	0.00024	+/-MDL	0.1	0.00057	0.00024	+/-MDL	0.1	0.00189	0.00163	+/-MDL	0.1	< 0.00010	0.00011	--	0.1	0.00046	0.1	0.00013														
Cobalt (Co)	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	0.005	-														
Copper (Cu)	0.000193	+/-MDL	0.05	0.000117	0.000179	+/-MDL	0.05	0.000117	0.000179	+/-MDL	0.05	0.00107	0.00101	+/-MDL	0.05	0.000066	0.000114	+/-MDL	0.05	0.000117	0.05	< 0.000050														
Iron (Fe)	4.66	+/-MDL	1	0.112	0.0897	+/-MDL	1	0.112	0.0897	+/-MDL	1	0.336	0.343	+/-MDL	1	0.0172	0.085	+/-MDL	1	0.1	1	0.0019														
Lead (Pb)	0.000293	+/-MDL	0.005	0.000224	0.0000661	+/-MDL	0.005	0.000224	0.0000661	+/-MDL	0.005	0.000462	0.000293	+/-MDL	0.005	< 0.0000050	0.000327	--	0.005	0.0000905	0.005	0.000255														
Lithium (Li)	0.0106	+/-MDL	0.5	0.0052	0.00526	+/-MDL	0.5	0.0052	0.00526	+/-MDL	0.5	0.00219	0.00227	+/-MDL	0.5	0.00559	0.00558	+/-MDL	0.5	< 0.00050	0.5	< 0.00050														
Magnesium (Mg)	88	3%	0.05	14	13.7	2%	0.05	14	13.7	2%	0.05	6.72	6.93	3%	0.05	8.55	8.62	1%	0.05	< 0.050	0.05	< 0.050														
Manganese (Mn)	2.16	1%	0.05	0.0374	0.0375	+/-MDL	0.05	0.0374	0.0375	+/-MDL	0.05	0.0344	0.0344	+/-MDL	0.05	0.0582	0.0558	+/-MDL	0.05	0.0024	0.05	0.000077														
Mercury (Hg)	< 0.00010	--	0.0001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	-	< 0.00001	0.00001	< 0.00001														
Molybdenum (Mo)	0.0473	+/-MDL	0.05	0.0087	0.00848	+/-MDL	0.05	0.0087	0.00848	+/-MDL	0.05	0.0116	0.0116	+/-MDL	0.05	0.00707	0.00685	+/-MDL	0.05	< 0.000050	0.05	< 0.000050														
Nickel (Ni)	0.00115	+/-MDL	0.02	0.000382	0.000369	+/-MDL	0.02	0.000382	0.000369	+/-MDL	0.02	0.000874	0.000883	+/-MDL	0.02	0.00009	0.000127	+/-MDL	0.02	0.000185	0.02	< 0.000020														
Phosphorus (P)	-	--	2	-	-	--	2	-	-	--	2	-	-	--	2	-	-	--	2	-	2	-														
Potassium (K)	15.9	4%	0.05	1.25	1.23	2%	0.05	1.25	1.23	2%	0.05	1	1	0%	0.05	2.08	2.01	3%	0.05	< 0.050	0.05	< 0.050														
Selenium (Se)	0.000065	+/-MDL	0.04	< 0.000040	< 0.000040	--	0.04	< 0.000040	< 0.000040	--	0.04	< 0.000040	< 0.000040	--	0.04	< 0.000040	0.0014	--	0.04	< 0.000040	0.04	< 0.000040														
Silicon (Si)	-																																			

APPENDIX B
 Table B-2: 2022 Groundwater Monitoring Program QA/QC Results
 Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

BV Labs ID	GPG346		GPG347		GPG348		GPG347		GPG348		GPP191		GPP192		QPW102		QPW103		C2J8027		C2Q7764	
Sampling Date	2022-09-13		2022-09-09		2022-09-09		2022-09-10		2022-09-10		2022-09-11		2022-09-11		2022-09-12		2022-09-12		2022-07-11		2022-09-09	
COC Number	T572880		T571504		T571504		T571504		T571504		T571504		T571504		T572880		T572880		TEP047		TTI201	
Golder ID	MW-16-01-DUP-1		MW-IPD-01D		MW-IPD-01D-DUP-1		MW-IPD-01S		MW-IPD-01S-DUP-1		MW-IPD-09		MW-IPD-09-DUP-1		MW-IPD-07		MW-IPD-07-DUP-1		FB-22-1		FB-22-1	
Total Metals																						
Aluminum (Al)	0.0198	+/-MDL	0.5	0.023	0.0146	+/-MDL	0.5	0.0135	0.0572	+/-MDL	0.5	0.00432	0.00977	+/-MDL	0.5	0.0351	0.0479	+/-MDL	0.5	0.0413	0.5	0.001
Antimony (Sb)	< 0.000040	--	0.02	< 0.000020	< 0.000020	--	0.02	0.000096	0.00011	+/-MDL	0.02	0.000021	< 0.000020	--	0.02	< 0.000020	< 0.000020	--	0.02	< 0.020	0.02	< 0.000020
Arsenic (As)	0.171	+/-MDL	0.02	0.0305	0.0308	+/-MDL	0.02	0.0451	0.0454	+/-MDL	0.02	0.0202	0.0204	+/-MDL	0.02	0.00559	0.00514	+/-MDL	0.02	0.000184	0.02	< 0.000020
Barium (Ba)	0.0204	+/-MDL	0.02	0.0223	0.0216	+/-MDL	0.02	0.00501	0.00523	+/-MDL	0.02	0.00298	0.00243	+/-MDL	0.02	0.0128	0.0127	+/-MDL	0.02	0.000829	0.02	0.000025
Beryllium (Be)	< 0.000020	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	< 0.000010	--	0.01	< 0.000010	0.01	< 0.000010
Bismuth (Bi)	< 0.000010	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	0.005	< 0.0000050
Boron (B)	0.1	+/-MDL	10	0.169	0.171	+/-MDL	10	0.03	0.026	+/-MDL	10	0.095	0.097	+/-MDL	10	0.251	0.247	+/-MDL	10	< 0.01	10	< 0.01
Cadmium (Cd)	< 0.000010	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	0.0000051	--	0.005	< 0.0000050	0.005	< 0.0000050
Calcium (Ca)	211	0%	0.05	23.5	23	2%	0.05	13.6	13.8	1%	0.05	15.8	15.3	3%	0.05	17.4	16.2	7%	0.05	2.53	0.05	< 0.050
Chromium (Cr)	0.00029	+/-MDL	0.1	0.00058	0.00045	+/-MDL	0.1	0.00015	0.00079	+/-MDL	0.1	0.00017	0.00022	+/-MDL	0.1	0.00062	0.00052	+/-MDL	0.1	0.00053	0.1	0.00011
Cobalt (Co)	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	-	--	0.005	-	0.005	-
Copper (Cu)	0.0041	+/-MDL	0.05	0.000146	0.000137	+/-MDL	0.05	0.000314	0.000509	+/-MDL	0.05	0.000258	0.000247	+/-MDL	0.05	0.00027	0.000496	+/-MDL	0.05	0.000652	0.05	< 0.000050
Iron (Fe)	4.63	+/-MDL	1	0.139	0.123	+/-MDL	1	0.0798	0.217	+/-MDL	1	0.147	0.145	+/-MDL	1	0.183	0.146	+/-MDL	1	0.0989	1	0.0014
Lead (Pb)	0.000149	+/-MDL	0.005	0.0000455	0.000037	+/-MDL	0.005	0.0000513	0.000186	+/-MDL	0.005	0.0000214	0.00003	+/-MDL	0.005	0.000101	0.000196	+/-MDL	0.005	0.000216	0.005	0.0000377
Lithium (Li)	0.0111	+/-MDL	0.5	0.00507	0.00499	+/-MDL	0.5	0.00153	0.0016	+/-MDL	0.5	0.00193	0.0019	+/-MDL	0.5	0.00548	0.0056	+/-MDL	0.5	< 0.00050	0.5	< 0.00050
Magnesium (Mg)	88.3	0%	0.05	13.9	14.3	3%	0.05	5.48	5.63	3%	0.05	7.2	6.86	5%	0.05	9.07	8.34	8%	0.05	0.126	0.05	< 0.050
Manganese (Mn)	2.03	1%	0.05	0.0388	0.0389	+/-MDL	0.05	0.0662	0.0706	+/-MDL	0.05	0.0345	0.0334	+/-MDL	0.05	0.0607	0.0558	+/-MDL	0.05	0.00311	0.05	0.00062
Mercury (Hg)	< 0.00010	--	0.0001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	0.00001	< 0.00001	< 0.00001	--	-	< 0.00001	0.0001	< 0.00001
Molybdenum (Mo)	0.0443	+/-MDL	0.05	0.00855	0.00863	+/-MDL	0.05	0.00442	0.0044	+/-MDL	0.05	0.0116	0.0115	+/-MDL	0.05	0.00687	0.00651	+/-MDL	0.05	< 0.000050	0.05	< 0.000050
Nickel (Ni)	0.00135	+/-MDL	0.02	0.00039	0.000342	+/-MDL	0.02	0.000717	0.00103	+/-MDL	0.02	0.000252	0.000256	+/-MDL	0.02	0.000321	0.000651	+/-MDL	0.02	0.000365	0.02	< 0.000020
Potassium (K)	15.3	0%	0.05	1.24	1.23	1%	0.05	1.9	1.94	2%	0.05	1	0.97	3%	0.05	2.09	1.97	6%	0.05	0.074	0.05	< 0.050
Selenium (Se)	< 0.000080	--	0.04	< 0.000040	< 0.000040	--	0.04	< 0.000040	< 0.000040	--	0.04	< 0.000040	< 0.000040	--	0.04	0.00155	0.00136	+/-MDL	0.04	< 0.000040	0.04	< 0.000040
Silicon (Si)	-	--	50	-	-	--	50	-	-	--	50	-	-	--	50	-	-	--	50	-	50	-
Silver (Ag)	< 0.000010	--	0.005	< 0.0000050	< 0.0000050	--	0.005	0.0000069	0.0000051	+/-MDL	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	< 0.0000050	--	0.005	< 0.0000050	0.005	< 0.0000050
Sodium (Na)	265	0%	0.05	23.5	23.7	1%	0.05	3.96	4.03	2%	0.05	19.4	18.6	4%	0.05	24	22.6	6%	0.05	0.104	0.05	< 0.050
Strontium (Sr)	1.04	0%	0.05	0.307	0.305	1%	0.05	0.0961	0.0941	+/-MDL	0.05	0.132	0.136	+/-MDL	0.05	0.158	0.153	+/-MDL	0.05	0.00213	0.05	< 0.000050
Thallium (Tl)	< 0.000040	--	0.002	< 0.0000020	< 0.0000020	--	0.002	< 0.0000020	< 0.0000020	--	0.002	< 0.0000020	< 0.0000020	--	0.002	< 0.0000020	< 0.0000020	--	0.002	< 0.0000020	0.002	< 0.0000020
Tin (Sn)	< 0.00040	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	< 0.00020	--	0.2	0.00024	0.00022	+/-MDL	0.2	< 0.00020	< 0.00020	--	0.2	0.00075	0.2	< 0.00020
Titanium (Ti)	< 0.0010	--	0.5	0.00084	< 0.00050	--	0.5	< 0.00050	0.00139	--	0.5	< 0.00050	< 0.00050	--	0.5	0.00107	0.00108	+/-MDL	0.5	0.00142	0.5	< 0.00050
Uranium (U)	0.0056	+/-MDL	0.002	0.000461	0.000467	+/-MDL	0.002	0.00431	0.00444	+/-MDL	0.002	0.000149	0.000166	+/-MDL	0.002	0.0000667	0.0000647	+/-MDL	0.002	0.0000083	0.002	< 0.000020
Vanadium (V)	< 0.00040	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	< 0.00020	--	0.2	< 0.00020	0.00086	--	0.2	< 0.00020	0.2	< 0.00020
Zinc (Zn)	0.00295	+/-MDL	0.1	0.00103	0.00093	+/-MDL	0.1	0.00281	0.00612	+/-MDL	0.1	0.00532	0.00518	+/-MDL	0.1	0.00515	0.00895	+/-MDL	0.1	0.00821	0.1	0.00062
Nutritional Parameters																						
Total Phosphorus (P)	0.049	22%	0.001	0.002	0.0021	+/-MDL	0.001	0.015	0.017	13%	0.001	0.019	0.019	0%	0.001	0.035	0.035	0%	0.001	< 0.0010	0.001	< 0.0010

Notes:
 MDL = Method Detection Limit
 RPD = Relative Percent Difference
 RPD value exceeds 20% or >MDL
 -- not calculated (one or both result below MDL)
 - parameter was not analyzed

APPENDIX C

**2022 Laboratory Certificates of
Analysis**

Appendix C-I Analytical Report No. C2J9027

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-16-01	MW-16-01a	TEP045
	MW-16-01b	TEP045
Field Blank	FB-22-1	TEP047
Trip Blank	TB-22-1	TEP048
MW-IPD-01(s)	MW-IPD-D1(S)a	TEP049
	MW-IPD-D1(S)b	TEP050



Your P.O. #: PO 1121445
 Site#: MBK
 Your C.O.C. #: 542419

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/09/19
 Report #: R7301955
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2J9027

Received: 2022/07/15, 09:30

Sample Matrix: Water
 # Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	6	N/A	2022/07/19	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	6	N/A	2022/07/20	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	6	N/A	2022/07/19	CAM SOP-00463	SM 23 4500-Cl E m
Conductivity (1)	6	N/A	2022/07/19	CAM SOP-00414	SM 23 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	6	N/A	2022/07/19	CAM SOP-00446	SM 23 5310 B m
Fluoride (1)	6	2022/07/18	2022/07/19	CAM SOP-00449	SM 23 4500-F C m
Dissolved Mercury in Water by CVAA (1)	2	2022/07/19	2022/07/19	CAM SOP-00453	EPA 7470A m
Mercury in Water by CVAA (1)	2	2022/07/19	2022/07/19	CAM SOP-00453	EPA 7470A m
Dissolved Mercury (low level) (1)	4	2022/07/18	2022/07/19	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	4	2022/07/19	2022/07/19	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	6	2022/07/18	2022/07/19	CAM SOP-00408	EPA 6010D m
Low Level Chloride and Sulphate by AC (2)	4	N/A	2022/07/21	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Low Level Chloride and Sulphate by AC (2)	2	N/A	2022/07/22	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Cyanide (Free) (2)	1	N/A	2022/07/22	CAL SOP-00266	EPA 9016d R0 m
Cyanide (Free) (2)	3	N/A	2022/07/23	CAL SOP-00266	EPA 9016d R0 m
Cyanide (Free) (2)	2	N/A	2022/07/26	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	5	N/A	2022/07/20	CAL SOP-00270	SM 23 4500-CN m
Cyanide, Strong Acid Dissociable (SAD) (2)	1	N/A	2022/07/27	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	2	N/A	2022/07/20	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	3	N/A	2022/07/26	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	1	N/A	2022/07/27	CAL SOP-00270	SM 23 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	6	N/A	2022/07/21	BBY WI-00033	Auto Calc
Bromide as Bromine (Br) by ICPMS (2)	6	N/A	2022/09/01	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	2	N/A	2022/07/21	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	4	N/A	2022/07/27	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3)	6	N/A	2022/07/21	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	6	N/A	2022/07/21	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	6	N/A	2022/07/20	BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (2)	6	N/A	2022/07/21	AB SOP-00011	EPA370.1 R1978 m



Your P.O. #: PO 1121445
 Site#: MBK
 Your C.O.C. #: 542419

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA P0X 0A1

Report Date: 2022/09/19
 Report #: R7301955
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2J9027

Received: 2022/07/15, 09:30

Sample Matrix: Water
 # Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Phosphorus Low Level Total (2)	4	2022/07/22	2022/07/25	AB SOP-00024	SM 23 4500-P A,B,F m
Total Phosphorus Low Level Total (2)	2	2022/07/23	2022/07/26	AB SOP-00024	SM 23 4500-P A,B,F m
Total Ammonia (as NH3) (1)	6	N/A	2022/07/22	Auto Calc.	
Ammonium as NH4+ (1)	6	N/A	2022/07/22		
Total Ammonia-N (1)	6	N/A	2022/07/21	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 6)	6	N/A	2022/07/20	CAM SOP-00440	SM 23 4500-NO3I/NO2B
pH (1)	6	2022/07/18	2022/07/19	CAM SOP-00413	SM 4500H+ B m
Field Measured pH (1, 7)	6	N/A	2022/07/16		Field pH Meter
Orthophosphate (1)	6	N/A	2022/07/19	CAM SOP-00461	EPA 365.1 m
Redox Potential (1, 8)	6	2022/07/28	2022/07/29	CAM SOP-00421	SM 2580 B
Sodium Adsorption Ratio (SAR) (1)	6	N/A	2022/07/19	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (Calc. from EC) (1)	6	N/A	2022/07/20		Auto Calc
Total Dissolved Solids (1)	3	2022/07/18	2022/07/19	CAM SOP-00428	SM 23 2540C m
Total Dissolved Solids (1)	3	2022/07/19	2022/07/20	CAM SOP-00428	SM 23 2540C m
Field Temperature (1, 7)	6	N/A	2022/07/16		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	2	2022/07/20	2022/07/20	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water (1)	3	2022/07/20	2022/07/21	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water (1)	1	2022/07/25	2022/07/26	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 9)	5	N/A	2022/07/20	CAM SOP-00446	SM 23 5310B m
Total Organic Carbon (TOC) (1, 9)	1	N/A	2022/07/26	CAM SOP-00446	SM 23 5310B m
Low Level Total Suspended Solids (1)	4	2022/07/18	2022/07/19	CAM SOP-00428	SM 23 2540D m
Low Level Total Suspended Solids (1)	2	2022/07/19	2022/07/20	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	6	N/A	2022/07/18	CAM SOP-00417	SM 23 2130 B m
Un-ionized Ammonia (as N) (1, 10)	6	2022/07/18	2022/07/22	Calculation	Calculation

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



Your P.O. #: PO 1121445
Site#: MBK
Your C.O.C. #: 542419

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2022/09/19
Report #: R7301955
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2J9027

Received: 2022/07/15, 09:30

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 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) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
- (5) "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).
- (6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (7) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (8) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (9) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (10) Un-ionized ammonia is calculated using the total ammonia result and field data provided by the client for pH and temperature.

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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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 Signature Page.



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP045		TEP046			TEP047		
Sampling Date		2022/07/11 12:00		2022/07/11 12:00			2022/07/11 12:00		
COC Number		542419		542419			542419		
	UNITS	MW-16-01a	QC Batch	MW-16-01b	RDL	QC Batch	FB-22-1	RDL	QC Batch

Calculated Parameters									
Total Ammonia (as NH3)	mg/L	11	8114691	11	0.061	8114691	<0.061	0.061	8114691
Ammonium (NH4)	mg/L	12	8114692	12	0.05	8114692	<0.00061	0.00061	8114692
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	150	8114687	150	1.0	8114687	<1.0	1.0	8114687
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	8114687	<1.0	1.0	8114687	<1.0	1.0	8114687
Total dissolved solids (calc., EC)	mg/L	2410	8114688	2460	10	8114688	<10	10	8114688
Sodium Adsorption Ratio	N/A	4.6	8114694	4.5		8114694	NC (1)		8114694

CONVENTIONALS									
Redox Potential	mV	230	8137225	240	N/A	8137225	310	N/A	8137225

Field Measurements									
Field Temperature	Celsius	4.57	ONSITE	4.57	N/A	ONSITE	4.57	N/A	ONSITE
Field Measured pH	pH	6.06	ONSITE	6.06		ONSITE	6.06		ONSITE

Inorganics									
Total Ammonia-N	mg/L	9.0	8120339	9.1	0.050	8120339	<0.050	0.050	8120339
Conductivity	umho/cm	3100	8116312	3100	1.0	8116312	1.2	1.0	8116312
Free Cyanide (CN)	ug/L	11	8132431	2.5 (2)	2.0	8126629	<2.0	2.0	8130155
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.0341	8130156	0.0398	0.00050	8130156	<0.00050	0.00050	8134666
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.017	8132430	0.023	0.00050	8130157	<0.00050	0.00050	8134667
Total Dissolved Solids	mg/L	2170	8116057	2210	10	8116057	<10	10	8117200
Fluoride (F-)	mg/L	0.31	8116318	0.31	0.10	8116318	<0.10	0.10	8116318
Total Kjeldahl Nitrogen (TKN)	mg/L	40	8119518	40	2.0	8119518	<0.10	0.10	8129219
Dissolved Organic Carbon	mg/L	31	8115570	32	0.40	8115570	<0.40	0.40	8115570
Total Organic Carbon (TOC)	mg/L	30	8119874	30	0.40	8119874	<0.40	0.40	8128907
Orthophosphate (P)	mg/L	0.011	8116310	<0.010	0.010	8116310	<0.010	0.010	8116310
pH	pH	7.71	8116316	7.66		8116316	5.92		8116316
Reactive Silica (SiO2)	mg/L	8.4	8130154	9.9	0.050	8130154	<0.050	0.050	8130154
Total Suspended Solids	mg/L	12	8115210	13	1	8115210	<1	1	8115210
Turbidity	NTU	79	8115233	80	0.1	8115233	<0.1	0.1	8115233

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 N/A = Not Applicable
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.
 (2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP045		TEP046			TEP047		
Sampling Date		2022/07/11 12:00		2022/07/11 12:00			2022/07/11 12:00		
COC Number		542419		542419			542419		
	UNITS	MW-16-01a	QC Batch	MW-16-01b	RDL	QC Batch	FB-22-1	RDL	QC Batch
Alkalinity (Total as CaCO3)	mg/L	150	8116305	150	1.0	8116305	<1.0	1.0	8116305
Dissolved Chloride (Cl-)	mg/L	240	8116301	250	3.0	8116301	<1.0	1.0	8116301
Nitrite (N)	mg/L	<0.010	8116119	<0.010	0.010	8116119	<0.010	0.010	8116119
Nitrate (N)	mg/L	<0.10	8116119	<0.10	0.10	8116119	<0.10	0.10	8116119
Dissolved Sulphate (SO4)	mg/L	1200	8130003	1200	13	8130003	<0.50	0.50	8134664
Nitrate + Nitrite (N)	mg/L	<0.10	8116119	<0.10	0.10	8116119	<0.10	0.10	8116119
Un-ionized Ammonia (as N)	mg/L	0.0012	8114690	0.0013	0.0004	8114690	<0.0004	0.0004	8114690
Metals									
Dissolved Aluminum (Al)	ug/L	1.8	8123760	4.2	1.0	8123760	39.5	0.50	8123760
Total Aluminum (Al)	ug/L	53.9	8123758	15.2	1.0	8123758	41.3	0.50	8123758
Dissolved Antimony (Sb)	ug/L	<0.040	8123760	<0.040	0.040	8123760	<0.020	0.020	8123760
Total Antimony (Sb)	ug/L	<0.040	8123758	<0.040	0.040	8123758	<0.020	0.020	8123758
Dissolved Arsenic (As)	ug/L	95.3	8123760	97.4	0.040	8123760	0.106	0.020	8123760
Total Arsenic (As)	ug/L	193	8123758	199	0.040	8123758	0.184	0.020	8123758
Dissolved Barium (Ba)	ug/L	20.8	8123760	21.6	0.040	8123760	0.298	0.020	8123760
Total Barium (Ba)	ug/L	22.9	8123758	22.5	0.040	8123758	0.829	0.020	8123758
Dissolved Beryllium (Be)	ug/L	<0.020	8123760	<0.020	0.020	8123760	<0.010	0.010	8123760
Total Beryllium (Be)	ug/L	<0.020	8123758	<0.020	0.020	8123758	<0.010	0.010	8123758
Dissolved Bismuth (Bi)	ug/L	<0.010	8123760	<0.010	0.010	8123760	<0.0050	0.0050	8123760
Total Bismuth (Bi)	ug/L	<0.010	8123758	<0.010	0.010	8123758	<0.0050	0.0050	8123758
Dissolved Boron (B)	ug/L	87	8123760	91	20	8123760	<10	10	8123760
Total Boron (B)	ug/L	86	8123758	89	20	8123758	<10	10	8123758
Dissolved Cadmium (Cd)	ug/L	<0.010	8123760	<0.010	0.010	8123760	<0.0050	0.0050	8123760
Total Cadmium (Cd)	ug/L	<0.010	8123758	<0.010	0.010	8123758	<0.0050	0.0050	8123758
Dissolved Chromium (Cr)	ug/L	<0.20	8123760	<0.20	0.20	8123760	0.46	0.10	8123760
Total Chromium (Cr)	ug/L	0.88	8123758	0.36	0.20	8123758	0.53	0.10	8123758
Dissolved Copper (Cu)	ug/L	0.93	8123760	1.16	0.10	8123760	0.117	0.050	8123760
Total Copper (Cu)	ug/L	5.89	8123758	2.55	0.10	8123758	0.652	0.050	8123758
Dissolved Iron (Fe)	ug/L	1570	8123760	1560	2.0	8123760	100	1.0	8123760
Total Iron (Fe)	ug/L	5320	8123758	5230	2.0	8123758	98.9	1.0	8123758
Dissolved Lead (Pb)	ug/L	<0.010	8123760	0.028	0.010	8123760	0.0905	0.0050	8123760
Total Lead (Pb)	ug/L	0.647	8123758	0.246	0.010	8123758	0.216	0.0050	8123758
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP045		TEP046			TEP047		
Sampling Date		2022/07/11 12:00		2022/07/11 12:00			2022/07/11 12:00		
COC Number		542419		542419			542419		
	UNITS	MW-16-01a	QC Batch	MW-16-01b	RDL	QC Batch	FB-22-1	RDL	QC Batch
Dissolved Lithium (Li)	ug/L	11.7	8123760	12.0	1.0	8123760	<0.50	0.50	8123760
Total Lithium (Li)	ug/L	11.5	8123758	11.8	1.0	8123758	<0.50	0.50	8123758
Dissolved Manganese (Mn)	ug/L	2280	8123760	2280	0.10	8123760	2.40	0.050	8123760
Total Manganese (Mn)	ug/L	2200	8123758	2280	0.10	8123758	3.11	0.050	8123758
Dissolved Molybdenum (Mo)	ug/L	45.4	8123760	45.7	0.10	8123760	<0.050	0.050	8123760
Total Molybdenum (Mo)	ug/L	44.7	8123758	45.6	0.10	8123758	<0.050	0.050	8123758
Dissolved Nickel (Ni)	ug/L	1.57	8123760	1.62	0.040	8123760	0.185	0.020	8123760
Total Nickel (Ni)	ug/L	2.20	8123758	1.76	0.040	8123758	0.365	0.020	8123758
Dissolved Selenium (Se)	ug/L	<0.080	8123760	<0.080	0.080	8123760	<0.040	0.040	8123760
Total Selenium (Se)	ug/L	<0.080	8123758	<0.080	0.080	8123758	<0.040	0.040	8123758
Total Silver (Ag)	ug/L	0.061	8123758	0.115	0.010	8123758	<0.0050	0.0050	8123758
Dissolved Strontium (Sr)	ug/L	1120	8123760	1140	0.10	8123760	0.716	0.050	8123760
Total Strontium (Sr)	ug/L	1130	8123758	1140	0.10	8123758	2.13	0.050	8123758
Dissolved Thallium (Tl)	ug/L	0.0093	8136750	0.0053	0.0040	8123760	<0.0020	0.0020	8123760
Total Thallium (Tl)	ug/L	<0.0040	8123758	<0.0040	0.0040	8123758	<0.0020	0.0020	8123758
Dissolved Tin (Sn)	ug/L	<0.40	8123760	<0.40	0.40	8123760	<0.20	0.20	8123760
Total Tin (Sn)	ug/L	<0.40	8123758	<0.40	0.40	8123758	0.75	0.20	8123758
Dissolved Titanium (Ti)	ug/L	<1.0	8123760	<1.0	1.0	8123760	1.54	0.50	8123760
Total Titanium (Ti)	ug/L	1.0	8123758	<1.0	1.0	8123758	1.42	0.50	8123758
Dissolved Uranium (U)	ug/L	4.90	8123760	5.10	0.0040	8123760	0.0046	0.0020	8123760
Total Uranium (U)	ug/L	4.93	8123758	5.09	0.0040	8123758	0.0083	0.0020	8123758
Dissolved Vanadium (V)	ug/L	<0.40	8123760	<0.40	0.40	8123760	<0.20	0.20	8123760
Total Vanadium (V)	ug/L	<0.40	8123758	<0.40	0.40	8123758	<0.20	0.20	8123758
Dissolved Zinc (Zn)	ug/L	6.98	8123760	10.5	0.20	8136750	0.53	0.10	8123760
Total Zinc (Zn)	ug/L	11.8	8123758	7.77	0.20	8123758	8.21	0.10	8123758
Dissolved Calcium (Ca)	mg/L	242	8136749	241	0.10	8136749	0.094	0.050	8136749
Total Calcium (Ca)	mg/L	240	8136751	238	0.10	8136751	2.53	0.050	8136751
Dissolved Magnesium (Mg)	mg/L	82.0	8136749	84.1	0.10	8136749	<0.050	0.050	8136749
Total Magnesium (Mg)	mg/L	81.0	8136751	82.9	0.10	8136751	0.126	0.050	8136751
Dissolved Potassium (K)	mg/L	19.2	8136749	19.5	0.10	8136749	<0.050	0.050	8136749
Total Potassium (K)	mg/L	18.9	8136751	19.5	0.10	8136751	0.074	0.050	8136751
Dissolved Sodium (Na)	mg/L	301	8136749	306	0.10	8136749	<0.050	0.050	8136749

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP045		TEP046			TEP047		
Sampling Date		2022/07/11 12:00		2022/07/11 12:00			2022/07/11 12:00		
COC Number		542419		542419			542419		
	UNITS	MW-16-01a	QC Batch	MW-16-01b	RDL	QC Batch	FB-22-1	RDL	QC Batch
Total Sodium (Na)	mg/L	290	8136751	299	0.10	8136751	0.104	0.050	8136751
Nutritional Parameters									
Total Phosphorus (P)	mg/L	0.046	8130004	0.052	0.0010	8130004	<0.0010	0.0010	8130004
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP048			TEP049		
Sampling Date		2022/07/11 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	TB-22-1	RDL	QC Batch	MW-IPD-D1(S)a	RDL	QC Batch

Calculated Parameters							
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8114691	0.074	0.061	8114691
Ammonium (NH4)	mg/L	<0.00061	0.00061	8114692	0.078	0.00067	8114692
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8114687	54	1.0	8114687
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8114687	<1.0	1.0	8114687
Total dissolved solids (calc., EC)	mg/L	<10	10	8114688	88	10	8114688
Sodium Adsorption Ratio	N/A	NC (1)		8114694	0.24 (1)		8114694

CONVENTIONALS							
Redox Potential	mV	310	N/A	8137225	220	N/A	8137225

Field Measurements							
Field Temperature	Celsius	4.57	N/A	ONSITE	26.09	N/A	ONSITE
Field Measured pH	pH	6.06		ONSITE	7.26		ONSITE

Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	8120339	0.061	0.050	8120339
Conductivity	umho/cm	<1.0	1.0	8116312	140	1.0	8116312
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	8130155	<2.0 (2)	2.0	8130155
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8130156	0.00111	0.00050	8130156
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8132430	<0.00050	0.00050	8130157
Total Dissolved Solids	mg/L	<10	10	8116057	85	10	8117200
Fluoride (F-)	mg/L	<0.10	0.10	8116318	0.33	0.10	8116318
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	8119518	<0.10	0.10	8119518
Dissolved Organic Carbon	mg/L	<0.40	0.40	8115570	1.0	0.40	8115570
Total Organic Carbon (TOC)	mg/L	<0.40	0.40	8119874	1.1	0.40	8119874
Orthophosphate (P)	mg/L	<0.010	0.010	8116310	0.027	0.010	8116310
pH	pH	5.82		8116316	7.89		8116316
Reactive Silica (SiO2)	mg/L	<0.050	0.050	8130154	5.8	0.050	8130154
Total Suspended Solids	mg/L	<1	1	8115210	<1	1	8117906
Turbidity	NTU	<0.1	0.1	8115233	<0.1	0.1	8115233

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 N/A = Not Applicable
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.
 (2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP048			TEP049		
Sampling Date		2022/07/11 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	TB-22-1	RDL	QC Batch	MW-IPD-D1(S)a	RDL	QC Batch
Alkalinity (Total as CaCO3)	mg/L	<1.0	1.0	8116305	54	1.0	8116305
Dissolved Chloride (Cl-)	mg/L	<1.0	1.0	8116301	3.3	1.0	8116301
Nitrite (N)	mg/L	<0.010	0.010	8116119	<0.010	0.010	8116119
Nitrate (N)	mg/L	<0.10	0.10	8116119	<0.10	0.10	8116119
Dissolved Sulphate (SO4)	mg/L	<0.50	0.50	8134664	12	0.50	8124385
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8116119	<0.10	0.10	8116119
Un-ionized Ammonia (as N)	mg/L	<0.0004	0.0004	8114690	0.00067	0.00055	8114690
Metals							
Dissolved Aluminum (Al)	ug/L	<0.50	0.50	8123760	29.1	0.50	8136750
Total Aluminum (Al)	ug/L	<0.50	0.50	8123758	11.0	0.50	8123758
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8123760	0.135	0.020	8123760
Total Antimony (Sb)	ug/L	<0.020	0.020	8123758	0.115	0.020	8123758
Dissolved Arsenic (As)	ug/L	<0.020	0.020	8123760	42.1	0.020	8123760
Total Arsenic (As)	ug/L	<0.020	0.020	8123758	42.4	0.020	8123758
Dissolved Barium (Ba)	ug/L	<0.020	0.020	8123760	4.76	0.020	8123760
Total Barium (Ba)	ug/L	<0.020	0.020	8123758	4.87	0.020	8123758
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8123760	<0.010	0.010	8123760
Total Beryllium (Be)	ug/L	<0.010	0.010	8123758	<0.010	0.010	8123758
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8123760	<0.0050	0.0050	8123760
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8123758	<0.0050	0.0050	8123758
Dissolved Boron (B)	ug/L	<10	10	8123760	22	10	8123760
Total Boron (B)	ug/L	<10	10	8123758	23	10	8123758
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8123760	<0.0050	0.0050	8123760
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8123758	0.0131	0.0050	8123758
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	8123760	0.30	0.10	8123760
Total Chromium (Cr)	ug/L	<0.10	0.10	8123758	0.14	0.10	8123758
Dissolved Copper (Cu)	ug/L	<0.050	0.050	8123760	1.03	0.050	8136750
Total Copper (Cu)	ug/L	<0.050	0.050	8123758	0.526	0.050	8123758
Dissolved Iron (Fe)	ug/L	<1.0	1.0	8123760	97.8	1.0	8123760
Total Iron (Fe)	ug/L	<1.0	1.0	8123758	105	1.0	8123758
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	8123760	0.122	0.0050	8136750
Total Lead (Pb)	ug/L	<0.0050	0.0050	8123758	0.0918	0.0050	8123758
RDL = Reportable Detection Limit QC Batch = Quality Control Batch							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027

Report Date: 2022/09/19

Agnico Eagle

Your P.O. #: PO 1121445

Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP048			TEP049		
Sampling Date		2022/07/11 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	TB-22-1	RDL	QC Batch	MW-IPD-D1(S)a	RDL	QC Batch
Dissolved Lithium (Li)	ug/L	<0.50	0.50	8123760	1.69	0.50	8123760
Total Lithium (Li)	ug/L	<0.50	0.50	8123758	1.71	0.50	8123758
Dissolved Manganese (Mn)	ug/L	<0.050	0.050	8123760	66.4	0.050	8123760
Total Manganese (Mn)	ug/L	<0.050	0.050	8123758	69.0	0.050	8123758
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.050	8123760	4.27	0.050	8123760
Total Molybdenum (Mo)	ug/L	<0.050	0.050	8123758	4.29	0.050	8123758
Dissolved Nickel (Ni)	ug/L	<0.020	0.020	8123760	0.808	0.020	8123760
Total Nickel (Ni)	ug/L	<0.020	0.020	8123758	0.674	0.020	8123758
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8123760	<0.040	0.040	8123760
Total Selenium (Se)	ug/L	<0.040	0.040	8123758	<0.040	0.040	8123758
Total Silver (Ag)	ug/L	<0.0050	0.0050	8123758	0.0098	0.0050	8123758
Dissolved Strontium (Sr)	ug/L	<0.050	0.050	8123760	94.2	0.050	8123760
Total Strontium (Sr)	ug/L	<0.050	0.050	8123758	96.3	0.050	8123758
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8123760	<0.0020	0.0020	8123760
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8123758	<0.0020	0.0020	8123758
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8123760	<0.20	0.20	8123760
Total Tin (Sn)	ug/L	<0.20	0.20	8123758	<0.20	0.20	8123758
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8123760	0.65	0.50	8123760
Total Titanium (Ti)	ug/L	<0.50	0.50	8123758	<0.50	0.50	8123758
Dissolved Uranium (U)	ug/L	<0.0020	0.0020	8123760	4.22	0.0020	8123760
Total Uranium (U)	ug/L	<0.0020	0.0020	8123758	4.29	0.0020	8123758
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8123760	<0.20	0.20	8123760
Total Vanadium (V)	ug/L	<0.20	0.20	8123758	<0.20	0.20	8123758
Dissolved Zinc (Zn)	ug/L	<0.10	0.10	8123760	3.99	0.10	8123760
Total Zinc (Zn)	ug/L	<0.10	0.10	8123758	20.5	0.10	8123758
Dissolved Calcium (Ca)	mg/L	<0.050	0.050	8136749	13.6	0.050	8136749
Total Calcium (Ca)	mg/L	<0.050	0.050	8136751	13.7	0.050	8136751
Dissolved Magnesium (Mg)	mg/L	<0.050	0.050	8136749	5.45	0.050	8136749
Total Magnesium (Mg)	mg/L	<0.050	0.050	8136751	5.45	0.050	8136751
Dissolved Potassium (K)	mg/L	<0.050	0.050	8136749	1.96	0.050	8136749
Total Potassium (K)	mg/L	<0.050	0.050	8136751	2.02	0.050	8136751
Dissolved Sodium (Na)	mg/L	<0.050	0.050	8136749	3.80	0.050	8136749
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP048			TEP049		
Sampling Date		2022/07/11 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	TB-22-1	RDL	QC Batch	MW-IPD-D1(S)a	RDL	QC Batch
Total Sodium (Na)	mg/L	<0.050	0.050	8136751	4.17	0.050	8136751
Nutritional Parameters							
Total Phosphorus (P)	mg/L	<0.0010	0.0010	8130004	0.013	0.0010	8134665
RDL = Reportable Detection Limit QC Batch = Quality Control Batch							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
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Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP049			TEP050		
Sampling Date		2022/07/12 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	MW-IPD-D1(S)a Lab-Dup	RDL	QC Batch	MW-IPD-D1(S)b	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L				<0.061	0.061	8114691
Ammonium (NH4)	mg/L				<0.00067	0.00067	8114692
Bicarb. Alkalinity (calc. as CaCO3)	mg/L				55	1.0	8114687
Carb. Alkalinity (calc. as CaCO3)	mg/L				<1.0	1.0	8114687
Total dissolved solids (calc., EC)	mg/L				94	10	8114688
Sodium Adsorption Ratio	N/A				0.23 (1)		8114694
CONVENTIONALS							
Redox Potential	mV				220	N/A	8137225
Field Measurements							
Field Temperature	Celsius				26.09	N/A	ONSITE
Field Measured pH	pH				7.26		ONSITE
Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	8120339	<0.050	0.050	8120339
Conductivity	umho/cm	150	1.0	8116312	160	1.0	8116312
Free Cyanide (CN)	ug/L				<2.0	2.0	8132431
Strong Acid Dissoc. Cyanide (CN)	mg/L				0.00084	0.00050	8130156
Weak Acid Dissoc. Cyanide (CN)	mg/L				<0.00050	0.00050	8132430
Total Dissolved Solids	mg/L				90	10	8117200
Fluoride (F-)	mg/L	0.32	0.10	8116318	0.33	0.10	8116318
Total Kjeldahl Nitrogen (TKN)	mg/L				0.11	0.10	8119518
Dissolved Organic Carbon	mg/L				0.94	0.40	8115570
Total Organic Carbon (TOC)	mg/L				1.1	0.40	8119874
Orthophosphate (P)	mg/L				0.022	0.010	8116310
pH	pH	7.97		8116316	8.14		8116316
Reactive Silica (SiO2)	mg/L				5.8	0.050	8130154
Total Suspended Solids	mg/L	<1	1	8117906	<1	1	8117892
Turbidity	NTU				0.2	0.1	8115233
Alkalinity (Total as CaCO3)	mg/L	55	1.0	8116305	56	1.0	8116305
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP049			TEP050		
Sampling Date		2022/07/12 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	MW-IPD-D1(S)a Lab-Dup	RDL	QC Batch	MW-IPD-D1(S)b	RDL	QC Batch
Dissolved Chloride (Cl-)	mg/L				3.2	1.0	8116301
Nitrite (N)	mg/L				<0.010	0.010	8116119
Nitrate (N)	mg/L				<0.10	0.10	8116119
Dissolved Sulphate (SO4)	mg/L				11	0.50	8124385
Nitrate + Nitrite (N)	mg/L				<0.10	0.10	8116119
Un-ionized Ammonia (as N)	mg/L				<0.00055	0.00055	8114690
Metals							
Dissolved Aluminum (Al)	ug/L				3.36	0.50	8123760
Total Aluminum (Al)	ug/L				11.8	0.50	8123758
Dissolved Antimony (Sb)	ug/L				0.115	0.020	8123760
Total Antimony (Sb)	ug/L				0.111	0.020	8123758
Dissolved Arsenic (As)	ug/L				42.1	0.020	8123760
Total Arsenic (As)	ug/L				41.8	0.020	8123758
Dissolved Barium (Ba)	ug/L				5.05	0.020	8123760
Total Barium (Ba)	ug/L				4.70	0.020	8123758
Dissolved Beryllium (Be)	ug/L				<0.010	0.010	8123760
Total Beryllium (Be)	ug/L				<0.010	0.010	8123758
Dissolved Bismuth (Bi)	ug/L				<0.0050	0.0050	8123760
Total Bismuth (Bi)	ug/L				<0.0050	0.0050	8123758
Dissolved Boron (B)	ug/L				23	10	8123760
Total Boron (B)	ug/L				22	10	8123758
Dissolved Cadmium (Cd)	ug/L				<0.0050	0.0050	8123760
Total Cadmium (Cd)	ug/L				<0.0050	0.0050	8123758
Dissolved Chromium (Cr)	ug/L				<0.10	0.10	8123760
Total Chromium (Cr)	ug/L				0.27	0.10	8123758
Dissolved Copper (Cu)	ug/L				0.997	0.050	8136750
Total Copper (Cu)	ug/L				0.286	0.050	8123758
Dissolved Iron (Fe)	ug/L				56.2	1.0	8123760
Total Iron (Fe)	ug/L				82.1	1.0	8123758
Dissolved Lead (Pb)	ug/L				0.0306	0.0050	8123760
Total Lead (Pb)	ug/L				0.0598	0.0050	8123758
Dissolved Lithium (Li)	ug/L				1.72	0.50	8123760
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP049			TEP050		
Sampling Date		2022/07/12 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	MW-IPD-D1(S)a Lab-Dup	RDL	QC Batch	MW-IPD-D1(S)b	RDL	QC Batch
Total Lithium (Li)	ug/L				1.71	0.50	8123758
Dissolved Manganese (Mn)	ug/L				65.4	0.050	8123760
Total Manganese (Mn)	ug/L				65.6	0.050	8123758
Dissolved Molybdenum (Mo)	ug/L				4.24	0.050	8123760
Total Molybdenum (Mo)	ug/L				4.26	0.050	8123758
Dissolved Nickel (Ni)	ug/L				0.711	0.020	8123760
Total Nickel (Ni)	ug/L				0.678	0.020	8123758
Dissolved Selenium (Se)	ug/L				<0.040	0.040	8123760
Total Selenium (Se)	ug/L				<0.040	0.040	8123758
Total Silver (Ag)	ug/L				0.0071	0.0050	8123758
Dissolved Strontium (Sr)	ug/L				94.4	0.050	8123760
Total Strontium (Sr)	ug/L				95.4	0.050	8123758
Dissolved Thallium (Tl)	ug/L				<0.0020	0.0020	8123760
Total Thallium (Tl)	ug/L				<0.0020	0.0020	8123758
Dissolved Tin (Sn)	ug/L				<0.20	0.20	8123760
Total Tin (Sn)	ug/L				<0.20	0.20	8123758
Dissolved Titanium (Ti)	ug/L				<0.50	0.50	8123760
Total Titanium (Ti)	ug/L				<0.50	0.50	8123758
Dissolved Uranium (U)	ug/L				4.21	0.0020	8123760
Total Uranium (U)	ug/L				4.26	0.0020	8123758
Dissolved Vanadium (V)	ug/L				<0.20	0.20	8123760
Total Vanadium (V)	ug/L				<0.20	0.20	8123758
Dissolved Zinc (Zn)	ug/L				2.55	0.10	8136750
Total Zinc (Zn)	ug/L				1.35	0.10	8123758
Dissolved Calcium (Ca)	mg/L				13.6	0.050	8136749
Total Calcium (Ca)	mg/L				13.7	0.050	8136751
Dissolved Magnesium (Mg)	mg/L				5.35	0.050	8136749
Total Magnesium (Mg)	mg/L				5.31	0.050	8136751
Dissolved Potassium (K)	mg/L				1.96	0.050	8136749
Total Potassium (K)	mg/L				1.94	0.050	8136751
Dissolved Sodium (Na)	mg/L				3.73	0.050	8136749
Total Sodium (Na)	mg/L				3.70	0.050	8136751
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP049			TEP050		
Sampling Date		2022/07/12 12:00			2022/07/12 12:00		
COC Number		542419			542419		
	UNITS	MW-IPD-D1(S)a Lab-Dup	RDL	QC Batch	MW-IPD-D1(S)b	RDL	QC Batch
Nutritional Parameters							
Total Phosphorus (P)	mg/L				0.022 (1)	0.0010	8134665
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate (1) Matrix spike exceeds acceptance limits due to probable matrix interference.							

Bureau Veritas ID		TEP050		
Sampling Date		2022/07/12 12:00		
COC Number		542419		
	UNITS	MW-IPD-D1(S)b Lab-Dup	RDL	QC Batch
Inorganics				
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	8119518
Orthophosphate (P)	mg/L	0.024	0.010	8116310
Dissolved Chloride (Cl-)	mg/L	3.0	1.0	8116301
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate				



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		TEP045	TEP046			TEP046		
Sampling Date		2022/07/11 12:00	2022/07/11 12:00			2022/07/11 12:00		
COC Number		542419	542419			542419		
	UNITS	MW-16-01a	MW-16-01b	RDL	QC Batch	MW-16-01b Lab-Dup	RDL	QC Batch
ANIONS								
Bromide (Br-)	mg/L	2.24	2.07	0.10	8232010			
Calculated Parameters								
Total Hardness (CaCO3)	mg/L	933	935	0.50	8129880			
Metals								
Dissolved Calcium (Ca)	mg/L	270	260	0.05	8115244			
Dissolved Magnesium (Mg)	mg/L	92	90	0.05	8115244			
Mercury (Hg)	mg/L	<0.00010	<0.00010	0.00010	8117347			
Dissolved Mercury (Hg)	mg/L	<0.00010	<0.00010	0.00010	8117372	<0.00010	0.00010	8117372
Dissolved Potassium (K)	mg/L	22	22	1	8115244			
Dissolved Sodium (Na)	mg/L	340	330	0.5	8115244			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate								

Bureau Veritas ID		TEP047		TEP048	TEP049			TEP049		
Sampling Date		2022/07/11 12:00		2022/07/11 12:00	2022/07/12 12:00			2022/07/12 12:00		
COC Number		542419		542419	542419			542419		
	UNITS	FB-22-1	QC Batch	TB-22-1	MW-IPD-D1(S)a	RDL	QC Batch	MW-IPD-D1(S)a Lab-Dup	RDL	QC Batch
ANIONS										
Bromide (Br-)	mg/L	<0.010	8232010	<0.010	0.043	0.010	8232010	0.043	0.010	8232010
Calculated Parameters										
Total Hardness (CaCO3)	mg/L	6.83	8129880	<0.50	56.5	0.50	8129880			
Metals										
Dissolved Calcium (Ca)	mg/L	<0.05	8115244	<0.05	15	0.05	8115244			
Dissolved Magnesium (Mg)	mg/L	<0.05	8115244	<0.05	5.7	0.05	8115244			
Mercury (Hg)	mg/L	<0.00001	8116991	<0.00001	<0.00001	0.00001	8116968			
Dissolved Mercury (Hg)	mg/L	<0.00001	8115383	<0.00001	<0.00001	0.00001	8115383			
Dissolved Potassium (K)	mg/L	<1	8115244	<1	2	1	8115244			
Dissolved Sodium (Na)	mg/L	<0.5	8115244	<0.5	4.3	0.5	8115244			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		TEP050		
Sampling Date		2022/07/12 12:00		
COC Number		542419		
	UNITS	MW-IPD-D1(S)b	RDL	QC Batch
ANIONS				
Bromide (Br-)	mg/L	0.050	0.010	8232010
Calculated Parameters				
Total Hardness (CaCO3)	mg/L	56.0	0.50	8129880
Metals				
Dissolved Calcium (Ca)	mg/L	15	0.05	8115244
Dissolved Magnesium (Mg)	mg/L	5.6	0.05	8115244
Mercury (Hg)	mg/L	<0.00001	0.00001	8116968
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8115383
Dissolved Potassium (K)	mg/L	2	1	8115244
Dissolved Sodium (Na)	mg/L	4.2	0.5	8115244
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TEP045
Sample ID: MW-16-01a
Matrix: Water

Collected: 2022/07/11
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8115570	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury in Water by CVAA	CV/AA	8117347	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8130003	N/A	2022/07/21	Tyler Orr
Cyanide (Free)	SPEC	8132431	N/A	2022/07/26	Taylor Mullings
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8130156	N/A	2022/07/20	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8132430	N/A	2022/07/26	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/21	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	8232010	N/A	2022/09/01	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/27	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8123760	N/A	2022/07/21	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8136751	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8123758	N/A	2022/07/20	Andrew An
Silica (Reactive)	KONE	8130154	N/A	2022/07/21	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8130004	2022/07/22	2022/07/25	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120339	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116119	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8116057	2022/07/18	2022/07/19	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Total Kjeldahl Nitrogen in Water	SKAL	8119518	2022/07/20	2022/07/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8119874	N/A	2022/07/20	Nimarta Singh
Low Level Total Suspended Solids	BAL	8115210	2022/07/18	2022/07/19	Shaneil Hall
Turbidity	AT	8115233	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP046
Sample ID: MW-16-01b
Matrix: Water

Collected: 2022/07/11
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TEP046
Sample ID: MW-16-01b
Matrix: Water

Collected: 2022/07/11
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8115570	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury in Water by CVAA	CV/AA	8117347	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	8130003	N/A	2022/07/21	Tyler Orr
Cyanide (Free)	SPEC	8126629	N/A	2022/07/22	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8130156	N/A	2022/07/20	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8130157	N/A	2022/07/20	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/21	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	8232010	N/A	2022/09/01	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/27	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8123760	N/A	2022/07/21	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8136751	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8123758	N/A	2022/07/20	Andrew An
Silica (Reactive)	KONE	8130154	N/A	2022/07/21	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8130004	2022/07/22	2022/07/25	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120339	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116119	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8116057	2022/07/18	2022/07/19	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Total Kjeldahl Nitrogen in Water	SKAL	8119518	2022/07/20	2022/07/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8119874	N/A	2022/07/20	Nimarta Singh
Low Level Total Suspended Solids	BAL	8115210	2022/07/18	2022/07/19	Shaneil Hall
Turbidity	AT	8115233	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP046 Dup
Sample ID: MW-16-01b
Matrix: Water

Collected: 2022/07/11
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TEP047
Sample ID: FB-22-1
Matrix: Water

Collected: 2022/07/11
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8115570	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8115383	2022/07/18	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116991	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8134664	N/A	2022/07/22	Carlo Truong
Cyanide (Free)	SPEC	8130155	N/A	2022/07/23	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134666	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134667	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/21	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	8232010	N/A	2022/09/01	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/27	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8123760	N/A	2022/07/21	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8136751	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8123758	N/A	2022/07/20	Andrew An
Silica (Reactive)	KONE	8130154	N/A	2022/07/21	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8130004	2022/07/22	2022/07/25	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120339	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116119	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Total Kjeldahl Nitrogen in Water	SKAL	8129219	2022/07/25	2022/07/26	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8128907	N/A	2022/07/26	Nimarta Singh
Low Level Total Suspended Solids	BAL	8115210	2022/07/18	2022/07/19	Shaneil Hall
Turbidity	AT	8115233	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP048
Sample ID: TB-22-1
Matrix: Water

Collected: 2022/07/11
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TEP048
Sample ID: TB-22-1
Matrix: Water

Collected: 2022/07/11
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8115570	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8115383	2022/07/18	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	8134664	N/A	2022/07/22	Carlo Truong
Cyanide (Free)	SPEC	8130155	N/A	2022/07/23	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8130156	N/A	2022/07/20	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8132430	N/A	2022/07/26	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/21	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	8232010	N/A	2022/09/01	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/27	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8123760	N/A	2022/07/21	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8136751	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8123758	N/A	2022/07/20	Andrew An
Silica (Reactive)	KONE	8130154	N/A	2022/07/21	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8130004	2022/07/22	2022/07/25	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120339	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116119	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8116057	2022/07/18	2022/07/19	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Total Kjeldahl Nitrogen in Water	SKAL	8119518	2022/07/20	2022/07/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8119874	N/A	2022/07/20	Nimarta Singh
Low Level Total Suspended Solids	BAL	8115210	2022/07/18	2022/07/19	Shaneil Hall
Turbidity	AT	8115233	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP049
Sample ID: MW-IPD-D1(S)a
Matrix: Water

Collected: 2022/07/12
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TEP049
Sample ID: MW-IPD-D1(S)a
Matrix: Water

Collected: 2022/07/12
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8115570	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8115383	2022/07/18	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8124385	N/A	2022/07/21	Tyler Orr
Cyanide (Free)	SPEC	8130155	N/A	2022/07/23	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8130156	N/A	2022/07/20	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8130157	N/A	2022/07/20	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/21	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	8232010	N/A	2022/09/01	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8136750	N/A	2022/07/27	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8136751	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8123758	N/A	2022/07/20	Andrew An
Silica (Reactive)	KONE	8130154	N/A	2022/07/21	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8134665	2022/07/23	2022/07/26	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120339	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116119	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Total Kjeldahl Nitrogen in Water	SKAL	8119518	2022/07/20	2022/07/20	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8119874	N/A	2022/07/20	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117906	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8115233	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP049 Dup
Sample ID: MW-IPD-D1(S)a
Matrix: Water

Collected: 2022/07/12
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Bromide as Bromine (Br) by ICPMS	ICP/MS	8232010	N/A	2022/09/01	Sahar Omar Al-Abdalla-Inactive
Total Ammonia-N	LACH/NH4	8120339	N/A	2022/07/21	Raiq Kashif
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TEP049 Dup
Sample ID: MW-IPD-D1(S)a
Matrix: Water

Collected: 2022/07/12
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Low Level Total Suspended Solids	BAL	8117906	2022/07/19	2022/07/20	Shaneil Hall

Bureau Veritas ID: TEP050
Sample ID: MW-IPD-D1(S)b
Matrix: Water

Collected: 2022/07/12
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8115570	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8115383	2022/07/18	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8124385	N/A	2022/07/21	Tyler Orr
Cyanide (Free)	SPEC	8132431	N/A	2022/07/26	Taylor Mullings
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8130156	N/A	2022/07/20	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8132430	N/A	2022/07/26	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/21	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	8232010	N/A	2022/09/01	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8123760	N/A	2022/07/21	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8136751	N/A	2022/07/21	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8123758	N/A	2022/07/20	Andrew An
Silica (Reactive)	KONE	8130154	N/A	2022/07/21	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8134665	2022/07/23	2022/07/26	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120339	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116119	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Pardeep Purewal
Total Kjeldahl Nitrogen in Water	SKAL	8119518	2022/07/20	2022/07/20	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8119874	N/A	2022/07/20	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117892	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8115233	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk



**BUREAU
VERITAS**

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TEP050 Dup
Sample ID: MW-IPD-D1(S)b
Matrix: Water

Collected: 2022/07/12
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Total Kjeldahl Nitrogen in Water	SKAL	8119518	2022/07/20	2022/07/20	Massarat Jan



GENERAL COMMENTS

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

Package 1	17.7°C
Package 2	19.0°C
Package 3	19.7°C
Package 4	18.3°C
Package 5	17.0°C
Package 6	16.0°C
Package 7	19.0°C
Package 8	19.3°C
Package 9	17.0°C
Package 10	16.3°C
Package 11	17.0°C
Package 12	19.0°C

Revised Report (2022/09/19): Low level Bromide analyss added per client request.

Sample TEP045 [MW-16-01a] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (Free). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable).

Sample TEP046 [MW-16-01b] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample TEP047 [FB-22-1] : SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable).

Sample TEP048 [TB-22-1] : SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised.

Sample TEP050 [MW-IPD-D1(S)b] : ortho-Phosphate > Total Phosphorus: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample TEP045, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TEP046, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TEP049, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TEP050, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027

Report Date: 2022/09/19

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: PO 1121445

Sampler Initials: IW

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
8115210	Total Suspended Solids	2022/07/19					<1	mg/L	0	25	95	85 - 115
8115233	Turbidity	2022/07/18			96	85 - 115	<0.1	NTU	3.6	20		
8115244	Dissolved Calcium (Ca)	2022/07/19	NC	80 - 120	102	80 - 120	<0.05	mg/L	0.68	25		
8115244	Dissolved Magnesium (Mg)	2022/07/19	NC	80 - 120	99	80 - 120	<0.05	mg/L	0.90	25		
8115244	Dissolved Potassium (K)	2022/07/19	96	80 - 120	103	80 - 120	<1	mg/L	0.94	25		
8115244	Dissolved Sodium (Na)	2022/07/19	NC	80 - 120	103	80 - 120	<0.5	mg/L	2.7	25		
8115383	Dissolved Mercury (Hg)	2022/07/19	104	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
8115570	Dissolved Organic Carbon	2022/07/19	97	80 - 120	99	80 - 120	<0.40	mg/L	3.8	20		
8116057	Total Dissolved Solids	2022/07/19					<10	mg/L	1.9	25	95	90 - 110
8116119	Nitrate (N)	2022/07/20	92	80 - 120	104	80 - 120	<0.10	mg/L	0.16	20		
8116119	Nitrite (N)	2022/07/20	99	80 - 120	107	80 - 120	<0.010	mg/L				
8116301	Dissolved Chloride (Cl-)	2022/07/19	NC	80 - 120	103	80 - 120	<1.0	mg/L	5.1	20		
8116305	Alkalinity (Total as CaCO3)	2022/07/19			96	85 - 115	<1.0	mg/L	1.5	20		
8116310	Orthophosphate (P)	2022/07/19	102	75 - 125	99	80 - 120	<0.010	mg/L	8.5	25		
8116312	Conductivity	2022/07/19			104	85 - 115	<1.0	umho/cm	1.2	25		
8116316	pH	2022/07/19			102	98 - 103			0.91	N/A		
8116318	Fluoride (F-)	2022/07/19	88	80 - 120	90	80 - 120	<0.10	mg/L	2.4	20		
8116968	Mercury (Hg)	2022/07/19	99	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
8116991	Mercury (Hg)	2022/07/19	99	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
8117200	Total Dissolved Solids	2022/07/20					<10	mg/L	8.0	25	97	90 - 110
8117347	Mercury (Hg)	2022/07/19	96	75 - 125	100	80 - 120	<0.00010	mg/L	NC	20		
8117372	Dissolved Mercury (Hg)	2022/07/19	100	75 - 125	102	80 - 120	<0.00010	mg/L	NC	20		
8117892	Total Suspended Solids	2022/07/20					<1	mg/L	16	25	96	85 - 115
8117906	Total Suspended Solids	2022/07/20					<1	mg/L	NC	25	100	85 - 115
8119518	Total Kjeldahl Nitrogen (TKN)	2022/07/20	102	80 - 120	100	80 - 120	<0.10	mg/L	4.9	20	102	80 - 120
8119874	Total Organic Carbon (TOC)	2022/07/20	107	80 - 120	98	80 - 120	<0.40	mg/L	0.22	20		
8120339	Total Ammonia-N	2022/07/21	92	75 - 125	102	80 - 120	<0.050	mg/L	20	20		
8123758	Total Aluminum (Al)	2022/07/20	97	80 - 120	98	80 - 120	<0.50	ug/L	NC	20		
8123758	Total Antimony (Sb)	2022/07/20	101	80 - 120	97	80 - 120	<0.020	ug/L	NC	20		
8123758	Total Arsenic (As)	2022/07/20	106	80 - 120	100	80 - 120	<0.020	ug/L	NC	20		
8123758	Total Barium (Ba)	2022/07/20	NC	80 - 120	98	80 - 120	<0.020	ug/L	NC	20		



BUREAU VERITAS

Bureau Veritas Job #: C2J9027

Report Date: 2022/09/19

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: PO 1121445

Sampler Initials: IW

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
8123758	Total Beryllium (Be)	2022/07/20	99	80 - 120	97	80 - 120	<0.010	ug/L	NC	20		
8123758	Total Bismuth (Bi)	2022/07/20	95	80 - 120	96	80 - 120	<0.0050	ug/L	NC	20		
8123758	Total Boron (B)	2022/07/20	100	80 - 120	97	80 - 120	<10	ug/L	NC	20		
8123758	Total Cadmium (Cd)	2022/07/20	96	80 - 120	96	80 - 120	<0.0050	ug/L	NC	20		
8123758	Total Chromium (Cr)	2022/07/20	94	80 - 120	97	80 - 120	<0.10	ug/L	NC	20		
8123758	Total Copper (Cu)	2022/07/20	87	80 - 120	94	80 - 120	<0.050	ug/L	NC	20		
8123758	Total Iron (Fe)	2022/07/20	100	80 - 120	99	80 - 120	<1.0	ug/L	NC	20		
8123758	Total Lead (Pb)	2022/07/20	97	80 - 120	97	80 - 120	<0.0050	ug/L	NC	20		
8123758	Total Lithium (Li)	2022/07/20	97	80 - 120	94	80 - 120	<0.50	ug/L	NC	20		
8123758	Total Manganese (Mn)	2022/07/20	93	80 - 120	97	80 - 120	<0.050	ug/L	NC	20		
8123758	Total Molybdenum (Mo)	2022/07/20	105	80 - 120	98	80 - 120	<0.050	ug/L	NC	20		
8123758	Total Nickel (Ni)	2022/07/20	91	80 - 120	95	80 - 120	<0.020	ug/L	NC	20		
8123758	Total Selenium (Se)	2022/07/20	101	80 - 120	97	80 - 120	<0.040	ug/L	NC	20		
8123758	Total Silver (Ag)	2022/07/20	97	80 - 120	97	80 - 120	<0.0050	ug/L	NC	20		
8123758	Total Strontium (Sr)	2022/07/20	NC	80 - 120	98	80 - 120	<0.050	ug/L	NC	20		
8123758	Total Thallium (Tl)	2022/07/20	99	80 - 120	96	80 - 120	<0.0020	ug/L	NC	20		
8123758	Total Tin (Sn)	2022/07/20	99	80 - 120	98	80 - 120	<0.20	ug/L	NC	20		
8123758	Total Titanium (Ti)	2022/07/20	97	80 - 120	97	80 - 120	<0.50	ug/L	NC	20		
8123758	Total Uranium (U)	2022/07/20	101	80 - 120	100	80 - 120	<0.0020	ug/L	NC	20		
8123758	Total Vanadium (V)	2022/07/20	97	80 - 120	98	80 - 120	<0.20	ug/L	NC	20		
8123758	Total Zinc (Zn)	2022/07/20	NC	80 - 120	98	80 - 120	<0.10	ug/L	NC	20		
8123760	Dissolved Aluminum (Al)	2022/07/21	100	80 - 120	99	80 - 120	<0.50	ug/L				
8123760	Dissolved Antimony (Sb)	2022/07/21	100	80 - 120	100	80 - 120	<0.020	ug/L				
8123760	Dissolved Arsenic (As)	2022/07/21	104	80 - 120	101	80 - 120	<0.020	ug/L				
8123760	Dissolved Barium (Ba)	2022/07/21	99	80 - 120	98	80 - 120	<0.020	ug/L				
8123760	Dissolved Beryllium (Be)	2022/07/21	100	80 - 120	98	80 - 120	<0.010	ug/L				
8123760	Dissolved Bismuth (Bi)	2022/07/21	98	80 - 120	96	80 - 120	<0.0050	ug/L				
8123760	Dissolved Boron (B)	2022/07/21	102	80 - 120	98	80 - 120	<10	ug/L				
8123760	Dissolved Cadmium (Cd)	2022/07/21	99	80 - 120	97	80 - 120	<0.0050	ug/L				
8123760	Dissolved Chromium (Cr)	2022/07/21	99	80 - 120	97	80 - 120	<0.10	ug/L				
8123760	Dissolved Copper (Cu)	2022/07/21	96	80 - 120	96	80 - 120	<0.050	ug/L				
8123760	Dissolved Iron (Fe)	2022/07/21	100	80 - 120	102	80 - 120	<1.0	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027

Report Date: 2022/09/19

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: PO 1121445

Sampler Initials: IW

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
8123760	Dissolved Lead (Pb)	2022/07/21	100	80 - 120	99	80 - 120	<0.0050	ug/L				
8123760	Dissolved Lithium (Li)	2022/07/21	97	80 - 120	96	80 - 120	<0.50	ug/L				
8123760	Dissolved Manganese (Mn)	2022/07/21	98	80 - 120	97	80 - 120	<0.050	ug/L				
8123760	Dissolved Molybdenum (Mo)	2022/07/21	103	80 - 120	100	80 - 120	<0.050	ug/L				
8123760	Dissolved Nickel (Ni)	2022/07/21	97	80 - 120	97	80 - 120	<0.020	ug/L				
8123760	Dissolved Selenium (Se)	2022/07/21	102	80 - 120	99	80 - 120	<0.040	ug/L				
8123760	Dissolved Strontium (Sr)	2022/07/21	NC	80 - 120	97	80 - 120	<0.050	ug/L				
8123760	Dissolved Thallium (Tl)	2022/07/21	100	80 - 120	96	80 - 120	<0.0020	ug/L				
8123760	Dissolved Tin (Sn)	2022/07/21	100	80 - 120	99	80 - 120	<0.20	ug/L				
8123760	Dissolved Titanium (Ti)	2022/07/21	100	80 - 120	97	80 - 120	<0.50	ug/L				
8123760	Dissolved Uranium (U)	2022/07/21	103	80 - 120	100	80 - 120	<0.0020	ug/L				
8123760	Dissolved Vanadium (V)	2022/07/21	100	80 - 120	98	80 - 120	<0.20	ug/L				
8123760	Dissolved Zinc (Zn)	2022/07/21	100	80 - 120	100	80 - 120	<0.10	ug/L				
8124385	Dissolved Sulphate (SO4)	2022/07/21	NC	80 - 120	103	80 - 120	<0.50	mg/L				
8126629	Free Cyanide (CN)	2022/07/22	100	N/A	99	80 - 120	<2.0	ug/L	NC	20		
8128907	Total Organic Carbon (TOC)	2022/07/25	93	80 - 120	98	80 - 120	<0.40	mg/L	0.32	20		
8129219	Total Kjeldahl Nitrogen (TKN)	2022/07/26	96	80 - 120	98	80 - 120	<0.10	mg/L	12	20	98	80 - 120
8130003	Dissolved Sulphate (SO4)	2022/07/21	98	80 - 120	102	80 - 120	<0.50	mg/L	5.7	20		
8130004	Total Phosphorus (P)	2022/07/25	99	80 - 120	92	80 - 120	0.0014, RDL=0.0010 (1)	mg/L			90	80 - 120
8130154	Reactive Silica (SiO2)	2022/07/21	103	80 - 120	100	80 - 120	<0.050	mg/L				
8130155	Free Cyanide (CN)	2022/07/23	105	N/A	100	80 - 120	<2.0	ug/L				
8130156	Strong Acid Dissoc. Cyanide (CN)	2022/07/20	94	80 - 120	100	80 - 120	<0.00050	mg/L				
8130157	Weak Acid Dissoc. Cyanide (CN)	2022/07/20	103	80 - 120	101	80 - 120	<0.00050	mg/L				
8132430	Weak Acid Dissoc. Cyanide (CN)	2022/07/26	99	80 - 120	98	80 - 120	<0.00050	mg/L				
8132431	Free Cyanide (CN)	2022/07/26	85	80 - 120	99	80 - 120	<2.0	ug/L				
8134664	Dissolved Sulphate (SO4)	2022/07/22	NC	80 - 120	100	80 - 120	<0.50	mg/L				
8134665	Total Phosphorus (P)	2022/07/26	138 (2)	80 - 120	105	80 - 120	0.0019, RDL=0.0010 (3)	mg/L			96	80 - 120
8134666	Strong Acid Dissoc. Cyanide (CN)	2022/07/27	92	80 - 120	101	80 - 120	<0.00050	mg/L				
8134667	Weak Acid Dissoc. Cyanide (CN)	2022/07/27	105	80 - 120	99	80 - 120	<0.00050	mg/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2J9027

Report Date: 2022/09/19

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: PO 1121445

Sampler Initials: IW

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
8136750	Dissolved Aluminum (Al)	2022/07/27			105	80 - 120	<0.50	ug/L				
8136750	Dissolved Copper (Cu)	2022/07/27			100	80 - 120	<0.050	ug/L				
8136750	Dissolved Lead (Pb)	2022/07/27			104	80 - 120	<0.0050	ug/L				
8136750	Dissolved Thallium (Tl)	2022/07/27			102	80 - 120	<0.0020	ug/L				
8136750	Dissolved Zinc (Zn)	2022/07/27			109	80 - 120	<0.10	ug/L				
8137225	Redox Potential	2022/07/29			100	95 - 105			1.3	N/A		
8232010	Bromide (Br-)	2022/09/01	99	78 - 120	90	80 - 120	<0.010	mg/L	0.80	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.

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) Method Blank <2XRDL. No impact to data quality.

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

(3) Method blank <2XRDL.



VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

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

Cristina Carriere, Senior Scientific Specialist

David Huang, B.B.Y. Scientific Specialist

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

Suwan (Sze Yeung) Fock, B.Sc., 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 Signature Page.



**BUREAU
VERITAS**

Bureau Veritas Job #: C2J9027
Report Date: 2022/09/19

Agnico Eagle
Your P.O. #: PO 1121445
Sampler Initials: IW

**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.						



Project Information: C2J9027
Job Received: 2022/07/15 09:30
Expected TAT: Standard TAT
Expected Arrival: 2022/07/15
Submitted By: Louis Dubois
Submitted To: Ottawa, ON

Invoice Information

Attn: Accounts Payable
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
invoices.meadowbank@agnicoeagle.com

Report Information

Attn: Reporting
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
meadowbank.environment@agnicoeagle.com
agnico.equis@agnicoeagle.com

Project Information

Quote #: C05143
PO/AFE#: PO 1121445
Project #:
Site Location:
Site #: MBK

Analytical Summary

A: Standard TAT

Table with 6 columns: Client Sample ID, Clnt Ref, Sampling Date/Time, Matrix, #Cont, and a vertical label 'Groundwater Monitoring'. Rows include MW-16-01a, MW-16-01b, FB-22-1, TB-22-1, MW-IPD-D1(S)a, and MW-IPD-D1(S)b.

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Submission Information

of Samples: 6

eCOC Change Log

Table with 4 columns: Modified By, Date Modified, Changes, and Comments. Row 1: Louis Dubois, 13 Jul 22 08:34:14, Sample ID's, Sample Information.



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Alkalinity (Total as CaCO3)	1	mg/L	All
	Ammonium (NH4)	0.02	mg/L	All
	Dissolved Bromide (Br-)	1	mg/L	All
	Bicarb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Carb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Dissolved Chloride (Cl-)	1	mg/L	All
	Conductivity	1	umho/cm	All
	Free Cyanide (CN)	2	ug/L	All
	Weak Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Strong Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Dissolved Mercury (Hg)	0.00001	mg/L	All
	Dissolved Organic Carbon	0.4	mg/L	All
	Dissolved Aluminum (Al)	0.5	ug/L	All
	Dissolved Antimony (Sb)	0.02	ug/L	All
	Dissolved Arsenic (As)	0.02	ug/L	All
	Dissolved Barium (Ba)	0.02	ug/L	All
	Dissolved Beryllium (Be)	0.01	ug/L	All
	Dissolved Bismuth (Bi)	0.005	ug/L	All
	Dissolved Boron (B)	10	ug/L	All
	Dissolved Cadmium (Cd)	0.005	ug/L	All
	Dissolved Chromium (Cr)	0.1	ug/L	All
	Dissolved Copper (Cu)	0.05	ug/L	All
	Dissolved Iron (Fe)	1	ug/L	All
	Dissolved Lead (Pb)	0.005	ug/L	All
	Dissolved Lithium (Li)	0.5	ug/L	All
	Dissolved Manganese (Mn)	0.05	ug/L	All
	Dissolved Molybdenum (Mo)	0.05	ug/L	All
	Dissolved Nickel (Ni)	0.02	ug/L	All
	Dissolved Selenium (Se)	0.04	ug/L	All
	Dissolved Strontium (Sr)	0.05	ug/L	All
	Dissolved Thallium (Tl)	0.002	ug/L	All
	Dissolved Tin (Sn)	0.2	ug/L	All
	Dissolved Titanium (Ti)	0.5	ug/L	All
	Dissolved Uranium (U)	0.002	ug/L	All
	Dissolved Vanadium (V)	0.2	ug/L	All
	Dissolved Zinc (Zn)	0.1	ug/L	All
	Total Aluminum (Al)	0.5	ug/L	All
	Total Antimony (Sb)	0.02	ug/L	All
	Total Arsenic (As)	0.02	ug/L	All
	Total Barium (Ba)	0.02	ug/L	All
	Total Beryllium (Be)	0.01	ug/L	All
	Total Bismuth (Bi)	0.005	ug/L	All
	Total Boron (B)	10	ug/L	All
Total Cadmium (Cd)	0.005	ug/L	All	



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Chromium (Cr)	0.1	ug/L	All
	Total Copper (Cu)	0.05	ug/L	All
	Total Iron (Fe)	1	ug/L	All
	Total Lead (Pb)	0.005	ug/L	All
	Total Lithium (Li)	0.5	ug/L	All
	Total Manganese (Mn)	0.05	ug/L	All
	Total Molybdenum (Mo)	0.05	ug/L	All
	Total Nickel (Ni)	0.02	ug/L	All
	Total Selenium (Se)	0.04	ug/L	All
	Total Silver (Ag)	0.005	ug/L	All
	Total Strontium (Sr)	0.05	ug/L	All
	Total Thallium (Tl)	0.002	ug/L	All
	Total Tin (Sn)	0.2	ug/L	All
	Total Titanium (Ti)	0.5	ug/L	All
	Total Uranium (U)	0.002	ug/L	All
	Total Vanadium (V)	0.2	ug/L	All
	Total Zinc (Zn)	0.1	ug/L	All
	Field Measured pH	N/A	pH	All
	Field Temperature	N/A	Celsius	All
	Fluoride (F-)	0.1	mg/L	All
	Total Hardness (CaCO3)	0.5	mg/L	All
	Dissolved Calcium (Ca)	0.05	mg/L	All
	Dissolved Magnesium (Mg)	0.05	mg/L	All
	Dissolved Potassium (K)	1	mg/L	All
	Dissolved Sodium (Na)	0.5	mg/L	All
	Dissolved Sulphate (SO4)	0.5	mg/L	All
	Total Suspended Solids	1	mg/L	All
	Mercury (Hg)	0.00001	mg/L	All
	Total Calcium (Ca)	0.01	mg/L	All
	Total Magnesium (Mg)	0.01	mg/L	All
	Total Potassium (K)	0.01	mg/L	All
	Total Sodium (Na)	0.01	mg/L	All
	Nitrite (N)	0.01	mg/L	All
	Nitrate (N)	0.1	mg/L	All
	Nitrate + Nitrite (N)	0.1	mg/L	All
	Orthophosphate (P)	0.01	mg/L	All
	pH	N/A	pH	All
	Reactive Silica (SiO2)	0.05	mg/L	All
	Sodium Adsorption Ratio	N/A	N/A	All
	Total Ammonia (as NH3)	5	mg/L	All
	Total Ammonia-N	0.05	mg/L	All
	Total Dissolved Solids	10	mg/L	All
	Total dissolved solids (calc., EC)	10	mg/L	All
	Total Kjeldahl Nitrogen (TKN)	0.1	mg/L	All



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Organic Carbon (TOC)	0.4	mg/L	All
	Total Phosphorus (P)	0.001	mg/L	All
	Turbidity	0.1	NTU	All
	Un-ionized Ammonia (as N)	0.0001	mg/L	All

**RDLs are subject to change based on interferences present at the time of analysis.*



Cost Estimate

#	Description	Matrix	Quote #	Rate	Test Total
6	Groundwater Monitoring	WATER	C05143	\$ 500.20	\$ 3,001.20
Total (excluding applicable taxes):				\$ 3,001.20	

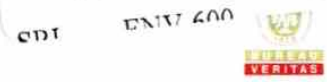
Prices listed above are estimates only and are subject to change

eCOC: T542419 - Field Data

Project Information: C2J9027
Job Received: 2022/07/15 09:30
Expected TAT: Standard TAT

Field Data		DISSOLVED METALS FIELD FILTERED?	FIELD PH	FIELD TEMPERATURE (°C)	SAMPLER NAME
Client Sample ID	Matrix				
MW-16-01a	W	Yes	6.06	4.57	IW
MW-16-01b	W	Yes	6.06	4.57	IW
FB-22-1	W	Yes	6.06	4.57	IW
TB-22-1	W	Yes	6.06	4.57	IW
MW-IPD-D1(S)a	W	Yes	7.26	26.09	IW
MW-IPD-D1(S)b	W	Yes	7.26	26.09	IW

15-Jul-22 09:30
 Katherine Szozda
 C2J9027



Custody Tracking Form

eCOC Number
TS42419

This form is utilized for eCOC custody tracking when unable to print the document directly from the portal. Please ensure that you add the eCOC Number to the box on the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By			Received By		
Louis Dubois 2022-07-13	Date		DIPKA SINGH <i>[Signature]</i>	Date	
	Time (24 HR)			Time (24 HR)	
	Date			Date	2022/07/16
	Time (24 HR)			Time (24 HR)	08:32
	Date			Date	
	Time (24 HR)			Time (24 HR)	

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>

Triage Information

Sampled By (Print) Ibrahim Uade # of Coolers/Pkgs 3 Rush Immediate Test Food Residue

Micro Food Chemistry

***** Laboratory Use Only *****

Received At: Lab Comments:

Labeled By:

Verified By:

Custody Seal		Cooling Media Present (Y/N)	Temperature °C		
Present (Y/N)	Intact (Y/N)		1	2	3
			Refer to ACR		

15-Jul-22 09:30
 Katherine Szozda
 C2J9027

EDT EST 400



Custody Tracking Form

eCOC Number
TS42419

This form is utilized for eCOC custody tracking when unable to print the document directly from the portal. Please ensure that you add the eCOC Number to the box on the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By			Received By			
Louis Dubois 2022-07-13	Date		Kam Singh	[Signature]	Date	2022/07/15
	Time (24 HR)				Time (24 HR)	09:00
	Date		DIPIKA SINGH	[Signature]	Date	2022/07/16
	Time (24 HR)				Time (24 HR)	08:32
	Date				Date	
	Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>

Triage Information

Sampled By (Print) I. Brahima Wade # of Coolers/Phgs 3 Rush Immediate Test Food Residue
 Micro Food Chemistry

*** Laboratory Use Only ***

Received At		Lab Comments:	Custody Seal		Cooling Media Present (Y/N)	Temperature °C		
Labeled By			Present (Y/N)	Intact (Y/N)		1	2	3
Verified By				✓	✓	✓	Refer to ACTR	

Appendix C-II Analytical Report No. C2J9092

Monitoring Location	WSP Sample ID	Lab Sample ID
ST-S-1	ST-S-1	TEP-542
ST-17	ST-17	TEP543
ST-19	ST-19	TEP544
ST-21-S	ST-21-South	TEP545
ST-21-N	ST-21-North	TEP546
SWMP	SWMP	TEP547
ST-S-5	ST-S-5	TEP548
ST-31	ST-31	TEP549
TPL-Assay	TPL-Assay	TEP550
ST-17FB	ST-17	TEP551



Your P.O. #: PO 1121445
 Site Location: MBK
 Your C.O.C. #: 541039

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/11/07
 Report #: R7377643
 Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2J9092
Received: 2022/07/15, 09:30

Sample Matrix: Water
 # Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity	6	N/A	2022/07/19	CAM SOP-00448	SM 23 2320 B m
Alkalinity	4	N/A	2022/07/20	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide	7	N/A	2022/07/20	CAM SOP-00102	APHA 4500-CO2 D
Carbonate, Bicarbonate and Hydroxide	2	N/A	2022/07/21	CAM SOP-00102	APHA 4500-CO2 D
Anions	9	N/A	2022/07/19	CAM SOP-00435	SM 23 4110 B m
Chloride by Automated Colourimetry	9	N/A	2022/07/19	CAM SOP-00463	SM 23 4500-Cl E m
Chloride by Automated Colourimetry	1	N/A	2022/07/20	CAM SOP-00463	SM 23 4500-Cl E m
Colour	1	N/A	2022/07/19	CAM SOP-00412	SM 23 2120C m
Conductivity	6	N/A	2022/07/19	CAM SOP-00414	SM 23 2510 m
Conductivity	2	N/A	2022/07/20	CAM SOP-00414	SM 23 2510 m
Conductivity	1	N/A	2022/07/20	CAM SOP-00414	SM 23 2510 m
Cyanate (3)	5	N/A	2022/09/06	CAM SOP-00471	SM 23 4500-CN L
Dissolved Organic Carbon (DOC) (4)	9	N/A	2022/07/19	CAM SOP-00446	SM 23 5310 B m
Dissolved Oxygen	1	2022/07/19	2022/07/19	CAM SOP-00427	SM 23 4500 O G m
Fluoride	6	2022/07/18	2022/07/19	CAM SOP-00449	SM 23 4500-F C m
Fluoride	1	2022/07/18	2022/07/20	CAM SOP-00449	SM 23 4500-F C m
Fluoride	3	2022/07/19	2022/07/20	CAM SOP-00449	SM 23 4500-F C m
Dissolved Mercury in Water by CVAA	5	2022/07/19	2022/07/19	CAM SOP-00453	EPA 7470A m
Mercury in Water by CVAA	5	2022/07/19	2022/07/19	CAM SOP-00453	EPA 7470A m
Dissolved Mercury (low level)	4	2022/07/19	2022/07/19	CAM SOP-00453	EPA 7470 m
Mercury (low level)	5	2022/07/19	2022/07/19	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP	8	2022/07/18	2022/07/19	CAM SOP-00408	EPA 6010D m
Low Level Chloride and Sulphate by AC (1)	1	N/A	2022/07/27	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Low Level Chloride and Sulphate by AC (1)	8	N/A	2022/07/28	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Low Level Chloride and Sulphate by AC (1)	1	N/A	2022/07/29	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Cyanide (Free) (1)	6	N/A	2022/07/27	CAL SOP-00266	EPA 9016d R0 m
Cyanide (Free) (1)	4	N/A	2022/08/12	CAL SOP-00266	EPA 9016d R0 m



Your P.O. #: PO 1121445
 Site Location: MBK
 Your C.O.C. #: 541039

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA P0X 0A1

Report Date: 2022/11/07
 Report #: R7377643
 Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2J9092

Received: 2022/07/15, 09:30

Sample Matrix: Water
 # Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Cyanide, Strong Acid Dissociable (SAD) (1)	10	N/A	2022/07/27	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (1)	10	N/A	2022/07/27	CAL SOP-00270	SM 23 4500-CN m
Hardness Total (calculated as CaCO3) (2, 5)	5	N/A	2022/07/25	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (2, 5)	5	N/A	2022/07/26	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3) (2)	1	N/A	2022/07/22	BBY WI-00033	Auto Calc
Iodide, Thiosulphate, Thiocyanate (1)	1	N/A	2022/07/29	CAL SOP-00057	Dionex #034035 R09 m
Iodide, Thiosulphate, Thiocyanate (1)	5	N/A	2022/09/01	CAL SOP-00057	Dionex #034035 R09 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	1	N/A	2022/07/22	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	7	N/A	2022/07/23	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	1	N/A	2022/07/25	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (2)	6	N/A	2022/07/22	BBY7SOP-00002	EPA 6020B R2 m
Elements by ICPMS Low Level (dissolved) (2)	2	N/A	2022/07/23	BBY7SOP-00002	EPA 6020B R2 m
Elements by CRC ICPMS (dissolved) (2)	1	N/A	2022/07/21	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	1	2022/11/03	2022/11/04	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	1	2022/07/18	2022/07/26	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	5	N/A	2022/07/25	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	3	N/A	2022/07/26	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (2)	5	N/A	2022/07/24	BBY7SOP-00002	EPA 6020B R2 m
Elements by ICPMS Low Level (total) (2)	3	N/A	2022/07/26	BBY7SOP-00002	EPA 6020B R2 m
Elements by CRC ICPMS (total) (2)	2	2022/07/22	2022/07/23	BBY7SOP-00003/ BBY7SOEPA 6020B R2 m -00002	
Silica (Reactive) (1)	9	N/A	2022/07/29	AB SOP-00011	EPA370.1 R1978 m
Total Phosphorus Low Level Total (1)	4	2022/07/27	2022/07/27	AB SOP-00024	SM 23 4500-P A,B,F m
Total Phosphorus Low Level Total (1)	1	2022/07/27	2022/07/28	AB SOP-00024	SM 23 4500-P A,B,F m
Total Phosphorus Low Level Total (1)	4	2022/07/28	2022/07/29	AB SOP-00024	SM 23 4500-P A,B,F m
Total Ammonia (as NH3)	10	N/A	2022/07/22	Auto Calc.	
Ammonium as NH4+	7	N/A	2022/07/22		
Total Ammonia-N	10	N/A	2022/07/21	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (6)	3	N/A	2022/07/19	CAM SOP-00440	SM 23 4500-NO3I/NO2B
Nitrate & Nitrite as Nitrogen in Water (6)	7	N/A	2022/07/20	CAM SOP-00440	SM 23 4500-NO3I/NO2B



Your P.O. #: PO 1121445
 Site Location: MBK
 Your C.O.C. #: 541039

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/11/07
 Report #: R7377643
 Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2J9092
Received: 2022/07/15, 09:30

Sample Matrix: Water
 # Samples Received: 10

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
pH	6	2022/07/18	2022/07/19	CAM SOP-00413	SM 4500H+ B m
pH	1	2022/07/18	2022/07/20	CAM SOP-00413	SM 4500H+ B m
pH	2	2022/07/19	2022/07/20	CAM SOP-00413	SM 4500H+ B m
Field Measured pH (7)	9	N/A	2022/07/16		Field pH Meter
Orthophosphate	9	N/A	2022/07/19	CAM SOP-00461	EPA 365.1 m
Redox Potential (8)	8	2022/07/29	2022/08/02	CAM SOP-00421	SM 2580 B
Sodium Adsorption Ratio (SAR)	8	N/A	2022/07/19	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (Calc. from EC)	7	N/A	2022/07/20		Auto Calc
Total Dissolved Solids (Calc. from EC)	1	N/A	2022/07/21		Auto Calc
Total Dissolved Solids	10	2022/07/19	2022/07/20	CAM SOP-00428	SM 23 2540C m
Field Temperature (7)	9	N/A	2022/07/16		Field Thermometer
Total Kjeldahl Nitrogen in Water	9	2022/07/20	2022/07/21	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (9)	9	N/A	2022/07/21	CAM SOP-00446	SM 23 5310B m
Low Level Total Suspended Solids	10	2022/07/19	2022/07/20	CAM SOP-00428	SM 23 2540D m
Turbidity	3	N/A	2022/07/18	CAM SOP-00417	SM 23 2130 B m
Turbidity	7	N/A	2022/07/19	CAM SOP-00417	SM 23 2130 B m
Un-ionized Ammonia (as N) (10)	7	2022/07/18	2022/07/22	Calculation	Calculation

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



Your P.O. #: PO 1121445
Site Location: MBK
Your C.O.C. #: 541039

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2022/11/07
Report #: R7377643
Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2J9092

Received: 2022/07/15, 09:30

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 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) Sample(s) analyzed using methodologies that have been subjected to Bureau Veritas' standard validation process for the submitted matrix however it is not an accredited method.
- (4) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
- (5) "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).
- (6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (7) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (8) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (9) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (10) Un-ionized ammonia is calculated using the total ammonia result and field data provided by the client for pH and temperature.

Encryption Key

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

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP542			TEP542			TEP543		
Sampling Date		2022/07/10 16:05			2022/07/10 16:05			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-S-1	RDL	QC Batch	ST-S-1 Lab-Dup	RDL	QC Batch	ST-17	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8114691				16	0.061	8114691
Ammonium (NH4)	mg/L	<0.00061	0.00061	8114692				15	0.0057	8114692
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	30	1.0	8114687				72	1.0	8114687
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8114687				<1.0	1.0	8114687
Total Cyanate (CNO-)	mg/L	0.28	0.050	8201667				0.52	0.050	8201667
Total dissolved solids (calc., EC)	mg/L	59	10	8114688				1460	10	8114688
Sodium Adsorption Ratio	N/A	0.079 (1)		8114694				3.7		8114694

CONVENTIONALS										
Redox Potential	mV	210	N/A	8139186				230	N/A	8139186

Field Measurements										
Field Temperature	Celsius	4.4	N/A	ONSITE				13.2	N/A	ONSITE
Field Measured pH	pH	7.93		ONSITE				8.64		ONSITE

Inorganics										
Total Ammonia-N	mg/L	<0.050	0.050	8120324				13	0.050	8120324
Conductivity	umho/cm	98	1.0	8116312				2000	1.0	8116312
Free Cyanide (CN)	ug/L	3.5 (2)	2.0	8134786				3.2 (2)	2.0	8134786
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8134948				0.0378	0.00050	8134948
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8134949				0.0049 (3)	0.0025	8134949
Total Dissolved Solids	mg/L	55	10	8117200				1280	10	8117200
Fluoride (F-)	mg/L	<0.10	0.10	8116318				0.22	0.10	8116318
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	8120017				27	1.0	8120017
Dissolved Organic Carbon	mg/L	1.2	0.40	8117143				12	0.40	8117143
Total Organic Carbon (TOC)	mg/L	1.1	0.40	8120005				16	0.40	8120005

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.
 (2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.
 Sample was analyzed after holding time expired.
 (3) Detection limits raised due to matrix interference.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP542			TEP542			TEP543		
Sampling Date		2022/07/10 16:05			2022/07/10 16:05			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-S-1	RDL	QC Batch	ST-S-1 Lab-Dup	RDL	QC Batch	ST-17	RDL	QC Batch
Orthophosphate (P)	mg/L	<0.010	0.010	8116310				0.011	0.010	8116310
pH	pH	7.67		8116316				7.51		8116316
Total Phosphorus (P)	mg/L	<0.0010	0.0010	8136969				0.13	0.0010	8136969
Reactive Silica (SiO2)	mg/L	1.3	0.050	8140140				4.3	0.050	8162120
Total Suspended Solids	mg/L	6	1	8117138				17	2	8117138
Dissolved Thiocyanate	mg/L	<0.20	0.20	8204033				<4.0	4.0	8204033
Turbidity	NTU	0.7	0.1	8116295				3.7	0.1	8116295
Alkalinity (Total as CaCO3)	mg/L	30	1.0	8116305				73	1.0	8116305
Dissolved Chloride (Cl-)	mg/L	1.3	1.0	8116301				100	1.0	8116301
Nitrite (N)	mg/L	<0.010	0.010	8116307				0.641	0.010	8116307
Nitrate (N)	mg/L	0.65	0.10	8116307				1.08	0.10	8116307
Dissolved Sulphate (SO4)	mg/L	13	0.50	8162119				870	13	8162119
Nitrate + Nitrite (N)	mg/L	0.65	0.10	8116307				1.72	0.10	8116307
Bromide (Br-)	mg/L	<1.0	1.0	8116309				<1.0	1.0	8116309
Un-ionized Ammonia (as N)	mg/L	<0.0005	0.0005	8114690				1.2	0.0047	8114690
Metals										
Dissolved Aluminum (Al)	ug/L	16.3	0.50	8149784	16.7	0.50	8149784	10.5	0.50	8149784
Total Aluminum (Al)	ug/L	114	0.50	8134214				60.7	0.50	8149786
Dissolved Antimony (Sb)	ug/L	0.142	0.020	8149784	0.142	0.020	8149784	1.98	0.020	8149784
Total Antimony (Sb)	ug/L	0.105	0.020	8134214				1.90	0.020	8149786
Dissolved Arsenic (As)	ug/L	2.03	0.020	8149784	2.00	0.020	8149784	17.9	0.020	8149784
Total Arsenic (As)	ug/L	2.10	0.020	8134214				51.1	0.020	8149786
Dissolved Barium (Ba)	ug/L	7.99	0.020	8149784	8.11	0.020	8149784	21.2	0.020	8149784
Total Barium (Ba)	ug/L	8.60	0.020	8134214				24.8	0.020	8149786
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8149784	<0.010	0.010	8149784	<0.010	0.010	8149784
Total Beryllium (Be)	ug/L	<0.010	0.010	8134214				<0.010	0.010	8149786
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8149784	<0.0050	0.0050	8149784	<0.0050	0.0050	8149784
Total Bismuth (Bi)	ug/L	0.0076	0.0050	8134214				0.0089	0.0050	8149786
Dissolved Boron (B)	ug/L	10	10	8149784	<10	10	8149784	91	10	8149784
Total Boron (B)	ug/L	<10	10	8134214				91	10	8149786
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8149784	<0.0050	0.0050	8149784	0.0212	0.0050	8149784
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP542			TEP542			TEP543		
Sampling Date		2022/07/10 16:05			2022/07/10 16:05			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-S-1	RDL	QC Batch	ST-S-1 Lab-Dup	RDL	QC Batch	ST-17	RDL	QC Batch
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8134214				0.0262	0.0050	8149786
Dissolved Chromium (Cr)	ug/L	0.13	0.10	8149784	0.12	0.10	8149784	<0.10	0.10	8149784
Total Chromium (Cr)	ug/L	0.55	0.10	8134214				0.68	0.10	8149786
Dissolved Copper (Cu)	ug/L	25.9	0.050	8149784	26.1	0.050	8149784	107	0.050	8149784
Total Copper (Cu)	ug/L	2.60	0.050	8134214				568	0.050	8149786
Dissolved Iron (Fe)	ug/L	11.2	1.0	8149784	11.4	1.0	8149784	18.0	1.0	8149784
Total Iron (Fe)	ug/L	186	1.0	8134214				700	1.0	8149786
Dissolved Lead (Pb)	ug/L	0.103	0.0050	8149784	0.102	0.0050	8149784	0.0936	0.0050	8149784
Total Lead (Pb)	ug/L	0.218	0.0050	8134214				0.639	0.0050	8149786
Dissolved Lithium (Li)	ug/L	0.63	0.50	8149784	0.58	0.50	8149784	3.80	0.50	8149784
Total Lithium (Li)	ug/L	0.69	0.50	8134214				3.71	0.50	8149786
Dissolved Manganese (Mn)	ug/L	1.80	0.050	8149784	1.75	0.050	8149784	183	0.050	8149784
Total Manganese (Mn)	ug/L	4.33	0.050	8134214				492	0.050	8149786
Dissolved Molybdenum (Mo)	ug/L	0.926	0.050	8149784	0.887	0.050	8149784	51.9	0.050	8149784
Total Molybdenum (Mo)	ug/L	0.614	0.050	8134214				59.0	0.050	8149786
Dissolved Nickel (Ni)	ug/L	3.72	0.020	8149784	3.68	0.020	8149784	80.8	0.020	8149784
Total Nickel (Ni)	ug/L	1.27	0.020	8134214				127	0.020	8149786
Dissolved Selenium (Se)	ug/L	0.622	0.040	8149784	0.607	0.040	8149784	18.1	0.040	8149784
Total Selenium (Se)	ug/L	<0.040	0.040	8134214				19.5	0.040	8149786
Total Silver (Ag)	ug/L	<0.0050	0.0050	8134214				0.125	0.0050	8149786
Dissolved Strontium (Sr)	ug/L	65.7	0.050	8149784	66.3	0.050	8149784	620	0.050	8149784
Total Strontium (Sr)	ug/L	56.0	0.050	8134214				675	0.050	8149786
Dissolved Thallium (Tl)	ug/L	0.0024	0.0020	8149784	0.0022	0.0020	8149784	0.0136	0.0020	8149784
Total Thallium (Tl)	ug/L	0.0041	0.0020	8134214				0.0141	0.0020	8149786
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8149784	<0.20	0.20	8149784	<0.20	0.20	8149784
Total Tin (Sn)	ug/L	<0.20	0.20	8134214				<0.20	0.20	8149786
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8149784	<0.50	0.50	8149784	<0.50	0.50	8149784
Total Titanium (Ti)	ug/L	5.75	0.50	8134214				0.84	0.50	8149786
Dissolved Uranium (U)	ug/L	0.819	0.0020	8149784	0.806	0.0020	8149784	11.1	0.0020	8149784
Total Uranium (U)	ug/L	0.866	0.0020	8134214				10.9	0.0020	8149786
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8149784	<0.20	0.20	8149784	<0.20	0.20	8149784
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP542			TEP542			TEP543		
Sampling Date		2022/07/10 16:05			2022/07/10 16:05			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-S-1	RDL	QC Batch	ST-S-1 Lab-Dup	RDL	QC Batch	ST-17	RDL	QC Batch
Total Vanadium (V)	ug/L	0.32	0.20	8134214				0.23	0.20	8149786
Dissolved Zinc (Zn)	ug/L	9.85	0.10	8149784	9.80	0.10	8149784	1.98	0.10	8149784
Total Zinc (Zn)	ug/L	4.41	0.10	8134214				1.66	0.10	8149786
Dissolved Calcium (Ca)	mg/L	12.7	0.050	8136749				139	0.050	8136749
Total Calcium (Ca)	mg/L	11.5	0.050	8149785				152	0.050	8149785
Dissolved Magnesium (Mg)	mg/L	2.05	0.050	8136749				19.6	0.050	8136749
Total Magnesium (Mg)	mg/L	2.21	0.050	8149785				20.3	0.050	8149785
Dissolved Potassium (K)	mg/L	1.56	0.050	8136749				40.6	0.050	8136749
Total Potassium (K)	mg/L	1.06	0.050	8149785				46.3	0.050	8149785
Dissolved Sodium (Na)	mg/L	2.59	0.050	8136749				144	0.050	8136749
Total Sodium (Na)	mg/L	1.10	0.050	8149785				172	0.050	8149785

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP544			TEP544			TEP545		
Sampling Date		2022/07/10 15:20			2022/07/10 15:20			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-19	RDL	QC Batch	ST-19 Lab-Dup	RDL	QC Batch	ST-21-S	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH3)	mg/L	55	0.30	8114691				9.3	0.061	8114691
Ammonium (NH4)	mg/L	57	0.007	8114692				9.7	0.0015	8114692
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	97	1.0	8114687				75	1.0	8114687
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8114687				<1.0	1.0	8114687
Total Cyanate (CNO-)	mg/L	18	0.25	8201667				<0.050	0.050	8201667
Total dissolved solids (calc., EC)	mg/L	3460	10	8114688				836	10	8114688
Sodium Adsorption Ratio	N/A	5.4		8114694				1.5		8114694

CONVENTIONALS										
Redox Potential	mV	200	N/A	8139186				370	N/A	8139186

Field Measurements										
Field Temperature	Celsius	16.4	N/A	ONSITE				20.5	N/A	ONSITE
Field Measured pH	pH	7.89		ONSITE				7.80		ONSITE

Inorganics										
Total Ammonia-N	mg/L	46	0.25	8120324				7.7	0.050	8120324
Conductivity	umho/cm	4100	1.0	8118834	4100	1.0	8118834	1200	1.0	8116312
Free Cyanide (CN)	ug/L	3.5 (1)	2.0	8134786				5.1	2.0	8166821
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.0443	0.00050	8134948				0.00709	0.00050	8134948
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0041 (2)	0.0025	8134949				0.0037	0.00050	8134949
Total Dissolved Solids	mg/L	3280	10	8117200				785	10	8117200
Fluoride (F-)	mg/L	0.17	0.10	8118805	0.16	0.10	8118805	0.18	0.10	8116318
Total Kjeldahl Nitrogen (TKN)	mg/L	89	2.5	8120017				11	1.0	8120017
Dissolved Organic Carbon	mg/L	47	0.40	8117143				4.2	0.40	8117143
Total Organic Carbon (TOC)	mg/L	44	0.40	8120005				4.1	0.40	8120005
Orthophosphate (P)	mg/L	0.023	0.010	8116310				<0.010	0.010	8116310
pH	pH	7.75		8118816	7.79		8118816	7.85		8116316

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.
 Sample was analyzed after holding time expired.
 (2) Detection limits raised due to matrix interference.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP544			TEP544			TEP545		
Sampling Date		2022/07/10 15:20			2022/07/10 15:20			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-19	RDL	QC Batch	ST-19 Lab-Dup	RDL	QC Batch	ST-21-S	RDL	QC Batch
Total Phosphorus (P)	mg/L	0.041	0.0010	8136969				<0.0050	0.0050	8162121
Reactive Silica (SiO2)	mg/L	5.8	0.050	8140140				5.0	0.050	8140140
Total Suspended Solids	mg/L	77	1	8117138	79	1	8117138	2	1	8117138
Dissolved Thiocyanate	mg/L	<4.0	4.0	8204033				<4.0	4.0	8204033
Turbidity	NTU	18	0.1	8116295				1.1	0.1	8116295
Alkalinity (Total as CaCO3)	mg/L	98	1.0	8118809	100	1.0	8118809	75	1.0	8116305
Dissolved Chloride (Cl-)	mg/L	380	3.0	8116301				22	1.0	8116301
Nitrite (N)	mg/L	0.304	0.010	8117005				0.442	0.010	8117005
Nitrate (N)	mg/L	11.7	0.10	8117005				1.46	0.10	8117005
Dissolved Sulphate (SO4)	mg/L	1600	13	8162119				470	2.5	8162119
Nitrate + Nitrite (N)	mg/L	12.0	0.10	8117005				1.90	0.10	8117005
Bromide (Br-)	mg/L	1.5	1.0	8116309				<1.0	1.0	8116309
Un-ionized Ammonia (as N)	mg/L	1.0	0.0058	8114690				0.19	0.0013	8114690
Metals										
Dissolved Aluminum (Al)	ug/L	14.2	2.5	8149784				16.6	0.50	8149784
Total Aluminum (Al)	ug/L	942	1.0	8149786				60.6	0.50	8134214
Dissolved Antimony (Sb)	ug/L	13.6	0.10	8149784				2.34	0.020	8149784
Total Antimony (Sb)	ug/L	12.0	0.040	8149786				2.35	0.020	8134214
Dissolved Arsenic (As)	ug/L	84.3	0.10	8149784				26.0	0.020	8149784
Total Arsenic (As)	ug/L	95.3	0.040	8149786				31.2	0.020	8134214
Dissolved Barium (Ba)	ug/L	103	0.10	8149784				35.9	0.020	8149784
Total Barium (Ba)	ug/L	112	0.040	8149786				35.4	0.020	8134214
Dissolved Beryllium (Be)	ug/L	<0.050	0.050	8149784				<0.010	0.010	8149784
Total Beryllium (Be)	ug/L	0.030	0.020	8149786				<0.010	0.010	8134214
Dissolved Bismuth (Bi)	ug/L	<0.025	0.025	8149784				<0.0050	0.0050	8149784
Total Bismuth (Bi)	ug/L	0.036	0.010	8149786				<0.0050	0.0050	8134214
Dissolved Boron (B)	ug/L	231	50	8149784				66	10	8149784
Total Boron (B)	ug/L	237	20	8149786				58	10	8134214
Dissolved Cadmium (Cd)	ug/L	0.182	0.025	8149784				0.0854	0.0050	8149784
Total Cadmium (Cd)	ug/L	0.210	0.010	8149786				0.0834	0.0050	8134214
Dissolved Chromium (Cr)	ug/L	<0.50	0.50	8149784				0.13	0.10	8149784
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP544			TEP544			TEP545		
Sampling Date		2022/07/10 15:20			2022/07/10 15:20			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-19	RDL	QC Batch	ST-19 Lab-Dup	RDL	QC Batch	ST-21-S	RDL	QC Batch
Total Chromium (Cr)	ug/L	18.5	0.20	8149786				0.82	0.10	8134214
Dissolved Copper (Cu)	ug/L	5190	0.25	8149784				16.7	0.050	8149784
Total Copper (Cu)	ug/L	5560	0.10	8149786				26.9	0.050	8134214
Dissolved Iron (Fe)	ug/L	14.1	5.0	8149784				15.5	1.0	8149784
Total Iron (Fe)	ug/L	2110	2.0	8149786				156	1.0	8134214
Dissolved Lead (Pb)	ug/L	0.367	0.025	8149784				0.151	0.0050	8149784
Total Lead (Pb)	ug/L	5.28	0.010	8149786				0.949	0.0050	8134214
Dissolved Lithium (Li)	ug/L	3.7	2.5	8149784				3.55	0.50	8149784
Total Lithium (Li)	ug/L	3.9	1.0	8149786				3.41	0.50	8134214
Dissolved Manganese (Mn)	ug/L	76.8	0.25	8149784				563	0.050	8149784
Total Manganese (Mn)	ug/L	104	0.10	8149786				606	0.050	8134214
Dissolved Molybdenum (Mo)	ug/L	88.9	0.25	8149784				26.0	0.050	8149784
Total Molybdenum (Mo)	ug/L	94.5	0.10	8149786				26.3	0.050	8134214
Dissolved Nickel (Ni)	ug/L	580	0.10	8149784				151	0.020	8149784
Total Nickel (Ni)	ug/L	674	0.040	8149786				148	0.020	8134214
Dissolved Selenium (Se)	ug/L	141	0.20	8149784				8.80	0.040	8149784
Total Selenium (Se)	ug/L	153	0.080	8149786				8.89	0.040	8134214
Total Silver (Ag)	ug/L	0.855	0.010	8149786				0.0216	0.0050	8134214
Dissolved Strontium (Sr)	ug/L	1840	0.25	8149784				418	0.050	8149784
Total Strontium (Sr)	ug/L	1950	0.10	8149786				419	0.050	8134214
Dissolved Thallium (Tl)	ug/L	0.034	0.010	8149784				0.0203	0.0020	8149784
Total Thallium (Tl)	ug/L	0.0471	0.0040	8149786				0.0216	0.0020	8134214
Dissolved Tin (Sn)	ug/L	<1.0	1.0	8149784				<0.20	0.20	8149784
Total Tin (Sn)	ug/L	<0.40	0.40	8149786				<0.20	0.20	8134214
Dissolved Titanium (Ti)	ug/L	<2.5	2.5	8149784				<0.50	0.50	8149784
Total Titanium (Ti)	ug/L	18.4	1.0	8149786				1.38	0.50	8134214
Dissolved Uranium (U)	ug/L	22.0	0.010	8149784				6.01	0.0020	8149784
Total Uranium (U)	ug/L	21.7	0.0040	8149786				6.09	0.0020	8134214
Dissolved Vanadium (V)	ug/L	<1.0	1.0	8149784				<0.20	0.20	8149784
Total Vanadium (V)	ug/L	2.16	0.40	8149786				<0.20	0.20	8134214
Dissolved Zinc (Zn)	ug/L	6.31	0.50	8149787				2.89	0.10	8149787
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP544			TEP544			TEP545		
Sampling Date		2022/07/10 15:20			2022/07/10 15:20			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	ST-19	RDL	QC Batch	ST-19 Lab-Dup	RDL	QC Batch	ST-21-S	RDL	QC Batch
Total Zinc (Zn)	ug/L	3.70	0.20	8149786				1.51	0.10	8134214
Dissolved Calcium (Ca)	mg/L	408	0.25	8136749				117	0.050	8136749
Total Calcium (Ca)	mg/L	446	0.10	8149785				118	0.050	8149785
Dissolved Magnesium (Mg)	mg/L	24.5	0.25	8136749				17.3	0.050	8136749
Total Magnesium (Mg)	mg/L	27.0	0.10	8149785				18.5	0.050	8149785
Dissolved Potassium (K)	mg/L	148	0.25	8136749				27.1	0.050	8136749
Total Potassium (K)	mg/L	160	0.10	8149785				27.8	0.050	8149785
Dissolved Sodium (Na)	mg/L	361	0.25	8136749				60.3	0.050	8136749
Total Sodium (Na)	mg/L	404	0.10	8149785				63.4	0.050	8149785
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP546			TEP546			TEP547		
Sampling Date		2022/07/10 14:45			2022/07/10 14:45			2022/07/10 16:25		
COC Number		541039			541039			541039		
	UNITS	ST-21-N	RDL	QC Batch	ST-21-N Lab-Dup	RDL	QC Batch	SWMP	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH ₃)	mg/L	4.3	0.061	8114691				0.55	0.061	8114691
Ammonium (NH ₄)	mg/L	4.4	0.0013	8114692				<0.05	0.05	8114692
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	62	1.0	8114687				73	1.0	8114687
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	8114687				26	1.0	8114687
Total Cyanate (CNO ⁻)	mg/L	<0.050	0.050	8201667						
Total dissolved solids (calc., EC)	mg/L	989	10	8114688				342	10	8114688
Sodium Adsorption Ratio	N/A	2.0		8114694				0.99		8114694

CONVENTIONALS										
Redox Potential	mV	360	N/A	8139186				180	N/A	8139186

Field Measurements										
Field Temperature	Celsius	19.6	N/A	ONSITE				22.4	N/A	ONSITE
Field Measured pH	pH	7.74		ONSITE				10.41		ONSITE

Inorganics										
Total Ammonia-N	mg/L	3.5	0.050	8120324				0.45	0.050	8120324
Conductivity	umho/cm	1400	1.0	8116312				530	1.0	8116312
Free Cyanide (CN)	ug/L	8.2 (1)	2.0	8134786				2.5	2.0	8166821
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00846	0.00050	8134948				0.00252	0.00050	8134948
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0056	0.00050	8134949				0.0022	0.00050	8134949
Total Dissolved Solids	mg/L	965	10	8117200				380	10	8117200
Fluoride (F ⁻)	mg/L	0.17	0.10	8116318				0.22	0.10	8116318
Total Kjeldahl Nitrogen (TKN)	mg/L	15	1.0	8120017				2.9	0.10	8120017
Dissolved Organic Carbon	mg/L	12	0.40	8117143				31	0.40	8117143
Total Organic Carbon (TOC)	mg/L	12	0.40	8120005				40	0.40	8120005
Orthophosphate (P)	mg/L	<0.010	0.010	8116310				0.19	0.010	8116310
pH	pH	7.85		8116316				9.57		8116316
Total Phosphorus (P)	mg/L	<0.0050	0.0050	8162121				0.86	0.0050	8136969

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.

Sample was analyzed after holding time expired.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP546			TEP546			TEP547		
Sampling Date		2022/07/10 14:45			2022/07/10 14:45			2022/07/10 16:25		
COC Number		541039			541039			541039		
	UNITS	ST-21-N	RDL	QC Batch	ST-21-N Lab-Dup	RDL	QC Batch	SWMP	RDL	QC Batch
Reactive Silica (SiO ₂)	mg/L	4.7	0.050	8140140	4.7	0.050	8140140	2.8	0.050	8162120
Total Suspended Solids	mg/L	1	1	8117138				36	3	8117138
Dissolved Thiocyanate	mg/L	<4.0	4.0	8204033						
Turbidity	NTU	1.1	0.1	8116295				20	0.1	8116295
Alkalinity (Total as CaCO ₃)	mg/L	63	1.0	8116305				100	1.0	8116305
Dissolved Chloride (Cl ⁻)	mg/L	59	1.0	8116301				67	1.0	8116301
Nitrite (N)	mg/L	0.204	0.010	8116307				0.076	0.010	8116307
Nitrate (N)	mg/L	1.70	0.10	8116307				0.53	0.10	8116307
Dissolved Sulphate (SO ₄)	mg/L	540	2.5	8134947	510	2.5	8134947	69	0.50	8162119
Nitrate + Nitrite (N)	mg/L	1.91	0.10	8116307				0.61	0.10	8116307
Bromide (Br ⁻)	mg/L	<1.0	1.0	8116309				<2.0 (1)	2.0	8116309
Un-ionized Ammonia (as N)	mg/L	0.073	0.001	8114690				0.42	0.046	8114690
Metals										
Dissolved Aluminum (Al)	ug/L	7.27	0.50	8149784				17.1	0.50	8149784
Total Aluminum (Al)	ug/L	91.1	0.50	8134214				392	0.50	8149786
Dissolved Antimony (Sb)	ug/L	3.16	0.020	8149784				0.638	0.020	8149784
Total Antimony (Sb)	ug/L	2.74	0.020	8134214				0.649	0.020	8149786
Dissolved Arsenic (As)	ug/L	50.4	0.020	8149784				15.9	0.020	8149784
Total Arsenic (As)	ug/L	54.6	0.020	8134214				34.9	0.020	8149786
Dissolved Barium (Ba)	ug/L	31.7	0.020	8149784				10.4	0.020	8149784
Total Barium (Ba)	ug/L	32.4	0.020	8134214				17.3	0.020	8149786
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8149784				<0.010	0.010	8149784
Total Beryllium (Be)	ug/L	<0.010	0.010	8134214				0.014	0.010	8149786
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8149784				<0.0050	0.0050	8149784
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8134214				0.0271	0.0050	8149786
Dissolved Boron (B)	ug/L	64	10	8149784				95	10	8149784
Total Boron (B)	ug/L	60	10	8134214				114	10	8149786
Dissolved Cadmium (Cd)	ug/L	0.117	0.0050	8149784				0.0065	0.0050	8149784
Total Cadmium (Cd)	ug/L	0.112	0.0050	8134214				0.0220	0.0050	8149786
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	8149784				0.23	0.10	8149784
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate (1) Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.										



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP546			TEP546			TEP547		
Sampling Date		2022/07/10 14:45			2022/07/10 14:45			2022/07/10 16:25		
COC Number		541039			541039			541039		
	UNITS	ST-21-N	RDL	QC Batch	ST-21-N Lab-Dup	RDL	QC Batch	SWMP	RDL	QC Batch
Total Chromium (Cr)	ug/L	2.08	0.10	8134214				3.89	0.10	8149786
Dissolved Copper (Cu)	ug/L	6.89	0.050	8149784				8.80	0.050	8149787
Total Copper (Cu)	ug/L	8.66	0.050	8134214				4.31	0.050	8149786
Dissolved Iron (Fe)	ug/L	2.3	1.0	8149784				28.4	1.0	8149784
Total Iron (Fe)	ug/L	250	1.0	8134214				905	1.0	8149786
Dissolved Lead (Pb)	ug/L	0.0940	0.0050	8149784				0.232	0.0050	8149784
Total Lead (Pb)	ug/L	1.44	0.0050	8134214				1.68	0.0050	8149786
Dissolved Lithium (Li)	ug/L	3.38	0.50	8149784				9.89	0.50	8149784
Total Lithium (Li)	ug/L	3.25	0.50	8134214				10.9	0.50	8149786
Dissolved Manganese (Mn)	ug/L	391	0.050	8149784				2.27	0.050	8149784
Total Manganese (Mn)	ug/L	430	0.050	8134214				296	0.050	8149786
Dissolved Molybdenum (Mo)	ug/L	38.8	0.050	8149784				3.15	0.050	8149784
Total Molybdenum (Mo)	ug/L	40.1	0.050	8134214				3.32	0.050	8149786
Dissolved Nickel (Ni)	ug/L	103	0.020	8149784				10.1	0.020	8149784
Total Nickel (Ni)	ug/L	109	0.020	8134214				15.0	0.020	8149786
Dissolved Selenium (Se)	ug/L	13.0	0.040	8149784				0.117	0.040	8149784
Total Selenium (Se)	ug/L	13.5	0.040	8134214				0.110	0.040	8149786
Total Silver (Ag)	ug/L	0.0248	0.0050	8134214				0.0133	0.0050	8149786
Dissolved Strontium (Sr)	ug/L	471	0.050	8149784				339	0.050	8149784
Total Strontium (Sr)	ug/L	478	0.050	8134214				371	0.050	8149786
Dissolved Thallium (Tl)	ug/L	0.0119	0.0020	8149784				0.0042	0.0020	8149784
Total Thallium (Tl)	ug/L	0.0146	0.0020	8134214				0.0076	0.0020	8149786
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8149784				<0.20	0.20	8149784
Total Tin (Sn)	ug/L	<0.20	0.20	8134214				<0.20	0.20	8149786
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8149784				<0.50	0.50	8149784
Total Titanium (Ti)	ug/L	4.00	0.50	8134214				11.7	0.50	8149786
Dissolved Uranium (U)	ug/L	6.19	0.0020	8149784				1.34	0.0020	8149784
Total Uranium (U)	ug/L	6.38	0.0020	8134214				2.04	0.0020	8149786
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8149784				0.34	0.20	8149784
Total Vanadium (V)	ug/L	0.28	0.20	8134214				1.18	0.20	8149786
Dissolved Zinc (Zn)	ug/L	1.77	0.10	8149787				2.56	0.10	8149784

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



**BUREAU
VERITAS**

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP546			TEP546			TEP547		
Sampling Date		2022/07/10 14:45			2022/07/10 14:45			2022/07/10 16:25		
COC Number		541039			541039			541039		
	UNITS	ST-21-N	RDL	QC Batch	ST-21-N Lab-Dup	RDL	QC Batch	SWMP	RDL	QC Batch
Total Zinc (Zn)	ug/L	0.91	0.10	8134214				4.63	0.10	8149786
Dissolved Calcium (Ca)	mg/L	135	0.050	8136749				45.3	0.050	8136749
Total Calcium (Ca)	mg/L	139	0.050	8149785				50.1	0.050	8149785
Dissolved Magnesium (Mg)	mg/L	18.8	0.050	8136749				9.01	0.050	8136749
Total Magnesium (Mg)	mg/L	20.4	0.050	8149785				14.2	0.050	8149785
Dissolved Potassium (K)	mg/L	34.6	0.050	8136749				15.4	0.050	8136749
Total Potassium (K)	mg/L	36.3	0.050	8149785				17.4	0.050	8149785
Dissolved Sodium (Na)	mg/L	82.7	0.050	8136749				24.9	0.050	8136749
Total Sodium (Na)	mg/L	90.0	0.050	8149785				27.9	0.050	8149785
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP547			TEP548			TEP548	
Sampling Date		2022/07/10 16:25			2022/07/10 14:30			2022/07/10 14:30	
COC Number		541039			541039			541039	
	UNITS	SWMP Lab-Dup	RDL	QC Batch	ST-S-5	RDL	QC Batch	ST-S-5 Lab-Dup	QC Batch

Calculated Parameters									
Total Ammonia (as NH3)	mg/L				24	0.061	8114691		
Ammonium (NH4)	mg/L				25	0.05	8114692		
Bicarb. Alkalinity (calc. as CaCO3)	mg/L				100	1.0	8114687		
Carb. Alkalinity (calc. as CaCO3)	mg/L				<1.0	1.0	8114687		
Total dissolved solids (calc., EC)	mg/L				1770	10	8114688		
Sodium Adsorption Ratio	N/A				4.3		8114694		

CONVENTIONALS									
Redox Potential	mV				400	N/A	8139186	400	8139186

Field Measurements									
Field Temperature	Celsius				9.00	N/A	ONSITE		
Field Measured pH	pH				8.25		ONSITE		

Inorganics									
Total Ammonia-N	mg/L				20	0.050	8120324		
Conductivity	umho/cm				2300	1.0	8116312		
Free Cyanide (CN)	ug/L				15 (1)	2.0	8134786		
Strong Acid Dissoc. Cyanide (CN)	mg/L				0.0185	0.00050	8134948		
Weak Acid Dissoc. Cyanide (CN)	mg/L				0.011	0.00050	8134949		
Total Dissolved Solids	mg/L				1590	10	8117200		
Fluoride (F-)	mg/L				0.38	0.10	8116318		
Total Kjeldahl Nitrogen (TKN)	mg/L				37	2.0	8120017		
Dissolved Organic Carbon	mg/L				9.8	0.40	8117143		
Total Organic Carbon (TOC)	mg/L				11	0.40	8120005		
Orthophosphate (P)	mg/L				<0.010	0.010	8116310		
pH	pH				7.76		8116316		
Total Phosphorus (P)	mg/L				0.029	0.0010	8136969		
Reactive Silica (SiO2)	mg/L				6.5	0.050	8162120		

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.
 Sample was analyzed after holding time expired.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP547			TEP548			TEP548	
Sampling Date		2022/07/10 16:25			2022/07/10 14:30			2022/07/10 14:30	
COC Number		541039			541039			541039	
	UNITS	SWMP Lab-Dup	RDL	QC Batch	ST-S-5	RDL	QC Batch	ST-S-5 Lab-Dup	QC Batch
Total Suspended Solids	mg/L				10	1	8117138		
Turbidity	NTU	21	0.1	8116295	11	0.1	8116295		
Alkalinity (Total as CaCO3)	mg/L				100	1.0	8116305		
Dissolved Chloride (Cl-)	mg/L				120	1.0	8116301		
Nitrite (N)	mg/L				0.019	0.010	8116307		
Nitrate (N)	mg/L				0.40	0.10	8116307		
Dissolved Sulphate (SO4)	mg/L				1000	13	8162119		
Nitrate + Nitrite (N)	mg/L				0.42	0.10	8116307		
Bromide (Br-)	mg/L				<1.0	1.0	8116309		
Un-ionized Ammonia (as N)	mg/L				0.60	0.0015	8114690		
Metals									
Dissolved Aluminum (Al)	ug/L				8.15	0.50	8149784		
Total Aluminum (Al)	ug/L				24.7	1.0	8134214		
Dissolved Antimony (Sb)	ug/L				0.116	0.020	8149784		
Total Antimony (Sb)	ug/L				0.184	0.040	8134214		
Dissolved Arsenic (As)	ug/L				18.3	0.020	8149784		
Total Arsenic (As)	ug/L				64.7	0.040	8134214		
Dissolved Barium (Ba)	ug/L				15.6	0.020	8149784		
Total Barium (Ba)	ug/L				16.7	0.040	8134214		
Dissolved Beryllium (Be)	ug/L				<0.010	0.010	8149784		
Total Beryllium (Be)	ug/L				<0.020	0.020	8134214		
Dissolved Bismuth (Bi)	ug/L				<0.0050	0.0050	8149784		
Total Bismuth (Bi)	ug/L				<0.010	0.010	8134214		
Dissolved Boron (B)	ug/L				92	10	8149784		
Total Boron (B)	ug/L				96	20	8134214		
Dissolved Cadmium (Cd)	ug/L				0.0068	0.0050	8149784		
Total Cadmium (Cd)	ug/L				<0.010	0.010	8134214		
Dissolved Chromium (Cr)	ug/L				0.10	0.10	8149784		
Total Chromium (Cr)	ug/L				0.23	0.20	8134214		
Dissolved Copper (Cu)	ug/L				1.27	0.050	8149787		
Total Copper (Cu)	ug/L				0.31	0.10	8134214		
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP547			TEP548			TEP548	
Sampling Date		2022/07/10 16:25			2022/07/10 14:30			2022/07/10 14:30	
COC Number		541039			541039			541039	
	UNITS	SWMP Lab-Dup	RDL	QC Batch	ST-S-5	RDL	QC Batch	ST-S-5 Lab-Dup	QC Batch
Dissolved Iron (Fe)	ug/L				16.0	1.0	8149784		
Total Iron (Fe)	ug/L				1230	2.0	8134214		
Dissolved Lead (Pb)	ug/L				0.151	0.0050	8149787		
Total Lead (Pb)	ug/L				0.071	0.010	8134214		
Dissolved Lithium (Li)	ug/L				6.53	0.50	8149784		
Total Lithium (Li)	ug/L				6.6	1.0	8134214		
Dissolved Manganese (Mn)	ug/L				962	0.050	8149784		
Total Manganese (Mn)	ug/L				1060	0.10	8134214		
Dissolved Molybdenum (Mo)	ug/L				82.8	0.050	8149784		
Total Molybdenum (Mo)	ug/L				82.7	0.10	8134214		
Dissolved Nickel (Ni)	ug/L				5.78	0.020	8149784		
Total Nickel (Ni)	ug/L				5.74	0.040	8134214		
Dissolved Selenium (Se)	ug/L				0.559	0.040	8149784		
Total Selenium (Se)	ug/L				0.606	0.080	8134214		
Total Silver (Ag)	ug/L				<0.010	0.010	8134214		
Dissolved Strontium (Sr)	ug/L				781	0.050	8149784		
Total Strontium (Sr)	ug/L				775	0.10	8134214		
Dissolved Thallium (Tl)	ug/L				0.0035	0.0020	8149784		
Total Thallium (Tl)	ug/L				<0.0040	0.0040	8134214		
Dissolved Tin (Sn)	ug/L				<0.20	0.20	8149784		
Total Tin (Sn)	ug/L				<0.40	0.40	8134214		
Dissolved Titanium (Ti)	ug/L				<0.50	0.50	8149784		
Total Titanium (Ti)	ug/L				<1.0	1.0	8134214		
Dissolved Uranium (U)	ug/L				17.0	0.0020	8149784		
Total Uranium (U)	ug/L				16.6	0.0040	8134214		
Dissolved Vanadium (V)	ug/L				<0.20	0.20	8149784		
Total Vanadium (V)	ug/L				<0.40	0.40	8134214		
Dissolved Zinc (Zn)	ug/L				4.57	0.10	8149787		
Total Zinc (Zn)	ug/L				1.65	0.20	8134214		
Dissolved Calcium (Ca)	mg/L				170	0.050	8136749		
Total Calcium (Ca)	mg/L				173	0.10	8149785		
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP547			TEP548			TEP548	
Sampling Date		2022/07/10 16:25			2022/07/10 14:30			2022/07/10 14:30	
COC Number		541039			541039			541039	
	UNITS	SWMP Lab-Dup	RDL	QC Batch	ST-S-5	RDL	QC Batch	ST-S-5 Lab-Dup	QC Batch
Dissolved Magnesium (Mg)	mg/L				30.7	0.050	8136749		
Total Magnesium (Mg)	mg/L				33.1	0.10	8149785		
Dissolved Potassium (K)	mg/L				39.4	0.050	8136749		
Total Potassium (K)	mg/L				41.1	0.10	8149785		
Dissolved Sodium (Na)	mg/L				209	0.050	8136749		
Total Sodium (Na)	mg/L				228	0.10	8149785		
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



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Bureau Veritas Job #: C2J9092
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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP549			TEP549		
Sampling Date		2022/07/10 15:20			2022/07/10 15:20		
COC Number		541039			541039		
	UNITS	ST-31	RDL	QC Batch	ST-31 Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8114691			
Field Measurements							
Field Temperature	Celsius	20.7	N/A	ONSITE			
Field Measured pH	pH	8.00		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	8120324			
Free Cyanide (CN)	ug/L	<2.0	2.0	8166821			
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00067	0.00050	8134948			
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.00077	0.00050	8134949			
Total Dissolved Solids	mg/L	130	10	8117200			
Fluoride (F-)	mg/L	0.19	0.10	8118805			
Total Suspended Solids	mg/L	1	1	8117138			
Turbidity	NTU	0.4	0.1	8116295			
Alkalinity (Total as CaCO3)	mg/L	92	1.0	8118809			
Dissolved Chloride (Cl-)	mg/L	2.1	1.0	8114874			
Nitrite (N)	mg/L	<0.010	0.010	8117005	<0.010	0.010	8117005
Nitrate (N)	mg/L	<0.10	0.10	8117005	<0.10	0.10	8117005
Dissolved Sulphate (SO4)	mg/L	21	0.50	8162119			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8117005	<0.10	0.10	8117005
Metals							
Total Aluminum (Al)	mg/L	0.0366	0.0030	8132393			
Total Arsenic (As)	mg/L	0.00675	0.00010	8132393			
Total Barium (Ba)	mg/L	0.0092	0.0010	8132393			
Total Cadmium (Cd)	mg/L	<0.000010	0.000010	8132393			
Total Chromium (Cr)	mg/L	<0.0010	0.0010	8132393			
Total Copper (Cu)	mg/L	0.00202	0.00050	8132393			
Total Iron (Fe)	mg/L	0.077	0.010	8132393			
Total Lead (Pb)	mg/L	<0.00020	0.00020	8132393			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP549			TEP549		
Sampling Date		2022/07/10 15:20			2022/07/10 15:20		
COC Number		541039			541039		
	UNITS	ST-31	RDL	QC Batch	ST-31 Lab-Dup	RDL	QC Batch
Total Manganese (Mn)	mg/L	0.0056	0.0010	8132393			
Total Molybdenum (Mo)	mg/L	0.0048	0.0010	8132393			
Total Nickel (Ni)	mg/L	0.0024	0.0010	8132393			
Total Selenium (Se)	mg/L	<0.00010	0.00010	8132393			
Total Silver (Ag)	mg/L	<0.000020	0.000020	8132393			
Total Thallium (Tl)	mg/L	<0.000010	0.000010	8132393			
Total Zinc (Zn)	mg/L	<0.0050	0.0050	8132393			
Total Calcium (Ca)	mg/L	25.1	0.050	8327362			
Total Magnesium (Mg)	mg/L	9.49	0.050	8327362			
Total Potassium (K)	mg/L	5.30	0.050	8327362			
Total Sodium (Na)	mg/L	3.85	0.050	8327362			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP550			TEP550		
Sampling Date		2022/07/10 15:50			2022/07/10 15:50		
COC Number		541039			541039		
	UNITS	TPL-Assay	RDL	QC Batch	TPL-Assay Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8114691			
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	27	1.0	8114687			
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8114687			
Dissolved Hardness (CaCO3)	mg/L	38.1	0.50	8125552			
Field Measurements							
Field Temperature	Celsius	19.4	N/A	ONSITE			
Field Measured pH	pH	7.50		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	8120324			
Colour	TCU	3	2	8115664			
Conductivity	mS/cm	0.100	0.001	8118773			
Free Cyanide (CN)	ug/L	<2.0	2.0	8166821			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8134948			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8134949			
Total Dissolved Solids	mg/L	65	10	8117200	60	10	8117200
Fluoride (F-)	mg/L	<0.10	0.10	8118764			
Total Kjeldahl Nitrogen (TKN)	mg/L	0.13	0.10	8120017			
Dissolved Organic Carbon	mg/L	2.1	0.40	8117143			
Total Organic Carbon (TOC)	mg/L	2.0	0.40	8120005			
Orthophosphate (P)	mg/L	<0.010	0.010	8116310			
Dissolved Oxygen	mg/L	9.14		8118314	9.13		8118314
pH	pH	7.83		8118778			
Total Phosphorus (P)	mg/L	<0.0050	0.0050	8162121	<0.0050	0.0050	8162121
Reactive Silica (SiO2)	mg/L	0.33	0.050	8140140			
Total Suspended Solids	mg/L	<1	1	8117138			
Dissolved Thiocyanate	mg/L	<0.20	0.20	8162122	<0.20	0.20	8162122
Dissolved Thiosulphate	mg/L	<0.20	0.20	8162122	<0.20	0.20	8162122
Turbidity	NTU	0.6	0.1	8115233			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable							



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VERITAS

Bureau Veritas Job #: C2J9092
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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP550			TEP550		
Sampling Date		2022/07/10 15:50			2022/07/10 15:50		
COC Number		541039			541039		
	UNITS	TPL-Assay	RDL	QC Batch	TPL-Assay Lab-Dup	RDL	QC Batch
Alkalinity (Total as CaCO3)	mg/L	27	1.0	8118787			
Dissolved Chloride (Cl-)	mg/L	5.1	1.0	8116301			
Nitrite (N)	mg/L	<0.010	0.010	8116307			
Nitrate (N)	mg/L	1.05	0.10	8116307			
Dissolved Sulphate (SO4)	mg/L	15	0.50	8162119			
Nitrate + Nitrite (N)	mg/L	1.05	0.10	8116307			
Bromide (Br-)	mg/L	<1.0	1.0	8116309			
Metals							
Dissolved Aluminum (Al)	mg/L	0.0062	0.0030	8125554			
Total Aluminum (Al)	mg/L	0.0141	0.0030	8132393			
Dissolved Antimony (Sb)	mg/L	<0.00050	0.00050	8125554			
Total Antimony (Sb)	mg/L	<0.00050	0.00050	8132393			
Dissolved Arsenic (As)	mg/L	0.00120	0.00010	8125554			
Total Arsenic (As)	mg/L	0.00135	0.00010	8132393			
Dissolved Barium (Ba)	mg/L	0.0056	0.0010	8125554			
Total Barium (Ba)	mg/L	0.0057	0.0010	8132393			
Dissolved Beryllium (Be)	mg/L	<0.00010	0.00010	8125554			
Total Beryllium (Be)	mg/L	<0.00010	0.00010	8132393			
Dissolved Bismuth (Bi)	mg/L	<0.0010	0.0010	8125554			
Dissolved Boron (B)	mg/L	<0.050	0.050	8125554			
Total Boron (B)	mg/L	<0.050	0.050	8132393			
Dissolved Cadmium (Cd)	mg/L	<0.000010	0.000010	8125554			
Total Cadmium (Cd)	mg/L	<0.000010	0.000010	8132393			
Dissolved Chromium (Cr)	mg/L	<0.0010	0.0010	8125554			
Total Chromium (Cr)	mg/L	<0.0010	0.0010	8132393			
Dissolved Cobalt (Co)	mg/L	<0.00020	0.00020	8125554			
Total Cobalt (Co)	mg/L	<0.00020	0.00020	8132393			
Dissolved Copper (Cu)	mg/L	0.00082	0.00020	8125554			
Total Copper (Cu)	mg/L	0.00090	0.00050	8132393			
Dissolved Iron (Fe)	mg/L	0.0261	0.0050	8125554			
Total Iron (Fe)	mg/L	0.098	0.010	8132393			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



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Bureau Veritas Job #: C2J9092
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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP550			TEP550		
Sampling Date		2022/07/10 15:50			2022/07/10 15:50		
COC Number		541039			541039		
	UNITS	TPL-Assay	RDL	QC Batch	TPL-Assay Lab-Dup	RDL	QC Batch
Dissolved Lead (Pb)	mg/L	<0.00020	0.00020	8125554			
Total Lead (Pb)	mg/L	<0.00020	0.00020	8132393			
Dissolved Lithium (Li)	mg/L	<0.0020	0.0020	8125554			
Total Lithium (Li)	mg/L	<0.0020	0.0020	8132393			
Dissolved Manganese (Mn)	mg/L	0.0056	0.0010	8125554			
Total Manganese (Mn)	mg/L	0.0075	0.0010	8132393			
Dissolved Molybdenum (Mo)	mg/L	<0.0010	0.0010	8125554			
Total Molybdenum (Mo)	mg/L	<0.0010	0.0010	8132393			
Dissolved Nickel (Ni)	mg/L	<0.0010	0.0010	8125554			
Total Nickel (Ni)	mg/L	<0.0010	0.0010	8132393			
Dissolved Selenium (Se)	mg/L	<0.00010	0.00010	8125554			
Total Selenium (Se)	mg/L	<0.00010	0.00010	8132393			
Dissolved Silver (Ag)	mg/L	<0.000020	0.000020	8125554			
Total Silver (Ag)	mg/L	<0.000020	0.000020	8132393			
Dissolved Strontium (Sr)	mg/L	0.0576	0.0010	8125554			
Total Strontium (Sr)	mg/L	0.0616	0.0010	8132393			
Dissolved Tellurium (Te)	mg/L	<0.0010	0.0010	8125554			
Total Tellurium (Te)	mg/L	<0.0010	0.0010	8132393			
Dissolved Thallium (Tl)	mg/L	<0.000010	0.000010	8125554			
Total Thallium (Tl)	mg/L	<0.000010	0.000010	8132393			
Dissolved Tin (Sn)	mg/L	<0.0050	0.0050	8125554			
Total Tin (Sn)	mg/L	<0.0050	0.0050	8132393			
Dissolved Titanium (Ti)	mg/L	<0.0050	0.0050	8125554			
Total Titanium (Ti)	mg/L	<0.0050	0.0050	8132393			
Dissolved Uranium (U)	mg/L	0.00020	0.00010	8125554			
Total Uranium (U)	mg/L	0.00020	0.00010	8132393			
Dissolved Vanadium (V)	mg/L	<0.0050	0.0050	8125554			
Total Vanadium (V)	mg/L	<0.0050	0.0050	8132393			
Dissolved Zinc (Zn)	mg/L	<0.0050	0.0050	8125554			
Total Zinc (Zn)	mg/L	<0.0050	0.0050	8132393			
Total Calcium (Ca)	mg/L	10.8	0.050	8129881			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP550			TEP550		
Sampling Date		2022/07/10 15:50			2022/07/10 15:50		
COC Number		541039			541039		
	UNITS	TPL-Assay	RDL	QC Batch	TPL-Assay Lab-Dup	RDL	QC Batch
Dissolved Magnesium (Mg)	mg/L	2.73	0.050	8125553			
Total Magnesium (Mg)	mg/L	2.65	0.050	8129881			
Total Potassium (K)	mg/L	1.42	0.050	8129881			
Total Sodium (Na)	mg/L	1.68	0.050	8129881			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP551		
Sampling Date		2022/07/10 15:00		
COC Number		541039		
	UNITS	ST-17 FB	RDL	QC Batch
Calculated Parameters				
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8114691
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8114687
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8114687
Total dissolved solids (calc., EC)	mg/L	<10	10	8114688
Sodium Adsorption Ratio	N/A	NC (1)		8114694
CONVENTIONALS				
Redox Potential	mV	500	N/A	8139186
Inorganics				
Total Ammonia-N	mg/L	<0.050	0.050	8120324
Conductivity	umho/cm	<1.0	1.0	8116312
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	8134786
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8134948
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8134949
Total Dissolved Solids	mg/L	<10	10	8117200
Fluoride (F-)	mg/L	<0.10	0.10	8116318
Total Kjeldahl Nitrogen (TKN)	mg/L	0.10	0.10	8120017
Dissolved Organic Carbon	mg/L	1.5	0.40	8117143
Total Organic Carbon (TOC)	mg/L	<0.40	0.40	8120005
Orthophosphate (P)	mg/L	<0.010	0.010	8116310
pH	pH	5.64		8116316
Total Phosphorus (P)	mg/L	<0.0050	0.0050	8162121
Reactive Silica (SiO2)	mg/L	<0.050	0.050	8140140
Total Suspended Solids	mg/L	3	1	8117138
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio. (2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results. Sample was analyzed after holding time expired.				



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RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP551		
Sampling Date		2022/07/10 15:00		
COC Number		541039		
	UNITS	ST-17 FB	RDL	QC Batch
Turbidity	NTU	<0.1	0.1	8116295
Alkalinity (Total as CaCO3)	mg/L	<1.0	1.0	8116305
Dissolved Chloride (Cl-)	mg/L	<1.0	1.0	8116301
Nitrite (N)	mg/L	<0.010	0.010	8116307
Nitrate (N)	mg/L	0.38	0.10	8116307
Dissolved Sulphate (SO4)	mg/L	<0.50	0.50	8162119
Nitrate + Nitrite (N)	mg/L	0.38	0.10	8116307
Bromide (Br-)	mg/L	<1.0	1.0	8116309
Metals				
Dissolved Aluminum (Al)	ug/L	<0.50	0.50	8149788
Total Aluminum (Al)	ug/L	<0.50	0.50	8134214
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8149788
Total Antimony (Sb)	ug/L	<0.020	0.020	8134214
Dissolved Arsenic (As)	ug/L	<0.020	0.020	8149788
Total Arsenic (As)	ug/L	<0.020	0.020	8134214
Dissolved Barium (Ba)	ug/L	<0.020	0.020	8149788
Total Barium (Ba)	ug/L	<0.020	0.020	8134214
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8149788
Total Beryllium (Be)	ug/L	<0.010	0.010	8134214
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8149788
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8134214
Dissolved Boron (B)	ug/L	<10	10	8149788
Total Boron (B)	ug/L	<10	10	8134214
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8149788
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8134214
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	8149788
Total Chromium (Cr)	ug/L	<0.10	0.10	8134214
Dissolved Copper (Cu)	ug/L	<0.050	0.050	8149788
Total Copper (Cu)	ug/L	<0.050	0.050	8134214
Dissolved Iron (Fe)	ug/L	<1.0	1.0	8149788
Total Iron (Fe)	ug/L	<1.0	1.0	8134214
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	8149788
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



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RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP551		
Sampling Date		2022/07/10 15:00		
COC Number		541039		
	UNITS	ST-17 FB	RDL	QC Batch
Total Lead (Pb)	ug/L	<0.0050	0.0050	8134214
Dissolved Lithium (Li)	ug/L	<0.50	0.50	8149788
Total Lithium (Li)	ug/L	<0.50	0.50	8134214
Dissolved Manganese (Mn)	ug/L	<0.050	0.050	8149788
Total Manganese (Mn)	ug/L	<0.050	0.050	8134214
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.050	8149788
Total Molybdenum (Mo)	ug/L	<0.050	0.050	8134214
Dissolved Nickel (Ni)	ug/L	<0.020	0.020	8149788
Total Nickel (Ni)	ug/L	<0.020	0.020	8134214
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8149788
Total Selenium (Se)	ug/L	<0.040	0.040	8134214
Total Silver (Ag)	ug/L	<0.0050	0.0050	8134214
Dissolved Strontium (Sr)	ug/L	<0.050	0.050	8149788
Total Strontium (Sr)	ug/L	<0.050	0.050	8134214
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8149788
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8134214
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8149788
Total Tin (Sn)	ug/L	<0.20	0.20	8134214
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8149788
Total Titanium (Ti)	ug/L	<0.50	0.50	8134214
Dissolved Uranium (U)	ug/L	<0.0020	0.0020	8149788
Total Uranium (U)	ug/L	<0.0020	0.0020	8134214
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8149788
Total Vanadium (V)	ug/L	<0.20	0.20	8134214
Dissolved Zinc (Zn)	ug/L	<0.10	0.10	8149788
Total Zinc (Zn)	ug/L	<0.10	0.10	8134214
Dissolved Calcium (Ca)	mg/L	<0.050	0.050	8136749
Total Calcium (Ca)	mg/L	<0.050	0.050	8149785
Dissolved Magnesium (Mg)	mg/L	<0.050	0.050	8136749
Total Magnesium (Mg)	mg/L	<0.050	0.050	8149785
Dissolved Potassium (K)	mg/L	<0.050	0.050	8136749
Total Potassium (K)	mg/L	<0.050	0.050	8149785
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



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RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		TEP551		
Sampling Date		2022/07/10 15:00		
COC Number		541039		
	UNITS	ST-17 FB	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	<0.050	0.050	8136749
Total Sodium (Na)	mg/L	<0.050	0.050	8149785
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		TEP542			TEP543			TEP544		
Sampling Date		2022/07/10 16:05			2022/07/10 15:00			2022/07/10 15:20		
COC Number		541039			541039			541039		
	UNITS	ST-S-1	RDL	QC Batch	ST-17	RDL	ST-19	RDL	QC Batch	
Calculated Parameters										
Total Hardness (CaCO3)	mg/L	37.8	0.50	8129880	463	0.50	1220	0.50	8129880	
Metals										
Dissolved Calcium (Ca)	mg/L	12	0.05	8115244	160	0.05	460	0.05	8115244	
Dissolved Magnesium (Mg)	mg/L	2.1	0.05	8115244	20	0.05	25	0.05	8115244	
Mercury (Hg)	mg/L	<0.00001	0.00001	8116968	<0.00010	0.00010	<0.00010	0.00010	8117378	
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8116989	<0.00010	0.00010	<0.00010	0.00010	8117372	
Dissolved Potassium (K)	mg/L	1	1	8115244	49	1	170	1	8115244	
Dissolved Sodium (Na)	mg/L	1.1	0.5	8115244	190	0.5	440	5	8115244	
RDL = Reportable Detection Limit QC Batch = Quality Control Batch										

Bureau Veritas ID		TEP545			TEP545			TEP546		
Sampling Date		2022/07/10 15:00			2022/07/10 15:00			2022/07/10 14:45		
COC Number		541039			541039			541039		
	UNITS	ST-21-S	RDL	QC Batch	ST-21-S Lab-Dup	RDL	QC Batch	ST-21-N	RDL	QC Batch
Calculated Parameters										
Total Hardness (CaCO3)	mg/L	372	0.50	8129880				432	0.50	8129880
Metals										
Dissolved Calcium (Ca)	mg/L	130	0.05	8115244				140	0.05	8115244
Dissolved Magnesium (Mg)	mg/L	19	0.05	8115244				20	0.05	8115244
Mercury (Hg)	mg/L	<0.00010	0.00010	8117378	<0.00010	0.00010	8117378	<0.00010	0.00010	8117347
Dissolved Mercury (Hg)	mg/L	<0.00010	0.00010	8117372				<0.00010	0.00010	8117372
Dissolved Potassium (K)	mg/L	30	1	8115244				37	1	8115244
Dissolved Sodium (Na)	mg/L	70	0.5	8115244				95	0.5	8115244
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		TEP547			TEP548			TEP549		
Sampling Date		2022/07/10 16:25			2022/07/10 14:30			2022/07/10 15:20		
COC Number		541039			541039			541039		
	UNITS	SWMP	RDL	QC Batch	ST-S-5	RDL	QC Batch	ST-31	RDL	QC Batch

Calculated Parameters										
Total Hardness (CaCO3)	mg/L	184	0.50	8129880	568	0.50	8129880	102	0.50	8129880
Metals										
Dissolved Calcium (Ca)	mg/L	50	0.05	8115244	180	0.05	8115244			
Dissolved Magnesium (Mg)	mg/L	10	0.05	8115244	33	0.05	8115244			
Mercury (Hg)	mg/L	<0.00001	0.00001	8116968	<0.00010	0.00010	8117347	<0.00001	0.00001	8116968
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8116989	<0.00010	0.00010	8117372			
Dissolved Potassium (K)	mg/L	18	1	8115244	43	1	8115244			
Dissolved Sodium (Na)	mg/L	30	0.5	8115244	240	0.5	8115244			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch										

Bureau Veritas ID		TEP550			TEP550			TEP551		
Sampling Date		2022/07/10 15:50			2022/07/10 15:50			2022/07/10 15:00		
COC Number		541039			541039			541039		
	UNITS	TPL-Assay	RDL	QC Batch	TPL-Assay Lab-Dup	RDL	QC Batch	ST-17 FB	RDL	QC Batch

Calculated Parameters										
Total Hardness (CaCO3)	mg/L	38.0	0.50	8129880				<0.50	0.50	8129880
Metals										
Dissolved Calcium (Ca)	mg/L							<0.05	0.05	8115244
Dissolved Magnesium (Mg)	mg/L							<0.05	0.05	8115244
Mercury (Hg)	mg/L	<0.00001	0.00001	8116968	<0.00001	0.00001	8116968	<0.00001	0.00001	8116968
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8116989				<0.00001	0.00001	8116989
Dissolved Potassium (K)	mg/L							<1	1	8115244
Dissolved Sodium (Na)	mg/L							<0.5	0.5	8115244
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



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VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP542
Sample ID: ST-S-1
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Cyanate	CALC	8201667	N/A	2022/09/06	Automated Statchk
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8116989	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8134786	N/A	2022/07/27	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/25	Automated Statchk
Iodide, Thiosulphate, Thiocyanate	IC/EC	8204033	N/A	2022/09/01	Kanwardeep Brar
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/23	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/22	Valentina Balada
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8134214	N/A	2022/07/24	Andrew An
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8136969	2022/07/27	2022/07/28	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116307	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk



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TEST SUMMARY

Bureau Veritas ID: TEP542 Dup
Sample ID: ST-S-1
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/22	Valentina Balada

Bureau Veritas ID: TEP543
Sample ID: ST-17
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Cyanate	CALC	8201667	N/A	2022/09/06	Automated Statchk
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury in Water by CVAA	CV/AA	8117378	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8134786	N/A	2022/07/27	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/26	Automated Statchk
Iodide, Thiosulphate, Thiocyanate	IC/EC	8204033	N/A	2022/09/01	Kanwardeep Brar
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/23	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/22	Valentina Balada
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/26	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8149786	N/A	2022/07/26	Andrew An
Silica (Reactive)	KONE	8162120	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8136969	2022/07/27	2022/07/27	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116307	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh



BUREAU
VERITAS

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Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP543
Sample ID: ST-17
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP544
Sample ID: ST-19
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8118809	N/A	2022/07/20	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/21	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8118834	N/A	2022/07/20	Surinder Rai
Cyanate	CALC	8201667	N/A	2022/09/06	Automated Statchk
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8118805	2022/07/19	2022/07/20	Surinder Rai
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury in Water by CVAA	CV/AA	8117378	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8134786	N/A	2022/07/27	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/26	Automated Statchk
Iodide, Thiosulphate, Thiocyanate	IC/EC	8204033	N/A	2022/09/01	Kanwardeep Brar
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/23	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/23	Valentina Balada
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/26	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8149786	N/A	2022/07/26	Andrew An
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8136969	2022/07/27	2022/07/27	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8117005	N/A	2022/07/19	Amanpreet Sappal
pH	AT	8118816	2022/07/19	2022/07/20	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/21	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP544
Sample ID: ST-19
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP544 Dup
Sample ID: ST-19
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8118809	N/A	2022/07/20	Surinder Rai
Conductivity	AT	8118834	N/A	2022/07/20	Surinder Rai
Fluoride	ISE	8118805	2022/07/19	2022/07/20	Surinder Rai
pH	AT	8118816	2022/07/19	2022/07/20	Surinder Rai
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall

Bureau Veritas ID: TEP545
Sample ID: ST-21-S
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Cyanate	CALC	8201667	N/A	2022/09/06	Automated Statchk
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury in Water by CVAA	CV/AA	8117378	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8166821	N/A	2022/08/12	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/25	Automated Statchk
Iodide, Thiosulphate, Thiocyanate	IC/EC	8204033	N/A	2022/09/01	Kanwardeep Brar
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/23	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/22	Valentina Balada
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8134214	N/A	2022/07/24	Andrew An
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP545
Sample ID: ST-21-S
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Phosphorus Low Level Total	KONE	8162121	2022/07/28	2022/07/29	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8117005	N/A	2022/07/19	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP545 Dup
Sample ID: ST-21-S
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Mercury in Water by CVAA	CV/AA	8117378	2022/07/19	2022/07/19	Thuy Linh Nguyen

Bureau Veritas ID: TEP546
Sample ID: ST-21-N
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Cyanate	CALC	8201667	N/A	2022/09/06	Automated Statchk
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury in Water by CVAA	CV/AA	8117347	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8134947	N/A	2022/07/27	Carlo Truong
Cyanide (Free)	SPEC	8134786	N/A	2022/07/27	Amy Phan



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP546
Sample ID: ST-21-N
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/25	Automated Statchk
Iodide, Thiosulphate, Thiocyanate	IC/EC	8204033	N/A	2022/09/01	Kanwardeep Brar
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/23	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/22	Valentina Balada
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8134214	N/A	2022/07/24	Andrew An
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8162121	2022/07/28	2022/07/29	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116307	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP546 Dup
Sample ID: ST-21-N
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Low Level Chloride and Sulphate by AC	KONE	8134947	N/A	2022/07/27	Carlo Truong
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa

Bureau Veritas ID: TEP547
Sample ID: SWMP
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP547
Sample ID: SWMP
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8116989	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8166821	N/A	2022/08/12	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/26	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/23	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/22	Valentina Balada
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/26	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8149786	N/A	2022/07/26	Andrew An
Silica (Reactive)	KONE	8162120	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8136969	2022/07/27	2022/07/27	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116307	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/18	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TEP547 Dup
Sample ID: SWMP
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Turbidity	AT	8116295	N/A	2022/07/18	Roya Fathitil



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP548
Sample ID: ST-S-5
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/19	Surinder Rai
Dissolved Mercury in Water by CVAA	CV/AA	8117372	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury in Water by CVAA	CV/AA	8117347	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/29	Tyler Orr
Cyanide (Free)	SPEC	8134786	N/A	2022/07/27	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/25	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/23	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149784	N/A	2022/07/22	Valentina Balada
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8134214	N/A	2022/07/24	Andrew An
Silica (Reactive)	KONE	8162120	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8136969	2022/07/27	2022/07/27	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8114692	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116307	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8114690	2022/07/22	2022/07/22	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP548 Dup
Sample ID: ST-S-5
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai

Bureau Veritas ID: TEP549
Sample ID: ST-31
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8118809	N/A	2022/07/20	Surinder Rai
Chloride by Automated Colourimetry	KONE	8114874	N/A	2022/07/20	Alina Dobreanu
Fluoride	ISE	8118805	2022/07/19	2022/07/20	Surinder Rai
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8166821	N/A	2022/08/12	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/26	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8327362	2022/11/04	2022/11/04	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	8132393	2022/07/22	2022/07/23	Baoer Li
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8117005	N/A	2022/07/19	Amanpreet Sappal
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/19	Roya Fathitil

Bureau Veritas ID: TEP549 Dup
Sample ID: ST-31
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Nitrate & Nitrite as Nitrogen in Water	LACH	8117005	N/A	2022/07/19	Amanpreet Sappal

Bureau Veritas ID: TEP550
Sample ID: TPL-Assay
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8118787	N/A	2022/07/20	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/21	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Colour	SPEC	8115664	N/A	2022/07/19	Viorica Rotaru



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP550
Sample ID: TPL-Assay
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	8118773	N/A	2022/07/20	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Dissolved Oxygen	DO	8118314	2022/07/19	2022/07/19	Nusrat Naz
Fluoride	ISE	8118764	2022/07/19	2022/07/20	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8116989	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8166821	N/A	2022/08/12	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/26	Automated Statchk
Hardness (calculated as CaCO3)	CALC	8125552	N/A	2022/07/22	Automated Statchk
Iodide, Thiosulphate, Thiocyanate	IC/EC	8162122	N/A	2022/07/29	Kathleen Dalton
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8125553	N/A	2022/07/22	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	8125554	N/A	2022/07/21	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8129881	2022/07/26	2022/07/26	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	8132393	2022/07/22	2022/07/23	Baoer Li
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8162121	2022/07/28	2022/07/29	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116307	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8118778	2022/07/19	2022/07/20	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Field Measured pH	PH	ONSITE	N/A	2022/07/16	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8115233	N/A	2022/07/18	Roya Fathitil

Bureau Veritas ID: TEP550 Dup
Sample ID: TPL-Assay
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Oxygen	DO	8118314	2022/07/19	2022/07/19	Nusrat Naz
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Iodide, Thiosulphate, Thiocyanate	IC/EC	8162122	N/A	2022/07/29	Kathleen Dalton
Total Phosphorus Low Level Total	KONE	8162121			Marjolen Busslinger
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092
Report Date: 2022/11/07

Agnico Eagle
Site Location: MBK
Your P.O. #: PO 1121445
Sampler Initials: L.D

TEST SUMMARY

Bureau Veritas ID: TEP551
Sample ID: ST-17 FB
Matrix: Water

Collected: 2022/07/10
Shipped:
Received: 2022/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8116305	N/A	2022/07/20	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8114687	N/A	2022/07/20	Automated Statchk
Anions	IC	8116309	N/A	2022/07/19	Lusine Khachatryan
Chloride by Automated Colourimetry	KONE	8116301	N/A	2022/07/19	Alina Dobreanu
Conductivity	AT	8116312	N/A	2022/07/20	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8117143	N/A	2022/07/19	Nimarta Singh
Fluoride	ISE	8116318	2022/07/18	2022/07/20	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8116989	2022/07/19	2022/07/19	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8116968	2022/07/19	2022/07/19	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8115244	2022/07/18	2022/07/19	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	8162119	N/A	2022/07/28	Tyler Orr
Cyanide (Free)	SPEC	8134786	N/A	2022/07/27	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8134948	N/A	2022/07/27	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8134949	N/A	2022/07/27	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8129880	N/A	2022/07/25	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8136749	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8149788	N/A	2022/07/23	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8149785	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8134214	N/A	2022/07/24	Andrew An
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8162121	2022/07/28	2022/07/29	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8114691	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8120324	N/A	2022/07/21	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8116307	N/A	2022/07/20	Amanpreet Sappal
pH	AT	8116316	2022/07/18	2022/07/20	Surinder Rai
Orthophosphate	KONE	8116310	N/A	2022/07/19	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8114694	N/A	2022/07/19	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8114688	N/A	2022/07/20	Automated Statchk
Total Dissolved Solids	BAL	8117200	2022/07/19	2022/07/20	Kristen Chan
Total Kjeldahl Nitrogen in Water	SKAL	8120017	2022/07/20	2022/07/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8120005	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8117138	2022/07/19	2022/07/20	Shaneil Hall
Turbidity	AT	8116295	N/A	2022/07/19	Roya Fathil



GENERAL COMMENTS

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

Package 1	17.7°C
Package 2	19.0°C
Package 3	19.7°C
Package 4	18.3°C
Package 5	17.0°C
Package 6	16.0°C
Package 7	19.0°C
Package 8	19.3°C
Package 9	17.0°C
Package 10	16.3°C
Package 11	17.0°C
Package 12	19.0°C

Revised Report (2022/11/07): Total metal cations added to ST-31 per client request
Revised Report (2022/09/07): Thiocyanate and cyanate analysis added per client request

Sample TEP542 [ST-S-1] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Iodide, Thiosulphate, Thiocyanate.

Sample TEP543 [ST-17] : Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Iodide, Thiosulphate, Thiocyanate.

Sample TEP544 [ST-19] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Iodide, Thiosulphate, Thiocyanate.

Sample TEP545 [ST-21-S] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Iodide, Thiosulphate, Thiocyanate. Sample was analyzed past method specified hold time for Total Phosphorus Low Level Total.

Sample TEP546 [ST-21-N] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed



past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Iodide, Thiosulphate, Thiocyanate. Sample was analyzed past method specified hold time for Total Phosphorus Low Level Total.

Sample TEP547 [SWMP] : Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free).

Sample TEP548 [ST-S-5] : Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free).

Sample TEP549 [ST-31] : Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free).

Sample TEP550 [TPL-Assay] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Total Phosphorus Low Level Total.

Sample TEP551 [ST-17 FB] : SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected. TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Total Phosphorus Low Level Total.

RESULTS OF ANALYSES OF WATER

Sample TEP543 [ST-17] Iodide, Thiosulphate, Thiocyanate: Detection limits raised due to matrix interference.

Sample TEP545 [ST-21-S] Iodide, Thiosulphate, Thiocyanate: Detection limits raised due to matrix interference.

Sample TEP546 [ST-21-N] Iodide, Thiosulphate, Thiocyanate: Detection limits raised due to matrix interference.

Sample TEP544, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TEP545, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TEP546, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TEP547, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TEP548, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092

Report Date: 2022/11/07

QUALITY ASSURANCE REPORT

Agnico Eagle

Site Location: MBK

Your P.O. #: PO 1121445

Sampler Initials: L.D

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
8114874	Dissolved Chloride (Cl-)	2022/07/20	NC	80 - 120	102	80 - 120	<1.0	mg/L	1.8	20		
8115233	Turbidity	2022/07/18			96	85 - 115	<0.1	NTU	3.6	20		
8115244	Dissolved Calcium (Ca)	2022/07/19	NC	80 - 120	102	80 - 120	<0.05	mg/L	0.68	25		
8115244	Dissolved Magnesium (Mg)	2022/07/19	NC	80 - 120	99	80 - 120	<0.05	mg/L	0.90	25		
8115244	Dissolved Potassium (K)	2022/07/19	96	80 - 120	103	80 - 120	<1	mg/L	0.94	25		
8115244	Dissolved Sodium (Na)	2022/07/19	NC	80 - 120	103	80 - 120	<0.5	mg/L	2.7	25		
8115664	Colour	2022/07/19			96	80 - 120	<2	TCU	NC	25		
8116295	Turbidity	2022/07/18			98	85 - 115	<0.1	NTU	5.4	20		
8116301	Dissolved Chloride (Cl-)	2022/07/19	NC	80 - 120	103	80 - 120	<1.0	mg/L	5.1	20		
8116305	Alkalinity (Total as CaCO3)	2022/07/19			96	85 - 115	<1.0	mg/L	1.5	20		
8116307	Nitrate (N)	2022/07/20	104	80 - 120	107	80 - 120	<0.10	mg/L	6.4	20		
8116307	Nitrite (N)	2022/07/20	103	80 - 120	107	80 - 120	<0.010	mg/L	0.77	20		
8116309	Bromide (Br-)	2022/07/19	98	80 - 120	100	80 - 120	<1.0	mg/L	NC	20		
8116310	Orthophosphate (P)	2022/07/19	102	75 - 125	99	80 - 120	<0.010	mg/L	8.5	25		
8116312	Conductivity	2022/07/19			104	85 - 115	<1.0	umho/cm	1.2	25		
8116316	pH	2022/07/19			102	98 - 103			0.91	N/A		
8116318	Fluoride (F-)	2022/07/19	88	80 - 120	90	80 - 120	<0.10	mg/L	2.4	20		
8116968	Mercury (Hg)	2022/07/19	99	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
8116989	Dissolved Mercury (Hg)	2022/07/19	100	75 - 125	100	80 - 120	<0.00001	mg/L	NC	20		
8117005	Nitrate (N)	2022/07/19	93	80 - 120	99	80 - 120	<0.10	mg/L	NC	20		
8117005	Nitrite (N)	2022/07/19	103	80 - 120	109	80 - 120	<0.010	mg/L	NC	20		
8117138	Total Suspended Solids	2022/07/20					<1	mg/L	2.3	25	96	85 - 115
8117143	Dissolved Organic Carbon	2022/07/19	97	80 - 120	99	80 - 120	<0.40	mg/L	0.19	20		
8117200	Total Dissolved Solids	2022/07/20					<10	mg/L	8.0	25	97	90 - 110
8117347	Mercury (Hg)	2022/07/19	96	75 - 125	100	80 - 120	<0.00010	mg/L	NC	20		
8117372	Dissolved Mercury (Hg)	2022/07/19	100	75 - 125	102	80 - 120	<0.00010	mg/L	NC	20		
8117378	Mercury (Hg)	2022/07/19	99	75 - 125	102	80 - 120	<0.00010	mg/L	NC	20		
8118764	Fluoride (F-)	2022/07/20	99	80 - 120	101	80 - 120	<0.10	mg/L	7.0	20		
8118773	Conductivity	2022/07/20			100	85 - 115	<0.001	mS/cm	0	25		
8118778	pH	2022/07/21			102	98 - 103			0.24	N/A		



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092

Report Date: 2022/11/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: PO 1121445

Sampler Initials: L.D

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
8118787	Alkalinity (Total as CaCO3)	2022/07/20			99	85 - 115	<1.0	mg/L	1.0	20		
8118805	Fluoride (F-)	2022/07/20	89	80 - 120	100	80 - 120	<0.10	mg/L	3.8	20		
8118809	Alkalinity (Total as CaCO3)	2022/07/20			97	85 - 115	<1.0	mg/L	2.2	20		
8118816	pH	2022/07/20			102	98 - 103			0.50	N/A		
8118834	Conductivity	2022/07/20			102	85 - 115	<1.0	umho/cm	0	25		
8120005	Total Organic Carbon (TOC)	2022/07/21	94	80 - 120	93	80 - 120	<0.40	mg/L	0.64	20		
8120017	Total Kjeldahl Nitrogen (TKN)	2022/07/21	98	80 - 120	98	80 - 120	<0.10	mg/L	NC (1)	20	103	80 - 120
8120324	Total Ammonia-N	2022/07/21	95	75 - 125	100	80 - 120	<0.050	mg/L	NC	20		
8125554	Dissolved Aluminum (Al)	2022/07/21	102	80 - 120	100	80 - 120	<0.0030	mg/L	4.7	20		
8125554	Dissolved Antimony (Sb)	2022/07/21	103	80 - 120	99	80 - 120	<0.00050	mg/L	NC	20		
8125554	Dissolved Arsenic (As)	2022/07/21	109	80 - 120	103	80 - 120	<0.00010	mg/L	1.6	20		
8125554	Dissolved Barium (Ba)	2022/07/21	103	80 - 120	99	80 - 120	<0.0010	mg/L	0.54	20		
8125554	Dissolved Beryllium (Be)	2022/07/21	102	80 - 120	100	80 - 120	<0.00010	mg/L	NC	20		
8125554	Dissolved Bismuth (Bi)	2022/07/21	101	80 - 120	98	80 - 120	<0.0010	mg/L	NC	20		
8125554	Dissolved Boron (B)	2022/07/21	100	80 - 120	98	80 - 120	<0.050	mg/L	NC	20		
8125554	Dissolved Cadmium (Cd)	2022/07/21	100	80 - 120	97	80 - 120	<0.000010	mg/L	NC	20		
8125554	Dissolved Chromium (Cr)	2022/07/21	102	80 - 120	99	80 - 120	<0.0010	mg/L	NC	20		
8125554	Dissolved Cobalt (Co)	2022/07/21	97	80 - 120	96	80 - 120	<0.00020	mg/L	NC	20		
8125554	Dissolved Copper (Cu)	2022/07/21	97	80 - 120	97	80 - 120	<0.00020	mg/L	0.34	20		
8125554	Dissolved Iron (Fe)	2022/07/21	NC	80 - 120	103	80 - 120	<0.0050	mg/L	1.1	20		
8125554	Dissolved Lead (Pb)	2022/07/21	106	80 - 120	101	80 - 120	<0.00020	mg/L	NC	20		
8125554	Dissolved Lithium (Li)	2022/07/21	101	80 - 120	96	80 - 120	<0.0020	mg/L	NC	20		
8125554	Dissolved Manganese (Mn)	2022/07/21	NC	80 - 120	98	80 - 120	<0.0010	mg/L	0.88	20		
8125554	Dissolved Molybdenum (Mo)	2022/07/21	110	80 - 120	104	80 - 120	<0.0010	mg/L	NC	20		
8125554	Dissolved Nickel (Ni)	2022/07/21	99	80 - 120	98	80 - 120	<0.0010	mg/L	NC	20		
8125554	Dissolved Selenium (Se)	2022/07/21	107	80 - 120	101	80 - 120	<0.00010	mg/L	8.9	20		
8125554	Dissolved Silver (Ag)	2022/07/21	97	80 - 120	97	80 - 120	<0.000020	mg/L	NC	20		
8125554	Dissolved Strontium (Sr)	2022/07/21	NC	80 - 120	102	80 - 120	<0.0010	mg/L	2.0	20		
8125554	Dissolved Tellurium (Te)	2022/07/21	107	80 - 120	106	80 - 120	<0.0010	mg/L				
8125554	Dissolved Thallium (Tl)	2022/07/21	102	80 - 120	97	80 - 120	<0.000010	mg/L	NC	20		



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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
8125554	Dissolved Tin (Sn)	2022/07/21	100	80 - 120	97	80 - 120	<0.0050	mg/L	NC	20		
8125554	Dissolved Titanium (Ti)	2022/07/21	104	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
8125554	Dissolved Uranium (U)	2022/07/21	105	80 - 120	102	80 - 120	<0.00010	mg/L	NC	20		
8125554	Dissolved Vanadium (V)	2022/07/21	103	80 - 120	99	80 - 120	<0.0050	mg/L	NC	20		
8125554	Dissolved Zinc (Zn)	2022/07/21	101	80 - 120	102	80 - 120	<0.0050	mg/L	NC	20		
8132393	Total Aluminum (Al)	2022/07/23	99	80 - 120	97	80 - 120	<0.0030	mg/L				
8132393	Total Antimony (Sb)	2022/07/23	NC	80 - 120	101	80 - 120	<0.00050	mg/L				
8132393	Total Arsenic (As)	2022/07/23	108	80 - 120	103	80 - 120	<0.00010	mg/L				
8132393	Total Barium (Ba)	2022/07/23	103	80 - 120	98	80 - 120	<0.0010	mg/L				
8132393	Total Beryllium (Be)	2022/07/23	93	80 - 120	91	80 - 120	<0.00010	mg/L				
8132393	Total Boron (B)	2022/07/23	95	80 - 120	93	80 - 120	<0.050	mg/L				
8132393	Total Cadmium (Cd)	2022/07/23	103	80 - 120	99	80 - 120	<0.000010	mg/L				
8132393	Total Chromium (Cr)	2022/07/23	99	80 - 120	95	80 - 120	<0.0010	mg/L				
8132393	Total Cobalt (Co)	2022/07/23	96	80 - 120	97	80 - 120	<0.00020	mg/L				
8132393	Total Copper (Cu)	2022/07/23	92	80 - 120	93	80 - 120	<0.00050	mg/L				
8132393	Total Iron (Fe)	2022/07/23	97	80 - 120	97	80 - 120	<0.010	mg/L				
8132393	Total Lead (Pb)	2022/07/23	NC	80 - 120	99	80 - 120	<0.00020	mg/L				
8132393	Total Lithium (Li)	2022/07/23	85	80 - 120	87	80 - 120	<0.0020	mg/L				
8132393	Total Manganese (Mn)	2022/07/23	NC	80 - 120	95	80 - 120	<0.0010	mg/L				
8132393	Total Molybdenum (Mo)	2022/07/23	NC	80 - 120	101	80 - 120	<0.0010	mg/L				
8132393	Total Nickel (Ni)	2022/07/23	98	80 - 120	94	80 - 120	<0.0010	mg/L				
8132393	Total Selenium (Se)	2022/07/23	106	80 - 120	99	80 - 120	<0.00010	mg/L				
8132393	Total Silver (Ag)	2022/07/23	100	80 - 120	97	80 - 120	<0.000020	mg/L				
8132393	Total Strontium (Sr)	2022/07/23	NC	80 - 120	98	80 - 120	<0.0010	mg/L				
8132393	Total Tellurium (Te)	2022/07/23	110	80 - 120	103	80 - 120	<0.0010	mg/L				
8132393	Total Thallium (Tl)	2022/07/23	101	80 - 120	97	80 - 120	<0.000010	mg/L				
8132393	Total Tin (Sn)	2022/07/23	103	80 - 120	98	80 - 120	<0.0050	mg/L				
8132393	Total Titanium (Ti)	2022/07/23	102	80 - 120	99	80 - 120	<0.0050	mg/L				
8132393	Total Uranium (U)	2022/07/23	105	80 - 120	99	80 - 120	<0.00010	mg/L				
8132393	Total Vanadium (V)	2022/07/23	100	80 - 120	94	80 - 120	<0.0050	mg/L				
8132393	Total Zinc (Zn)	2022/07/23	NC	80 - 120	98	80 - 120	<0.0050	mg/L				



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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
8134214	Total Aluminum (Al)	2022/07/24	96	80 - 120	102	80 - 120	<0.50	ug/L				
8134214	Total Antimony (Sb)	2022/07/24	95	80 - 120	99	80 - 120	<0.020	ug/L				
8134214	Total Arsenic (As)	2022/07/24	99	80 - 120	102	80 - 120	<0.020	ug/L				
8134214	Total Barium (Ba)	2022/07/24	93	80 - 120	97	80 - 120	<0.020	ug/L				
8134214	Total Beryllium (Be)	2022/07/24	96	80 - 120	99	80 - 120	<0.010	ug/L				
8134214	Total Bismuth (Bi)	2022/07/24	94	80 - 120	97	80 - 120	<0.0050	ug/L				
8134214	Total Boron (B)	2022/07/24	96	80 - 120	99	80 - 120	<10	ug/L				
8134214	Total Cadmium (Cd)	2022/07/24	96	80 - 120	99	80 - 120	<0.0050	ug/L				
8134214	Total Chromium (Cr)	2022/07/24	94	80 - 120	99	80 - 120	<0.10	ug/L				
8134214	Total Copper (Cu)	2022/07/24	92	80 - 120	96	80 - 120	<0.050	ug/L				
8134214	Total Iron (Fe)	2022/07/24	97	80 - 120	104	80 - 120	<1.0	ug/L				
8134214	Total Lead (Pb)	2022/07/24	96	80 - 120	100	80 - 120	<0.0050	ug/L				
8134214	Total Lithium (Li)	2022/07/24	95	80 - 120	96	80 - 120	<0.50	ug/L				
8134214	Total Manganese (Mn)	2022/07/24	95	80 - 120	100	80 - 120	<0.050	ug/L				
8134214	Total Molybdenum (Mo)	2022/07/24	95	80 - 120	101	80 - 120	<0.050	ug/L				
8134214	Total Nickel (Ni)	2022/07/24	93	80 - 120	98	80 - 120	<0.020	ug/L				
8134214	Total Selenium (Se)	2022/07/24	99	80 - 120	103	80 - 120	<0.040	ug/L				
8134214	Total Silver (Ag)	2022/07/24	93	80 - 120	97	80 - 120	<0.0050	ug/L				
8134214	Total Strontium (Sr)	2022/07/24	94	80 - 120	96	80 - 120	<0.050	ug/L				
8134214	Total Thallium (Tl)	2022/07/24	93	80 - 120	98	80 - 120	<0.0020	ug/L				
8134214	Total Tin (Sn)	2022/07/24	94	80 - 120	98	80 - 120	<0.20	ug/L				
8134214	Total Titanium (Ti)	2022/07/24	93	80 - 120	99	80 - 120	<0.50	ug/L				
8134214	Total Uranium (U)	2022/07/24	95	80 - 120	101	80 - 120	<0.0020	ug/L				
8134214	Total Vanadium (V)	2022/07/24	96	80 - 120	101	80 - 120	<0.20	ug/L				
8134214	Total Zinc (Zn)	2022/07/24	102	80 - 120	105	80 - 120	<0.10	ug/L				
8134786	Free Cyanide (CN)	2022/07/27	86	80 - 120	91	80 - 120	<2.0	ug/L	11	20		
8134947	Dissolved Sulphate (SO4)	2022/07/27	NC	80 - 120	100	80 - 120	<0.50	mg/L	5.6	20		
8134948	Strong Acid Dissoc. Cyanide (CN)	2022/07/27	90	80 - 120	99	80 - 120	<0.00050	mg/L				
8134949	Weak Acid Dissoc. Cyanide (CN)	2022/07/27	102	80 - 120	96	80 - 120	<0.00050	mg/L				
8136969	Total Phosphorus (P)	2022/07/27	113	80 - 120	102	80 - 120	<0.0010	mg/L			91	80 - 120
8139186	Redox Potential	2022/08/02			100	95 - 105			1.1	N/A		



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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
8140140	Reactive Silica (SiO2)	2022/07/29	103	80 - 120	103	80 - 120	<0.050	mg/L	0.021	20		
8149784	Dissolved Aluminum (Al)	2022/07/22	98	80 - 120	100	80 - 120	<0.50	ug/L	2.3	20		
8149784	Dissolved Antimony (Sb)	2022/07/22	98	80 - 120	101	80 - 120	<0.020	ug/L	0.070	20		
8149784	Dissolved Arsenic (As)	2022/07/22	101	80 - 120	106	80 - 120	<0.020	ug/L	1.7	20		
8149784	Dissolved Barium (Ba)	2022/07/22	97	80 - 120	100	80 - 120	<0.020	ug/L	1.5	20		
8149784	Dissolved Beryllium (Be)	2022/07/22	98	80 - 120	104	80 - 120	<0.010	ug/L	NC	20		
8149784	Dissolved Bismuth (Bi)	2022/07/22	98	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
8149784	Dissolved Boron (B)	2022/07/22	105	80 - 120	107	80 - 120	<10	ug/L	1.7	20		
8149784	Dissolved Cadmium (Cd)	2022/07/22	98	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
8149784	Dissolved Chromium (Cr)	2022/07/22	98	80 - 120	97	80 - 120	<0.10	ug/L	5.9	20		
8149784	Dissolved Copper (Cu)	2022/07/22	99	80 - 120	95	80 - 120	<0.050	ug/L	0.82	20		
8149784	Dissolved Iron (Fe)	2022/07/22	105	80 - 120	100	80 - 120	<1.0	ug/L	1.5	20		
8149784	Dissolved Lead (Pb)	2022/07/22	98	80 - 120	101	80 - 120	<0.0050	ug/L	1.1	20		
8149784	Dissolved Lithium (Li)	2022/07/22	99	80 - 120	104	80 - 120	<0.50	ug/L	8.2	20		
8149784	Dissolved Manganese (Mn)	2022/07/22	92	80 - 120	93	80 - 120	<0.050	ug/L	2.6	20		
8149784	Dissolved Molybdenum (Mo)	2022/07/22	100	80 - 120	104	80 - 120	<0.050	ug/L	4.2	20		
8149784	Dissolved Nickel (Ni)	2022/07/22	96	80 - 120	98	80 - 120	<0.020	ug/L	0.93	20		
8149784	Dissolved Selenium (Se)	2022/07/22	104	80 - 120	102	80 - 120	<0.040	ug/L	2.4	20		
8149784	Dissolved Strontium (Sr)	2022/07/22	NC	80 - 120	98	80 - 120	<0.050	ug/L	0.87	20		
8149784	Dissolved Thallium (Tl)	2022/07/22	98	80 - 120	100	80 - 120	<0.0020	ug/L	8.7	20		
8149784	Dissolved Tin (Sn)	2022/07/22	99	80 - 120	100	80 - 120	<0.20	ug/L	NC	20		
8149784	Dissolved Titanium (Ti)	2022/07/22	97	80 - 120	99	80 - 120	<0.50	ug/L	NC	20		
8149784	Dissolved Uranium (U)	2022/07/22	100	80 - 120	102	80 - 120	<0.0020	ug/L	1.6	20		
8149784	Dissolved Vanadium (V)	2022/07/22	94	80 - 120	95	80 - 120	<0.20	ug/L	NC	20		
8149784	Dissolved Zinc (Zn)	2022/07/22	100	80 - 120	103	80 - 120	<0.10	ug/L	0.51	20		
8149786	Total Aluminum (Al)	2022/07/26	100	80 - 120	101	80 - 120	<0.50	ug/L				
8149786	Total Antimony (Sb)	2022/07/26	102	80 - 120	99	80 - 120	<0.020	ug/L				
8149786	Total Arsenic (As)	2022/07/26	108	80 - 120	101	80 - 120	<0.020	ug/L				
8149786	Total Barium (Ba)	2022/07/26	NC	80 - 120	98	80 - 120	<0.020	ug/L				
8149786	Total Beryllium (Be)	2022/07/26	98	80 - 120	100	80 - 120	<0.010	ug/L				
8149786	Total Bismuth (Bi)	2022/07/26	93	80 - 120	97	80 - 120	<0.0050	ug/L				



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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
8149786	Total Boron (B)	2022/07/26	103	80 - 120	105	80 - 120	<10	ug/L				
8149786	Total Cadmium (Cd)	2022/07/26	98	80 - 120	98	80 - 120	<0.0050	ug/L				
8149786	Total Chromium (Cr)	2022/07/26	97	80 - 120	97	80 - 120	<0.10	ug/L				
8149786	Total Copper (Cu)	2022/07/26	91	80 - 120	96	80 - 120	<0.050	ug/L				
8149786	Total Iron (Fe)	2022/07/26	102	80 - 120	100	80 - 120	<1.0	ug/L				
8149786	Total Lead (Pb)	2022/07/26	98	80 - 120	101	80 - 120	<0.0050	ug/L				
8149786	Total Lithium (Li)	2022/07/26	96	80 - 120	96	80 - 120	<0.50	ug/L				
8149786	Total Manganese (Mn)	2022/07/26	96	80 - 120	98	80 - 120	<0.050	ug/L				
8149786	Total Molybdenum (Mo)	2022/07/26	107	80 - 120	101	80 - 120	<0.050	ug/L				
8149786	Total Nickel (Ni)	2022/07/26	93	80 - 120	99	80 - 120	<0.020	ug/L				
8149786	Total Selenium (Se)	2022/07/26	105	80 - 120	99	80 - 120	<0.040	ug/L				
8149786	Total Silver (Ag)	2022/07/26	96	80 - 120	96	80 - 120	<0.0050	ug/L				
8149786	Total Strontium (Sr)	2022/07/26	NC	80 - 120	94	80 - 120	<0.050	ug/L				
8149786	Total Thallium (Tl)	2022/07/26	97	80 - 120	98	80 - 120	<0.0020	ug/L				
8149786	Total Tin (Sn)	2022/07/26	103	80 - 120	100	80 - 120	<0.20	ug/L				
8149786	Total Titanium (Ti)	2022/07/26	100	80 - 120	100	80 - 120	<0.50	ug/L				
8149786	Total Uranium (U)	2022/07/26	105	80 - 120	102	80 - 120	<0.0020	ug/L				
8149786	Total Vanadium (V)	2022/07/26	100	80 - 120	99	80 - 120	<0.20	ug/L				
8149786	Total Zinc (Zn)	2022/07/26	94	80 - 120	102	80 - 120	<0.10	ug/L				
8149787	Dissolved Copper (Cu)	2022/08/04			97	80 - 120	<0.050	ug/L				
8149787	Dissolved Lead (Pb)	2022/08/04			98	80 - 120	<0.0050	ug/L				
8149787	Dissolved Zinc (Zn)	2022/08/04			97	80 - 120	<0.10	ug/L				
8149788	Dissolved Aluminum (Al)	2022/07/23	NC	80 - 120	99	80 - 120	<0.50	ug/L				
8149788	Dissolved Antimony (Sb)	2022/07/23	101	80 - 120	100	80 - 120	<0.020	ug/L				
8149788	Dissolved Arsenic (As)	2022/07/23	106	80 - 120	101	80 - 120	<0.020	ug/L				
8149788	Dissolved Barium (Ba)	2022/07/23	98	80 - 120	98	80 - 120	<0.020	ug/L				
8149788	Dissolved Beryllium (Be)	2022/07/23	104	80 - 120	99	80 - 120	<0.010	ug/L				
8149788	Dissolved Bismuth (Bi)	2022/07/23	100	80 - 120	97	80 - 120	<0.0050	ug/L				
8149788	Dissolved Boron (B)	2022/07/23	105	80 - 120	96	80 - 120	<10	ug/L				
8149788	Dissolved Cadmium (Cd)	2022/07/23	101	80 - 120	97	80 - 120	<0.0050	ug/L				
8149788	Dissolved Chromium (Cr)	2022/07/23	101	80 - 120	97	80 - 120	<0.10	ug/L				



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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
8149788	Dissolved Copper (Cu)	2022/07/23	96	80 - 120	96	80 - 120	<0.050	ug/L				
8149788	Dissolved Iron (Fe)	2022/07/23	NC	80 - 120	101	80 - 120	<1.0	ug/L				
8149788	Dissolved Lead (Pb)	2022/07/23	106	80 - 120	100	80 - 120	<0.0050	ug/L				
8149788	Dissolved Lithium (Li)	2022/07/23	100	80 - 120	99	80 - 120	<0.50	ug/L				
8149788	Dissolved Manganese (Mn)	2022/07/23	NC	80 - 120	97	80 - 120	<0.050	ug/L				
8149788	Dissolved Molybdenum (Mo)	2022/07/23	108	80 - 120	100	80 - 120	<0.050	ug/L				
8149788	Dissolved Nickel (Ni)	2022/07/23	NC	80 - 120	97	80 - 120	<0.020	ug/L				
8149788	Dissolved Selenium (Se)	2022/07/23	106	80 - 120	98	80 - 120	<0.040	ug/L				
8149788	Dissolved Strontium (Sr)	2022/07/23	NC	80 - 120	95	80 - 120	<0.050	ug/L				
8149788	Dissolved Thallium (Tl)	2022/07/23	103	80 - 120	98	80 - 120	<0.0020	ug/L				
8149788	Dissolved Tin (Sn)	2022/07/23	102	80 - 120	100	80 - 120	<0.20	ug/L				
8149788	Dissolved Titanium (Ti)	2022/07/23	105	80 - 120	101	80 - 120	<0.50	ug/L				
8149788	Dissolved Uranium (U)	2022/07/23	105	80 - 120	99	80 - 120	<0.0020	ug/L				
8149788	Dissolved Vanadium (V)	2022/07/23	103	80 - 120	98	80 - 120	<0.20	ug/L				
8149788	Dissolved Zinc (Zn)	2022/07/23	NC	80 - 120	102	80 - 120	<0.10	ug/L				
8162119	Dissolved Sulphate (SO4)	2022/07/29	NC	80 - 120	102	80 - 120	<0.50	mg/L				
8162120	Reactive Silica (SiO2)	2022/07/29	127 (2)	80 - 120	104	80 - 120	<0.050	mg/L				
8162121	Total Phosphorus (P)		101	80 - 120	98	80 - 120	0.0018, RDL=0.0010 (3)	mg/L	NC	20	90	80 - 120
8162122	Dissolved Thiocyanate	2022/07/29	117	80 - 120	120	80 - 120	<0.20	mg/L	NC	20		
8162122	Dissolved Thiosulphate	2022/07/29	111	80 - 120	113	80 - 120	<0.20	mg/L	NC	20		
8166821	Free Cyanide (CN)	2022/08/12	101	N/A	100	80 - 120	<2.0	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2J9092

Report Date: 2022/11/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: PO 1121445

Sampler Initials: L.D

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
8204033	Dissolved Thiocyanate	2022/09/01	111	80 - 120	109	80 - 120	<0.20	mg/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.

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) Due to a high concentration of NO_x, the sample required dilution. The detection limit was adjusted accordingly.

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

(3) Method blank <2XRDL.



VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

David Huang, BBY Scientific Specialist

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

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

Shanaz Akbar, Project Solutions Representative

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

Automated Statchk



**BUREAU
VERITAS**

Bureau Veritas Job #: C2J9092

Report Date: 2022/11/07

Agnico Eagle

Site Location: MBK

Your P.O. #: PO 1121445

Sampler Initials: L.D

VALIDATION SIGNATURE PAGE(CONT'D)

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

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 {0}, {1} responsible for {2} {3} laboratory operations.

Appendix C-III Analytical Report No. C2K2187

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-09	MW-IPD-09a	TFH875



Your P.O. #: 1121445
 Site Location: MBK
 Your C.O.C. #: 543684

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/08/29
 Report #: R7275057
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K2187

Received: 2022/07/19, 09:00

Sample Matrix: Ground Water
 # Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	1	N/A	2022/07/21	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	1	N/A	2022/07/21	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	1	N/A	2022/07/21	CAM SOP-00463	SM 23 4500-Cl E m
Conductivity (1)	1	N/A	2022/07/21	CAM SOP-00414	SM 23 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	1	N/A	2022/07/21	CAM SOP-00446	SM 23 5310 B m
Fluoride (1)	1	2022/07/20	2022/07/21	CAM SOP-00449	SM 23 4500-F C m
Dissolved Mercury (low level) (1)	1	2022/07/21	2022/07/21	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	1	2022/07/21	2022/07/21	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	1	2022/07/20	2022/07/26	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	1	N/A	2022/08/26		
Low Level Chloride and Sulphate by AC (2)	1	N/A	2022/07/23	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Cyanide (Free) (2)	1	N/A	2022/07/24	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	1	N/A	2022/07/22	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	1	N/A	2022/07/22	CAL SOP-00270	SM 23 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	1	N/A	2022/07/25	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2022/07/25	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/07/23	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	1	N/A	2022/07/25	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	1	N/A	2022/07/24	BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (2)	1	N/A	2022/07/23	AB SOP-00011	EPA370.1 R1978 m
Total Phosphorus Low Level Total (2)	1	2022/07/24	2022/07/27	AB SOP-00024	SM 23 4500-P A,B,F m
Total Ammonia (as NH3) (1)	1	N/A	2022/07/22	Auto Calc.	
Ammonium as NH4+ (1)	1	N/A	2022/07/22		
Total Ammonia-N (1)	1	N/A	2022/07/22	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 6)	1	N/A	2022/07/21	CAM SOP-00440	SM 23 4500-NO3I/NO2B
pH (1)	1	2022/07/20	2022/07/21	CAM SOP-00413	SM 4500H+ B m
Field Measured pH (1, 7)	1	N/A	2022/07/20		Field pH Meter
Orthophosphate (1)	1	N/A	2022/07/21	CAM SOP-00461	EPA 365.1 m
Redox Potential (1, 8)	1	2022/07/29	2022/08/02	CAM SOP-00421	SM 2580 B
Sodium Adsorption Ratio (SAR) (1)	1	N/A	2022/07/26	CAM SOP-00102	EPA 6010C



Your P.O. #: 1121445
 Site Location: MBK
 Your C.O.C. #: 543684

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA P0X 0A1

Report Date: 2022/08/29
 Report #: R7275057
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K2187

Received: 2022/07/19, 09:00

Sample Matrix: Ground Water
 # Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Total Dissolved Solids (Calc. from EC) (1)	1	N/A	2022/07/21		Auto Calc
Total Dissolved Solids (1)	1	2022/07/20	2022/07/21	CAM SOP-00428	SM 23 2540C m
Field Temperature (1, 7)	1	N/A	2022/07/20		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	1	2022/07/21	2022/07/22	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 9)	1	N/A	2022/07/21	CAM SOP-00446	SM 23 5310B m
Low Level Total Suspended Solids (1)	1	2022/07/20	2022/07/21	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	1	N/A	2022/07/20	CAM SOP-00417	SM 23 2130 B m
Un-ionized Ammonia (as N) (1, 10)	1	2022/07/20	2022/07/22	Calculation	Calculation

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 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



Your P.O. #: 1121445
Site Location: MBK
Your C.O.C. #: 543684

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2022/08/29
Report #: R7275057
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K2187

Received: 2022/07/19, 09:00

- (4) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
- (5) "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).
- (6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (7) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (8) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (9) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (10) Un-ionized ammonia is calculated using the total ammonia result and field data provided by the client for pH and temperature.

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

=====
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 Signature Page.



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TFH875			TFH875		
Sampling Date		2022/07/13 13:00			2022/07/13 13:00		
COC Number		543684			543684		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8120094			
Ammonium (NH4)	mg/L	<0.026	0.026	8120095			
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	72	1.0	8120091			
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8120091			
Total dissolved solids (calc., EC)	mg/L	135	10	8120098			
Sodium Adsorption Ratio	N/A	1.0		8120097			
CONVENTIONALS							
Redox Potential	mV	190	N/A	8139186			
Field Measurements							
Field Temperature	Celsius	24.60	N/A	ONSITE			
Field Measured pH	pH	9.12		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	8122348			
Dissolved Bromide (Br-)	mg/L	0.018	0.010	8192672	0.019	0.010	8192672
Conductivity	umho/cm	220	1.0	8121435	220	1.0	8121435
Free Cyanide (CN)	ug/L	2.7	2.0	8132300			
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00145	0.00050	8132221			
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0015	0.00050	8132222			
Total Dissolved Solids	mg/L	225	10	8120548			
Fluoride (F-)	mg/L	1.1	0.10	8121440	1.1	0.10	8121440
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	8123363			
Dissolved Organic Carbon	mg/L	1.5	0.40	8120634	1.3	0.40	8120634
Total Organic Carbon (TOC)	mg/L	0.96	0.40	8122450			
Orthophosphate (P)	mg/L	0.025	0.010	8121464	0.023	0.010	8121464
pH	pH	7.97		8121447	8.04		8121447
Reactive Silica (SiO2)	mg/L	9.7	0.25	8127378			
Total Suspended Solids	mg/L	2	1	8120503			
Turbidity	NTU	3.5	0.1	8120793	3.8	0.1	8120793
Alkalinity (Total as CaCO3)	mg/L	73	1.0	8121422	73	1.0	8121422
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable							



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TFH875			TFH875		
Sampling Date		2022/07/13 13:00			2022/07/13 13:00		
COC Number		543684			543684		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Dissolved Chloride (Cl-)	mg/L	1.7	1.0	8121460	1.9	1.0	8121460
Nitrite (N)	mg/L	<0.010	0.010	8121199			
Nitrate (N)	mg/L	<0.10	0.10	8121199			
Dissolved Sulphate (SO4)	mg/L	34	0.50	8135884	34	0.50	8135884
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8121199			
Un-ionized Ammonia (as N)	mg/L	<0.021	0.021	8120099			
Metals							
Dissolved Aluminum (Al)	ug/L	2.94	0.50	8134216			
Total Aluminum (Al)	ug/L	43.6	0.50	8134214			
Dissolved Antimony (Sb)	ug/L	0.022	0.020	8134216			
Total Antimony (Sb)	ug/L	0.025	0.020	8134214			
Dissolved Arsenic (As)	ug/L	20.6	0.020	8134216			
Total Arsenic (As)	ug/L	23.9	0.020	8134214			
Dissolved Barium (Ba)	ug/L	2.90	0.020	8134216			
Total Barium (Ba)	ug/L	2.74	0.020	8134214			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8134216			
Total Beryllium (Be)	ug/L	<0.010	0.010	8134214			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8134216			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8134214			
Dissolved Boron (B)	ug/L	102	10	8134216			
Total Boron (B)	ug/L	91	10	8134214			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8134216			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8134214			
Dissolved Chromium (Cr)	ug/L	0.20	0.10	8134216			
Total Chromium (Cr)	ug/L	1.10	0.10	8134214			
Dissolved Copper (Cu)	ug/L	0.196	0.050	8134216			
Total Copper (Cu)	ug/L	0.686	0.050	8134214			
Dissolved Iron (Fe)	ug/L	94.1	1.0	8134216			
Total Iron (Fe)	ug/L	363	1.0	8134214			
Dissolved Lead (Pb)	ug/L	0.0156	0.0050	8134216			
Total Lead (Pb)	ug/L	0.191	0.0050	8134214			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TFH875			TFH875		
Sampling Date		2022/07/13 13:00			2022/07/13 13:00		
COC Number		543684			543684		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Dissolved Lithium (Li)	ug/L	2.26	0.50	8134216			
Total Lithium (Li)	ug/L	2.24	0.50	8134214			
Dissolved Manganese (Mn)	ug/L	34.9	0.050	8134216			
Total Manganese (Mn)	ug/L	36.7	0.050	8134214			
Dissolved Molybdenum (Mo)	ug/L	11.8	0.050	8134216			
Total Molybdenum (Mo)	ug/L	10.7	0.050	8134214			
Dissolved Nickel (Ni)	ug/L	0.133	0.020	8134216			
Total Nickel (Ni)	ug/L	0.764	0.020	8134214			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8134216			
Total Selenium (Se)	ug/L	<0.040	0.040	8134214			
Total Silver (Ag)	ug/L	<0.0050	0.0050	8134214			
Dissolved Strontium (Sr)	ug/L	136	0.050	8134216			
Total Strontium (Sr)	ug/L	136	0.050	8134214			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8134216			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8134214			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8134216			
Total Tin (Sn)	ug/L	<0.20	0.20	8134214			
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8134216			
Total Titanium (Ti)	ug/L	0.62	0.50	8134214			
Dissolved Uranium (U)	ug/L	0.150	0.0020	8134216			
Total Uranium (U)	ug/L	0.163	0.0020	8134214			
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8134216			
Total Vanadium (V)	ug/L	<0.20	0.20	8134214			
Dissolved Zinc (Zn)	ug/L	0.93	0.10	8134216			
Total Zinc (Zn)	ug/L	1.52	0.10	8134214			
Dissolved Calcium (Ca)	mg/L	15.6	0.050	8134215			
Total Calcium (Ca)	mg/L	15.3	0.050	8134213			
Dissolved Magnesium (Mg)	mg/L	7.10	0.050	8134215			
Total Magnesium (Mg)	mg/L	6.81	0.050	8134213			
Dissolved Potassium (K)	mg/L	0.952	0.050	8134215			
Total Potassium (K)	mg/L	0.930	0.050	8134213			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TFH875			TFH875		
Sampling Date		2022/07/13 13:00			2022/07/13 13:00		
COC Number		543684			543684		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	18.8	0.050	8134215			
Total Sodium (Na)	mg/L	18.1	0.050	8134213			
Nutritional Parameters							
Total Phosphorus (P)	mg/L	0.020	0.0010	8135885			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



**BUREAU
VERITAS**

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)

Bureau Veritas ID		TFH875			TFH875		
Sampling Date		2022/07/13 13:00			2022/07/13 13:00		
COC Number		543684			543684		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Hardness (CaCO3)	mg/L	66.1	0.50	8134212			
Metals							
Dissolved Calcium (Ca)	mg/L	16	0.05	8120290			
Dissolved Magnesium (Mg)	mg/L	6.9	0.05	8120290			
Mercury (Hg)	mg/L	<0.00001	0.00001	8122096	<0.00001	0.00001	8122096
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8122081	<0.00001	0.00001	8122081
Dissolved Potassium (K)	mg/L	<1	1	8120290			
Dissolved Sodium (Na)	mg/L	19	0.5	8120290			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TFH875
Sample ID: MW-IPD-09a
Matrix: Ground Water

Collected: 2022/07/13
Shipped:
Received: 2022/07/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8121422	N/A	2022/07/21	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8120091	N/A	2022/07/21	Automated Statchk
Chloride by Automated Colourimetry	KONE	8121460	N/A	2022/07/21	Alina Dobreanu
Conductivity	AT	8121435	N/A	2022/07/21	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8120634	N/A	2022/07/21	Nimarta Singh
Fluoride	ISE	8121440	2022/07/20	2022/07/21	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8122081	2022/07/21	2022/07/21	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8122096	2022/07/21	2022/07/21	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8120290	2022/07/20	2022/07/26	Suban Kanapathipplai
Bromide in water by IC	IC/UV	8192672	N/A	2022/08/26	Kanwardeep Brar
Low Level Chloride and Sulphate by AC	KONE	8135884	N/A	2022/07/23	Carlo Truong
Cyanide (Free)	SPEC	8132300	N/A	2022/07/24	Riazuddin Khan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8132221	N/A	2022/07/22	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8132222	N/A	2022/07/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8134212	N/A	2022/07/25	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8134215	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8134216	N/A	2022/07/23	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8134213	N/A	2022/07/25	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8134214	N/A	2022/07/24	Andrew An
Silica (Reactive)	KONE	8127378	N/A	2022/07/23	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8135885	2022/07/24	2022/07/27	Marjolen Busslinger
Total Ammonia (as NH3)	CALC	8120094	N/A	2022/07/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8120095	N/A	2022/07/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8122348	N/A	2022/07/22	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8121199	N/A	2022/07/21	Amanpreet Sappal
pH	AT	8121447	2022/07/20	2022/07/21	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/20	Khanh Vi Trinh
Orthophosphate	KONE	8121464	N/A	2022/07/21	Chandra Nandlal
Redox Potential	COND	8139186	2022/07/29	2022/08/02	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8120097	N/A	2022/07/26	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8120098	N/A	2022/07/21	Automated Statchk
Total Dissolved Solids	BAL	8120548	2022/07/20	2022/07/21	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/20	Khanh Vi Trinh
Total Kjeldahl Nitrogen in Water	SKAL	8123363	2022/07/21	2022/07/22	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8122450	N/A	2022/07/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8120503	2022/07/20	2022/07/21	Shaneil Hall
Turbidity	AT	8120793	N/A	2022/07/20	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8120099	2022/07/22	2022/07/22	Automated Statchk

Bureau Veritas ID: TFH875 Dup
Sample ID: MW-IPD-09a
Matrix: Ground Water

Collected: 2022/07/13
Shipped:
Received: 2022/07/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8121422	N/A	2022/07/21	Surinder Rai



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TFH875 Dup
Sample ID: MW-IPD-09a
Matrix: Ground Water

Collected: 2022/07/13
Shipped:
Received: 2022/07/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	8121460	N/A	2022/07/21	Alina Dobreanu
Conductivity	AT	8121435	N/A	2022/07/21	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8120634	N/A	2022/07/21	Nimarta Singh
Fluoride	ISE	8121440	2022/07/20	2022/07/21	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8122081	2022/07/21	2022/07/21	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8122096	2022/07/21	2022/07/21	Thuy Linh Nguyen
Bromide in water by IC	IC/UV	8192672	N/A	2022/08/26	Kanwardeep Brar
Low Level Chloride and Sulphate by AC	KONE	8135884	N/A	2022/07/23	Carlo Truong
pH	AT	8121447	2022/07/20	2022/07/21	Surinder Rai
Orthophosphate	KONE	8121464	N/A	2022/07/21	Chandra Nandlal
Turbidity	AT	8120793	N/A	2022/07/20	Roya Fathitil



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

GENERAL COMMENTS

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

Package 1	16.3°C
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Revised Report (2022/08/29): Low level Bromide analysis run past holding time at client's request

Sample TFH875 [MW-IPD-09a] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Bromide by IC. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187

Report Date: 2022/08/29

QUALITY ASSURANCE REPORT

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: IW

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
8120290	Dissolved Calcium (Ca)	2022/07/26	NC	80 - 120	100	80 - 120	<0.05	mg/L				
8120290	Dissolved Magnesium (Mg)	2022/07/26	NC	80 - 120	96	80 - 120	<0.05	mg/L				
8120290	Dissolved Potassium (K)	2022/07/26	95	80 - 120	98	80 - 120	<1	mg/L				
8120290	Dissolved Sodium (Na)	2022/07/26	NC	80 - 120	99	80 - 120	<0.5	mg/L				
8120503	Total Suspended Solids	2022/07/21					<1	mg/L	0	25	95	85 - 115
8120548	Total Dissolved Solids	2022/07/21					<10	mg/L	0.78	25	98	90 - 110
8120634	Dissolved Organic Carbon	2022/07/21	104	80 - 120	99	80 - 120	<0.40	mg/L	13	20		
8120793	Turbidity	2022/07/20			100	85 - 115	<0.1	NTU	10	20		
8121199	Nitrate (N)	2022/07/21	NC	80 - 120	97	80 - 120	<0.10	mg/L	1.3	20		
8121199	Nitrite (N)	2022/07/21	100	80 - 120	106	80 - 120	<0.010	mg/L	1.7	20		
8121422	Alkalinity (Total as CaCO3)	2022/07/21			96	85 - 115	<1.0	mg/L	0.38	20		
8121435	Conductivity	2022/07/21			102	85 - 115	<1.0	umho/cm	0	25		
8121440	Fluoride (F-)	2022/07/21	103	80 - 120	103	80 - 120	<0.10	mg/L	0.96	20		
8121447	pH	2022/07/21			102	98 - 103			0.85	N/A		
8121460	Dissolved Chloride (Cl-)	2022/07/21	106	80 - 120	103	80 - 120	<1.0	mg/L	10	20		
8121464	Orthophosphate (P)	2022/07/21	102	75 - 125	99	80 - 120	<0.010	mg/L	7.7	25		
8122081	Dissolved Mercury (Hg)	2022/07/21	102	75 - 125	101	80 - 120	<0.00001	mg/L	NC	20		
8122096	Mercury (Hg)	2022/07/21	102	75 - 125	103	80 - 120	<0.00001	mg/L	NC	20		
8122348	Total Ammonia-N	2022/07/22	97	75 - 125	101	80 - 120	<0.050	mg/L	0.73	20		
8122450	Total Organic Carbon (TOC)	2022/07/21	89	80 - 120	93	80 - 120	<0.40	mg/L	1.8	20		
8123363	Total Kjeldahl Nitrogen (TKN)	2022/07/22	102	80 - 120	93	80 - 120	<0.10	mg/L	5.6	20	93	80 - 120
8127378	Reactive Silica (SiO2)	2022/07/23	118	80 - 120	103	80 - 120	<0.050	mg/L				
8132221	Strong Acid Dissoc. Cyanide (CN)	2022/07/22	389 (1)	80 - 120	101	80 - 120	<0.00050	mg/L				
8132222	Weak Acid Dissoc. Cyanide (CN)	2022/07/22	437 (1)	80 - 120	101	80 - 120	<0.00050	mg/L				
8132300	Free Cyanide (CN)	2022/07/24	109	N/A	99	80 - 120	<2.0	ug/L	17	20		
8134214	Total Aluminum (Al)	2022/07/24	96	80 - 120	102	80 - 120	<0.50	ug/L				
8134214	Total Antimony (Sb)	2022/07/24	95	80 - 120	99	80 - 120	<0.020	ug/L				
8134214	Total Arsenic (As)	2022/07/24	99	80 - 120	102	80 - 120	<0.020	ug/L				
8134214	Total Barium (Ba)	2022/07/24	93	80 - 120	97	80 - 120	<0.020	ug/L				
8134214	Total Beryllium (Be)	2022/07/24	96	80 - 120	99	80 - 120	<0.010	ug/L				
8134214	Total Bismuth (Bi)	2022/07/24	94	80 - 120	97	80 - 120	<0.0050	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187

Report Date: 2022/08/29

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: IW

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
8134214	Total Boron (B)	2022/07/24	96	80 - 120	99	80 - 120	<10	ug/L				
8134214	Total Cadmium (Cd)	2022/07/24	96	80 - 120	99	80 - 120	<0.0050	ug/L				
8134214	Total Chromium (Cr)	2022/07/24	94	80 - 120	99	80 - 120	<0.10	ug/L				
8134214	Total Copper (Cu)	2022/07/24	92	80 - 120	96	80 - 120	<0.050	ug/L				
8134214	Total Iron (Fe)	2022/07/24	97	80 - 120	104	80 - 120	<1.0	ug/L				
8134214	Total Lead (Pb)	2022/07/24	96	80 - 120	100	80 - 120	<0.0050	ug/L				
8134214	Total Lithium (Li)	2022/07/24	95	80 - 120	96	80 - 120	<0.50	ug/L				
8134214	Total Manganese (Mn)	2022/07/24	95	80 - 120	100	80 - 120	<0.050	ug/L				
8134214	Total Molybdenum (Mo)	2022/07/24	95	80 - 120	101	80 - 120	<0.050	ug/L				
8134214	Total Nickel (Ni)	2022/07/24	93	80 - 120	98	80 - 120	<0.020	ug/L				
8134214	Total Selenium (Se)	2022/07/24	99	80 - 120	103	80 - 120	<0.040	ug/L				
8134214	Total Silver (Ag)	2022/07/24	93	80 - 120	97	80 - 120	<0.0050	ug/L				
8134214	Total Strontium (Sr)	2022/07/24	94	80 - 120	96	80 - 120	<0.050	ug/L				
8134214	Total Thallium (Tl)	2022/07/24	93	80 - 120	98	80 - 120	<0.0020	ug/L				
8134214	Total Tin (Sn)	2022/07/24	94	80 - 120	98	80 - 120	<0.20	ug/L				
8134214	Total Titanium (Ti)	2022/07/24	93	80 - 120	99	80 - 120	<0.50	ug/L				
8134214	Total Uranium (U)	2022/07/24	95	80 - 120	101	80 - 120	<0.0020	ug/L				
8134214	Total Vanadium (V)	2022/07/24	96	80 - 120	101	80 - 120	<0.20	ug/L				
8134214	Total Zinc (Zn)	2022/07/24	102	80 - 120	105	80 - 120	<0.10	ug/L				
8134216	Dissolved Aluminum (Al)	2022/07/23	NC	80 - 120	103	80 - 120	<0.50	ug/L				
8134216	Dissolved Antimony (Sb)	2022/07/23	101	80 - 120	99	80 - 120	<0.020	ug/L				
8134216	Dissolved Arsenic (As)	2022/07/23	103	80 - 120	101	80 - 120	<0.020	ug/L				
8134216	Dissolved Barium (Ba)	2022/07/23	98	80 - 120	98	80 - 120	<0.020	ug/L				
8134216	Dissolved Beryllium (Be)	2022/07/23	100	80 - 120	99	80 - 120	<0.010	ug/L				
8134216	Dissolved Bismuth (Bi)	2022/07/23	98	80 - 120	97	80 - 120	<0.0050	ug/L				
8134216	Dissolved Boron (B)	2022/07/23	99	80 - 120	98	80 - 120	<10	ug/L				
8134216	Dissolved Cadmium (Cd)	2022/07/23	95	80 - 120	98	80 - 120	<0.0050	ug/L				
8134216	Dissolved Chromium (Cr)	2022/07/23	99	80 - 120	99	80 - 120	<0.10	ug/L				
8134216	Dissolved Copper (Cu)	2022/07/23	NC	80 - 120	95	80 - 120	<0.050	ug/L				
8134216	Dissolved Iron (Fe)	2022/07/23	NC	80 - 120	103	80 - 120	<1.0	ug/L				
8134216	Dissolved Lead (Pb)	2022/07/23	98	80 - 120	100	80 - 120	<0.0050	ug/L				
8134216	Dissolved Lithium (Li)	2022/07/23	NC	80 - 120	98	80 - 120	<0.50	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187

Report Date: 2022/08/29

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: IW

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
8134216	Dissolved Manganese (Mn)	2022/07/23	NC	80 - 120	100	80 - 120	<0.050	ug/L				
8134216	Dissolved Molybdenum (Mo)	2022/07/23	104	80 - 120	100	80 - 120	<0.050	ug/L				
8134216	Dissolved Nickel (Ni)	2022/07/23	NC	80 - 120	98	80 - 120	<0.020	ug/L				
8134216	Dissolved Selenium (Se)	2022/07/23	103	80 - 120	99	80 - 120	<0.040	ug/L				
8134216	Dissolved Strontium (Sr)	2022/07/23	NC	80 - 120	98	80 - 120	<0.050	ug/L				
8134216	Dissolved Thallium (Tl)	2022/07/23	99	80 - 120	98	80 - 120	<0.0020	ug/L				
8134216	Dissolved Tin (Sn)	2022/07/23	97	80 - 120	100	80 - 120	<0.20	ug/L				
8134216	Dissolved Titanium (Ti)	2022/07/23	98	80 - 120	102	80 - 120	<0.50	ug/L				
8134216	Dissolved Uranium (U)	2022/07/23	100	80 - 120	101	80 - 120	<0.0020	ug/L				
8134216	Dissolved Vanadium (V)	2022/07/23	101	80 - 120	100	80 - 120	<0.20	ug/L				
8134216	Dissolved Zinc (Zn)	2022/07/23	NC	80 - 120	104	80 - 120	<0.10	ug/L				
8135884	Dissolved Sulphate (SO4)	2022/07/23	83	80 - 120	100	80 - 120	<0.50	mg/L	0.60	20		
8135885	Total Phosphorus (P)	2022/07/27	117	80 - 120	97	80 - 120	<0.0010	mg/L			91	80 - 120
8139186	Redox Potential	2022/08/02			100	95 - 105			1.1	N/A		
8192672	Dissolved Bromide (Br-)	2022/08/26	108	80 - 120	99	80 - 120	<0.010	mg/L	5.8	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.

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.



VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

David Huang, BBY Scientific Specialist

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

Suwan (Sze Yeung) Fock, B.Sc., 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 Signature Page.



BUREAU
VERITAS

Bureau Veritas Job #: C2K2187
Report Date: 2022/08/29

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: IW

**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.						



Project Information: C2K2187
Job Received: 2022/07/19 09:00
Expected TAT: Standard TAT
Expected Arrival: 2022/07/15 15:45
Submitted By: Felix Quessy-Savard
Submitted To: Mississauga, ON (Env. Lab)

Invoice Information

Attn: Accounts Payable
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
invoices.meadowbank@agnicoeagle.com

Report Information

Attn: Reporting
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
meadowbank.environment@agnicoeagle.com
agnico.equis@agnicoeagle.com

Project Information

Quote #: C05143
PO/AFE#: 1121445
Project #:
Site Location: MBK

Analytical Summary

A: Standard TAT

Table with 6 columns: Client Sample ID, Clnt Ref, Sampling Date/Time, Matrix, #Cont, and a vertical label 'Groundwater Monitoring'. It contains two rows of data for samples MW-IPD-09a and MW-IPD-09b.

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Submission Information

of Samples: 2



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Alkalinity (Total as CaCO3)	1	mg/L	All
	Ammonium (NH4)	0.02	mg/L	All
	Dissolved Bromide (Br-)	1	mg/L	All
	Bicarb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Carb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Dissolved Chloride (Cl-)	1	mg/L	All
	Conductivity	1	umho/cm	All
	Free Cyanide (CN)	2	ug/L	All
	Weak Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Strong Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Dissolved Mercury (Hg)	0.00001	mg/L	All
	Dissolved Organic Carbon	0.4	mg/L	All
	Dissolved Aluminum (Al)	0.5	ug/L	All
	Dissolved Antimony (Sb)	0.02	ug/L	All
	Dissolved Arsenic (As)	0.02	ug/L	All
	Dissolved Barium (Ba)	0.02	ug/L	All
	Dissolved Beryllium (Be)	0.01	ug/L	All
	Dissolved Bismuth (Bi)	0.005	ug/L	All
	Dissolved Boron (B)	10	ug/L	All
	Dissolved Cadmium (Cd)	0.005	ug/L	All
	Dissolved Chromium (Cr)	0.1	ug/L	All
	Dissolved Copper (Cu)	0.05	ug/L	All
	Dissolved Iron (Fe)	1	ug/L	All
	Dissolved Lead (Pb)	0.005	ug/L	All
	Dissolved Lithium (Li)	0.5	ug/L	All
	Dissolved Manganese (Mn)	0.05	ug/L	All
	Dissolved Molybdenum (Mo)	0.05	ug/L	All
	Dissolved Nickel (Ni)	0.02	ug/L	All
	Dissolved Selenium (Se)	0.04	ug/L	All
	Dissolved Strontium (Sr)	0.05	ug/L	All
	Dissolved Thallium (Tl)	0.002	ug/L	All
	Dissolved Tin (Sn)	0.2	ug/L	All
	Dissolved Titanium (Ti)	0.5	ug/L	All
	Dissolved Uranium (U)	0.002	ug/L	All
	Dissolved Vanadium (V)	0.2	ug/L	All
	Dissolved Zinc (Zn)	0.1	ug/L	All
	Total Aluminum (Al)	0.5	ug/L	All
	Total Antimony (Sb)	0.02	ug/L	All
	Total Arsenic (As)	0.02	ug/L	All
	Total Barium (Ba)	0.02	ug/L	All
	Total Beryllium (Be)	0.01	ug/L	All
	Total Bismuth (Bi)	0.005	ug/L	All
	Total Boron (B)	10	ug/L	All
Total Cadmium (Cd)	0.005	ug/L	All	



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Chromium (Cr)	0.1	ug/L	All
	Total Copper (Cu)	0.05	ug/L	All
	Total Iron (Fe)	1	ug/L	All
	Total Lead (Pb)	0.005	ug/L	All
	Total Lithium (Li)	0.5	ug/L	All
	Total Manganese (Mn)	0.05	ug/L	All
	Total Molybdenum (Mo)	0.05	ug/L	All
	Total Nickel (Ni)	0.02	ug/L	All
	Total Selenium (Se)	0.04	ug/L	All
	Total Silver (Ag)	0.005	ug/L	All
	Total Strontium (Sr)	0.05	ug/L	All
	Total Thallium (Tl)	0.002	ug/L	All
	Total Tin (Sn)	0.2	ug/L	All
	Total Titanium (Ti)	0.5	ug/L	All
	Total Uranium (U)	0.002	ug/L	All
	Total Vanadium (V)	0.2	ug/L	All
	Total Zinc (Zn)	0.1	ug/L	All
	Field Measured pH	N/A	pH	All
	Field Temperature	N/A	Celsius	All
	Fluoride (F-)	0.1	mg/L	All
	Total Hardness (CaCO3)	0.5	mg/L	All
	Dissolved Calcium (Ca)	0.05	mg/L	All
	Dissolved Magnesium (Mg)	0.05	mg/L	All
	Dissolved Potassium (K)	1	mg/L	All
	Dissolved Sodium (Na)	0.5	mg/L	All
	Dissolved Sulphate (SO4)	0.5	mg/L	All
	Total Suspended Solids	1	mg/L	All
	Mercury (Hg)	0.00001	mg/L	All
	Total Calcium (Ca)	0.01	mg/L	All
	Total Magnesium (Mg)	0.01	mg/L	All
	Total Potassium (K)	0.01	mg/L	All
	Total Sodium (Na)	0.01	mg/L	All
	Nitrite (N)	0.01	mg/L	All
	Nitrate (N)	0.1	mg/L	All
	Nitrate + Nitrite (N)	0.1	mg/L	All
	Orthophosphate (P)	0.01	mg/L	All
	pH	N/A	pH	All
	Reactive Silica (SiO2)	0.05	mg/L	All
	Sodium Adsorption Ratio	N/A	N/A	All
	Total Ammonia (as NH3)	5	mg/L	All
	Total Ammonia-N	0.05	mg/L	All
	Total Dissolved Solids	10	mg/L	All
	Total dissolved solids (calc., EC)	10	mg/L	All
	Total Kjeldahl Nitrogen (TKN)	0.1	mg/L	All



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Organic Carbon (TOC)	0.4	mg/L	All
	Total Phosphorus (P)	0.001	mg/L	All
	Turbidity	0.1	NTU	All
	Un-ionized Ammonia (as N)	0.0001	mg/L	All

**RDLs are subject to change based on interferences present at the time of analysis.*



Cost Estimate

#	Description	Matrix	Quote #	Rate	Test Total
2	Groundwater Monitoring	GROUND WATER	C05143	\$ 500.20	\$ 1,000.40
Total (excluding applicable taxes):					\$ 1,000.40

Prices listed above are estimates only and are subject to change

eCOC: T543684 - Field Data

Project Information: C2K2187
Job Received: 2022/07/19 09:00
Expected TAT: Standard TAT

Field Data		DISSOLVED METALS FIELD FILTERED?	SAMPLER NAME	FIELD PH	FIELD TEMPERATURE (°C)
Client Sample ID	Matrix				
MW-IPD-09a	GRWTR	Yes	IW	9.12	24.60
MW-IPD-09b	GRWTR	Yes	IW	9.12	24.60

19-Jul-22 09:00

Katherine Szozda



C2K2187



MUM

ENV-890

BUREAU VERITAS

RECEIVED IN OTTAWA

Custody Tracking Form

eCOC Number
T543166

Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form has a barcode or a Bureau Veritas eCOC confirmation number in the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By				Received By			
IWade	<i>[Signature]</i>	Date	07/11/14	<i>[Signature]</i>	<i>[Signature]</i>	Date	02/20/19
		Time (24 HR)				Time (24 HR)	09:00
		Date		<i>[Signature]</i>	<i>[Signature]</i>	Date	02/07/20
		Time (24 HR)				Time (24 HR)	08:00
		Date				Date	
		Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at www.bvna.com.

Triage Information

Sampled By (Print) # of Coolers/Pkgs Rush Immediate Test Food Residue

Micro Food Chemistry

***** Laboratory Use Only *****

Received At Labeled By Verified By

Lab Comments:

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
✓	✓	✓	16	16	17
✓	✓	✓	2	2	3

Drinking Water Metals Preservation Check Done (Circle) YES NO

on Ice Pallets

Appendix C-IV Analytical Report No. C2K5909

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-01(d)	MW-IPD-01(d)a	TGB653
	MW-IPD-01(d)b	TGB654
MW-IPD-07	MW-IPD-07b	TGB655
	MW-IPD-07b	TGB656



Your P.O. #: 1121445
 Site#: MBK
 Your C.O.C. #: 544561

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA P0X 0A1

Report Date: 2022/08/30
 Report #: R7276511
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K5909

Received: 2022/07/21, 09:30

Sample Matrix: Ground Water
 # Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	4	N/A	2022/07/25	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	4	N/A	2022/07/26	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	4	N/A	2022/07/25	CAM SOP-00463	SM 23 4500-Cl E m
Conductivity (1)	4	N/A	2022/07/25	CAM SOP-00414	SM 23 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	4	N/A	2022/07/26	CAM SOP-00446	SM 23 5310 B m
Fluoride (1)	4	2022/07/22	2022/07/25	CAM SOP-00449	SM 23 4500-F C m
Dissolved Mercury (low level) (1)	4	2022/07/26	2022/07/26	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	4	2022/07/26	2022/07/26	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	4	2022/07/22	2022/07/27	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	2	N/A	2022/08/26		
Bromide in water by IC (2)	2	N/A	2022/08/27		
Low Level Chloride and Sulphate by AC (2)	4	N/A	2022/07/31	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Cyanide (Free) (2)	4	N/A	2022/08/03	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	4	N/A	2022/08/02	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	4	N/A	2022/08/02	CAL SOP-00270	SM 23 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	4	N/A	2022/07/28	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	4	N/A	2022/07/28	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/07/27	BBY7SOP-00002	EPA 6020B R2 m
Elements by ICPMS Low Level (dissolved) (3)	3	N/A	2022/07/28	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	4	N/A	2022/07/28	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	4	N/A	2022/07/28	BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (2)	4	N/A	2022/07/30	AB SOP-00011	EPA370.1 R1978 m
Total Phosphorus Low Level Total (2)	2	2022/07/30	2022/08/02	AB SOP-00024	SM 23 4500-P A,B,F m
Total Phosphorus Low Level Total (2)	2	2022/07/30	2022/08/03	AB SOP-00024	SM 23 4500-P A,B,F m
Total Ammonia (as NH3) (1)	4	N/A	2022/07/27	Auto Calc.	
Ammonium as NH4+ (1)	4	N/A	2022/07/27		
Total Ammonia-N (1)	4	N/A	2022/07/27	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 6)	4	N/A	2022/07/28	CAM SOP-00440	SM 23 4500-NO3I/NO2B
pH (1)	4	2022/07/22	2022/07/25	CAM SOP-00413	SM 4500H+ B m
Field Measured pH (1, 7)	4	N/A	2022/07/22		Field pH Meter



Your P.O. #: 1121445
 Site#: MBK
 Your C.O.C. #: 544561

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/08/30
 Report #: R7276511
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K5909

Received: 2022/07/21, 09:30

Sample Matrix: Ground Water
 # Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Orthophosphate (1)	4	N/A	2022/07/25	CAM SOP-00461	EPA 365.1 m
Redox Potential (1, 8)	4	2022/07/28	2022/07/29	CAM SOP-00421	SM 2580 B
Sodium Adsorption Ratio (SAR) (1)	4	N/A	2022/07/28	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (Calc. from EC) (1)	4	N/A	2022/07/26		Auto Calc
Total Dissolved Solids (1)	4	2022/07/25	2022/07/26	CAM SOP-00428	SM 23 2540C m
Field Temperature (1, 7)	4	N/A	2022/07/22		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	4	2022/07/26	2022/07/27	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 9)	4	N/A	2022/07/26	CAM SOP-00446	SM 23 5310B m
Low Level Total Suspended Solids (1)	4	2022/07/23	2022/07/25	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	4	N/A	2022/07/23	CAM SOP-00417	SM 23 2130 B m
Un-ionized Ammonia (as N) (1, 10)	4	2022/07/22	2022/07/27	Calculation	Calculation

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.



Your P.O. #: 1121445
Site#: MBK
Your C.O.C. #: 544561

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2022/08/30
Report #: R7276511
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K5909

Received: 2022/07/21, 09:30

- (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) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
- (5) "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).
- (6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (7) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (8) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (9) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (10) Un-ionized ammonia is calculated using the total ammonia result and field data provided by the client for pH and temperature.

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

=====
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 Signature Page.



RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB653			TGB653		
Sampling Date		2022/07/16 14:00			2022/07/16 14:00		
COC Number		544561			544561		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L	0.061	0.061	8125744			
Ammonium (NH4)	mg/L	0.056	0.0086	8125745			
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	100	1.0	8125334			
Carb. Alkalinity (calc. as CaCO3)	mg/L	1.3	1.0	8125334			
Total dissolved solids (calc., EC)	mg/L	223	10	8126016			
Sodium Adsorption Ratio	N/A	1.0		8126007			
CONVENTIONALS							
Redox Potential	mV	220	N/A	8137225			
Field Measurements							
Field Temperature	Celsius	21.43	N/A	ONSITE			
Field Measured pH	pH	8.57		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	0.050	0.050	8131197	<0.050	0.050	8131197
Dissolved Bromide (Br-)	mg/L	0.49	0.010	8192672			
Conductivity	umho/cm	360	1.0	8126553			
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	8145846			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8145847			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8145848			
Total Dissolved Solids	mg/L	170	10	8129321			
Fluoride (F-)	mg/L	0.57	0.10	8126515			
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	8131487	<0.10	0.10	8131487
Dissolved Organic Carbon	mg/L	1.3	0.40	8126035			
Total Organic Carbon (TOC)	mg/L	1.2	0.40	8130766			
Orthophosphate (P)	mg/L	<0.010	0.010	8126474			
pH	pH	8.14		8126536			
Reactive Silica (SiO2)	mg/L	7.2	0.050	8144457			
Total Suspended Solids	mg/L	1	1	8127387			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results. Sample was analyzed after holding time expired.							



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB653			TGB653		
Sampling Date		2022/07/16 14:00			2022/07/16 14:00		
COC Number		544561			544561		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Turbidity	NTU	0.2	0.1	8126383			
Alkalinity (Total as CaCO3)	mg/L	100	1.0	8126549			
Dissolved Chloride (Cl-)	mg/L	45	1.0	8126467			
Nitrite (N)	mg/L	<0.010	0.010	8126508			
Nitrate (N)	mg/L	<0.10	0.10	8126508			
Dissolved Sulphate (SO4)	mg/L	3.7	0.50	8144459			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8126508			
Un-ionized Ammonia (as N)	mg/L	0.007	0.007	8126018			
Metals							
Dissolved Aluminum (Al)	ug/L	4.27	0.50	8139819			
Total Aluminum (Al)	ug/L	8.38	0.50	8144527			
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8139819			
Total Antimony (Sb)	ug/L	<0.020	0.020	8144527			
Dissolved Arsenic (As)	ug/L	29.1	0.020	8139819			
Total Arsenic (As)	ug/L	30.4	0.020	8144527			
Dissolved Barium (Ba)	ug/L	21.7	0.020	8139819			
Total Barium (Ba)	ug/L	22.9	0.020	8144527			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8139819			
Total Beryllium (Be)	ug/L	<0.010	0.010	8144527			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8139819			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8144527			
Dissolved Boron (B)	ug/L	186	10	8139819			
Total Boron (B)	ug/L	199	10	8144527			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8139819			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8144527			
Dissolved Chromium (Cr)	ug/L	0.26	0.10	8139819			
Total Chromium (Cr)	ug/L	0.20	0.10	8144527			
Dissolved Copper (Cu)	ug/L	0.284	0.050	8146174			
Total Copper (Cu)	ug/L	0.112	0.050	8144527			
Dissolved Iron (Fe)	ug/L	88.3	1.0	8139819			
Total Iron (Fe)	ug/L	114	1.0	8144527			
Dissolved Lead (Pb)	ug/L	0.0356	0.0050	8139819			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB653			TGB653		
Sampling Date		2022/07/16 14:00			2022/07/16 14:00		
COC Number		544561			544561		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Total Lead (Pb)	ug/L	0.0548	0.0050	8144527			
Dissolved Lithium (Li)	ug/L	5.72	0.50	8139819			
Total Lithium (Li)	ug/L	5.81	0.50	8144527			
Dissolved Manganese (Mn)	ug/L	37.0	0.050	8139819			
Total Manganese (Mn)	ug/L	39.6	0.050	8144527			
Dissolved Molybdenum (Mo)	ug/L	8.69	0.050	8139819			
Total Molybdenum (Mo)	ug/L	8.95	0.050	8144527			
Dissolved Nickel (Ni)	ug/L	0.378	0.020	8139819			
Total Nickel (Ni)	ug/L	0.481	0.020	8144527			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8139819			
Total Selenium (Se)	ug/L	<0.040	0.040	8144527			
Total Silver (Ag)	ug/L	0.0052	0.0050	8144527			
Dissolved Strontium (Sr)	ug/L	310	0.050	8139819			
Total Strontium (Sr)	ug/L	317	0.050	8144527			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8139819			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8144527			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8139819			
Total Tin (Sn)	ug/L	<0.20	0.20	8144527			
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8139819			
Total Titanium (Ti)	ug/L	<0.50	0.50	8144527			
Dissolved Uranium (U)	ug/L	0.495	0.0020	8139819			
Total Uranium (U)	ug/L	0.520	0.0020	8144527			
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8139819			
Total Vanadium (V)	ug/L	<0.20	0.20	8144527			
Dissolved Zinc (Zn)	ug/L	0.67	0.10	8139819			
Total Zinc (Zn)	ug/L	1.33	0.10	8144527			
Dissolved Calcium (Ca)	mg/L	23.6	0.050	8139818			
Total Calcium (Ca)	mg/L	24.1	0.050	8146175			
Dissolved Magnesium (Mg)	mg/L	13.7	0.050	8139818			
Total Magnesium (Mg)	mg/L	14.6	0.050	8146175			
Dissolved Potassium (K)	mg/L	1.25	0.050	8139818			
Total Potassium (K)	mg/L	1.30	0.050	8146175			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB653			TGB653		
Sampling Date		2022/07/16 14:00			2022/07/16 14:00		
COC Number		544561			544561		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	22.8	0.050	8139818			
Total Sodium (Na)	mg/L	24.4	0.050	8146175			
Nutritional Parameters							
Total Phosphorus (P)	mg/L	<0.0010	0.0010	8145871			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB654			TGB655		TGB656		
Sampling Date		2022/07/16 14:00			2022/07/17 14:00		2022/07/17 14:00		
COC Number		544561			544561		544561		
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-07a	QC Batch	MW-IPD-07b	RDL	QC Batch

Calculated Parameters									
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8125744	0.17	8125744	0.17	0.061	8125744
Ammonium (NH4)	mg/L	<0.0086	0.0086	8125745	0.18	8125745	0.18	0.0011	8125745
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	100	1.0	8125334	100	8125334	100	1.0	8125334
Carb. Alkalinity (calc. as CaCO3)	mg/L	1.3	1.0	8125334	1.8	8125334	1.7	1.0	8125334
Total dissolved solids (calc., EC)	mg/L	223	10	8126016	161	8126016	162	10	8126016
Sodium Adsorption Ratio	N/A	1.0		8126007	NC (1)	8126007	1.2		8126007

CONVENTIONALS									
Redox Potential	mV	230	N/A	8137225	220	8137225	210	N/A	8137225

Field Measurements									
Field Temperature	Celsius	21.43	N/A	ONSITE	18.98	ONSITE	18.98	N/A	ONSITE
Field Measured pH	pH	8.57		ONSITE	7.68	ONSITE	7.68		ONSITE

Inorganics									
Total Ammonia-N	mg/L	<0.050	0.050	8131197	0.14	8131197	0.14	0.050	8131197
Dissolved Bromide (Br-)	mg/L	0.49	0.010	8194920	0.062	8192672	0.11	0.010	8194920
Conductivity	umho/cm	360	1.0	8126553	260	8126553	270	1.0	8126553
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	8145846	2.2 (2)	8145846	3.2 (2)	2.0	8145846
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8145847	<0.00050	8145847	<0.00050	0.00050	8145847
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8145848	<0.00050	8145848	<0.00050	0.00050	8145848
Total Dissolved Solids	mg/L	180	10	8129321	140	8129321	145	10	8129321
Fluoride (F-)	mg/L	0.58	0.10	8126515	1.2	8126515	1.2	0.10	8126515
Total Kjeldahl Nitrogen (TKN)	mg/L	0.10	0.10	8131487	0.21	8130727	0.23	0.10	8131487
Dissolved Organic Carbon	mg/L	1.2	0.40	8126035	2.0	8126035	1.2	0.40	8126035
Total Organic Carbon (TOC)	mg/L	1.2	0.40	8130766	1.4	8130766	1.3	0.40	8130766
Orthophosphate (P)	mg/L	0.012	0.010	8126474	0.025	8126474	0.022	0.010	8126474
pH	pH	8.14		8126536	8.26	8126536	8.24		8126536
Reactive Silica (SiO2)	mg/L	7.2	0.050	8144457	8.7	8143739	8.8	0.050	8145872

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

(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

(2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.
 Sample was analyzed after holding time expired.



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB654			TGB655		TGB656		
Sampling Date		2022/07/16 14:00			2022/07/17 14:00		2022/07/17 14:00		
COC Number		544561			544561		544561		
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-07a	QC Batch	MW-IPD-07b	RDL	QC Batch
Total Suspended Solids	mg/L	<1	1	8127387	1	8127387	1	1	8127387
Turbidity	NTU	<0.1	0.1	8126383	0.6	8126383	1.3	0.1	8126383
Alkalinity (Total as CaCO3)	mg/L	100	1.0	8126549	110	8126549	100	1.0	8126549
Dissolved Chloride (Cl-)	mg/L	45	1.0	8126467	7.1	8126467	7.1	1.0	8126467
Nitrite (N)	mg/L	<0.010	0.010	8126508	<0.010	8126508	<0.010	0.010	8126508
Nitrate (N)	mg/L	<0.10	0.10	8126508	<0.10	8126508	<0.10	0.10	8126508
Dissolved Sulphate (SO4)	mg/L	3.6	0.50	8144459	19	8142254	19	0.50	8142254
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8126508	<0.10	8126508	<0.10	0.10	8126508
Un-ionized Ammonia (as N)	mg/L	<0.007	0.007	8126018	0.0024	8126018	0.0025	0.00086	8126018
Metals									
Dissolved Aluminum (Al)	ug/L	6.69	0.50	8139819	5.12	8139819	24.5	0.50	8139819
Total Aluminum (Al)	ug/L	15.6	0.50	8144527	55.1	8144527	21.5	0.50	8144527
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8139819	<0.020	8139819	0.035	0.020	8139819
Total Antimony (Sb)	ug/L	<0.020	0.020	8144527	0.038	8144527	0.022	0.020	8144527
Dissolved Arsenic (As)	ug/L	29.3	0.020	8139819	4.37	8139819	4.50	0.020	8139819
Total Arsenic (As)	ug/L	30.3	0.020	8144527	4.63	8144527	4.65	0.020	8144527
Dissolved Barium (Ba)	ug/L	21.9	0.020	8139819	12.7	8139819	14.4	0.020	8139819
Total Barium (Ba)	ug/L	23.2	0.020	8144527	13.8	8144527	14.6	0.020	8144527
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8139819	<0.010	8139819	<0.010	0.010	8139819
Total Beryllium (Be)	ug/L	<0.010	0.010	8144527	<0.010	8144527	<0.010	0.010	8144527
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8139819	<0.0050	8139819	<0.0050	0.0050	8139819
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8144527	<0.0050	8144527	<0.0050	0.0050	8144527
Dissolved Boron (B)	ug/L	191	10	8139819	270	8139819	261	10	8139819
Total Boron (B)	ug/L	197	10	8144527	277	8144527	262	10	8144527
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8139819	<0.0050	8139819	<0.0050	0.0050	8139819
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8144527	<0.0050	8144527	<0.0050	0.0050	8144527
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	8139819	0.17	8139819	0.72	0.10	8139819
Total Chromium (Cr)	ug/L	0.53	0.10	8144527	1.76	8144527	0.82	0.10	8144527
Dissolved Copper (Cu)	ug/L	0.132	0.050	8139819	0.089	8139819	0.111	0.050	8139819
Total Copper (Cu)	ug/L	0.150	0.050	8144527	0.489	8144527	0.232	0.050	8144527
Dissolved Iron (Fe)	ug/L	79.5	1.0	8139819	79.5	8139819	123	1.0	8139819
Total Iron (Fe)	ug/L	154	1.0	8144527	292	8144527	231	1.0	8144527
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB654			TGB655		TGB656		
Sampling Date		2022/07/16 14:00			2022/07/17 14:00		2022/07/17 14:00		
COC Number		544561			544561		544561		
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-07a	QC Batch	MW-IPD-07b	RDL	QC Batch
Dissolved Lead (Pb)	ug/L	0.0352	0.0050	8139819	0.0246	8139819	0.105	0.0050	8139819
Total Lead (Pb)	ug/L	0.0470	0.0050	8144527	0.195	8144527	0.121	0.0050	8144527
Dissolved Lithium (Li)	ug/L	5.67	0.50	8139819	6.36	8139819	6.04	0.50	8139819
Total Lithium (Li)	ug/L	5.80	0.50	8144527	6.32	8144527	6.38	0.50	8144527
Dissolved Manganese (Mn)	ug/L	37.6	0.050	8139819	66.3	8139819	68.3	0.050	8139819
Total Manganese (Mn)	ug/L	40.8	0.050	8144527	74.2	8144527	72.9	0.050	8144527
Dissolved Molybdenum (Mo)	ug/L	8.64	0.050	8139819	6.31	8139819	6.66	0.050	8139819
Total Molybdenum (Mo)	ug/L	9.03	0.050	8144527	6.38	8144527	6.45	0.050	8144527
Dissolved Nickel (Ni)	ug/L	0.355	0.020	8139819	0.155	8139819	0.313	0.020	8139819
Total Nickel (Ni)	ug/L	0.507	0.020	8144527	0.580	8144527	0.401	0.020	8144527
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8139819	0.332	8139819	<0.040	0.040	8146174
Total Selenium (Se)	ug/L	<0.040	0.040	8144527	0.924	8144527	0.086	0.040	8144527
Total Silver (Ag)	ug/L	0.0098	0.0050	8144527	<0.0050	8144527	<0.0050	0.0050	8144527
Dissolved Strontium (Sr)	ug/L	311	0.050	8139819	167	8139819	168	0.050	8139819
Total Strontium (Sr)	ug/L	330	0.050	8144527	170	8144527	167	0.050	8144527
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8139819	<0.0020	8139819	<0.0020	0.0020	8139819
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8144527	<0.0020	8144527	<0.0020	0.0020	8144527
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8139819	<0.20	8139819	<0.20	0.20	8139819
Total Tin (Sn)	ug/L	<0.20	0.20	8144527	<0.20	8144527	<0.20	0.20	8144527
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8139819	<0.50	8139819	1.11	0.50	8139819
Total Titanium (Ti)	ug/L	<0.50	0.50	8144527	2.39	8144527	0.71	0.50	8144527
Dissolved Uranium (U)	ug/L	0.492	0.0020	8139819	0.0529	8139819	0.0579	0.0020	8139819
Total Uranium (U)	ug/L	0.531	0.0020	8144527	0.0662	8144527	0.0608	0.0020	8144527
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8139819	<0.20	8139819	<0.20	0.20	8139819
Total Vanadium (V)	ug/L	<0.20	0.20	8144527	<0.20	8144527	<0.20	0.20	8144527
Dissolved Zinc (Zn)	ug/L	1.77	0.10	8146174	0.58	8139819	1.84	0.10	8146174
Total Zinc (Zn)	ug/L	0.73	0.10	8144527	1.83	8144527	1.07	0.10	8144527
Dissolved Calcium (Ca)	mg/L	23.8	0.050	8139818	17.1	8139818	16.6	0.050	8139818
Total Calcium (Ca)	mg/L	24.8	0.050	8146175	17.3	8146175	17.6	0.050	8146175
Dissolved Magnesium (Mg)	mg/L	13.9	0.050	8139818	8.50	8139818	8.65	0.050	8139818
Total Magnesium (Mg)	mg/L	15.0	0.050	8146175	8.98	8146175	9.01	0.050	8146175
Dissolved Potassium (K)	mg/L	1.30	0.050	8139818	2.11	8139818	2.12	0.050	8139818

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGB654			TGB655		TGB656		
Sampling Date		2022/07/16 14:00			2022/07/17 14:00		2022/07/17 14:00		
COC Number		544561			544561		544561		
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-07a	QC Batch	MW-IPD-07b	RDL	QC Batch
Total Potassium (K)	mg/L	1.33	0.050	8146175	2.20	8146175	2.21	0.050	8146175
Dissolved Sodium (Na)	mg/L	23.6	0.050	8139818	24.0	8139818	24.4	0.050	8139818
Total Sodium (Na)	mg/L	25.2	0.050	8146175	25.1	8146175	24.9	0.050	8146175
Nutritional Parameters									
Total Phosphorus (P)	mg/L	<0.0010	0.0010	8145871	0.034	8145871	0.032	0.0010	8145871
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									

Bureau Veritas ID		TGB656		
Sampling Date		2022/07/17 14:00		
COC Number		544561		
	UNITS	MW-IPD-07b Lab-Dup	RDL	QC Batch
Inorganics				
Dissolved Bromide (Br-)	mg/L	0.11	0.010	8194920
Total Dissolved Solids	mg/L	150	10	8129321
Reactive Silica (SiO2)	mg/L	8.7	0.050	8145872
Total Suspended Solids	mg/L	1	1	8127387
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate				



ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)

Bureau Veritas ID		TGB653			TGB653			TGB654		
Sampling Date		2022/07/16 14:00			2022/07/16 14:00			2022/07/16 14:00		
COC Number		544561			544561			544561		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch	MW-IPD-01(d)b	RDL	QC Batch
Calculated Parameters										
Total Hardness (CaCO3)	mg/L	120	0.50	8139807				124	0.50	8139807
Metals										
Dissolved Calcium (Ca)	mg/L	24	0.05	8126385				24	0.05	8126385
Dissolved Magnesium (Mg)	mg/L	14	0.05	8126385				14	0.05	8126385
Mercury (Hg)	mg/L	<0.00001	0.00001	8130303	<0.00001	0.00001	8130303	<0.00001	0.00001	8130303
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8130316	<0.00001	0.00001	8130316	<0.00001	0.00001	8130316
Dissolved Potassium (K)	mg/L	1	1	8126385				1	1	8126385
Dissolved Sodium (Na)	mg/L	26	0.5	8126385				26	0.5	8126385
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										

Bureau Veritas ID		TGB655	TGB656		
Sampling Date		2022/07/17 14:00	2022/07/17 14:00		
COC Number		544561	544561		
	UNITS	MW-IPD-07a	MW-IPD-07b	RDL	QC Batch
Calculated Parameters					
Total Hardness (CaCO3)	mg/L	80.3	81.0	0.50	8139807
Metals					
Dissolved Calcium (Ca)	mg/L	<0.05	18	0.05	8126385
Dissolved Magnesium (Mg)	mg/L	<0.05	8.7	0.05	8126385
Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	8130303
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	8130316
Dissolved Potassium (K)	mg/L	<1	2	1	8126385
Dissolved Sodium (Na)	mg/L	<0.5	26	0.5	8126385
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

TEST SUMMARY

Bureau Veritas ID: TGB653
Sample ID: MW-IPD-01(d)a
Matrix: Ground Water

Collected: 2022/07/16
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8126549	N/A	2022/07/25	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8125334	N/A	2022/07/26	Automated Statchk
Chloride by Automated Colourimetry	KONE	8126467	N/A	2022/07/25	Alina Dobreanu
Conductivity	AT	8126553	N/A	2022/07/25	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8126035	N/A	2022/07/26	Nimarta Singh
Fluoride	ISE	8126515	2022/07/22	2022/07/25	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8130316	2022/07/26	2022/07/26	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8130303	2022/07/26	2022/07/26	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8126385	2022/07/22	2022/07/27	Suban Kanapathipplai
Bromide in water by IC	IC/UV	8192672	N/A	2022/08/26	Kanwardeep Brar
Low Level Chloride and Sulphate by AC	KONE	8144459	N/A	2022/07/31	Adam Fishleigh
Cyanide (Free)	SPEC	8145846	N/A	2022/08/03	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8145847	N/A	2022/08/02	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8145848	N/A	2022/08/02	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8139807	N/A	2022/07/28	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8139818	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8139819	N/A	2022/07/27	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8146175	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8144527	N/A	2022/07/28	Andrew An
Silica (Reactive)	KONE	8144457	N/A	2022/07/30	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8145871	2022/07/30	2022/08/03	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8125744	N/A	2022/07/27	Automated Statchk
Ammonium as NH4+	CALC/NH3	8125745	N/A	2022/07/27	Automated Statchk
Total Ammonia-N	LACH/NH4	8131197	N/A	2022/07/27	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8126508	N/A	2022/07/28	Amanpreet Sappal
pH	AT	8126536	2022/07/22	2022/07/25	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Orthophosphate	KONE	8126474	N/A	2022/07/25	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8126007	N/A	2022/07/28	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8126016	N/A	2022/07/26	Automated Statchk
Total Dissolved Solids	BAL	8129321	2022/07/25	2022/07/26	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Total Kjeldahl Nitrogen in Water	SKAL	8131487	2022/07/26	2022/07/27	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8130766	N/A	2022/07/26	Nimarta Singh
Low Level Total Suspended Solids	BAL	8127387	2022/07/23	2022/07/25	Masood Siddiqui
Turbidity	AT	8126383	N/A	2022/07/23	Neil Dassanayake
Un-ionized Ammonia (as N)	CALC	8126018	2022/07/27	2022/07/27	Automated Statchk

Bureau Veritas ID: TGB653 Dup
Sample ID: MW-IPD-01(d)a
Matrix: Ground Water

Collected: 2022/07/16
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Mercury (low level)	CV/AA	8130316	2022/07/26	2022/07/26	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8130303	2022/07/26	2022/07/26	Thuy Linh Nguyen



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

TEST SUMMARY

Bureau Veritas ID: TGB653 Dup
Sample ID: MW-IPD-01(d)a
Matrix: Ground Water

Collected: 2022/07/16
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Ammonia-N	LACH/NH4	8131197	N/A	2022/07/27	Raiq Kashif
Total Kjeldahl Nitrogen in Water	SKAL	8131487	2022/07/26	2022/07/27	Massarat Jan

Bureau Veritas ID: TGB654
Sample ID: MW-IPD-01(d)b
Matrix: Ground Water

Collected: 2022/07/16
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8126549	N/A	2022/07/25	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8125334	N/A	2022/07/26	Automated Statchk
Chloride by Automated Colourimetry	KONE	8126467	N/A	2022/07/25	Alina Dobreanu
Conductivity	AT	8126553	N/A	2022/07/25	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8126035	N/A	2022/07/26	Nimarta Singh
Fluoride	ISE	8126515	2022/07/22	2022/07/25	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8130316	2022/07/26	2022/07/26	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8130303	2022/07/26	2022/07/26	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8126385	2022/07/22	2022/07/27	Suban Kanapathipplai
Bromide in water by IC	IC/UV	8194920	N/A	2022/08/27	Kanwardeep Brar
Low Level Chloride and Sulphate by AC	KONE	8144459	N/A	2022/07/31	Adam Fishleigh
Cyanide (Free)	SPEC	8145846	N/A	2022/08/03	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8145847	N/A	2022/08/02	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8145848	N/A	2022/08/02	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8139807	N/A	2022/07/28	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8139818	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8139819	N/A	2022/07/28	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8146175	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8144527	N/A	2022/07/28	Andrew An
Silica (Reactive)	KONE	8144457	N/A	2022/07/30	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8145871	2022/07/30	2022/08/03	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8125744	N/A	2022/07/27	Automated Statchk
Ammonium as NH4+	CALC/NH3	8125745	N/A	2022/07/27	Automated Statchk
Total Ammonia-N	LACH/NH4	8131197	N/A	2022/07/27	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8126508	N/A	2022/07/28	Amanpreet Sappal
pH	AT	8126536	2022/07/22	2022/07/25	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Orthophosphate	KONE	8126474	N/A	2022/07/25	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8126007	N/A	2022/07/28	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8126016	N/A	2022/07/26	Automated Statchk
Total Dissolved Solids	BAL	8129321	2022/07/25	2022/07/26	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Total Kjeldahl Nitrogen in Water	SKAL	8131487	2022/07/26	2022/07/27	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8130766	N/A	2022/07/26	Nimarta Singh
Low Level Total Suspended Solids	BAL	8127387	2022/07/23	2022/07/25	Masood Siddiqui
Turbidity	AT	8126383	N/A	2022/07/23	Neil Dassanayake
Un-ionized Ammonia (as N)	CALC	8126018	2022/07/27	2022/07/27	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

TEST SUMMARY

Bureau Veritas ID: TGB655
Sample ID: MW-IPD-07a
Matrix: Ground Water

Collected: 2022/07/17
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8126549	N/A	2022/07/25	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8125334	N/A	2022/07/26	Automated Statchk
Chloride by Automated Colourimetry	KONE	8126467	N/A	2022/07/25	Alina Dobreanu
Conductivity	AT	8126553	N/A	2022/07/25	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8126035	N/A	2022/07/26	Nimarta Singh
Fluoride	ISE	8126515	2022/07/22	2022/07/25	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8130316	2022/07/26	2022/07/26	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8130303	2022/07/26	2022/07/26	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8126385	2022/07/22	2022/07/27	Suban Kanapathipplai
Bromide in water by IC	IC/UV	8192672	N/A	2022/08/26	Kanwardeep Brar
Low Level Chloride and Sulphate by AC	KONE	8142254	N/A	2022/07/31	Adam Fishleigh
Cyanide (Free)	SPEC	8145846	N/A	2022/08/03	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8145847	N/A	2022/08/02	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8145848	N/A	2022/08/02	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8139807	N/A	2022/07/28	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8139818	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8139819	N/A	2022/07/28	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8146175	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8144527	N/A	2022/07/28	Andrew An
Silica (Reactive)	KONE	8143739	N/A	2022/07/30	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8145871	2022/07/30	2022/08/02	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8125744	N/A	2022/07/27	Automated Statchk
Ammonium as NH4+	CALC/NH3	8125745	N/A	2022/07/27	Automated Statchk
Total Ammonia-N	LACH/NH4	8131197	N/A	2022/07/27	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8126508	N/A	2022/07/28	Amanpreet Sappal
pH	AT	8126536	2022/07/22	2022/07/25	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Orthophosphate	KONE	8126474	N/A	2022/07/25	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8126007	N/A	2022/07/28	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8126016	N/A	2022/07/26	Automated Statchk
Total Dissolved Solids	BAL	8129321	2022/07/25	2022/07/26	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Total Kjeldahl Nitrogen in Water	SKAL	8130727	2022/07/26	2022/07/27	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8130766	N/A	2022/07/26	Nimarta Singh
Low Level Total Suspended Solids	BAL	8127387	2022/07/23	2022/07/25	Masood Siddiqui
Turbidity	AT	8126383	N/A	2022/07/23	Neil Dassanayake
Un-ionized Ammonia (as N)	CALC	8126018	2022/07/27	2022/07/27	Automated Statchk

Bureau Veritas ID: TGB656
Sample ID: MW-IPD-07b
Matrix: Ground Water

Collected: 2022/07/17
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8126549	N/A	2022/07/25	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8125334	N/A	2022/07/26	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

TEST SUMMARY

Bureau Veritas ID: TGB656
Sample ID: MW-IPD-07b
Matrix: Ground Water

Collected: 2022/07/17
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	8126467	N/A	2022/07/25	Alina Dobreanu
Conductivity	AT	8126553	N/A	2022/07/25	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8126035	N/A	2022/07/26	Nimarta Singh
Fluoride	ISE	8126515	2022/07/22	2022/07/25	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8130316	2022/07/26	2022/07/26	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8130303	2022/07/26	2022/07/26	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8126385	2022/07/22	2022/07/27	Suban Kanapathipillai
Bromide in water by IC	IC/UV	8194920	N/A	2022/08/27	Kanwardeep Brar
Low Level Chloride and Sulphate by AC	KONE	8142254	N/A	2022/07/31	Adam Fishleigh
Cyanide (Free)	SPEC	8145846	N/A	2022/08/03	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8145847	N/A	2022/08/02	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8145848	N/A	2022/08/02	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8139807	N/A	2022/07/28	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8139818	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8139819	N/A	2022/07/28	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8146175	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8144527	N/A	2022/07/28	Andrew An
Silica (Reactive)	KONE	8145872	N/A	2022/07/30	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8145871	2022/07/30	2022/08/02	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8125744	N/A	2022/07/27	Automated Statchk
Ammonium as NH4+	CALC/NH3	8125745	N/A	2022/07/27	Automated Statchk
Total Ammonia-N	LACH/NH4	8131197	N/A	2022/07/27	Raiq Kashif
Nitrate & Nitrite as Nitrogen in Water	LACH	8126508	N/A	2022/07/28	Amanpreet Sappal
pH	AT	8126536	2022/07/22	2022/07/25	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Orthophosphate	KONE	8126474	N/A	2022/07/25	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8126007	N/A	2022/07/28	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8126016	N/A	2022/07/26	Automated Statchk
Total Dissolved Solids	BAL	8129321	2022/07/25	2022/07/26	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Total Kjeldahl Nitrogen in Water	SKAL	8131487	2022/07/26	2022/07/27	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8130766	N/A	2022/07/26	Nimarta Singh
Low Level Total Suspended Solids	BAL	8127387	2022/07/23	2022/07/25	Masood Siddiqui
Turbidity	AT	8126383	N/A	2022/07/23	Neil Dassanayake
Un-ionized Ammonia (as N)	CALC	8126018	2022/07/27	2022/07/27	Automated Statchk

Bureau Veritas ID: TGB656 Dup
Sample ID: MW-IPD-07b
Matrix: Ground Water

Collected: 2022/07/17
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Bromide in water by IC	IC/UV	8194920	N/A	2022/08/27	Kanwardeep Brar
Silica (Reactive)	KONE	8145872	N/A	2022/07/30	Fadia Mostafa
Total Dissolved Solids	BAL	8129321	2022/07/25	2022/07/26	Shaneil Hall
Low Level Total Suspended Solids	BAL	8127387	2022/07/23	2022/07/25	Masood Siddiqui



GENERAL COMMENTS

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

Package 1	21.0°C
Package 2	19.7°C
Package 3	22.7°C
Package 4	21.0°C
Package 5	21.7°C
Package 6	21.7°C
Package 7	19.0°C
Package 8	17.3°C
Package 9	20.7°C
Package 10	19.7°C
Package 11	21.7°C
Package 12	21.7°C
Package 13	19.0°C
Package 14	20.7°C
Package 15	20.0°C
Package 16	16.3°C

Revised Report (2022/08/30): Low level Bromide analysis added past holding time per client request

Sample TGB653 [MW-IPD-01(d)a] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Bromide by IC.

Sample TGB654 [MW-IPD-01(d)b] : Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Bromide by IC.

Sample TGB655 [MW-IPD-07a] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Bromide by IC.

Sample TGB656 [MW-IPD-07b] : Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable). Sample was analyzed past method specified hold time for Cyanide (Free). Sample was analyzed past method specified hold time for Bromide by IC.

Sample TGB653, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TGB654, Elements by ICPMS Low Level (dissolved): Test repeated.



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

Sample TGB656, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909

Report Date: 2022/08/30

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: 1121445

Sampler Initials: F.Q

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
8126035	Dissolved Organic Carbon	2022/07/26	95	80 - 120	100	80 - 120	<0.40	mg/L	3.7	20		
8126383	Turbidity	2022/07/22			97	85 - 115	<0.1	NTU	0.59	20		
8126385	Dissolved Calcium (Ca)	2022/07/27	NC	80 - 120	97	80 - 120	<0.05	mg/L	0.13	25		
8126385	Dissolved Magnesium (Mg)	2022/07/27	NC	80 - 120	95	80 - 120	<0.05	mg/L	0.23	25		
8126385	Dissolved Potassium (K)	2022/07/27	NC	80 - 120	98	80 - 120	<1	mg/L	0.12	25		
8126385	Dissolved Sodium (Na)	2022/07/27	NC	80 - 120	99	80 - 120	<0.5	mg/L	2.2	25		
8126467	Dissolved Chloride (Cl-)	2022/07/25	107	80 - 120	105	80 - 120	<1.0	mg/L	0.96	20		
8126474	Orthophosphate (P)	2022/07/25	155 (1)	75 - 125	100	80 - 120	<0.010	mg/L	0.53	25		
8126508	Nitrate (N)	2022/07/28	91	80 - 120	93	80 - 120	<0.10	mg/L	NC	20		
8126508	Nitrite (N)	2022/07/28	105	80 - 120	106	80 - 120	<0.010	mg/L	NC	20		
8126515	Fluoride (F-)	2022/07/25	102	80 - 120	106	80 - 120	<0.10	mg/L	NC	20		
8126536	pH	2022/07/25			102	98 - 103			1.0	N/A		
8126549	Alkalinity (Total as CaCO3)	2022/07/25			96	85 - 115	<1.0	mg/L	1.1	20		
8126553	Conductivity	2022/07/25			101	85 - 115	<1.0	umho/cm	0.12	25		
8127387	Total Suspended Solids	2022/07/25					<1	mg/L	0	25	99	85 - 115
8129321	Total Dissolved Solids	2022/07/26					<10	mg/L	3.4	25	95	90 - 110
8130303	Mercury (Hg)	2022/07/26	104	75 - 125	104	80 - 120	<0.00001	mg/L	NC	20		
8130316	Dissolved Mercury (Hg)	2022/07/26	100	75 - 125	102	80 - 120	<0.00001	mg/L	NC	20		
8130727	Total Kjeldahl Nitrogen (TKN)	2022/07/27	98	80 - 120	100	80 - 120	<0.10	mg/L	NC	20	99	80 - 120
8130766	Total Organic Carbon (TOC)	2022/07/26	97	80 - 120	99	80 - 120	<0.40	mg/L	0.76	20		
8131197	Total Ammonia-N	2022/07/27	99	75 - 125	100	80 - 120	<0.050	mg/L	0.74	20		
8131487	Total Kjeldahl Nitrogen (TKN)	2022/07/27	101	80 - 120	99	80 - 120	<0.10	mg/L	NC	20	100	80 - 120
8137225	Redox Potential	2022/07/29			100	95 - 105			1.3	N/A		
8139819	Dissolved Aluminum (Al)	2022/07/27	94	80 - 120	100	80 - 120	<0.50	ug/L	3.1	20		
8139819	Dissolved Antimony (Sb)	2022/07/27	93	80 - 120	97	80 - 120	<0.020	ug/L	5.5	20		
8139819	Dissolved Arsenic (As)	2022/07/27	97	80 - 120	99	80 - 120	<0.020	ug/L	3.7	20		
8139819	Dissolved Barium (Ba)	2022/07/27	90	80 - 120	95	80 - 120	<0.020	ug/L	3.1	20		
8139819	Dissolved Beryllium (Be)	2022/07/27	98	80 - 120	100	80 - 120	<0.010	ug/L	NC	20		
8139819	Dissolved Bismuth (Bi)	2022/07/27	94	80 - 120	94	80 - 120	<0.0050	ug/L	NC	20		
8139819	Dissolved Boron (B)	2022/07/27	101	80 - 120	96	80 - 120	<10	ug/L	NC	20		
8139819	Dissolved Cadmium (Cd)	2022/07/27	94	80 - 120	96	80 - 120	<0.0050	ug/L	NC	20		



BUREAU VERITAS

Bureau Veritas Job #: C2K5909

Report Date: 2022/08/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1121445

Sampler Initials: F.Q

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
8139819	Dissolved Chromium (Cr)	2022/07/27	91	80 - 120	95	80 - 120	<0.10	ug/L	NC	20		
8139819	Dissolved Copper (Cu)	2022/07/27	89	80 - 120	94	80 - 120	<0.050	ug/L	1.9	20		
8139819	Dissolved Iron (Fe)	2022/07/27	95	80 - 120	96	80 - 120	<1.0	ug/L	3.9	20		
8139819	Dissolved Lead (Pb)	2022/07/27	97	80 - 120	97	80 - 120	<0.0050	ug/L	NC	20		
8139819	Dissolved Lithium (Li)	2022/07/27	97	80 - 120	99	80 - 120	<0.50	ug/L	NC	20		
8139819	Dissolved Manganese (Mn)	2022/07/27	91	80 - 120	96	80 - 120	<0.050	ug/L	3.6	20		
8139819	Dissolved Molybdenum (Mo)	2022/07/27	NC	80 - 120	96	80 - 120	<0.050	ug/L	4.4	20		
8139819	Dissolved Nickel (Ni)	2022/07/27	89	80 - 120	93	80 - 120	<0.020	ug/L	2.1	20		
8139819	Dissolved Selenium (Se)	2022/07/27	94	80 - 120	95	80 - 120	<0.040	ug/L	2.2	20		
8139819	Dissolved Strontium (Sr)	2022/07/27	NC	80 - 120	97	80 - 120	<0.050	ug/L	3.5	20		
8139819	Dissolved Thallium (Tl)	2022/07/27	96	80 - 120	96	80 - 120	<0.0020	ug/L	1.5	20		
8139819	Dissolved Tin (Sn)	2022/07/27	95	80 - 120	94	80 - 120	<0.20	ug/L	NC	20		
8139819	Dissolved Titanium (Ti)	2022/07/27	90	80 - 120	94	80 - 120	<0.50	ug/L	NC	20		
8139819	Dissolved Uranium (U)	2022/07/27	97	80 - 120	97	80 - 120	<0.0020	ug/L	2.1	20		
8139819	Dissolved Vanadium (V)	2022/07/27	92	80 - 120	96	80 - 120	<0.20	ug/L	NC	20		
8139819	Dissolved Zinc (Zn)	2022/07/27	90	80 - 120	103	80 - 120	<0.10	ug/L	1.0	20		
8142254	Dissolved Sulphate (SO4)	2022/07/31	NC	80 - 120	108	80 - 120	<0.50	mg/L	1.5	20		
8143739	Reactive Silica (SiO2)	2022/07/30	112	80 - 120	104	80 - 120	<0.050	mg/L				
8144457	Reactive Silica (SiO2)	2022/07/30	125 (1)	80 - 120	103	80 - 120	<0.050	mg/L	2.8	20		
8144459	Dissolved Sulphate (SO4)	2022/07/31	102	80 - 120	105	80 - 120	<0.50	mg/L	NC	20		
8144527	Total Aluminum (Al)	2022/07/28	101	80 - 120	98	80 - 120	<0.50	ug/L				
8144527	Total Antimony (Sb)	2022/07/28	101	80 - 120	99	80 - 120	<0.020	ug/L				
8144527	Total Arsenic (As)	2022/07/28	101	80 - 120	99	80 - 120	<0.020	ug/L				
8144527	Total Barium (Ba)	2022/07/28	99	80 - 120	96	80 - 120	<0.020	ug/L				
8144527	Total Beryllium (Be)	2022/07/28	101	80 - 120	102	80 - 120	<0.010	ug/L				
8144527	Total Bismuth (Bi)	2022/07/28	97	80 - 120	96	80 - 120	<0.0050	ug/L				
8144527	Total Boron (B)	2022/07/28	106	80 - 120	97	80 - 120	<10	ug/L				
8144527	Total Cadmium (Cd)	2022/07/28	97	80 - 120	97	80 - 120	<0.0050	ug/L				
8144527	Total Chromium (Cr)	2022/07/28	99	80 - 120	95	80 - 120	<0.10	ug/L				
8144527	Total Copper (Cu)	2022/07/28	96	80 - 120	94	80 - 120	<0.050	ug/L				
8144527	Total Iron (Fe)	2022/07/28	100	80 - 120	95	80 - 120	<1.0	ug/L				
8144527	Total Lead (Pb)	2022/07/28	99	80 - 120	98	80 - 120	<0.0050	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909

Report Date: 2022/08/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1121445

Sampler Initials: F.Q

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
8144527	Total Lithium (Li)	2022/07/28	99	80 - 120	101	80 - 120	<0.50	ug/L				
8144527	Total Manganese (Mn)	2022/07/28	NC	80 - 120	95	80 - 120	<0.050	ug/L				
8144527	Total Molybdenum (Mo)	2022/07/28	NC	80 - 120	97	80 - 120	<0.050	ug/L				
8144527	Total Nickel (Ni)	2022/07/28	96	80 - 120	93	80 - 120	<0.020	ug/L				
8144527	Total Selenium (Se)	2022/07/28	92	80 - 120	96	80 - 120	<0.040	ug/L				
8144527	Total Silver (Ag)	2022/07/28	94	80 - 120	93	80 - 120	<0.0050	ug/L				
8144527	Total Strontium (Sr)	2022/07/28	NC	80 - 120	97	80 - 120	<0.050	ug/L				
8144527	Total Thallium (Tl)	2022/07/28	99	80 - 120	96	80 - 120	<0.0020	ug/L				
8144527	Total Tin (Sn)	2022/07/28	101	80 - 120	98	80 - 120	<0.20	ug/L				
8144527	Total Titanium (Ti)	2022/07/28	102	80 - 120	94	80 - 120	<0.50	ug/L				
8144527	Total Uranium (U)	2022/07/28	104	80 - 120	96	80 - 120	<0.0020	ug/L				
8144527	Total Vanadium (V)	2022/07/28	101	80 - 120	95	80 - 120	<0.20	ug/L				
8144527	Total Zinc (Zn)	2022/07/28	98	80 - 120	102	80 - 120	<0.10	ug/L				
8145846	Free Cyanide (CN)	2022/08/03	89	80 - 120	92	80 - 120	<2.0	ug/L				
8145847	Strong Acid Dissoc. Cyanide (CN)	2022/08/02	93	80 - 120	102	80 - 120	<0.00050	mg/L				
8145848	Weak Acid Dissoc. Cyanide (CN)	2022/08/02	103	80 - 120	99	80 - 120	<0.00050	mg/L				
8145871	Total Phosphorus (P)	2022/08/02	120	80 - 120	100	80 - 120	<0.0010	mg/L			95	80 - 120
8145872	Reactive Silica (SiO2)	2022/07/30	NC	80 - 120	105	80 - 120	<0.050	mg/L	0.74	20		
8146174	Dissolved Copper (Cu)	2022/08/03			102	80 - 120	<0.050	ug/L				
8146174	Dissolved Selenium (Se)	2022/08/03			107	80 - 120	<0.040	ug/L				
8146174	Dissolved Zinc (Zn)	2022/08/03			108	80 - 120	<0.10	ug/L				
8192672	Dissolved Bromide (Br-)	2022/08/26	108	80 - 120	99	80 - 120	<0.010	mg/L	5.8	20		



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909

Report Date: 2022/08/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1121445

Sampler Initials: F.Q

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
8194920	Dissolved Bromide (Br-)	2022/08/27	103	80 - 120	106	80 - 120	<0.010	mg/L	4.1	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.

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.



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

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

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 Signature Page.



BUREAU
VERITAS

Bureau Veritas Job #: C2K5909
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: F.Q

**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.						



Project Information: C2K5909
Job Received: 2022/07/21 09:30
Expected TAT: Standard TAT
Expected Arrival: 2022/07/19 13:00
Submitted By: Felix Quessy-Savard
Submitted To: Mississauga, ON (Env. Lab)

Invoice Information

Attn: Accounts Payable
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
invoices.meadowbank@agnicoeagle.com

Report Information

Attn: Reporting
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
meadowbank.environment@agnicoeagle.com
agnico.equis@agnicoeagle.com

Project Information

Quote #: C05143
PO/AFE#: 1121445
Project #:
Site Location:
Site #: MBK

Analytical Summary

A: Standard TAT

Table with 6 columns: Client Sample ID, Clnt Ref, Sampling Date/Time, Matrix, #Cont, and a vertical label 'Groundwater Monitoring'. It contains 4 rows of sample data.

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Submission Information

of Samples: 4



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Alkalinity (Total as CaCO3)	1	mg/L	All
	Ammonium (NH4)	0.02	mg/L	All
	Dissolved Bromide (Br-)	1	mg/L	All
	Bicarb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Carb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Dissolved Chloride (Cl-)	1	mg/L	All
	Conductivity	1	umho/cm	All
	Free Cyanide (CN)	2	ug/L	All
	Weak Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Strong Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Dissolved Mercury (Hg)	0.00001	mg/L	All
	Dissolved Organic Carbon	0.4	mg/L	All
	Dissolved Aluminum (Al)	0.5	ug/L	All
	Dissolved Antimony (Sb)	0.02	ug/L	All
	Dissolved Arsenic (As)	0.02	ug/L	All
	Dissolved Barium (Ba)	0.02	ug/L	All
	Dissolved Beryllium (Be)	0.01	ug/L	All
	Dissolved Bismuth (Bi)	0.005	ug/L	All
	Dissolved Boron (B)	10	ug/L	All
	Dissolved Cadmium (Cd)	0.005	ug/L	All
	Dissolved Chromium (Cr)	0.1	ug/L	All
	Dissolved Copper (Cu)	0.05	ug/L	All
	Dissolved Iron (Fe)	1	ug/L	All
	Dissolved Lead (Pb)	0.005	ug/L	All
	Dissolved Lithium (Li)	0.5	ug/L	All
	Dissolved Manganese (Mn)	0.05	ug/L	All
	Dissolved Molybdenum (Mo)	0.05	ug/L	All
	Dissolved Nickel (Ni)	0.02	ug/L	All
	Dissolved Selenium (Se)	0.04	ug/L	All
	Dissolved Strontium (Sr)	0.05	ug/L	All
	Dissolved Thallium (Tl)	0.002	ug/L	All
	Dissolved Tin (Sn)	0.2	ug/L	All
	Dissolved Titanium (Ti)	0.5	ug/L	All
	Dissolved Uranium (U)	0.002	ug/L	All
	Dissolved Vanadium (V)	0.2	ug/L	All
	Dissolved Zinc (Zn)	0.1	ug/L	All
	Total Aluminum (Al)	0.5	ug/L	All
	Total Antimony (Sb)	0.02	ug/L	All
	Total Arsenic (As)	0.02	ug/L	All
	Total Barium (Ba)	0.02	ug/L	All
	Total Beryllium (Be)	0.01	ug/L	All
	Total Bismuth (Bi)	0.005	ug/L	All
Total Boron (B)	10	ug/L	All	
Total Cadmium (Cd)	0.005	ug/L	All	



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Chromium (Cr)	0.1	ug/L	All
	Total Copper (Cu)	0.05	ug/L	All
	Total Iron (Fe)	1	ug/L	All
	Total Lead (Pb)	0.005	ug/L	All
	Total Lithium (Li)	0.5	ug/L	All
	Total Manganese (Mn)	0.05	ug/L	All
	Total Molybdenum (Mo)	0.05	ug/L	All
	Total Nickel (Ni)	0.02	ug/L	All
	Total Selenium (Se)	0.04	ug/L	All
	Total Silver (Ag)	0.005	ug/L	All
	Total Strontium (Sr)	0.05	ug/L	All
	Total Thallium (Tl)	0.002	ug/L	All
	Total Tin (Sn)	0.2	ug/L	All
	Total Titanium (Ti)	0.5	ug/L	All
	Total Uranium (U)	0.002	ug/L	All
	Total Vanadium (V)	0.2	ug/L	All
	Total Zinc (Zn)	0.1	ug/L	All
	Field Measured pH	N/A	pH	All
	Field Temperature	N/A	Celsius	All
	Fluoride (F-)	0.1	mg/L	All
	Total Hardness (CaCO3)	0.5	mg/L	All
	Dissolved Calcium (Ca)	0.05	mg/L	All
	Dissolved Magnesium (Mg)	0.05	mg/L	All
	Dissolved Potassium (K)	1	mg/L	All
	Dissolved Sodium (Na)	0.5	mg/L	All
	Dissolved Sulphate (SO4)	0.5	mg/L	All
	Total Suspended Solids	1	mg/L	All
	Mercury (Hg)	0.00001	mg/L	All
	Total Calcium (Ca)	0.01	mg/L	All
	Total Magnesium (Mg)	0.01	mg/L	All
	Total Potassium (K)	0.01	mg/L	All
	Total Sodium (Na)	0.01	mg/L	All
	Nitrite (N)	0.01	mg/L	All
	Nitrate (N)	0.1	mg/L	All
	Nitrate + Nitrite (N)	0.1	mg/L	All
	Orthophosphate (P)	0.01	mg/L	All
	pH	N/A	pH	All
	Reactive Silica (SiO2)	0.05	mg/L	All
	Sodium Adsorption Ratio	N/A	N/A	All
	Total Ammonia (as NH3)	5	mg/L	All
	Total Ammonia-N	0.05	mg/L	All
	Total Dissolved Solids	10	mg/L	All
Total dissolved solids (calc., EC)	10	mg/L	All	
Total Kjeldahl Nitrogen (TKN)	0.1	mg/L	All	



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Organic Carbon (TOC)	0.4	mg/L	All
	Total Phosphorus (P)	0.001	mg/L	All
	Turbidity	0.1	NTU	All
	Un-ionized Ammonia (as N)	0.0001	mg/L	All

**RDLs are subject to change based on interferences present at the time of analysis.*



Cost Estimate

#	Description	Matrix	Quote #	Rate	Test Total
4	Groundwater Monitoring	GROUND WATER	C05143	\$ 500.20	\$ 2,000.80
				Total (excluding applicable taxes):	\$ 2,000.80

Prices listed above are estimates only and are subject to change

eCOC: T544561 - Field Data

Project Information: C2K5909
Job Received: 2022/07/21 09:30
Expected TAT: Standard TAT

Field Data		FIELD PH	FIELD TEMPERATURE (°C)	SAMPLER NAME	SAMPLER INITIALS	DISSOLVED METALS FIELD FILTERED?
Client Sample ID	Matrix					
MW-IPD-01(d)a	GRWTR	8.57	21.43	IW	IW	Yes
MW-IPD-01(d)b	GRWTR	8.57	21.43	IW	IW	Yes
MW-IPD-07a	GRWTR	7.68	18.98	IW	IW	Yes
MW-IPD-07b	GRWTR	7.68	18.98	IW	IW	Yes

21-Jul-22 09:30
 Katherine Szozda

C2K5909
 SPI ENV-1700


Custody Tracking Form

eCOC Number
T544561

This form is utilized for eCOC custody tracking when unable to print the document directly from the portal. Please ensure that you add the **eCOC Number to the box** on the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By			Received By			
Jean-Francois Dufour	Date	2022/07/18	Ivan Jang	by	Date	2022/07/21
	Time (24 HR)				Time (24 HR)	09:30
	Date		VI TRINH	~	Date	2022/07/22
	Time (24 HR)				Time (24 HR)	0800
	Date				Date	
	Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>

Triage Information

Sampled By (Print) # of Coolers/Pkgs
 Rush Immediate Test Food Residue
 Micro Food Chemistry

***** Laboratory Use Only *****

Received At Lab Comments:
 Labeled By
 Verified By

Custody Seal		Cooling Media Present (Y/N)	Temperature °C		
Present (Y/N)	Intact (Y/N)		1	2	3
			ACTR		

Appendix C-V Analytical Report No. C2K6108

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-09	MW-IPD-09d	TGC613



Your P.O. #: 1121445
 Site#: MBK
 Your C.O.C. #: 545320

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/08/30
 Report #: R7276494
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K6108

Received: 2022/07/21, 09:30

Sample Matrix: Ground Water
 # Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	1	N/A	2022/07/27	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	1	N/A	2022/07/27	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	1	N/A	2022/07/27	CAM SOP-00463	SM 23 4500-Cl E m
Conductivity (1)	1	N/A	2022/07/27	CAM SOP-00414	SM 23 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	1	N/A	2022/07/26	CAM SOP-00446	SM 23 5310 B m
Fluoride (1)	1	2022/07/26	2022/07/27	CAM SOP-00449	SM 23 4500-F C m
Dissolved Mercury (low level) (1)	1	2022/07/27	2022/07/27	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	1	2022/07/27	2022/07/27	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	1	2022/07/26	2022/07/27	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	1	N/A	2022/08/27		
Low Level Chloride and Sulphate by AC (2)	1	N/A	2022/07/30	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Cyanide (Free) (2)	1	N/A	2022/07/29	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	1	N/A	2022/07/29	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	1	N/A	2022/07/29	CAL SOP-00270	SM 23 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	1	N/A	2022/07/29	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2022/07/28	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/07/27	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	1	N/A	2022/07/29	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	1	N/A	2022/07/28	BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (2)	1	N/A	2022/07/29	AB SOP-00011	EPA370.1 R1978 m
Total Phosphorus Low Level Total (2)	1	2022/07/31	2022/08/02	AB SOP-00024	SM 23 4500-P A,B,F m
Total Ammonia (as NH3) (1)	1	N/A	2022/07/28	Auto Calc.	
Ammonium as NH4+ (1)	1	N/A	2022/08/11		
Total Ammonia-N (1)	1	N/A	2022/07/28	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 6)	1	N/A	2022/07/28	CAM SOP-00440	SM 23 4500-NO3I/NO2B
pH (1)	1	2022/07/26	2022/07/27	CAM SOP-00413	SM 4500H+ B m
Field Measured pH (1, 7)	1	N/A	2022/07/22		Field pH Meter
Orthophosphate (1)	1	N/A	2022/07/28	CAM SOP-00461	EPA 365.1 m
Redox Potential (1, 8)	1	2022/07/28	2022/07/29	CAM SOP-00421	SM 2580 B
Sodium Adsorption Ratio (SAR) (1)	1	N/A	2022/07/28	CAM SOP-00102	EPA 6010C



Your P.O. #: 1121445
 Site#: MBK
 Your C.O.C. #: 545320

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA P0X 0A1

Report Date: 2022/08/30
 Report #: R7276494
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K6108

Received: 2022/07/21, 09:30

Sample Matrix: Ground Water
 # Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Total Dissolved Solids (Calc. from EC) (1)	1	N/A	2022/07/27		Auto Calc
Total Dissolved Solids (1)	1	2022/07/26	2022/07/27	CAM SOP-00428	SM 23 2540C m
Field Temperature (1, 7)	1	N/A	2022/08/11		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	1	2022/07/26	2022/07/27	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 9)	1	N/A	2022/07/27	CAM SOP-00446	SM 23 5310B m
Low Level Total Suspended Solids (1)	1	2022/07/26	2022/07/27	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	1	N/A	2022/07/26	CAM SOP-00417	SM 23 2130 B m
Un-ionized Ammonia (as N) (1, 10)	1	2022/07/22	2022/08/11	Calculation	Calculation

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 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



Your P.O. #: 1121445
Site#: MBK
Your C.O.C. #: 545320

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2022/08/30
Report #: R7276494
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C2K6108

Received: 2022/07/21, 09:30

- (4) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
- (5) "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).
- (6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (7) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (8) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (9) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (10) Un-ionized ammonia is calculated using the total ammonia result and field data provided by the client for pH and temperature.

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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BUREAU
VERITAS

Bureau Veritas Job #: C2K6108
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: AB

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGC613			TGC613		
Sampling Date		2022/07/18 13:00			2022/07/18 13:00		
COC Number		545320			545320		
	UNITS	MW-IPD-09d	RDL	QC Batch	MW-IPD-09d Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L	0.068	0.061	8125744			
Ammonium (NH4)	mg/L	0.07	0.05	8125745			
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	74	1.0	8125334			
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8125334			
Total dissolved solids (calc., EC)	mg/L	135	10	8126016			
Sodium Adsorption Ratio	N/A	1.0		8126007			
CONVENTIONALS							
Redox Potential	mV	230	N/A	8137225			
Field Measurements							
Field Temperature	Celsius	18.36	N/A	ONSITE			
Field Measured pH	pH	8.29		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	0.056	0.050	8131972	<0.050	0.050	8131972
Dissolved Bromide (Br-)	mg/L	0.021	0.010	8194920			
Conductivity	umho/cm	220	1.0	8131200			
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	8140143			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8141040			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8141041			
Total Dissolved Solids	mg/L	130	10	8131896			
Fluoride (F-)	mg/L	1.2	0.10	8131136			
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	8131965			
Dissolved Organic Carbon	mg/L	0.85	0.40	8130872			
Total Organic Carbon (TOC)	mg/L	0.90	0.40	8131874			
Orthophosphate (P)	mg/L	0.019	0.010	8132331			
pH	pH	8.15		8131189			
Reactive Silica (SiO2)	mg/L	10	0.25	8140140			
Total Suspended Solids	mg/L	<1	1	8131875			
Turbidity	NTU	1.2	0.1	8130416			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.							



BUREAU
VERITAS

Bureau Veritas Job #: C2K6108
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: AB

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGC613			TGC613		
Sampling Date		2022/07/18 13:00			2022/07/18 13:00		
COC Number		545320			545320		
	UNITS	MW-IPD-09d	RDL	QC Batch	MW-IPD-09d Lab-Dup	RDL	QC Batch
Alkalinity (Total as CaCO3)	mg/L	76	1.0	8131161			
Dissolved Chloride (Cl-)	mg/L	1.5	1.0	8132334			
Nitrite (N)	mg/L	<0.010	0.010	8131392			
Nitrate (N)	mg/L	<0.10	0.10	8131392			
Dissolved Sulphate (SO4)	mg/L	33	0.50	8141039	33	0.50	8141039
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8131392			
Un-ionized Ammonia (as N)	mg/L	0.0036	0.0032	8126018			
Metals							
Dissolved Aluminum (Al)	ug/L	4.86	0.50	8145653	4.80	0.50	8145653
Total Aluminum (Al)	ug/L	73.1	0.50	8145655			
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8145653	<0.020	0.020	8145653
Total Antimony (Sb)	ug/L	0.034	0.020	8145655			
Dissolved Arsenic (As)	ug/L	21.1	0.020	8145653	20.2	0.020	8145653
Total Arsenic (As)	ug/L	21.6	0.020	8145655			
Dissolved Barium (Ba)	ug/L	3.22	0.020	8145653	2.94	0.020	8145653
Total Barium (Ba)	ug/L	2.53	0.020	8145655			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8145653	<0.010	0.010	8145653
Total Beryllium (Be)	ug/L	<0.010	0.010	8145655			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8145653	<0.0050	0.0050	8145653
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8145655			
Dissolved Boron (B)	ug/L	106	10	8145653	109	10	8145653
Total Boron (B)	ug/L	92	10	8145655			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8145653	<0.0050	0.0050	8145653
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8145655			
Dissolved Chromium (Cr)	ug/L	0.45	0.10	8145653	0.40	0.10	8145653
Total Chromium (Cr)	ug/L	1.88	0.10	8145655			
Dissolved Copper (Cu)	ug/L	0.172	0.050	8145653	0.169	0.050	8145653
Total Copper (Cu)	ug/L	0.615	0.050	8145655			
Dissolved Iron (Fe)	ug/L	134	1.0	8145653	132	1.0	8145653
Total Iron (Fe)	ug/L	373	1.0	8145655			
Dissolved Lead (Pb)	ug/L	0.0228	0.0050	8145653	0.0222	0.0050	8145653
Total Lead (Pb)	ug/L	0.267	0.0050	8145655			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K6108
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: AB

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGC613			TGC613		
Sampling Date		2022/07/18 13:00			2022/07/18 13:00		
COC Number		545320			545320		
	UNITS	MW-IPD-09d	RDL	QC Batch	MW-IPD-09d Lab-Dup	RDL	QC Batch
Dissolved Lithium (Li)	ug/L	2.49	0.50	8145653	2.42	0.50	8145653
Total Lithium (Li)	ug/L	2.27	0.50	8145655			
Dissolved Manganese (Mn)	ug/L	37.7	0.050	8145653	35.2	0.050	8145653
Total Manganese (Mn)	ug/L	37.0	0.050	8145655			
Dissolved Molybdenum (Mo)	ug/L	12.9	0.050	8145653	12.3	0.050	8145653
Total Molybdenum (Mo)	ug/L	11.5	0.050	8145655			
Dissolved Nickel (Ni)	ug/L	0.216	0.020	8145653	0.207	0.020	8145653
Total Nickel (Ni)	ug/L	0.853	0.020	8145655			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8145653	<0.040	0.040	8145653
Total Selenium (Se)	ug/L	<0.040	0.040	8145655			
Total Silver (Ag)	ug/L	0.0557	0.0050	8145655			
Dissolved Strontium (Sr)	ug/L	148	0.050	8145653	140	0.050	8145653
Total Strontium (Sr)	ug/L	125	0.050	8145655			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8145653	<0.0020	0.0020	8145653
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8145655			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8145653	<0.20	0.20	8145653
Total Tin (Sn)	ug/L	0.71	0.20	8145655			
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8145653	<0.50	0.50	8145653
Total Titanium (Ti)	ug/L	1.39	0.50	8145655			
Dissolved Uranium (U)	ug/L	0.153	0.0020	8145653	0.140	0.0020	8145653
Total Uranium (U)	ug/L	0.152	0.0020	8145655			
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8145653	<0.20	0.20	8145653
Total Vanadium (V)	ug/L	<0.20	0.20	8145655			
Dissolved Zinc (Zn)	ug/L	1.56	0.10	8145653	1.47	0.10	8145653
Total Zinc (Zn)	ug/L	3.25	0.10	8145655			
Dissolved Calcium (Ca)	mg/L	17.3	0.050	8145747			
Total Calcium (Ca)	mg/L	15.2	0.050	8145749			
Dissolved Magnesium (Mg)	mg/L	7.75	0.050	8145747			
Total Magnesium (Mg)	mg/L	6.82	0.050	8145749			
Dissolved Potassium (K)	mg/L	1.03	0.050	8145747			
Total Potassium (K)	mg/L	0.950	0.050	8145749			
Dissolved Sodium (Na)	mg/L	20.9	0.050	8145747			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K6108
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: AB

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TGC613			TGC613		
Sampling Date		2022/07/18 13:00			2022/07/18 13:00		
COC Number		545320			545320		
	UNITS	MW-IPD-09d	RDL	QC Batch	MW-IPD-09d Lab-Dup	RDL	QC Batch
Total Sodium (Na)	mg/L	18.3	0.050	8145749			
Nutritional Parameters							
Total Phosphorus (P)	mg/L	0.017	0.0010	8143311			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)

Bureau Veritas ID		TGC613			TGC613		
Sampling Date		2022/07/18 13:00			2022/07/18 13:00		
COC Number		545320			545320		
	UNITS	MW-IPD-09d	RDL	QC Batch	MW-IPD-09d Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Hardness (CaCO3)	mg/L	66.2	0.50	8145748			
Metals							
Dissolved Calcium (Ca)	mg/L	16	0.05	8131007	16	0.05	8131007
Dissolved Magnesium (Mg)	mg/L	7.1	0.05	8131007	7.0	0.05	8131007
Mercury (Hg)	mg/L	<0.00001	0.00001	8132980			
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8132919	<0.00001	0.00001	8132919
Dissolved Potassium (K)	mg/L	1	1	8131007	1	1	8131007
Dissolved Sodium (Na)	mg/L	20	0.5	8131007	20	0.5	8131007
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2K6108
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: AB

TEST SUMMARY

Bureau Veritas ID: TGC613
Sample ID: MW-IPD-09d
Matrix: Ground Water

Collected: 2022/07/18
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8131161	N/A	2022/07/27	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8125334	N/A	2022/07/27	Automated Statchk
Chloride by Automated Colourimetry	KONE	8132334	N/A	2022/07/27	Alina Dobreanu
Conductivity	AT	8131200	N/A	2022/07/27	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8130872	N/A	2022/07/26	Nimarta Singh
Fluoride	ISE	8131136	2022/07/26	2022/07/27	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8132919	2022/07/27	2022/07/27	Thuy Linh Nguyen
Mercury (low level)	CV/AA	8132980	2022/07/27	2022/07/27	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8131007	2022/07/26	2022/07/27	Suban Kanapathipplai
Bromide in water by IC	IC/UV	8194920	N/A	2022/08/27	Kanwardeep Brar
Low Level Chloride and Sulphate by AC	KONE	8141039	N/A	2022/07/30	Carlo Truong
Cyanide (Free)	SPEC	8140143	N/A	2022/07/29	Taylor Mullings
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8141040	N/A	2022/07/29	Taylor Mullings
Cyanide WAD (weak acid dissociable)	TECH	8141041	N/A	2022/07/29	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	8145748	N/A	2022/07/29	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8145747	N/A	2022/07/28	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8145653	N/A	2022/07/27	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8145749	N/A	2022/07/29	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8145655	N/A	2022/07/28	Andrew An
Silica (Reactive)	KONE	8140140	N/A	2022/07/29	Fadia Mostafa
Total Phosphorus Low Level Total	KONE	8143311	2022/07/31	2022/08/02	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8125744	N/A	2022/07/28	Automated Statchk
Ammonium as NH4+	CALC/NH3	8125745	N/A	2022/08/11	Automated Statchk
Total Ammonia-N	LACH/NH4	8131972	N/A	2022/07/28	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8131392	N/A	2022/07/28	Amanpreet Sappal
pH	AT	8131189	2022/07/26	2022/07/27	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/07/22	Prabhjot Singh
Orthophosphate	KONE	8132331	N/A	2022/07/28	Chandra Nandlal
Redox Potential	COND	8137225	2022/07/28	2022/07/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8126007	N/A	2022/07/28	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8126016	N/A	2022/07/27	Automated Statchk
Total Dissolved Solids	BAL	8131896	2022/07/26	2022/07/27	Masood Siddiqui
Field Measured pH	PH	ONSITE	N/A	2022/08/11	Prabhjot Singh
Total Kjeldahl Nitrogen in Water	SKAL	8131965	2022/07/26	2022/07/27	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8131874	N/A	2022/07/27	Nimarta Singh
Low Level Total Suspended Solids	BAL	8131875	2022/07/26	2022/07/27	Shaneil Hall
Turbidity	AT	8130416	N/A	2022/07/26	Kien Tran
Un-ionized Ammonia (as N)	CALC	8126018	2022/08/11	2022/08/11	Automated Statchk

Bureau Veritas ID: TGC613 Dup
Sample ID: MW-IPD-09d
Matrix: Ground Water

Collected: 2022/07/18
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Mercury (low level)	CV/AA	8132919	2022/07/27	2022/07/27	Thuy Linh Nguyen
Lab Filtered Metals Analysis by ICP	ICP	8131007	2022/07/26	2022/07/27	Suban Kanapathipplai



**BUREAU
VERITAS**

Bureau Veritas Job #: C2K6108
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: AB

TEST SUMMARY

Bureau Veritas ID: TGC613 Dup
Sample ID: MW-IPD-09d
Matrix: Ground Water

Collected: 2022/07/18
Shipped:
Received: 2022/07/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Low Level Chloride and Sulphate by AC	KONE	8141039	N/A	2022/07/30	Carlo Truong
Elements by ICPMS Low Level (dissolved)	ICP/MS	8145653	N/A	2022/07/27	Andrew An
Total Ammonia-N	LACH/NH4	8131972	N/A	2022/07/28	Anna-Kay Gooden



GENERAL COMMENTS

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

Package 1	21.0°C
Package 2	19.7°C
Package 3	22.7°C
Package 4	21.0°C
Package 5	21.7°C
Package 6	21.7°C
Package 7	19.0°C
Package 8	17.3°C
Package 9	20.7°C
Package 10	19.7°C
Package 11	21.7°C
Package 12	21.7°C
Package 13	19.0°C
Package 14	20.7°C
Package 15	20.0°C
Package 16	16.3°C

Revised Report (2022/08/30): Low level Bromide analysis added past holding time per client request

Sample TGC613 [MW-IPD-09d] : ortho-Phosphate > Total Phosphorus: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Bromide by IC. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C2K6108

Report Date: 2022/08/30

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: 1121445

Sampler Initials: AB

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
8130416	Turbidity	2022/07/26			96	85 - 115	<0.1	NTU	NC	20		
8130872	Dissolved Organic Carbon	2022/07/26	97	80 - 120	99	80 - 120	<0.40	mg/L	0.37	20		
8131007	Dissolved Calcium (Ca)	2022/07/27	NC	80 - 120	98	80 - 120	<0.05	mg/L	1.9	25		
8131007	Dissolved Magnesium (Mg)	2022/07/27	95	80 - 120	96	80 - 120	<0.05	mg/L	1.2	25		
8131007	Dissolved Potassium (K)	2022/07/27	97	80 - 120	98	80 - 120	<1	mg/L	4.5	25		
8131007	Dissolved Sodium (Na)	2022/07/27	NC	80 - 120	99	80 - 120	<0.5	mg/L	1.4	25		
8131136	Fluoride (F-)	2022/07/27	113	80 - 120	105	80 - 120	<0.10	mg/L	7.1	20		
8131161	Alkalinity (Total as CaCO3)	2022/07/27			95	85 - 115	<1.0	mg/L	0.39	20		
8131189	pH	2022/07/27			102	98 - 103			0.26	N/A		
8131200	Conductivity	2022/07/27			100	85 - 115	<1.0	umho/cm	0.12	25		
8131392	Nitrate (N)	2022/07/28	89	80 - 120	98	80 - 120	<0.10	mg/L	4.3	20		
8131392	Nitrite (N)	2022/07/28	106	80 - 120	105	80 - 120	<0.010	mg/L	NC	20		
8131874	Total Organic Carbon (TOC)	2022/07/27	94	80 - 120	94	80 - 120	<0.40	mg/L	1.1	20		
8131875	Total Suspended Solids	2022/07/27					<1	mg/L	3.3	25	100	85 - 115
8131896	Total Dissolved Solids	2022/07/27					<10	mg/L	0.057	25	97	90 - 110
8131965	Total Kjeldahl Nitrogen (TKN)	2022/07/27	95	80 - 120	99	80 - 120	<0.10	mg/L	NC	20	97	80 - 120
8131972	Total Ammonia-N	2022/07/28	100	75 - 125	102	80 - 120	<0.050	mg/L	11	20		
8132331	Orthophosphate (P)	2022/07/28	100	75 - 125	99	80 - 120	<0.010	mg/L	NC	25		
8132334	Dissolved Chloride (Cl-)	2022/07/27	NC	80 - 120	105	80 - 120	<1.0	mg/L	0.25	20		
8132919	Dissolved Mercury (Hg)	2022/07/27	102	75 - 125	99	80 - 120	<0.00001	mg/L	NC	20		
8132980	Mercury (Hg)	2022/07/27	99	75 - 125	100	80 - 120	<0.00001	mg/L	NC	20		
8137225	Redox Potential	2022/07/29			100	95 - 105			1.3	N/A		
8140140	Reactive Silica (SiO2)	2022/07/29	103	80 - 120	103	80 - 120	<0.050	mg/L	0.021	20		
8140143	Free Cyanide (CN)	2022/07/29	86	80 - 120	92	80 - 120	<2.0	ug/L				
8141039	Dissolved Sulphate (SO4)	2022/07/30	100	80 - 120	106	80 - 120	<0.50	mg/L	0.49	20		
8141040	Strong Acid Dissoc. Cyanide (CN)	2022/07/29	98	80 - 120	101	80 - 120	<0.00050	mg/L				
8141041	Weak Acid Dissoc. Cyanide (CN)	2022/07/29	105	80 - 120	99	80 - 120	<0.00050	mg/L				
8143311	Total Phosphorus (P)	2022/08/02	110	80 - 120	102	80 - 120	<0.0010	mg/L			93	80 - 120
8145653	Dissolved Aluminum (Al)	2022/07/27	111	80 - 120	97	80 - 120	<0.50	ug/L	1.2	20		
8145653	Dissolved Antimony (Sb)	2022/07/27	109	80 - 120	98	80 - 120	<0.020	ug/L	NC	20		
8145653	Dissolved Arsenic (As)	2022/07/27	107	80 - 120	99	80 - 120	<0.020	ug/L	4.6	20		



BUREAU
VERITAS

Bureau Veritas Job #: C2K6108

Report Date: 2022/08/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1121445

Sampler Initials: AB

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
8145653	Dissolved Barium (Ba)	2022/07/27	105	80 - 120	93	80 - 120	<0.020	ug/L	8.9	20		
8145653	Dissolved Beryllium (Be)	2022/07/27	109	80 - 120	102	80 - 120	<0.010	ug/L	NC	20		
8145653	Dissolved Bismuth (Bi)	2022/07/27	105	80 - 120	94	80 - 120	<0.0050	ug/L	NC	20		
8145653	Dissolved Boron (B)	2022/07/27	113	80 - 120	93	80 - 120	<10	ug/L	2.8	20		
8145653	Dissolved Cadmium (Cd)	2022/07/27	106	80 - 120	96	80 - 120	<0.0050	ug/L	NC	20		
8145653	Dissolved Chromium (Cr)	2022/07/27	106	80 - 120	93	80 - 120	<0.10	ug/L	13	20		
8145653	Dissolved Copper (Cu)	2022/07/27	102	80 - 120	92	80 - 120	<0.050	ug/L	1.7	20		
8145653	Dissolved Iron (Fe)	2022/07/27	109	80 - 120	95	80 - 120	<1.0	ug/L	1.7	20		
8145653	Dissolved Lead (Pb)	2022/07/27	106	80 - 120	96	80 - 120	<0.0050	ug/L	2.5	20		
8145653	Dissolved Lithium (Li)	2022/07/27	106	80 - 120	100	80 - 120	<0.50	ug/L	2.9	20		
8145653	Dissolved Manganese (Mn)	2022/07/27	102	80 - 120	94	80 - 120	<0.050	ug/L	7.0	20		
8145653	Dissolved Molybdenum (Mo)	2022/07/27	NC	80 - 120	96	80 - 120	<0.050	ug/L	4.3	20		
8145653	Dissolved Nickel (Ni)	2022/07/27	103	80 - 120	93	80 - 120	<0.020	ug/L	4.5	20		
8145653	Dissolved Selenium (Se)	2022/07/27	107	80 - 120	97	80 - 120	<0.040	ug/L	NC	20		
8145653	Dissolved Strontium (Sr)	2022/07/27	NC	80 - 120	95	80 - 120	<0.050	ug/L	6.1	20		
8145653	Dissolved Thallium (Tl)	2022/07/27	106	80 - 120	95	80 - 120	<0.0020	ug/L	NC	20		
8145653	Dissolved Tin (Sn)	2022/07/27	109	80 - 120	96	80 - 120	<0.20	ug/L	NC	20		
8145653	Dissolved Titanium (Ti)	2022/07/27	107	80 - 120	93	80 - 120	<0.50	ug/L	NC	20		
8145653	Dissolved Uranium (U)	2022/07/27	109	80 - 120	96	80 - 120	<0.0020	ug/L	8.5	20		
8145653	Dissolved Vanadium (V)	2022/07/27	107	80 - 120	94	80 - 120	<0.20	ug/L	NC	20		
8145653	Dissolved Zinc (Zn)	2022/07/27	105	80 - 120	103	80 - 120	<0.10	ug/L	5.5	20		
8145655	Total Aluminum (Al)	2022/07/28	99	80 - 120	100	80 - 120	<0.50	ug/L	15	20		
8145655	Total Antimony (Sb)	2022/07/28	102	80 - 120	100	80 - 120	<0.020	ug/L	7.3	20		
8145655	Total Arsenic (As)	2022/07/28	104	80 - 120	104	80 - 120	<0.020	ug/L	3.3	20		
8145655	Total Barium (Ba)	2022/07/28	97	80 - 120	97	80 - 120	<0.020	ug/L	0.44	20		
8145655	Total Beryllium (Be)	2022/07/28	96	80 - 120	95	80 - 120	<0.010	ug/L	NC	20		
8145655	Total Bismuth (Bi)	2022/07/28	96	80 - 120	97	80 - 120	<0.0050	ug/L	NC	20		
8145655	Total Boron (B)	2022/07/28	98	80 - 120	97	80 - 120	<10	ug/L	NC	20		
8145655	Total Cadmium (Cd)	2022/07/28	103	80 - 120	103	80 - 120	<0.0050	ug/L	NC	20		
8145655	Total Chromium (Cr)	2022/07/28	101	80 - 120	101	80 - 120	<0.10	ug/L	NC	20		
8145655	Total Copper (Cu)	2022/07/28	102	80 - 120	103	80 - 120	<0.050	ug/L	0.57	20		
8145655	Total Iron (Fe)	2022/07/28	102	80 - 120	105	80 - 120	<1.0	ug/L	6.6	20		



BUREAU
VERITAS

Bureau Veritas Job #: C2K6108

Report Date: 2022/08/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1121445

Sampler Initials: AB

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
8145655	Total Lead (Pb)	2022/07/28	100	80 - 120	99	80 - 120	<0.0050	ug/L	1.9	20		
8145655	Total Lithium (Li)	2022/07/28	99	80 - 120	100	80 - 120	<0.50	ug/L	4.0	20		
8145655	Total Manganese (Mn)	2022/07/28	100	80 - 120	101	80 - 120	<0.050	ug/L	2.3	20		
8145655	Total Molybdenum (Mo)	2022/07/28	104	80 - 120	103	80 - 120	<0.050	ug/L	7.9	20		
8145655	Total Nickel (Ni)	2022/07/28	100	80 - 120	103	80 - 120	<0.020	ug/L	8.7	20		
8145655	Total Selenium (Se)	2022/07/28	110	80 - 120	108	80 - 120	<0.040	ug/L	2.8	20		
8145655	Total Silver (Ag)	2022/07/28	102	80 - 120	100	80 - 120	<0.0050	ug/L	NC	20		
8145655	Total Strontium (Sr)	2022/07/28	NC	80 - 120	97	80 - 120	<0.050	ug/L	0.087	20		
8145655	Total Thallium (Tl)	2022/07/28	98	80 - 120	97	80 - 120	<0.0020	ug/L	NC	20		
8145655	Total Tin (Sn)	2022/07/28	103	80 - 120	102	80 - 120	<0.20	ug/L	NC	20		
8145655	Total Titanium (Ti)	2022/07/28	99	80 - 120	102	80 - 120	<0.50	ug/L	NC	20		
8145655	Total Uranium (U)	2022/07/28	102	80 - 120	100	80 - 120	<0.0020	ug/L	5.7	20		
8145655	Total Vanadium (V)	2022/07/28	102	80 - 120	101	80 - 120	<0.20	ug/L	NC	20		
8145655	Total Zinc (Zn)	2022/07/28	109	80 - 120	116	80 - 120	<0.10	ug/L	1.1	20		
8194920	Dissolved Bromide (Br-)	2022/08/27	103	80 - 120	106	80 - 120	<0.010	mg/L	4.1	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.

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:

Anastassia Hamanov, Scientific Specialist

David Huang, BBY Scientific Specialist

Katherine Szozda, Project Manager

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

Suwan (Sze Yeung) Fock, B.Sc., 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 Signature Page.



**BUREAU
VERITAS**

Bureau Veritas Job #: C2K6108
Report Date: 2022/08/30

Agnico Eagle
Your P.O. #: 1121445
Sampler Initials: AB

**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.						



Project Information: C2K6108
Job Received: 2022/07/21 09:30
Expected TAT: Standard TAT
Expected Arrival: 2022/07/19 13:00
Submitted By: Felix Quessy-Savard
Submitted To: Mississauga, ON (Env. Lab)

Invoice Information

Attn: Accounts Payable
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
invoices.meadowbank@agnicoeagle.com

Report Information

Attn: Reporting
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
meadowbank.environment@agnicoeagle.com
agnico.equis@agnicoeagle.com

Project Information

Quote #: C05143
PO/AFE#: 1121445
Project #:
Site Location:
Site #: MBK

Analytical Summary

A: Standard TAT

Table with 7 columns: Client Sample ID, Clnt Ref, Sampling Date/Time, Matrix, #Cont, Groundwater Monitoring, Set Number. Contains 7 rows of sample data.

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Submission Information

of Samples: 7

eCOC Change Log

Table with 4 columns: Modified By, Date Modified, Changes, Comments. Contains one row of change log data.



Sample Set Listing

Set 1 (1 sample)	Set 2 (6 samples)
MW-IPD-09d	ST-21-N ST-21-S ST-17 ST-19 ST-20 MW-16-01

Parameter Summary

Package/Test	Parameter	RDL	Unit	Set 1	Set 2
Groundwater Monitoring	Alkalinity (Total as CaCO3)	1	mg/L	X	
	Ammonium (NH4)	0.02	mg/L	X	
	Dissolved Bromide (Br-)	1	mg/L	X	
	Bicarb. Alkalinity (calc. as CaCO3)	1	mg/L	X	
	Carb. Alkalinity (calc. as CaCO3)	1	mg/L	X	
	Dissolved Chloride (Cl-)	1	mg/L	X	
	Conductivity	1	umho/cm	X	
	Free Cyanide (CN)	2	ug/L	X	
	Weak Acid Dissoc. Cyanide (CN)	0.0005	mg/L	X	
	Strong Acid Dissoc. Cyanide (CN)	0.0005	mg/L	X	
	Dissolved Mercury (Hg)	0.00001	mg/L	X	
	Dissolved Organic Carbon	0.4	mg/L	X	
	Dissolved Aluminum (Al)	0.5	ug/L	X	
	Dissolved Antimony (Sb)	0.02	ug/L	X	
	Dissolved Arsenic (As)	0.02	ug/L	X	
	Dissolved Barium (Ba)	0.02	ug/L	X	
	Dissolved Beryllium (Be)	0.01	ug/L	X	
	Dissolved Bismuth (Bi)	0.005	ug/L	X	
	Dissolved Boron (B)	10	ug/L	X	
	Dissolved Cadmium (Cd)	0.005	ug/L	X	
	Dissolved Chromium (Cr)	0.1	ug/L	X	
	Dissolved Copper (Cu)	0.05	ug/L	X	
	Dissolved Iron (Fe)	1	ug/L	X	
	Dissolved Lead (Pb)	0.005	ug/L	X	
	Dissolved Lithium (Li)	0.5	ug/L	X	
	Dissolved Manganese (Mn)	0.05	ug/L	X	
	Dissolved Molybdenum (Mo)	0.05	ug/L	X	
	Dissolved Nickel (Ni)	0.02	ug/L	X	
	Dissolved Selenium (Se)	0.04	ug/L	X	
	Dissolved Strontium (Sr)	0.05	ug/L	X	
	Dissolved Thallium (Tl)	0.002	ug/L	X	
	Dissolved Tin (Sn)	0.2	ug/L	X	



Parameter Summary

Package/Test	Parameter	RDL	Unit	Set 1	Set 2
Groundwater Monitoring	Dissolved Titanium (Ti)	0.5	ug/L	X	
	Dissolved Uranium (U)	0.002	ug/L	X	
	Dissolved Vanadium (V)	0.2	ug/L	X	
	Dissolved Zinc (Zn)	0.1	ug/L	X	
	Total Aluminum (Al)	0.5	ug/L	X	
	Total Antimony (Sb)	0.02	ug/L	X	
	Total Arsenic (As)	0.02	ug/L	X	
	Total Barium (Ba)	0.02	ug/L	X	
	Total Beryllium (Be)	0.01	ug/L	X	
	Total Bismuth (Bi)	0.005	ug/L	X	
	Total Boron (B)	10	ug/L	X	
	Total Cadmium (Cd)	0.005	ug/L	X	
	Total Chromium (Cr)	0.1	ug/L	X	
	Total Copper (Cu)	0.05	ug/L	X	
	Total Iron (Fe)	1	ug/L	X	
	Total Lead (Pb)	0.005	ug/L	X	
	Total Lithium (Li)	0.5	ug/L	X	
	Total Manganese (Mn)	0.05	ug/L	X	
	Total Molybdenum (Mo)	0.05	ug/L	X	
	Total Nickel (Ni)	0.02	ug/L	X	
	Total Selenium (Se)	0.04	ug/L	X	
	Total Silver (Ag)	0.005	ug/L	X	
	Total Strontium (Sr)	0.05	ug/L	X	
	Total Thallium (Tl)	0.002	ug/L	X	
	Total Tin (Sn)	0.2	ug/L	X	
	Total Titanium (Ti)	0.5	ug/L	X	
	Total Uranium (U)	0.002	ug/L	X	
	Total Vanadium (V)	0.2	ug/L	X	
	Total Zinc (Zn)	0.1	ug/L	X	
	Field Measured pH	N/A	pH	X	
	Field Temperature	N/A	Celsius	X	
	Fluoride (F-)	0.1	mg/L	X	
	Total Hardness (CaCO3)	0.5	mg/L	X	
	Dissolved Calcium (Ca)	0.05	mg/L	X	
	Dissolved Magnesium (Mg)	0.05	mg/L	X	
	Dissolved Potassium (K)	1	mg/L	X	
	Dissolved Sodium (Na)	0.5	mg/L	X	
	Dissolved Sulphate (SO4)	0.5	mg/L	X	
	Total Suspended Solids	1	mg/L	X	
	Mercury (Hg)	0.00001	mg/L	X	



Parameter Summary

Package/Test	Parameter	RDL	Unit	Set 1	Set 2
Groundwater Monitoring	Total Calcium (Ca)	0.01	mg/L	X	
	Total Magnesium (Mg)	0.01	mg/L	X	
	Total Potassium (K)	0.01	mg/L	X	
	Total Sodium (Na)	0.01	mg/L	X	
	Nitrite (N)	0.01	mg/L	X	
	Nitrate (N)	0.1	mg/L	X	
	Nitrate + Nitrite (N)	0.1	mg/L	X	
	Orthophosphate (P)	0.01	mg/L	X	
	pH	N/A	pH	X	
	Reactive Silica (SiO ₂)	0.05	mg/L	X	
	Sodium Adsorption Ratio	N/A	N/A	X	
	Total Ammonia (as NH ₃)	5	mg/L	X	
	Total Ammonia-N	0.05	mg/L	X	
	Total Dissolved Solids	10	mg/L	X	
	Total dissolved solids (calc., EC)	10	mg/L	X	
	Total Kjeldahl Nitrogen (TKN)	0.1	mg/L	X	
	Total Organic Carbon (TOC)	0.4	mg/L	X	
	Total Phosphorus (P)	0.001	mg/L	X	
	Turbidity	0.1	NTU	X	
	Un-ionized Ammonia (as N)	0.0001	mg/L	X	

*RDLs are subject to change based on interferences present at the time of analysis.



Cost Estimate

#	Description	Matrix	Quote #	Rate	Test Total
1	Deuterium/Oxygen 18 from ITT	GROUND WATER	C05143	\$ 113.50	\$ 113.50
5	Deuterium/Oxygen 18 from ITT	WATER	C05143	\$ 113.50	\$ 567.50
1	Groundwater Monitoring	GROUND WATER	C05143	\$ 500.20	\$ 500.20
Total (excluding applicable taxes):				\$ 1,181.20	

Prices listed above are estimates only and are subject to change

eCOC: T545320 - Field Data

Project Information: C2K6108
 Job Received: 2022/07/21 09:30
 Expected TAT: Standard TAT

Field Data		SYS_SAMPLE_CODE	SAMPLER INITIALS	FIELD PH	FIELD TEMPERATURE (°C)
Client Sample ID	Matrix				
ST-21-N	W	ST-21-N-5 - 07/10/20 22	AB		
ST-21-S	W	ST-21-S-4 - 07/10/20 22	AB		
ST-17	W	ST-17-7- 07/10/20 22	AB		
ST-19	W	ST-19-6- 07/10/20 22	AB		
ST-20	W	ST-20-2- 07/12/2 022	AB		
MW-16-01	GRWTR		IW	6.06	4.57

21-Jul-22 09:30

Katherine Szozda
C2K6108

RECEIVED IN OTTAWA



Custody Tracking Form

eCOC Number
T545320

Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form has a barcode or a Bureau Veritas eCOC confirmation number in the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By				Received By			
I. Wade		Date		Kim Jung		Date	2022/0
		Time (24 HR)				Time (24 HR)	09:30
		Date		VI TRINH	2	Date	2022/07/22
		Time (24 HR)				Time (24 HR)	09:00
		Date				Date	
		Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at www.bvna.com.

Triage Information

Sampled By (Print) Ibrahim Wade # of Coolers/Pkgs 1 Rush Immediate Test Food Residue
 Micro Food Chemistry

***** Laboratory Use Only *****

Received At: Labeled By: Verified By:

Lab Comments:

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
✓	✓	✓			
✓	✓	✓			
			ACT ACTR		

Drinking Water Metals Preservation Check Done (Circle) YES NO

Appendix C-VI Analytical Report No. C2Q7796

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-01	MW-IPD-01(s)	TTI373
MW-IPD-07	MW-IPD-07	TTI374



Isotope Analyses for:
Bureau Vertias

IT² FILE #
220838

2022-09-28

Approved by:

Orfan Shouakar-Stash, PhD
Director

Isotope Tracer Technologies Inc.
608 Weber St. North Unit 3&4,
Waterloo, ON, N2V 1Z5 Tel: 519-886-5555 |
Fax: 519-886-5575
Email: orfan@it2isotopes.com
Website: www.it2isotopes.com



Client: Bureau Vertias
Address: 6740 Campobello Road
 Mississauga, ON, L5N 2L8
Tel.: (613) 274-0573 ext. 7063633
Attn.: Katherine Szozda
E-mail: katherine.szozda@bureauveritas.com
E-mail: Sub.Contractor@bvlabs.com

File Number: 220838
Project Number: C2Q7796

#	Sample ID	Sample Collection		Sample #	$\delta^{18}\text{O}$		$\delta^2\text{H}$		Aver	Stdv
		Date	Time		H_2O	VSMOW	H_2O	VSMOW		
1	TTI373-MW-IPD-01(s)c	2022-07-12	13:00	118526	X	-18.30	0.03	X	-142.7	0.2
2	TTI374-MW-IPD-07c	2022-07-17	13:00	118527	X	-18.46	0.00	X	-145.1	0.3

Standards: IT2-11B, IT2-12C, IT2-13B

^{18}O & ^2H (CRDS)

Instrument Used: Cavity Ring Down Spectroscopy (CRDS)
 CRDS (Model L2130-i) (Picarro, California, USA).

Standard Used:
 IT2-11B / IT2-12C / IT2-13B Calibrated with IAEA Standards (V-SMOW, SLAP, and GISP)

Typical Standard deviation:

($^{18}\text{O} \pm 0.1\%$) ($^2\text{H} \pm 1\%$)

Approved by:

Orfan S-Stash

Orfan Shouakar-Stash, PhD

Director

Isotope Tracer Technologies Inc.

608 Weber St. North Unit 3&4, Waterloo, ON, N2V 1K4

Tel: 519-886-5555 | Fax: 519-886-5575

Email: orfan@it2isotopes.com

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Tel: 519-886-5555 – Fax: 519-886-5575 – E-mail: info@it2isotopes.com – www.it2isotopes.com

Appendix C-VII Analytical Report No. C2Q7764

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-1(d)	MW-IPD-1(d)	TTI195
MW-IPD-1(s)	MW-IPD-1(s)	TTI197
MW-IPD-09	MW-IPD-09	TTI199



Your P.O. #: 1121445
 Site Location: MBK
 Your C.O.C. #: 571504

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/09/30
 Report #: R7323030
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C2Q7764

Received: 2022/09/15, 15:45

Sample Matrix: Ground Water
 # Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	8	N/A	2022/09/19	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	8	N/A	2022/09/20	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	4	N/A	2022/09/19	CAM SOP-00463	SM 23 4500-Cl E m
Chloride by Automated Colourimetry (1)	4	N/A	2022/09/20	CAM SOP-00463	SM 23 4500-Cl E m
Conductivity (1)	8	N/A	2022/09/19	CAM SOP-00414	SM 23 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	8	N/A	2022/09/20	CAM SOP-00446	SM 23 5310 B m
Fluoride (1)	8	2022/09/17	2022/09/19	CAM SOP-00449	SM 23 4500-F C m
Dissolved Mercury (low level) (1)	1	2022/09/19	2022/09/19	CAM SOP-00453	EPA 7470 m
Dissolved Mercury (low level) (1)	4	2022/09/20	2022/09/20	CAM SOP-00453	EPA 7470 m
Dissolved Mercury (low level) (1)	3	2022/09/20	2022/09/21	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	1	2022/09/19	2022/09/19	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	3	2022/09/20	2022/09/20	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	4	2022/09/20	2022/09/21	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	8	2022/09/19	2022/09/22	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	8	N/A	2022/09/28		
Low Level Chloride and Sulphate by AC (2)	8	N/A	2022/09/21	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Cyanide (Free) (2)	8	N/A	2022/09/21	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	7	N/A	2022/09/21	CAL SOP-00270	SM 23 4500-CN m
Cyanide, Strong Acid Dissociable (SAD) (2)	1	N/A	2022/09/27	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	4	N/A	2022/09/21	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	3	N/A	2022/09/22	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	1	N/A	2022/09/27	CAL SOP-00270	SM 23 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	8	N/A	2022/09/23	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2022/09/22	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	7	N/A	2022/09/24	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3)	7	N/A	2022/09/23	BBY7SOP-00002	EPA 6020B R2 m
Elements by ICPMS Low Level (dissolved) (3)	2	N/A	2022/09/26	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/09/26	BBY7SOP-00002	EPA 6020B R2 m
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/09/27	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	8	N/A	2022/09/23	BBY WI-00033	Auto Calc



Your P.O. #: 1121445
 Site Location: MBK
 Your C.O.C. #: 571504

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA POX 0A1

Report Date: 2022/09/30
 Report #: R7323030
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C2Q7764

Received: 2022/09/15, 15:45

Sample Matrix: Ground Water
 # Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by ICPMS Low Level (total) (3)	8	N/A	2022/09/22	BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (2)	7	N/A	2022/09/22	AB SOP-00011	EPA370.1 R1978 m
Silica (Reactive) (2)	1	N/A	2022/09/26	AB SOP-00011	EPA370.1 R1978 m
Total Phosphorus Low Level Total (2)	8	2022/09/27	2022/09/28	AB SOP-00024	SM 23 4500-P A,B,F m
Total Ammonia (as NH3) (1)	8	N/A	2022/09/22	Auto Calc.	
Ammonium as NH4+ (1)	8	N/A	2022/09/22		
Total Ammonia-N (1)	8	N/A	2022/09/21	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 6)	8	N/A	2022/09/20	CAM SOP-00440	SM 23 4500-NO3I/NO2B
pH (1)	8	2022/09/17	2022/09/19	CAM SOP-00413	SM 4500H+ B m
Field Measured pH (1, 7)	8	N/A	2022/09/16		Field pH Meter
Orthophosphate (1)	8	N/A	2022/09/19	CAM SOP-00461	EPA 365.1 m
Redox Potential (1, 8)	8	2022/09/17	2022/09/20	CAM SOP-00421	SM 2580 B
Sodium Adsorption Ratio (SAR) (1)	8	N/A	2022/09/23	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (Calc. from EC) (1)	8	N/A	2022/09/20		Auto Calc
Total Dissolved Solids (1)	8	2022/09/21	2022/09/22	CAM SOP-00428	SM 23 2540C m
Field Temperature (1, 7)	8	N/A	2022/09/16		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	7	2022/09/20	2022/09/21	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water (1)	1	2022/09/20	2022/09/22	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 9)	8	N/A	2022/09/21	CAM SOP-00446	SM 23 5310B m
Low Level Total Suspended Solids (1)	8	2022/09/21	2022/09/22	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	8	N/A	2022/09/19	CAM SOP-00417	SM 23 2130 B m
Un-ionized Ammonia (as N) (1, 10)	8	2022/09/16	2022/09/22	Calculation	Calculation

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.



Your P.O. #: 1121445
Site Location: MBK
Your C.O.C. #: 571504

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2022/09/30
Report #: R7323030
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C2Q7764

Received: 2022/09/15, 15:45

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 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) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.

(5) "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).

(6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

(7) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.

(8) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.

(9) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.

(10) Un-ionized ammonia is calculated using the total ammonia result and field data provided by the client for pH and temperature.

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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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 Signature Page.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI195			TTI195		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8229540			
Ammonium (NH4)	mg/L	<0.05	0.05	8229620			
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	97	1.0	8229516			
Carb. Alkalinity (calc. as CaCO3)	mg/L	1.2	1.0	8229516			
Total dissolved solids (calc., EC)	mg/L	222	10	8230455			
Sodium Adsorption Ratio	N/A	0.98		8230346			
CONVENTIONALS							
Redox Potential	mV	300	N/A	8231292			
Field Measurements							
Field Temperature	Celsius	21.82	N/A	ONSITE			
Field Measured pH	pH	7.74		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	8235708			
Dissolved Bromide (Br-)	mg/L	0.60	0.010	8256158			
Conductivity	umho/cm	360	1.0	8231189			
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	8245286			
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00052	0.00050	8245285			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8245284			
Total Dissolved Solids	mg/L	170	10	8238139			
Fluoride (F-)	mg/L	0.55	0.10	8231186			
Total Kjeldahl Nitrogen (TKN)	mg/L	0.12	0.10	8235767			
Dissolved Organic Carbon	mg/L	1.2	0.40	8232970	1.2	0.40	8232970
Total Organic Carbon (TOC)	mg/L	1.4	0.40	8235040			
Orthophosphate (P)	mg/L	0.010	0.010	8231351			
pH	pH	8.12		8231191			
Reactive Silica (SiO2)	mg/L	7.4	0.050	8245288			
Total Suspended Solids	mg/L	1	1	8237699			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.							



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI195			TTI195		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Turbidity	NTU	0.2	0.1	8230604			
Alkalinity (Total as CaCO3)	mg/L	99	1.0	8231190			
Dissolved Chloride (Cl-)	mg/L	43	1.0	8231356			
Nitrite (N)	mg/L	<0.010	0.010	8231168			
Nitrate (N)	mg/L	<0.10	0.10	8231168			
Dissolved Sulphate (SO4)	mg/L	3.5	0.50	8245287			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8231168			
Un-ionized Ammonia (as N)	mg/L	<0.0012	0.0012	8229975			
Metals							
Dissolved Aluminum (Al)	ug/L	4.25	0.50	8252553			
Total Aluminum (Al)	ug/L	23.0	0.50	8252552	21.5	0.50	8252552
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8252553			
Total Antimony (Sb)	ug/L	<0.020	0.020	8252552	<0.020	0.020	8252552
Dissolved Arsenic (As)	ug/L	30.7	0.020	8252553			
Total Arsenic (As)	ug/L	30.5	0.020	8252552	31.0	0.020	8252552
Dissolved Barium (Ba)	ug/L	21.4	0.020	8252553			
Total Barium (Ba)	ug/L	22.3	0.020	8252552	22.2	0.020	8252552
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8252553			
Total Beryllium (Be)	ug/L	<0.010	0.010	8252552	<0.010	0.010	8252552
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8252553			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Boron (B)	ug/L	198	10	8252553			
Total Boron (B)	ug/L	169	10	8252552	174	10	8252552
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8252553			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Chromium (Cr)	ug/L	0.57	0.10	8252553			
Total Chromium (Cr)	ug/L	0.58	0.10	8252552	0.52	0.10	8252552
Dissolved Copper (Cu)	ug/L	0.117	0.050	8252553			
Total Copper (Cu)	ug/L	0.146	0.050	8252552	0.140	0.050	8252552
Dissolved Iron (Fe)	ug/L	112	1.0	8252553			
Total Iron (Fe)	ug/L	139	1.0	8252552	131	1.0	8252552
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI195			TTI195		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Dissolved Lead (Pb)	ug/L	0.0224	0.0050	8252553			
Total Lead (Pb)	ug/L	0.0455	0.0050	8252552	0.0457	0.0050	8252552
Dissolved Lithium (Li)	ug/L	5.20	0.50	8252553			
Total Lithium (Li)	ug/L	5.07	0.50	8252552	4.92	0.50	8252552
Dissolved Manganese (Mn)	ug/L	37.4	0.050	8252553			
Total Manganese (Mn)	ug/L	38.8	0.050	8252552	39.3	0.050	8252552
Dissolved Molybdenum (Mo)	ug/L	8.70	0.050	8252553			
Total Molybdenum (Mo)	ug/L	8.55	0.050	8252552	8.46	0.050	8252552
Dissolved Nickel (Ni)	ug/L	0.382	0.020	8252553			
Total Nickel (Ni)	ug/L	0.390	0.020	8252552	0.373	0.020	8252552
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8252553			
Total Selenium (Se)	ug/L	<0.040	0.040	8252552	<0.040	0.040	8252552
Total Silver (Ag)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Strontium (Sr)	ug/L	314	0.050	8252553			
Total Strontium (Sr)	ug/L	307	0.050	8252552	312	0.050	8252552
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8252553			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8252552	<0.0020	0.0020	8252552
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8252553			
Total Tin (Sn)	ug/L	<0.20	0.20	8252552	<0.20	0.20	8252552
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8252553			
Total Titanium (Ti)	ug/L	0.84	0.50	8252552	0.80	0.50	8252552
Dissolved Uranium (U)	ug/L	0.478	0.0020	8252553			
Total Uranium (U)	ug/L	0.461	0.0020	8252552	0.472	0.0020	8252552
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8252553			
Total Vanadium (V)	ug/L	<0.20	0.20	8252552	<0.20	0.20	8252552
Dissolved Zinc (Zn)	ug/L	0.94	0.10	8252553			
Total Zinc (Zn)	ug/L	1.03	0.10	8252552	1.03	0.10	8252552
Dissolved Calcium (Ca)	mg/L	22.4	0.050	8250478			
Total Calcium (Ca)	mg/L	23.5	0.050	8252551			
Dissolved Magnesium (Mg)	mg/L	14.0	0.050	8250478			
Total Magnesium (Mg)	mg/L	13.9	0.050	8252551			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



**BUREAU
VERITAS**

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TT1195			TT1195		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	MW-IPD-01(d)a	RDL	QC Batch	MW-IPD-01(d)a Lab-Dup	RDL	QC Batch
Dissolved Potassium (K)	mg/L	1.25	0.050	8250478			
Total Potassium (K)	mg/L	1.24	0.050	8252551			
Dissolved Sodium (Na)	mg/L	22.8	0.050	8250478			
Total Sodium (Na)	mg/L	23.5	0.050	8252551			
Nutritional Parameters							
Total Phosphorus (P)	mg/L	0.0020	0.0010	8253630			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI196			TTI197			TTI197	
Sampling Date		2022/09/09 13:00			2022/09/10 13:00			2022/09/10 13:00	
COC Number		571504			571504			571504	
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-01(s)a	RDL	QC Batch	MW-IPD-01(s)a Lab-Dup	QC Batch

Calculated Parameters									
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8229540	<0.061	0.061	8229540		
Ammonium (NH4)	mg/L	<0.05	0.05	8229620	<0.05	0.05	8229620		
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	97	1.0	8229516	52	1.0	8229516		
Carb. Alkalinity (calc. as CaCO3)	mg/L	1.2	1.0	8229516	<1.0	1.0	8229516		
Total dissolved solids (calc., EC)	mg/L	222	10	8230455	84	10	8230455		
Sodium Adsorption Ratio	N/A	1.0		8230346	0.23 (1)		8230346		

CONVENTIONALS									
Redox Potential	mV	290	N/A	8231292	330	N/A	8231292	320	8231292

Field Measurements									
Field Temperature	Celsius	21.82	N/A	ONSITE	22.43	N/A	ONSITE		
Field Measured pH	pH	7.74		ONSITE	8.09		ONSITE		

Inorganics									
Total Ammonia-N	mg/L	<0.050	0.050	8235708	<0.050	0.050	8235708		
Dissolved Bromide (Br-)	mg/L	0.60	0.010	8256158	0.051	0.010	8256158		
Conductivity	umho/cm	360	1.0	8231189	140	1.0	8231189		
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	8245286	<2.0 (2)	2.0	8245286		
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00053	0.00050	8245285	<0.00050	0.00050	8245285		
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0012	0.00050	8245284	0.0011	0.00050	8245284		
Total Dissolved Solids	mg/L	155	10	8238139	65	10	8238139		
Fluoride (F-)	mg/L	0.54	0.10	8231186	0.34	0.10	8231186		
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	8235767	<0.10	0.10	8235767		
Dissolved Organic Carbon	mg/L	1.2	0.40	8232970	0.89	0.40	8232970		
Total Organic Carbon (TOC)	mg/L	1.4	0.40	8235040	0.99	0.40	8235040		
Orthophosphate (P)	mg/L	0.012	0.010	8231176	0.021	0.010	8231351		
pH	pH	8.12		8231191	7.85		8231191		

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.
 (2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI196			TTI197			TTI197	
Sampling Date		2022/09/09 13:00			2022/09/10 13:00			2022/09/10 13:00	
COC Number		571504			571504			571504	
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-01(s)a	RDL	QC Batch	MW-IPD-01(s)a Lab-Dup	QC Batch
Reactive Silica (SiO ₂)	mg/L	7.0	0.050	8245288	5.6	0.050	8245288		
Total Suspended Solids	mg/L	<1	1	8237699	<1	1	8237699		
Turbidity	NTU	0.2	0.1	8230604	<0.1	0.1	8231164		
Alkalinity (Total as CaCO ₃)	mg/L	99	1.0	8231190	53	1.0	8231190		
Dissolved Chloride (Cl ⁻)	mg/L	43	1.0	8231175	2.9	1.0	8231356		
Nitrite (N)	mg/L	<0.010	0.010	8231168	<0.010	0.010	8231168		
Nitrate (N)	mg/L	<0.10	0.10	8231168	<0.10	0.10	8231168		
Dissolved Sulphate (SO ₄)	mg/L	3.3	0.50	8245287	9.0	0.50	8245287		
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8231168	<0.10	0.10	8231168		
Un-ionized Ammonia (as N)	mg/L	<0.0012	0.0012	8229975	<0.0027	0.0027	8229975		
Metals									
Dissolved Aluminum (Al)	ug/L	18.7	0.50	8252553	2.79	0.50	8252553		
Total Aluminum (Al)	ug/L	14.6	0.50	8252552	13.5	0.50	8252552		
Dissolved Antimony (Sb)	ug/L	0.105	0.020	8252554	0.095	0.020	8252553		
Total Antimony (Sb)	ug/L	<0.020	0.020	8252552	0.096	0.020	8252552		
Dissolved Arsenic (As)	ug/L	29.5	0.020	8252553	44.8	0.020	8252553		
Total Arsenic (As)	ug/L	30.8	0.020	8252552	45.1	0.020	8252552		
Dissolved Barium (Ba)	ug/L	22.6	0.020	8252553	4.84	0.020	8252553		
Total Barium (Ba)	ug/L	21.6	0.020	8252552	5.01	0.020	8252552		
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8252553	<0.010	0.010	8252553		
Total Beryllium (Be)	ug/L	<0.010	0.010	8252552	<0.010	0.010	8252552		
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8252553	<0.0050	0.0050	8252553		
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552		
Dissolved Boron (B)	ug/L	204	10	8252553	33	10	8252553		
Total Boron (B)	ug/L	171	10	8252552	30	10	8252552		
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8252553	<0.0050	0.0050	8252553		
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552		
Dissolved Chromium (Cr)	ug/L	0.24	0.10	8252553	<0.10	0.10	8252553		
Total Chromium (Cr)	ug/L	0.45	0.10	8252552	0.15	0.10	8252552		
Dissolved Copper (Cu)	ug/L	0.179	0.050	8252553	0.172	0.050	8252553		
Total Copper (Cu)	ug/L	0.137	0.050	8252552	0.314	0.050	8252552		
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI196			TTI197			TTI197	
Sampling Date		2022/09/09 13:00			2022/09/10 13:00			2022/09/10 13:00	
COC Number		571504			571504			571504	
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-01(s)a	RDL	QC Batch	MW-IPD-01(s)a Lab-Dup	QC Batch
Dissolved Iron (Fe)	ug/L	89.7	1.0	8252553	36.4	1.0	8252553		
Total Iron (Fe)	ug/L	123	1.0	8252552	79.8	1.0	8252552		
Dissolved Lead (Pb)	ug/L	0.0661	0.0050	8252554	0.0248	0.0050	8252553		
Total Lead (Pb)	ug/L	0.0370	0.0050	8252552	0.0513	0.0050	8252552		
Dissolved Lithium (Li)	ug/L	5.26	0.50	8252553	1.71	0.50	8252553		
Total Lithium (Li)	ug/L	4.99	0.50	8252552	1.53	0.50	8252552		
Dissolved Manganese (Mn)	ug/L	37.5	0.050	8252553	60.3	0.050	8252553		
Total Manganese (Mn)	ug/L	38.9	0.050	8252552	66.2	0.050	8252552		
Dissolved Molybdenum (Mo)	ug/L	8.48	0.050	8252553	4.34	0.050	8252553		
Total Molybdenum (Mo)	ug/L	8.63	0.050	8252552	4.42	0.050	8252552		
Dissolved Nickel (Ni)	ug/L	0.369	0.020	8252553	0.595	0.020	8252553		
Total Nickel (Ni)	ug/L	0.342	0.020	8252552	0.717	0.020	8252552		
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8252553	<0.040	0.040	8252553		
Total Selenium (Se)	ug/L	<0.040	0.040	8252552	<0.040	0.040	8252552		
Total Silver (Ag)	ug/L	<0.0050	0.0050	8252552	0.0069	0.0050	8252552		
Dissolved Strontium (Sr)	ug/L	308	0.050	8252553	93.5	0.050	8252553		
Total Strontium (Sr)	ug/L	305	0.050	8252552	96.1	0.050	8252552		
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8252553	<0.0020	0.0020	8252553		
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8252552	<0.0020	0.0020	8252552		
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8252553	<0.20	0.20	8252553		
Total Tin (Sn)	ug/L	<0.20	0.20	8252552	<0.20	0.20	8252552		
Dissolved Titanium (Ti)	ug/L	0.94	0.50	8252553	<0.50	0.50	8252553		
Total Titanium (Ti)	ug/L	<0.50	0.50	8252552	<0.50	0.50	8252552		
Dissolved Uranium (U)	ug/L	0.472	0.0020	8252553	4.26	0.0020	8252553		
Total Uranium (U)	ug/L	0.467	0.0020	8252552	4.31	0.0020	8252552		
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8252553	<0.20	0.20	8252553		
Total Vanadium (V)	ug/L	<0.20	0.20	8252552	<0.20	0.20	8252552		
Dissolved Zinc (Zn)	ug/L	7.42	0.10	8252554	1.44	0.10	8252553		
Total Zinc (Zn)	ug/L	0.93	0.10	8252552	2.81	0.10	8252552		
Dissolved Calcium (Ca)	mg/L	22.1	0.050	8250478	13.3	0.050	8250478		
Total Calcium (Ca)	mg/L	23.0	0.050	8252551	13.6	0.050	8252551		

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



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI196			TTI197			TTI197	
Sampling Date		2022/09/09 13:00			2022/09/10 13:00			2022/09/10 13:00	
COC Number		571504			571504			571504	
	UNITS	MW-IPD-01(d)b	RDL	QC Batch	MW-IPD-01(s)a	RDL	QC Batch	MW-IPD-01(s)a Lab-Dup	QC Batch
Dissolved Magnesium (Mg)	mg/L	13.7	0.050	8250478	5.12	0.050	8250478		
Total Magnesium (Mg)	mg/L	14.3	0.050	8252551	5.48	0.050	8252551		
Dissolved Potassium (K)	mg/L	1.23	0.050	8250478	1.84	0.050	8250478		
Total Potassium (K)	mg/L	1.23	0.050	8252551	1.90	0.050	8252551		
Dissolved Sodium (Na)	mg/L	22.6	0.050	8250478	3.68	0.050	8250478		
Total Sodium (Na)	mg/L	23.7	0.050	8252551	3.96	0.050	8252551		
Nutritional Parameters									
Total Phosphorus (P)	mg/L	0.0021	0.0010	8253630	0.015	0.0010	8253879		
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI198			TTI198			TTI199		
Sampling Date		2022/09/10 13:00			2022/09/10 13:00			2022/09/11 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-01(s)b	RDL	QC Batch	MW-IPD-01(s)b Lab-Dup	RDL	QC Batch	MW-IPD-09a	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH3)	mg/L	<0.061	0.061	8229540				0.16	0.061	8229540
Ammonium (NH4)	mg/L	<0.05	0.05	8229620				0.16	0.05	8229620
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	52	1.0	8229516				72	1.0	8229516
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8229516				<1.0	1.0	8229516
Total dissolved solids (calc., EC)	mg/L	84	10	8230455				136	10	8230455
Sodium Adsorption Ratio	N/A	0.23 (1)		8230346				1.0		8230346

CONVENTIONALS										
Redox Potential	mV	320	N/A	8231292				320	N/A	8231292

Field Measurements										
Field Temperature	Celsius	22.43	N/A	ONSITE				19.3	N/A	ONSITE
Field Measured pH	pH	8.09		ONSITE				8.13		ONSITE

Inorganics										
Total Ammonia-N	mg/L	<0.050	0.050	8235708				0.13	0.050	8235708
Dissolved Bromide (Br-)	mg/L	0.048	0.010	8256158				0.035	0.010	8256158
Conductivity	umho/cm	140	1.0	8231189				220	1.0	8231189
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	8245286				<2.0 (2)	2.0	8253881
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00074	0.00050	8248759				<0.00050	0.00050	8253880
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.00066	0.00050	8248760				0.00079	0.00050	8250973
Total Dissolved Solids	mg/L	60	10	8238139				95	10	8238139
Fluoride (F-)	mg/L	0.35	0.10	8231186				1.1	0.10	8231186
Total Kjeldahl Nitrogen (TKN)	mg/L	0.11	0.10	8235767				<0.10	0.10	8235767
Dissolved Organic Carbon	mg/L	0.88	0.40	8232970				0.99	0.40	8232928
Total Organic Carbon (TOC)	mg/L	1.0	0.40	8235040				0.99	0.40	8235040
Orthophosphate (P)	mg/L	0.021	0.010	8231351				0.023	0.010	8231176
pH	pH	7.92		8231191				8.06		8231191

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.
 (2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI198			TTI198			TTI199		
Sampling Date		2022/09/10 13:00			2022/09/10 13:00			2022/09/11 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-01(s)b	RDL	QC Batch	MW-IPD-01(s)b Lab-Dup	RDL	QC Batch	MW-IPD-09a	RDL	QC Batch
Reactive Silica (SiO2)	mg/L	5.8	0.050	8245288				10	0.25	8242779
Total Suspended Solids	mg/L	<1	1	8237699				<1	1	8237633
Turbidity	NTU	0.2	0.1	8231164	0.2	0.1	8231164	0.3	0.1	8230604
Alkalinity (Total as CaCO3)	mg/L	53	1.0	8231190				72	1.0	8231190
Dissolved Chloride (Cl-)	mg/L	2.7	1.0	8231356				1.6	1.0	8231175
Nitrite (N)	mg/L	<0.010	0.010	8231168				<0.010	0.010	8231168
Nitrate (N)	mg/L	<0.10	0.10	8231168				<0.10	0.10	8231168
Dissolved Sulphate (SO4)	mg/L	8.7	0.50	8245287				33	0.50	8245287
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8231168				<0.10	0.10	8231168
Un-ionized Ammonia (as N)	mg/L	<0.0027	0.0027	8229975				0.0065	0.0024	8229975
Metals										
Dissolved Aluminum (Al)	ug/L	2.51	0.50	8252553				88.9	0.50	8252554
Total Aluminum (Al)	ug/L	57.2	0.50	8252552				4.32	0.50	8252552
Dissolved Antimony (Sb)	ug/L	0.099	0.020	8252553				0.029	0.020	8252553
Total Antimony (Sb)	ug/L	0.110	0.020	8252552				0.021	0.020	8252552
Dissolved Arsenic (As)	ug/L	45.2	0.020	8252553				20.6	0.020	8252553
Total Arsenic (As)	ug/L	45.4	0.020	8252552				20.2	0.020	8252552
Dissolved Barium (Ba)	ug/L	5.08	0.020	8252553				2.67	0.020	8252553
Total Barium (Ba)	ug/L	5.23	0.020	8252552				2.98	0.020	8252552
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8252553				<0.010	0.010	8252553
Total Beryllium (Be)	ug/L	<0.010	0.010	8252552				<0.010	0.010	8252552
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8252553				<0.0050	0.0050	8252553
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8252552				<0.0050	0.0050	8252552
Dissolved Boron (B)	ug/L	27	10	8252553				104	10	8252553
Total Boron (B)	ug/L	26	10	8252552				95	10	8252552
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8252553				<0.0050	0.0050	8252553
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8252552				<0.0050	0.0050	8252552
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	8252553				1.89	0.10	8252554
Total Chromium (Cr)	ug/L	0.79	0.10	8252552				0.17	0.10	8252552
Dissolved Copper (Cu)	ug/L	0.178	0.050	8252553				1.07	0.050	8252554
Total Copper (Cu)	ug/L	0.509	0.050	8252552				0.258	0.050	8252552
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI198			TTI198			TTI199		
Sampling Date		2022/09/10 13:00			2022/09/10 13:00			2022/09/11 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-01(s)b	RDL	QC Batch	MW-IPD-01(s)b Lab-Dup	RDL	QC Batch	MW-IPD-09a	RDL	QC Batch
Dissolved Iron (Fe)	ug/L	34.5	1.0	8252553				336	1.0	8252554
Total Iron (Fe)	ug/L	217	1.0	8252552				147	1.0	8252552
Dissolved Lead (Pb)	ug/L	0.0263	0.0050	8252553				0.462	0.0050	8252554
Total Lead (Pb)	ug/L	0.186	0.0050	8252552				0.0214	0.0050	8252552
Dissolved Lithium (Li)	ug/L	1.71	0.50	8252553				2.19	0.50	8252553
Total Lithium (Li)	ug/L	1.60	0.50	8252552				1.93	0.50	8252552
Dissolved Manganese (Mn)	ug/L	60.9	0.050	8252553				34.4	0.050	8252553
Total Manganese (Mn)	ug/L	70.6	0.050	8252552				34.5	0.050	8252552
Dissolved Molybdenum (Mo)	ug/L	4.42	0.050	8252553				11.6	0.050	8252553
Total Molybdenum (Mo)	ug/L	4.40	0.050	8252552				11.6	0.050	8252552
Dissolved Nickel (Ni)	ug/L	0.609	0.020	8252553				0.874	0.020	8252554
Total Nickel (Ni)	ug/L	1.03	0.020	8252552				0.252	0.020	8252552
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8252553				<0.040	0.040	8252553
Total Selenium (Se)	ug/L	<0.040	0.040	8252552				<0.040	0.040	8252552
Total Silver (Ag)	ug/L	0.0051	0.0050	8252552				<0.0050	0.0050	8252552
Dissolved Strontium (Sr)	ug/L	95.1	0.050	8252553				133	0.050	8252553
Total Strontium (Sr)	ug/L	94.1	0.050	8252552				132	0.050	8252552
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8252553				<0.0020	0.0020	8252553
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8252552				<0.0020	0.0020	8252552
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8252553				0.44	0.20	8252553
Total Tin (Sn)	ug/L	<0.20	0.20	8252552				0.24	0.20	8252552
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8252553				2.02	0.50	8252554
Total Titanium (Ti)	ug/L	1.39	0.50	8252552				<0.50	0.50	8252552
Dissolved Uranium (U)	ug/L	4.34	0.0020	8252553				0.154	0.0020	8252553
Total Uranium (U)	ug/L	4.44	0.0020	8252552				0.149	0.0020	8252552
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8252553				<0.20	0.20	8252553
Total Vanadium (V)	ug/L	<0.20	0.20	8252552				<0.20	0.20	8252552
Dissolved Zinc (Zn)	ug/L	1.95	0.10	8252553				12.4	0.10	8252554
Total Zinc (Zn)	ug/L	6.12	0.10	8252552				5.32	0.10	8252552
Dissolved Calcium (Ca)	mg/L	13.4	0.050	8250478				14.9	0.050	8250478
Total Calcium (Ca)	mg/L	13.8	0.050	8252551				15.8	0.050	8252551

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



**BUREAU
VERITAS**

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI198			TTI198			TTI199		
Sampling Date		2022/09/10 13:00			2022/09/10 13:00			2022/09/11 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-01(s)b	RDL	QC Batch	MW-IPD-01(s)b Lab-Dup	RDL	QC Batch	MW-IPD-09a	RDL	QC Batch
Dissolved Magnesium (Mg)	mg/L	5.19	0.050	8250478				6.72	0.050	8250478
Total Magnesium (Mg)	mg/L	5.63	0.050	8252551				7.20	0.050	8252551
Dissolved Potassium (K)	mg/L	1.87	0.050	8250478				1.00	0.050	8250478
Total Potassium (K)	mg/L	1.94	0.050	8252551				1.00	0.050	8252551
Dissolved Sodium (Na)	mg/L	3.69	0.050	8250478				17.6	0.050	8250478
Total Sodium (Na)	mg/L	4.03	0.050	8252551				19.4	0.050	8252551
Nutritional Parameters										
Total Phosphorus (P)	mg/L	0.017	0.0010	8253879				0.019	0.0010	8253630
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI199			TTI200			TTI201		
Sampling Date		2022/09/11 13:00			2022/09/11 13:00			2022/09/09 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-09a Lab-Dup	RDL	QC Batch	MW-IPD-09b	RDL	QC Batch	FB-22-1	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH3)	mg/L				<0.061	0.061	8229540	<0.061	0.061	8229540
Ammonium (NH4)	mg/L				<0.05	0.05	8229620	<0.05	0.05	8229620
Bicarb. Alkalinity (calc. as CaCO3)	mg/L				72	1.0	8229516	<1.0	1.0	8229516
Carb. Alkalinity (calc. as CaCO3)	mg/L				<1.0	1.0	8229516	<1.0	1.0	8229516
Total dissolved solids (calc., EC)	mg/L				135	10	8230455	<10	10	8230455
Sodium Adsorption Ratio	N/A				1.4		8230346	1.1		8230346

CONVENTIONALS										
Redox Potential	mV				320	N/A	8231292	400	N/A	8231292

Field Measurements										
Field Temperature	Celsius				19.30	N/A	ONSITE	21.82	N/A	ONSITE
Field Measured pH	pH				8.13		ONSITE	7.74		ONSITE

Inorganics										
Total Ammonia-N	mg/L				<0.050	0.050	8235708	<0.050	0.050	8235708
Dissolved Bromide (Br-)	mg/L	0.031	0.010	8256158	0.038	0.010	8256158	<0.010	0.010	8256158
Conductivity	umho/cm				220	1.0	8231189	1.1	1.0	8231189
Free Cyanide (CN)	ug/L				2.4 (1)	2.0	8253881	<2.0 (1)	2.0	8253881
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	8253880	<0.00050	0.00050	8248759	0.00263	0.00050	8245285
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.00056	0.00050	8250973	0.0010	0.00050	8248760	0.0035	0.00050	8245284
Total Dissolved Solids	mg/L				80	10	8238139	<10	10	8238139
Fluoride (F-)	mg/L				1.0	0.10	8231186	<0.10	0.10	8231186
Total Kjeldahl Nitrogen (TKN)	mg/L				<0.10	0.10	8235767	<0.10	0.10	8235767
Dissolved Organic Carbon	mg/L	1.0	0.40	8232928	0.95	0.40	8232970	0.75	0.40	8232970
Total Organic Carbon (TOC)	mg/L				1.0	0.40	8235040	<0.40	0.40	8235040
Orthophosphate (P)	mg/L				0.025	0.010	8231176	<0.010	0.010	8231351
pH	pH				8.03		8231191	5.80		8231191
Reactive Silica (SiO2)	mg/L				10	0.25	8245288	<0.050	0.050	8242779
Total Suspended Solids	mg/L				<1	1	8237633	<1	1	8237633

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI199			TTI200			TTI201		
Sampling Date		2022/09/11 13:00			2022/09/11 13:00			2022/09/09 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-09a Lab-Dup	RDL	QC Batch	MW-IPD-09b	RDL	QC Batch	FB-22-1	RDL	QC Batch
Turbidity	NTU				0.2	0.1	8230604	<0.1	0.1	8230604
Alkalinity (Total as CaCO3)	mg/L				72	1.0	8231190	<1.0	1.0	8231190
Dissolved Chloride (Cl-)	mg/L				1.2	1.0	8231175	<1.0	1.0	8231356
Nitrite (N)	mg/L				<0.010	0.010	8231168	<0.010	0.010	8231168
Nitrate (N)	mg/L				<0.10	0.10	8231168	<0.10	0.10	8231168
Dissolved Sulphate (SO4)	mg/L				33	0.50	8245287	<0.50	0.50	8245287
Nitrate + Nitrite (N)	mg/L				<0.10	0.10	8231168	<0.10	0.10	8231168
Un-ionized Ammonia (as N)	mg/L				<0.0024	0.0024	8229975	<0.0012	0.0012	8229975
Metals										
Dissolved Aluminum (Al)	ug/L				103	0.50	8252555	1.07	0.50	8252553
Total Aluminum (Al)	ug/L				9.77	0.50	8252552	1.00	0.50	8252552
Dissolved Antimony (Sb)	ug/L				0.031	0.020	8252553	<0.020	0.020	8252553
Total Antimony (Sb)	ug/L				<0.020	0.020	8252552	<0.020	0.020	8252552
Dissolved Arsenic (As)	ug/L				20.7	0.020	8252553	<0.020	0.020	8252553
Total Arsenic (As)	ug/L				20.4	0.020	8252552	<0.020	0.020	8252552
Dissolved Barium (Ba)	ug/L				3.06	0.020	8252555	<0.020	0.020	8252553
Total Barium (Ba)	ug/L				2.43	0.020	8252552	0.025	0.020	8252552
Dissolved Beryllium (Be)	ug/L				<0.010	0.010	8252553	<0.010	0.010	8252553
Total Beryllium (Be)	ug/L				<0.010	0.010	8252552	<0.010	0.010	8252552
Dissolved Bismuth (Bi)	ug/L				<0.0050	0.0050	8252553	<0.0050	0.0050	8252553
Total Bismuth (Bi)	ug/L				<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Boron (B)	ug/L				110	10	8252553	<10	10	8252553
Total Boron (B)	ug/L				97	10	8252552	<10	10	8252552
Dissolved Cadmium (Cd)	ug/L				<0.0050	0.0050	8252553	<0.0050	0.0050	8252553
Total Cadmium (Cd)	ug/L				<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Chromium (Cr)	ug/L				1.63	0.10	8252555	0.13	0.10	8252553
Total Chromium (Cr)	ug/L				0.22	0.10	8252552	0.11	0.10	8252552
Dissolved Copper (Cu)	ug/L				1.01	0.050	8252555	<0.050	0.050	8252553
Total Copper (Cu)	ug/L				0.247	0.050	8252552	<0.050	0.050	8252552
Dissolved Iron (Fe)	ug/L				343	1.0	8252555	1.9	1.0	8252553
Total Iron (Fe)	ug/L				145	1.0	8252552	1.4	1.0	8252552
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI199			TTI200			TTI201		
Sampling Date		2022/09/11 13:00			2022/09/11 13:00			2022/09/09 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-09a Lab-Dup	RDL	QC Batch	MW-IPD-09b	RDL	QC Batch	FB-22-1	RDL	QC Batch
Dissolved Lead (Pb)	ug/L				0.293	0.0050	8252555	0.0255	0.0050	8252553
Total Lead (Pb)	ug/L				0.0300	0.0050	8252552	0.0377	0.0050	8252552
Dissolved Lithium (Li)	ug/L				2.27	0.50	8252553	<0.50	0.50	8252553
Total Lithium (Li)	ug/L				1.90	0.50	8252552	<0.50	0.50	8252552
Dissolved Manganese (Mn)	ug/L				34.4	0.050	8252553	0.077	0.050	8252553
Total Manganese (Mn)	ug/L				33.4	0.050	8252552	0.062	0.050	8252552
Dissolved Molybdenum (Mo)	ug/L				11.6	0.050	8252553	<0.050	0.050	8252553
Total Molybdenum (Mo)	ug/L				11.5	0.050	8252552	<0.050	0.050	8252552
Dissolved Nickel (Ni)	ug/L				0.883	0.020	8252555	<0.020	0.020	8252553
Total Nickel (Ni)	ug/L				0.256	0.020	8252552	<0.020	0.020	8252552
Dissolved Selenium (Se)	ug/L				<0.040	0.040	8252553	<0.040	0.040	8252553
Total Selenium (Se)	ug/L				<0.040	0.040	8252552	<0.040	0.040	8252552
Total Silver (Ag)	ug/L				<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Strontium (Sr)	ug/L				135	0.050	8252553	<0.050	0.050	8252553
Total Strontium (Sr)	ug/L				136	0.050	8252552	<0.050	0.050	8252552
Dissolved Thallium (Tl)	ug/L				<0.0020	0.0020	8252553	<0.0020	0.0020	8252553
Total Thallium (Tl)	ug/L				<0.0020	0.0020	8252552	<0.0020	0.0020	8252552
Dissolved Tin (Sn)	ug/L				0.46	0.20	8252553	<0.20	0.20	8252553
Total Tin (Sn)	ug/L				0.22	0.20	8252552	<0.20	0.20	8252552
Dissolved Titanium (Ti)	ug/L				2.24	0.50	8252555	<0.50	0.50	8252553
Total Titanium (Ti)	ug/L				<0.50	0.50	8252552	<0.50	0.50	8252552
Dissolved Uranium (U)	ug/L				0.156	0.0020	8252553	<0.0020	0.0020	8252553
Total Uranium (U)	ug/L				0.166	0.0020	8252552	<0.0020	0.0020	8252552
Dissolved Vanadium (V)	ug/L				<0.20	0.20	8252553	<0.20	0.20	8252553
Total Vanadium (V)	ug/L				<0.20	0.20	8252552	<0.20	0.20	8252552
Dissolved Zinc (Zn)	ug/L				9.59	0.10	8252555	0.28	0.10	8252553
Total Zinc (Zn)	ug/L				5.18	0.10	8252552	0.62	0.10	8252552
Dissolved Calcium (Ca)	mg/L				15.0	0.050	8250478	<0.050	0.050	8250478
Total Calcium (Ca)	mg/L				15.3	0.050	8252551	<0.050	0.050	8252551
Dissolved Magnesium (Mg)	mg/L				6.93	0.050	8250478	<0.050	0.050	8250478
Total Magnesium (Mg)	mg/L				6.86	0.050	8252551	<0.050	0.050	8252551

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



**BUREAU
VERITAS**

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI199			TTI200			TTI201		
Sampling Date		2022/09/11 13:00			2022/09/11 13:00			2022/09/09 13:00		
COC Number		571504			571504			571504		
	UNITS	MW-IPD-09a Lab-Dup	RDL	QC Batch	MW-IPD-09b	RDL	QC Batch	FB-22-1	RDL	QC Batch
Dissolved Potassium (K)	mg/L				1.00	0.050	8250478	<0.050	0.050	8250478
Total Potassium (K)	mg/L				0.970	0.050	8252551	<0.050	0.050	8252551
Dissolved Sodium (Na)	mg/L				17.8	0.050	8250478	<0.050	0.050	8250478
Total Sodium (Na)	mg/L				18.6	0.050	8252551	<0.050	0.050	8252551
Nutritional Parameters										
Total Phosphorus (P)	mg/L				0.019	0.0010	8253630	<0.0010	0.0010	8253630
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI201			TTI202		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	FB-22-1 Lab-Dup	RDL	QC Batch	TB-22-1	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH3)	mg/L				<0.061	0.061	8229540
Ammonium (NH4)	mg/L				<0.05	0.05	8229620
Bicarb. Alkalinity (calc. as CaCO3)	mg/L				<1.0	1.0	8229516
Carb. Alkalinity (calc. as CaCO3)	mg/L				<1.0	1.0	8229516
Total dissolved solids (calc., EC)	mg/L				<10	10	8230455
Sodium Adsorption Ratio	N/A				1.9		8230346
CONVENTIONALS							
Redox Potential	mV				390	N/A	8231292
Field Measurements							
Field Temperature	Celsius				21.82	N/A	ONSITE
Field Measured pH	pH				7.74		ONSITE
Inorganics							
Total Ammonia-N	mg/L				<0.050	0.050	8235708
Dissolved Bromide (Br-)	mg/L				<0.010	0.010	8256158
Conductivity	umho/cm				1.1	1.0	8231189
Free Cyanide (CN)	ug/L				<2.0 (1)	2.0	8253881
Strong Acid Dissoc. Cyanide (CN)	mg/L				<0.00050	0.00050	8248759
Weak Acid Dissoc. Cyanide (CN)	mg/L				<0.00050	0.00050	8248760
Total Dissolved Solids	mg/L				<10	10	8238155
Fluoride (F-)	mg/L				<0.10	0.10	8231186
Total Kjeldahl Nitrogen (TKN)	mg/L				<0.10	0.10	8235767
Dissolved Organic Carbon	mg/L				<0.40	0.40	8232970
Total Organic Carbon (TOC)	mg/L				<0.40	0.40	8235040
Orthophosphate (P)	mg/L				<0.010	0.010	8231176
pH	pH				5.66		8231191
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results. Results may have a high bias due to decomposition of hexacyanoferrate and some other metal-cyanide complexes to free cyanide.							



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RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI201			TTI202		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	FB-22-1 Lab-Dup	RDL	QC Batch	TB-22-1	RDL	QC Batch
Reactive Silica (SiO2)	mg/L				<0.050	0.050	8247904
Total Suspended Solids	mg/L				<1	1	8237633
Turbidity	NTU				<0.1	0.1	8230604
Alkalinity (Total as CaCO3)	mg/L				<1.0	1.0	8231190
Dissolved Chloride (Cl-)	mg/L				<1.0	1.0	8231175
Nitrite (N)	mg/L				0.014	0.010	8231168
Nitrate (N)	mg/L				<0.10	0.10	8231168
Dissolved Sulphate (SO4)	mg/L				<0.50	0.50	8245291
Nitrate + Nitrite (N)	mg/L				<0.10	0.10	8231168
Un-ionized Ammonia (as N)	mg/L				<0.0012	0.0012	8229975
Metals							
Dissolved Aluminum (Al)	ug/L				<0.50	0.50	8252556
Total Aluminum (Al)	ug/L	1.00	0.50	8252552	<0.50	0.50	8252552
Dissolved Antimony (Sb)	ug/L				<0.020	0.020	8252556
Total Antimony (Sb)	ug/L	<0.020	0.020	8252552	<0.020	0.020	8252552
Dissolved Arsenic (As)	ug/L				<0.020	0.020	8252556
Total Arsenic (As)	ug/L	<0.020	0.020	8252552	<0.020	0.020	8252552
Dissolved Barium (Ba)	ug/L				<0.020	0.020	8252556
Total Barium (Ba)	ug/L	0.023	0.020	8252552	<0.020	0.020	8252552
Dissolved Beryllium (Be)	ug/L				<0.010	0.010	8252556
Total Beryllium (Be)	ug/L	<0.010	0.010	8252552	<0.010	0.010	8252552
Dissolved Bismuth (Bi)	ug/L				<0.0050	0.0050	8252556
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Boron (B)	ug/L				<10	10	8252556
Total Boron (B)	ug/L	<10	10	8252552	<10	10	8252552
Dissolved Cadmium (Cd)	ug/L				<0.0050	0.0050	8252556
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Chromium (Cr)	ug/L				0.15	0.10	8252556
Total Chromium (Cr)	ug/L	0.10	0.10	8252552	<0.10	0.10	8252552
Dissolved Copper (Cu)	ug/L				<0.050	0.050	8252556
Total Copper (Cu)	ug/L	<0.050	0.050	8252552	<0.050	0.050	8252552
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
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Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI201			TTI202		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	FB-22-1 Lab-Dup	RDL	QC Batch	TB-22-1	RDL	QC Batch
Dissolved Iron (Fe)	ug/L				<1.0	1.0	8252556
Total Iron (Fe)	ug/L	1.4	1.0	8252552	<1.0	1.0	8252552
Dissolved Lead (Pb)	ug/L				<0.0050	0.0050	8252556
Total Lead (Pb)	ug/L	0.0354	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Lithium (Li)	ug/L				<0.50	0.50	8252556
Total Lithium (Li)	ug/L	<0.50	0.50	8252552	<0.50	0.50	8252552
Dissolved Manganese (Mn)	ug/L				<0.050	0.050	8252556
Total Manganese (Mn)	ug/L	0.060	0.050	8252552	<0.050	0.050	8252552
Dissolved Molybdenum (Mo)	ug/L				<0.050	0.050	8252556
Total Molybdenum (Mo)	ug/L	<0.050	0.050	8252552	<0.050	0.050	8252552
Dissolved Nickel (Ni)	ug/L				0.030	0.020	8252556
Total Nickel (Ni)	ug/L	<0.020	0.020	8252552	<0.020	0.020	8252552
Dissolved Selenium (Se)	ug/L				<0.040	0.040	8252556
Total Selenium (Se)	ug/L	<0.040	0.040	8252552	<0.040	0.040	8252552
Total Silver (Ag)	ug/L	<0.0050	0.0050	8252552	<0.0050	0.0050	8252552
Dissolved Strontium (Sr)	ug/L				<0.050	0.050	8252556
Total Strontium (Sr)	ug/L	<0.050	0.050	8252552	<0.050	0.050	8252552
Dissolved Thallium (Tl)	ug/L				<0.0020	0.0020	8252556
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8252552	<0.0020	0.0020	8252552
Dissolved Tin (Sn)	ug/L				<0.20	0.20	8252554
Total Tin (Sn)	ug/L	<0.20	0.20	8252552	<0.20	0.20	8252552
Dissolved Titanium (Ti)	ug/L				<0.50	0.50	8252556
Total Titanium (Ti)	ug/L	<0.50	0.50	8252552	<0.50	0.50	8252552
Dissolved Uranium (U)	ug/L				<0.0020	0.0020	8252556
Total Uranium (U)	ug/L	<0.0020	0.0020	8252552	<0.0020	0.0020	8252552
Dissolved Vanadium (V)	ug/L				<0.20	0.20	8252556
Total Vanadium (V)	ug/L	<0.20	0.20	8252552	<0.20	0.20	8252552
Dissolved Zinc (Zn)	ug/L				0.22	0.10	8252556
Total Zinc (Zn)	ug/L	0.59	0.10	8252552	0.20	0.10	8252552
Dissolved Calcium (Ca)	mg/L				<0.050	0.050	8250478
Total Calcium (Ca)	mg/L				<0.050	0.050	8252551
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
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Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
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RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTI201			TTI202		
Sampling Date		2022/09/09 13:00			2022/09/09 13:00		
COC Number		571504			571504		
	UNITS	FB-22-1 Lab-Dup	RDL	QC Batch	TB-22-1	RDL	QC Batch
Dissolved Magnesium (Mg)	mg/L				<0.050	0.050	8250478
Total Magnesium (Mg)	mg/L				<0.050	0.050	8252551
Dissolved Potassium (K)	mg/L				<0.050	0.050	8250478
Total Potassium (K)	mg/L				<0.050	0.050	8252551
Dissolved Sodium (Na)	mg/L				<0.050	0.050	8250478
Total Sodium (Na)	mg/L				<0.050	0.050	8252551
Nutritional Parameters							
Total Phosphorus (P)	mg/L				<0.0010	0.0010	8253630
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)

Bureau Veritas ID		TTI195		TTI196		TTI197		
Sampling Date		2022/09/09 13:00		2022/09/09 13:00		2022/09/10 13:00		
COC Number		571504		571504		571504		
	UNITS	MW-IPD-01(d)a	QC Batch	MW-IPD-01(d)b	QC Batch	MW-IPD-01(s)a	RDL	QC Batch
Calculated Parameters								
Total Hardness (CaCO3)	mg/L	116	8243657	116	8243657	56.5	0.50	8243657
Metals								
Dissolved Calcium (Ca)	mg/L	23	8233423	24	8233423	14	0.05	8233423
Dissolved Magnesium (Mg)	mg/L	14	8233423	14	8233423	5.2	0.05	8233423
Mercury (Hg)	mg/L	<0.00001	8235341	<0.00001	8235703	<0.00001	0.00001	8235703
Dissolved Mercury (Hg)	mg/L	<0.00001	8234975	<0.00001	8234519	<0.00001	0.00001	8233173
Dissolved Potassium (K)	mg/L	1	8233423	1	8233423	2	1	8233423
Dissolved Sodium (Na)	mg/L	24	8233423	25	8233423	4.0	0.5	8233423
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								

Bureau Veritas ID		TTI198		TTI198		TTI199				
Sampling Date		2022/09/10 13:00		2022/09/10 13:00		2022/09/11 13:00				
COC Number		571504		571504		571504				
	UNITS	MW-IPD-01(s)b	RDL	QC Batch	MW-IPD-01(s)b Lab-Dup	RDL	QC Batch	MW-IPD-09a	RDL	QC Batch
Calculated Parameters										
Total Hardness (CaCO3)	mg/L	57.6	0.50	8243657				69.0	0.50	8243657
Metals										
Dissolved Calcium (Ca)	mg/L	14	0.05	8233423	14	0.05	8233423	15	0.05	8233423
Dissolved Magnesium (Mg)	mg/L	5.3	0.05	8233423	5.3	0.05	8233423	6.8	0.05	8233423
Mercury (Hg)	mg/L	<0.00001	0.00001	8235703				<0.00001	0.00001	8235341
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8235349				<0.00001	0.00001	8235349
Dissolved Potassium (K)	mg/L	2	1	8233423	2	1	8233423	<1	1	8233423
Dissolved Sodium (Na)	mg/L	4.0	0.5	8233423	4.0	0.5	8233423	19	0.5	8233423
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)

Bureau Veritas ID		TTI199			TTI200		TTI201		
Sampling Date		2022/09/11 13:00			2022/09/11 13:00		2022/09/09 13:00		
COC Number		571504			571504		571504		
	UNITS	MW-IPD-09a Lab-Dup	RDL	QC Batch	MW-IPD-09b	QC Batch	FB-22-1	RDL	QC Batch
Calculated Parameters									
Total Hardness (CaCO3)	mg/L				66.4	8243657	<0.50	0.50	8243657
Metals									
Dissolved Calcium (Ca)	mg/L				17	8233423	0.91	0.05	8233423
Dissolved Magnesium (Mg)	mg/L				7.8	8233423	0.58	0.05	8233423
Mercury (Hg)	mg/L				<0.00001	8235703	<0.00001	0.00001	8233263
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8235349	<0.00001	8234975	<0.00001	0.00001	8235349
Dissolved Potassium (K)	mg/L				1	8233423	<1	1	8233423
Dissolved Sodium (Na)	mg/L				27	8233423	5.3	0.5	8233423
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									

Bureau Veritas ID		TTI202		
Sampling Date		2022/09/09 13:00		
COC Number		571504		
	UNITS	TB-22-1	RDL	QC Batch
Calculated Parameters				
Total Hardness (CaCO3)	mg/L	<0.50	0.50	8243657
Metals				
Dissolved Calcium (Ca)	mg/L	3.1	0.05	8233423
Dissolved Magnesium (Mg)	mg/L	1.9	0.05	8233423
Mercury (Hg)	mg/L	<0.00001	0.00001	8235341
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	8234975
Dissolved Potassium (K)	mg/L	<1	1	8233423
Dissolved Sodium (Na)	mg/L	18	0.5	8233423
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TTI195
Sample ID: MW-IPD-01(d)a
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231356	N/A	2022/09/19	Alina Dobreanu
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8234975	2022/09/20	2022/09/20	Japneet Gill
Mercury (low level)	CV/AA	8235341	2022/09/20	2022/09/20	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245287	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8245286	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8245285	N/A	2022/09/21	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8245284	N/A	2022/09/21	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252553	N/A	2022/09/23	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8245288	N/A	2022/09/22	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231351	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238139	2022/09/21	2022/09/22	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/22	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237699	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8230604	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk

Bureau Veritas ID: TTI195 Dup
Sample ID: MW-IPD-01(d)a
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TT1195 Dup
Sample ID: MW-IPD-01(d)a
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An

Bureau Veritas ID: TT1196
Sample ID: MW-IPD-01(d)b
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231175	N/A	2022/09/20	Samuel Law
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8234519	2022/09/20	2022/09/20	Japneet Gill
Mercury (low level)	CV/AA	8235703	2022/09/20	2022/09/21	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245287	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8245286	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8245285	N/A	2022/09/21	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8245284	N/A	2022/09/21	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252554	N/A	2022/09/26	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8245288	N/A	2022/09/22	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231176	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238139	2022/09/21	2022/09/22	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237699	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8230604	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TT1197
Sample ID: MW-IPD-01(s)a
Matrix: Ground Water

Collected: 2022/09/10
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231356	N/A	2022/09/19	Alina Dobreanu
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8233173	2022/09/19	2022/09/19	Japneet Gill
Mercury (low level)	CV/AA	8235703	2022/09/20	2022/09/21	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245287	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8245286	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8245285	N/A	2022/09/21	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8245284	N/A	2022/09/21	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252553	N/A	2022/09/23	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8245288	N/A	2022/09/22	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253879	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231351	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238139	2022/09/21	2022/09/22	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237699	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8231164	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk

Bureau Veritas ID: TT1197 Dup
Sample ID: MW-IPD-01(s)a
Matrix: Ground Water

Collected: 2022/09/10
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TTI198
Sample ID: MW-IPD-01(s)b
Matrix: Ground Water

Collected: 2022/09/10
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231356	N/A	2022/09/19	Alina Dobreanu
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8235349	2022/09/20	2022/09/21	Japneet Gill
Mercury (low level)	CV/AA	8235703	2022/09/20	2022/09/21	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245287	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8245286	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8248759	N/A	2022/09/21	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8248760	N/A	2022/09/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252553	N/A	2022/09/23	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8245288	N/A	2022/09/22	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253879	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231351	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238139	2022/09/21	2022/09/22	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237699	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8231164	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk

Bureau Veritas ID: TTI198 Dup
Sample ID: MW-IPD-01(s)b
Matrix: Ground Water

Collected: 2022/09/10
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TT1198 Dup
Sample ID: MW-IPD-01(s)b
Matrix: Ground Water

Collected: 2022/09/10
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Turbidity	AT	8231164	N/A	2022/09/19	Roya Fathitil

Bureau Veritas ID: TT1199
Sample ID: MW-IPD-09a
Matrix: Ground Water

Collected: 2022/09/11
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231175	N/A	2022/09/20	Samuel Law
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232928	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8235349	2022/09/20	2022/09/21	Japneet Gill
Mercury (low level)	CV/AA	8235341	2022/09/20	2022/09/20	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245287	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8253881	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8253880	N/A	2022/09/27	Tracy (Jing) Ling
Cyanide WAD (weak acid dissociable)	TECH	8250973	N/A	2022/09/27	Tracy (Jing) Ling
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252554	N/A	2022/09/26	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8242779	N/A	2022/09/22	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231176	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238139	2022/09/21	2022/09/22	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8230604	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TT1199 Dup
Sample ID: MW-IPD-09a
Matrix: Ground Water

Collected: 2022/09/11
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232928	N/A	2022/09/20	Nimarta Singh
Dissolved Mercury (low level)	CV/AA	8235349	2022/09/20	2022/09/21	Japneet Gill
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8253880	N/A		Tracy (Jing) Ling
Cyanide WAD (weak acid dissociable)	TECH	8250973	N/A		Tracy (Jing) Ling

Bureau Veritas ID: TT1200
Sample ID: MW-IPD-09b
Matrix: Ground Water

Collected: 2022/09/11
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231175	N/A	2022/09/20	Samuel Law
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8234975	2022/09/20	2022/09/20	Japneet Gill
Mercury (low level)	CV/AA	8235703	2022/09/20	2022/09/21	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245287	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8253881	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8248759	N/A	2022/09/21	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8248760	N/A	2022/09/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252555	N/A	2022/09/27	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8245288	N/A	2022/09/22	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231176	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238139	2022/09/21	2022/09/22	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/21	Massarat Jan



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TT1200
Sample ID: MW-IPD-09b
Matrix: Ground Water

Collected: 2022/09/11
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8230604	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk

Bureau Veritas ID: TT1201
Sample ID: FB-22-1
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231356	N/A	2022/09/19	Alina Dobreanu
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8235349	2022/09/20	2022/09/21	Japneet Gill
Mercury (low level)	CV/AA	8233263	2022/09/19	2022/09/19	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245287	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8253881	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8245285	N/A	2022/09/21	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8245284	N/A	2022/09/21	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252553	N/A	2022/09/23	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8242779	N/A	2022/09/22	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231351	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238139	2022/09/21	2022/09/22	Shaneil Hall
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TTI201
Sample ID: FB-22-1
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8230604	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk

Bureau Veritas ID: TTI201 Dup
Sample ID: FB-22-1
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An

Bureau Veritas ID: TTI202
Sample ID: TB-22-1
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8231190	N/A	2022/09/19	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	8229516	N/A	2022/09/20	Automated Statchk
Chloride by Automated Colourimetry	KONE	8231175	N/A	2022/09/20	Samuel Law
Conductivity	AT	8231189	N/A	2022/09/19	Surinder Rai
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8232970	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8231186	2022/09/17	2022/09/19	Surinder Rai
Dissolved Mercury (low level)	CV/AA	8234975	2022/09/20	2022/09/20	Japneet Gill
Mercury (low level)	CV/AA	8235341	2022/09/20	2022/09/20	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8233423	2022/09/19	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8256158	N/A	2022/09/28	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8245291	N/A	2022/09/21	Carlo Truong
Cyanide (Free)	SPEC	8253881	N/A	2022/09/21	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8248759	N/A	2022/09/21	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8248760	N/A	2022/09/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8243657	N/A	2022/09/23	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8250478	N/A	2022/09/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8252556	N/A	2022/09/22	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8252551	N/A	2022/09/23	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8252552	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8247904	N/A	2022/09/26	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8229540	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8229620	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235708	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8231168	N/A	2022/09/20	Chandra Nandlal
pH	AT	8231191	2022/09/17	2022/09/19	Surinder Rai
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Orthophosphate	KONE	8231176	N/A	2022/09/19	Samuel Law
Redox Potential	COND	8231292	2022/09/17	2022/09/20	Surinder Rai



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
Sampler Initials: NS

TEST SUMMARY

Bureau Veritas ID: TT1202
Sample ID: TB-22-1
Matrix: Ground Water

Collected: 2022/09/09
Shipped:
Received: 2022/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sodium Adsorption Ratio (SAR)	CALC/MET	8230346	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8230455	N/A	2022/09/20	Automated Statchk
Total Dissolved Solids	BAL	8238155	2022/09/21	2022/09/22	Masood Siddiqui
Field Measured pH	PH	ONSITE	N/A	2022/09/16	Rupinder Kaur
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/21	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8235040	N/A	2022/09/21	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8230604	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8229975	2022/09/22	2022/09/22	Automated Statchk



GENERAL COMMENTS

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

Package 1	10.7°C
Package 2	13.3°C
Package 3	13.7°C
Package 4	12.0°C
Package 5	9.3°C
Package 6	13.0°C
Package 7	11.0°C
Package 8	12.0°C
Package 9	10.7°C
Package 10	10.7°C
Package 11	11.3°C
Package 12	8.7°C
Package 13	10.0°C
Package 14	10.0°C
Package 15	9.7°C
Package 16	10.3°C
Package 17	10.3°C
Package 18	8.0°C
Package 19	13.0°C
Package 20	9.3°C
Package 21	12.3°C
Package 22	10.0°C
Package 23	12.3°C
Package 24	12.7°C

Sample TTI199 [MW-IPD-09a] : TKN < Ammonia: Both values fall within the method uncertainty for duplicates and are likely equivalent. Sample was analyzed past method specified hold time for Cyanide (total). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Cyanide WAD (weak acid dissociable).

Sample TTI201 [FB-22-1] : TOC < DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample TTI196, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TTI199, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TTI200, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample TTI202, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764

Report Date: 2022/09/30

QUALITY ASSURANCE REPORT

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: NS

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
8230604	Turbidity	2022/09/19			114	85 - 115	<0.1	NTU	2.1	20		
8231164	Turbidity	2022/09/19			115	85 - 115	<0.1	NTU	2.9	20		
8231168	Nitrate (N)	2022/09/20	101	80 - 120	100	80 - 120	<0.10	mg/L	0.73	20		
8231168	Nitrite (N)	2022/09/20	104	80 - 120	107	80 - 120	<0.010	mg/L	NC	20		
8231175	Dissolved Chloride (Cl-)	2022/09/20	NC	80 - 120	102	80 - 120	<1.0	mg/L	0.16	20		
8231176	Orthophosphate (P)	2022/09/19	113	75 - 125	100	80 - 120	<0.010	mg/L	3.4	25		
8231186	Fluoride (F-)	2022/09/19	100	80 - 120	97	80 - 120	<0.10	mg/L	NC	20		
8231189	Conductivity	2022/09/19			101	85 - 115	<1.0	umho/cm	0.31	25		
8231190	Alkalinity (Total as CaCO3)	2022/09/19			97	85 - 115	<1.0	mg/L	0.32	20		
8231191	pH	2022/09/19			102	98 - 103			0.29	N/A		
8231292	Redox Potential	2022/09/20			100	95 - 105			2.8	N/A		
8231351	Orthophosphate (P)	2022/09/19	105	75 - 125	100	80 - 120	<0.010	mg/L	12	25		
8231356	Dissolved Chloride (Cl-)	2022/09/19	NC	80 - 120	100	80 - 120	<1.0	mg/L	0.83	20		
8232928	Dissolved Organic Carbon	2022/09/20	99	80 - 120	99	80 - 120	<0.40	mg/L	1.2	20		
8232970	Dissolved Organic Carbon	2022/09/20	97	80 - 120	96	80 - 120	<0.40	mg/L	1.0	20		
8233173	Dissolved Mercury (Hg)	2022/09/19	94	75 - 125	100	80 - 120	<0.00001	mg/L	NC	20		
8233263	Mercury (Hg)	2022/09/19	96	75 - 125	100	80 - 120	<0.00001	mg/L	NC	20		
8233423	Dissolved Calcium (Ca)	2022/09/22	NC	80 - 120	99	80 - 120	<0.05	mg/L	1.0	25		
8233423	Dissolved Magnesium (Mg)	2022/09/22	94	80 - 120	96	80 - 120	<0.05	mg/L	0.76	25		
8233423	Dissolved Potassium (K)	2022/09/22	96	80 - 120	97	80 - 120	<1	mg/L	0.65	25		
8233423	Dissolved Sodium (Na)	2022/09/22	98	80 - 120	100	80 - 120	<0.5	mg/L	0.46	25		
8234519	Dissolved Mercury (Hg)	2022/09/20	94	75 - 125	101	80 - 120	<0.00001	mg/L	NC	20		
8234975	Dissolved Mercury (Hg)	2022/09/20	99	75 - 125	101	80 - 120	<0.00001	mg/L	NC	20		
8235040	Total Organic Carbon (TOC)	2022/09/21	NC	80 - 120	100	80 - 120	<0.40	mg/L	0.40	20		
8235341	Mercury (Hg)	2022/09/20	95	75 - 125	102	80 - 120	<0.00001	mg/L	NC	20		
8235349	Dissolved Mercury (Hg)	2022/09/21	96	75 - 125	101	80 - 120	<0.00001	mg/L	NC	20		
8235703	Mercury (Hg)	2022/09/21	98	75 - 125	97	80 - 120	<0.00001	mg/L	NC	20		
8235708	Total Ammonia-N	2022/09/21	96	75 - 125	98	80 - 120	<0.050	mg/L	NC	20		
8235767	Total Kjeldahl Nitrogen (TKN)	2022/09/22	NC	80 - 120	96	80 - 120	<0.10	mg/L	0.82	20	98	N/A
8237633	Total Suspended Solids	2022/09/22					<1	mg/L	NC	25	96	85 - 115
8237699	Total Suspended Solids	2022/09/22					<1	mg/L	0	25	96	85 - 115



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764

Report Date: 2022/09/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: NS

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
8238139	Total Dissolved Solids	2022/09/22					<10	mg/L	0	25	100	90 - 110
8238155	Total Dissolved Solids	2022/09/22					<10	mg/L	2.6	25	95	90 - 110
8242779	Reactive Silica (SiO2)	2022/09/22	101	80 - 120	107	80 - 120	<0.050	mg/L				
8245284	Weak Acid Dissoc. Cyanide (CN)	2022/09/21	88	80 - 120	99	80 - 120	<0.00050	mg/L				
8245285	Strong Acid Dissoc. Cyanide (CN)	2022/09/21	93	80 - 120	92	80 - 120	<0.00050	mg/L				
8245286	Free Cyanide (CN)	2022/09/21	90	80 - 120	89	80 - 120	<2.0	ug/L				
8245287	Dissolved Sulphate (SO4)	2022/09/21	NC	80 - 120	99	80 - 120	<0.50	mg/L	0.12	20		
8245288	Reactive Silica (SiO2)	2022/09/22	NC	80 - 120	107	80 - 120	<0.050	mg/L				
8245291	Dissolved Sulphate (SO4)	2022/09/21	NC	80 - 120	97	80 - 120	<0.50	mg/L	0.59	20		
8247904	Reactive Silica (SiO2)	2022/09/22	102	80 - 120	101	80 - 120	<0.050	mg/L				
8248759	Strong Acid Dissoc. Cyanide (CN)	2022/09/21	84	80 - 120	100	80 - 120	<0.00050	mg/L				
8248760	Weak Acid Dissoc. Cyanide (CN)	2022/09/21	99	80 - 120	102	80 - 120	<0.00050	mg/L				
8250973	Weak Acid Dissoc. Cyanide (CN)		92	80 - 120	93	80 - 120	<0.00050	mg/L	NC	20		
8252552	Total Aluminum (Al)	2022/09/22	99	80 - 120	100	80 - 120	<0.50	ug/L	0.52	20		
8252552	Total Antimony (Sb)	2022/09/22	101	80 - 120	101	80 - 120	<0.020	ug/L	NC	20		
8252552	Total Arsenic (As)	2022/09/22	102	80 - 120	99	80 - 120	<0.020	ug/L	NC	20		
8252552	Total Barium (Ba)	2022/09/22	96	80 - 120	98	80 - 120	<0.020	ug/L	12	20		
8252552	Total Beryllium (Be)	2022/09/22	98	80 - 120	100	80 - 120	<0.010	ug/L	NC	20		
8252552	Total Bismuth (Bi)	2022/09/22	96	80 - 120	99	80 - 120	<0.0050	ug/L	NC	20		
8252552	Total Boron (B)	2022/09/22	96	80 - 120	97	80 - 120	<10	ug/L	NC	20		
8252552	Total Cadmium (Cd)	2022/09/22	100	80 - 120	100	80 - 120	<0.0050	ug/L	NC	20		
8252552	Total Chromium (Cr)	2022/09/22	100	80 - 120	102	80 - 120	<0.10	ug/L	5.7	20		
8252552	Total Copper (Cu)	2022/09/22	92	80 - 120	98	80 - 120	<0.050	ug/L	NC	20		
8252552	Total Iron (Fe)	2022/09/22	93	80 - 120	98	80 - 120	<1.0	ug/L	0.15	20		
8252552	Total Lead (Pb)	2022/09/22	99	80 - 120	100	80 - 120	<0.0050	ug/L	6.3	20		
8252552	Total Lithium (Li)	2022/09/22	91	80 - 120	92	80 - 120	<0.50	ug/L	NC	20		
8252552	Total Manganese (Mn)	2022/09/22	99	80 - 120	95	80 - 120	<0.050	ug/L	3.1	20		
8252552	Total Molybdenum (Mo)	2022/09/22	NC	80 - 120	101	80 - 120	<0.050	ug/L	NC	20		
8252552	Total Nickel (Ni)	2022/09/22	91	80 - 120	94	80 - 120	<0.020	ug/L	NC	20		
8252552	Total Selenium (Se)	2022/09/22	97	80 - 120	96	80 - 120	<0.040	ug/L	NC	20		
8252552	Total Silver (Ag)	2022/09/22	98	80 - 120	98	80 - 120	<0.0050	ug/L	NC	20		
8252552	Total Strontium (Sr)	2022/09/22	NC	80 - 120	99	80 - 120	<0.050	ug/L	NC	20		



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764

Report Date: 2022/09/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: NS

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
8252552	Total Thallium (Tl)	2022/09/22	99	80 - 120	99	80 - 120	<0.0020	ug/L	NC	20		
8252552	Total Tin (Sn)	2022/09/22	102	80 - 120	100	80 - 120	<0.20	ug/L	NC	20		
8252552	Total Titanium (Ti)	2022/09/22	99	80 - 120	99	80 - 120	<0.50	ug/L	NC	20		
8252552	Total Uranium (U)	2022/09/22	105	80 - 120	100	80 - 120	<0.0020	ug/L	NC	20		
8252552	Total Vanadium (V)	2022/09/22	102	80 - 120	97	80 - 120	<0.20	ug/L	NC	20		
8252552	Total Zinc (Zn)	2022/09/22	96	80 - 120	100	80 - 120	<0.10	ug/L	4.5	20		
8252553	Dissolved Aluminum (Al)	2022/09/23	106	80 - 120	104	80 - 120	<0.50	ug/L				
8252553	Dissolved Antimony (Sb)	2022/09/23	102	80 - 120	99	80 - 120	<0.020	ug/L				
8252553	Dissolved Arsenic (As)	2022/09/23	100	80 - 120	96	80 - 120	<0.020	ug/L				
8252553	Dissolved Barium (Ba)	2022/09/23	100	80 - 120	97	80 - 120	<0.020	ug/L				
8252553	Dissolved Beryllium (Be)	2022/09/23	105	80 - 120	99	80 - 120	<0.010	ug/L				
8252553	Dissolved Bismuth (Bi)	2022/09/23	96	80 - 120	96	80 - 120	<0.0050	ug/L				
8252553	Dissolved Boron (B)	2022/09/23	111	80 - 120	111	80 - 120	<10	ug/L				
8252553	Dissolved Cadmium (Cd)	2022/09/23	100	80 - 120	97	80 - 120	<0.0050	ug/L				
8252553	Dissolved Chromium (Cr)	2022/09/23	101	80 - 120	98	80 - 120	<0.10	ug/L				
8252553	Dissolved Copper (Cu)	2022/09/23	97	80 - 120	96	80 - 120	<0.050	ug/L				
8252553	Dissolved Iron (Fe)	2022/09/23	100	80 - 120	96	80 - 120	<1.0	ug/L				
8252553	Dissolved Lead (Pb)	2022/09/23	101	80 - 120	99	80 - 120	<0.0050	ug/L				
8252553	Dissolved Lithium (Li)	2022/09/23	102	80 - 120	99	80 - 120	<0.50	ug/L				
8252553	Dissolved Manganese (Mn)	2022/09/23	100	80 - 120	94	80 - 120	<0.050	ug/L				
8252553	Dissolved Molybdenum (Mo)	2022/09/23	NC	80 - 120	100	80 - 120	<0.050	ug/L				
8252553	Dissolved Nickel (Ni)	2022/09/23	92	80 - 120	92	80 - 120	<0.020	ug/L				
8252553	Dissolved Selenium (Se)	2022/09/23	111	80 - 120	105	80 - 120	<0.040	ug/L				
8252553	Dissolved Strontium (Sr)	2022/09/23	NC	80 - 120	94	80 - 120	<0.050	ug/L				
8252553	Dissolved Thallium (Tl)	2022/09/23	103	80 - 120	98	80 - 120	<0.0020	ug/L				
8252553	Dissolved Tin (Sn)	2022/09/23	103	80 - 120	99	80 - 120	<0.20	ug/L				
8252553	Dissolved Titanium (Ti)	2022/09/23	103	80 - 120	98	80 - 120	<0.50	ug/L				
8252553	Dissolved Uranium (U)	2022/09/23	107	80 - 120	101	80 - 120	<0.0020	ug/L				
8252553	Dissolved Vanadium (V)	2022/09/23	97	80 - 120	93	80 - 120	<0.20	ug/L				
8252553	Dissolved Zinc (Zn)	2022/09/23	100	80 - 120	102	80 - 120	<0.10	ug/L				
8252554	Dissolved Aluminum (Al)	2022/09/26			98	80 - 120	<0.50	ug/L				
8252554	Dissolved Antimony (Sb)	2022/09/26			106	80 - 120	<0.020	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764

Report Date: 2022/09/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: NS

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
8252554	Dissolved Chromium (Cr)	2022/09/26			104	80 - 120	<0.10	ug/L				
8252554	Dissolved Copper (Cu)	2022/09/26			107	80 - 120	<0.050	ug/L				
8252554	Dissolved Iron (Fe)	2022/09/26			103	80 - 120	<1.0	ug/L				
8252554	Dissolved Lead (Pb)	2022/09/26			100	80 - 120	<0.0050	ug/L				
8252554	Dissolved Nickel (Ni)	2022/09/26			100	80 - 120	<0.020	ug/L				
8252554	Dissolved Tin (Sn)	2022/09/26			105	80 - 120	<0.20	ug/L				
8252554	Dissolved Titanium (Ti)	2022/09/26			102	80 - 120	<0.50	ug/L				
8252554	Dissolved Zinc (Zn)	2022/09/26			111	80 - 120	<0.10	ug/L				
8252555	Dissolved Aluminum (Al)	2022/09/27			103	80 - 120	<0.50	ug/L				
8252555	Dissolved Barium (Ba)	2022/09/27			97	80 - 120	<0.020	ug/L				
8252555	Dissolved Chromium (Cr)	2022/09/27			97	80 - 120	<0.10	ug/L				
8252555	Dissolved Copper (Cu)	2022/09/27			96	80 - 120	<0.050	ug/L				
8252555	Dissolved Iron (Fe)	2022/09/27			101	80 - 120	<1.0	ug/L				
8252555	Dissolved Lead (Pb)	2022/09/27			101	80 - 120	<0.0050	ug/L				
8252555	Dissolved Nickel (Ni)	2022/09/27			99	80 - 120	<0.020	ug/L				
8252555	Dissolved Titanium (Ti)	2022/09/27			101	80 - 120	<0.50	ug/L				
8252555	Dissolved Zinc (Zn)	2022/09/27			107	80 - 120	<0.10	ug/L				
8252556	Dissolved Aluminum (Al)	2022/09/22	104	80 - 120	109	80 - 120	<0.50	ug/L				
8252556	Dissolved Antimony (Sb)	2022/09/22	98	80 - 120	102	80 - 120	<0.020	ug/L				
8252556	Dissolved Arsenic (As)	2022/09/22	102	80 - 120	102	80 - 120	<0.020	ug/L				
8252556	Dissolved Barium (Ba)	2022/09/22	95	80 - 120	100	80 - 120	<0.020	ug/L				
8252556	Dissolved Beryllium (Be)	2022/09/22	95	80 - 120	96	80 - 120	<0.010	ug/L				
8252556	Dissolved Bismuth (Bi)	2022/09/22	95	80 - 120	95	80 - 120	<0.0050	ug/L				
8252556	Dissolved Boron (B)	2022/09/22	106	80 - 120	103	80 - 120	<10	ug/L				
8252556	Dissolved Cadmium (Cd)	2022/09/22	99	80 - 120	101	80 - 120	<0.0050	ug/L				
8252556	Dissolved Chromium (Cr)	2022/09/22	98	80 - 120	103	80 - 120	<0.10	ug/L				
8252556	Dissolved Copper (Cu)	2022/09/22	97	80 - 120	102	80 - 120	<0.050	ug/L				
8252556	Dissolved Iron (Fe)	2022/09/22	100	80 - 120	96	80 - 120	<1.0	ug/L				
8252556	Dissolved Lead (Pb)	2022/09/22	100	80 - 120	98	80 - 120	<0.0050	ug/L				
8252556	Dissolved Lithium (Li)	2022/09/22	98	80 - 120	103	80 - 120	<0.50	ug/L				
8252556	Dissolved Manganese (Mn)	2022/09/22	91	80 - 120	96	80 - 120	<0.050	ug/L				
8252556	Dissolved Molybdenum (Mo)	2022/09/22	105	80 - 120	103	80 - 120	<0.050	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764

Report Date: 2022/09/30

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: MBK

Your P.O. #: 1121445

Sampler Initials: NS

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
8252556	Dissolved Nickel (Ni)	2022/09/22	91	80 - 120	97	80 - 120	<0.020	ug/L				
8252556	Dissolved Selenium (Se)	2022/09/22	104	80 - 120	101	80 - 120	<0.040	ug/L				
8252556	Dissolved Strontium (Sr)	2022/09/22	NC	80 - 120	95	80 - 120	<0.050	ug/L				
8252556	Dissolved Thallium (Tl)	2022/09/22	99	80 - 120	96	80 - 120	<0.0020	ug/L				
8252556	Dissolved Titanium (Ti)	2022/09/22	99	80 - 120	102	80 - 120	<0.50	ug/L				
8252556	Dissolved Uranium (U)	2022/09/22	100	80 - 120	99	80 - 120	<0.0020	ug/L				
8252556	Dissolved Vanadium (V)	2022/09/22	96	80 - 120	105	80 - 120	<0.20	ug/L				
8252556	Dissolved Zinc (Zn)	2022/09/22	99	80 - 120	106	80 - 120	<0.10	ug/L				
8253630	Total Phosphorus (P)	2022/09/28	123 (1)	80 - 120	95	80 - 120	<0.0010	mg/L			82	80 - 120
8253879	Total Phosphorus (P)	2022/09/28	106	80 - 120	95	80 - 120	<0.0010	mg/L			86	80 - 120
8253880	Strong Acid Dissoc. Cyanide (CN)		87	80 - 120	97	80 - 120	<0.00050	mg/L	NC	20		
8253881	Free Cyanide (CN)	2022/09/21	90	80 - 120	87	80 - 120	<2.0	ug/L				
8256158	Dissolved Bromide (Br-)	2022/09/28	96	80 - 120	97	80 - 120	<0.010	mg/L	13	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.

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.



VALIDATION SIGNATURE PAGE

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

Cristina Carriere

Cristina Carriere, Senior Scientific Specialist

David Huang

David Huang, BBY Scientific Specialist

Ghayasuddin Khan

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

Sandy Yuan

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

Suwan

Suwan (Sze Yeung) Fock, B.Sc., 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 Signature Page.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q7764
Report Date: 2022/09/30

Agnico Eagle
Site Location: MBK
Your P.O. #: 1121445
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.						

15-Sep-22 15:45
 Katherine Szozda
 C2Q7764
 N4 ENV-1309

Custody Tracking Form

eCOC Number
 T571504

This form is utilized for eCOC custody tracking when unable to print the document directly from the portal. Please ensure that you add the eCOC Number to the box on the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By			Received By		
Felix Quessy	July	Date	2022/09/12	Angela Souza	AST
		Time (24 HR)			
		Date			
		Time (24 HR)			
		Date			
		Time (24 HR)			

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>

Triage Information

Sampled By (Print)
 # of Coolers/Pkgs
 Rush
 Immediate Test
 Food Residue

Micro
 Food Chemistry

***** Laboratory Use Only *****

Received At	<input type="text"/>	Lab Comments: <input style="width: 150px; height: 60px;" type="text"/>	Custody Seal		Cooling Media Present (Y/N)	Temperature °C		
Labeled By	<input type="text"/>		Present (Y/N)	Intact (Y/N)		1	2	3
Verified By	<input type="text"/>							

RECEIVED IN OTTAWA

Appendix C-VII Analytical Report No. C2Q8661

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-07	MW-IPD-07	TTM747
MW-16-1	MW-16-1	TTM749



Your P.O. #: 1121445
 Your Project #: GROUNDWATER
 Site Location: Meadowbank
 Your C.O.C. #: 572880

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA P0X 0A1

Report Date: 2022/10/04
 Report #: R7328036
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C2Q8661

Received: 2022/09/16, 13:30

Sample Matrix: Ground Water
 # Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	2	N/A	2022/09/20	CAM SOP-00448	SM 23 2320 B m
Alkalinity (1)	2	N/A	2022/09/21	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	3	N/A	2022/09/21	CAM SOP-00102	APHA 4500-CO2 D
Carbonate, Bicarbonate and Hydroxide (1)	1	N/A	2022/09/22	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	4	N/A	2022/09/21	CAM SOP-00463	SM 23 4500-Cl E m
Conductivity (1)	2	N/A	2022/09/20	CAM SOP-00414	SM 23 2510 m
Conductivity (1)	2	N/A	2022/09/21	CAM SOP-00414	SM 23 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	4	N/A	2022/09/20	CAM SOP-00446	SM 23 5310 B m
Fluoride (1)	2	2022/09/19	2022/09/20	CAM SOP-00449	SM 23 4500-F C m
Fluoride (1)	2	2022/09/20	2022/09/21	CAM SOP-00449	SM 23 4500-F C m
Dissolved Mercury in Water by CVAA (1)	2	2022/09/21	2022/09/21	CAM SOP-00453	EPA 7470A m
Mercury in Water by CVAA (1)	2	2022/09/21	2022/09/21	CAM SOP-00453	EPA 7470A m
Dissolved Mercury (low level) (1)	2	2022/09/20	2022/09/20	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	2	2022/09/20	2022/09/20	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	4	2022/09/20	2022/09/22	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	4	N/A	2022/09/23		
Low Level Chloride and Sulphate by AC (2)	4	N/A	2022/09/23	AB SOP-00020 / AB SOP-00018	SM23 4500-CL/SO4-E m
Cyanide (Free) (2)	4	N/A	2022/09/22	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	4	N/A	2022/09/22	CAL SOP-00270	SM 23 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	4	N/A	2022/09/22	CAL SOP-00270	SM 23 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	4	N/A	2022/09/22	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2022/09/22	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	2	N/A	2022/09/24	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2022/09/30	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/10/03	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/09/22	BBY7SOP-00002	EPA 6020B R2 m
Elements by ICPMS Low Level (dissolved) (3)	2	N/A	2022/09/23	BBY7SOP-00002	EPA 6020B R2 m
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2022/09/29	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	4	N/A	2022/09/22	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	4	N/A	2022/09/22	BBY7SOP-00002	EPA 6020B R2 m



Your P.O. #: 1121445
 Your Project #: GROUNDWATER
 Site Location: Meadowbank
 Your C.O.C. #: 572880

Attention: Reporting

Agnico Eagle
 Meadowbank
 Meadowbank
 Keewatin, NU
 CANADA P0X 0A1

Report Date: 2022/10/04
 Report #: R7328036
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C2Q8661

Received: 2022/09/16, 13:30

Sample Matrix: Ground Water
 # Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Silica (Reactive) (2)	4	N/A	2022/09/26	AB SOP-00011	EPA370.1 R1978 m
Total Phosphorus Low Level Total (2)	3	2022/09/27	2022/09/28	AB SOP-00024	SM 23 4500-P A,B,F m
Total Phosphorus Low Level Total (2)	1	2022/09/28	2022/09/30	AB SOP-00024	SM 23 4500-P A,B,F m
Total Ammonia (as NH3) (1)	4	N/A	2022/09/22	Auto Calc.	
Ammonium as NH4+ (1)	4	N/A	2022/09/22		
Total Ammonia-N (1)	4	N/A	2022/09/21	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 6)	4	N/A	2022/09/22	CAM SOP-00440	SM 23 4500-NO3I/NO2B
pH (1)	2	2022/09/19	2022/09/20	CAM SOP-00413	SM 4500H+ B m
pH (1)	2	2022/09/20	2022/09/21	CAM SOP-00413	SM 4500H+ B m
Field Measured pH (1, 7)	4	N/A	2022/09/17		Field pH Meter
Orthophosphate (1)	4	N/A	2022/09/21	CAM SOP-00461	EPA 365.1 m
Redox Potential (1, 8)	4	2022/09/19	2022/09/23	CAM SOP-00421	SM 2580 B
Sodium Adsorption Ratio (SAR) (1)	4	N/A	2022/09/23	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (Calc. from EC) (1)	3	N/A	2022/09/21		Auto Calc
Total Dissolved Solids (Calc. from EC) (1)	1	N/A	2022/09/22		Auto Calc
Total Dissolved Solids (1)	4	2022/09/21	2022/09/22	CAM SOP-00428	SM 23 2540C m
Field Temperature (1, 7)	4	N/A	2022/09/17		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	3	2022/09/20	2022/09/21	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water (1)	1	2022/09/20	2022/09/22	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 9)	4	N/A	2022/09/22	CAM SOP-00446	SM 23 5310B m
Low Level Total Suspended Solids (1)	4	2022/09/21	2022/09/22	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	4	N/A	2022/09/19	CAM SOP-00417	SM 23 2130 B m
Un-ionized Ammonia (as N) (1, 10)	4	2022/09/17	2022/09/22	Calculation	Calculation

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



Your P.O. #: 1121445
Your Project #: GROUNDWATER
Site Location: Meadowbank
Your C.O.C. #: 572880

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2022/10/04
Report #: R7328036
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C2Q8661

Received: 2022/09/16, 13:30

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 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) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
- (5) "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).
- (6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (7) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (8) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (9) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (10) Un-ionized ammonia is calculated using the total ammonia result and field data provided by the client for pH and temperature.

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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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 Signature Page.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM747			TTM747			TTM748		
Sampling Date		2022/09/12 14:00			2022/09/12 14:00			2022/09/12 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07a	RDL	QC Batch	MW-IPD-07a Lab-Dup	RDL	QC Batch	MW-IPD-07b	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH3)	mg/L	0.13	0.061	8231382				0.14	0.061	8231382
Ammonium (NH4)	mg/L	0.13	0.05	8231668				0.13	0.05	8231668
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	100	1.0	8231222				94	1.0	8231222
Carb. Alkalinity (calc. as CaCO3)	mg/L	1.8	1.0	8231222				1.4	1.0	8231222
Total dissolved solids (calc., EC)	mg/L	161	10	8231379				163	10	8231379
Sodium Adsorption Ratio	N/A	1.3		8231383				1.3		8231383

CONVENTIONALS										
Redox Potential	mV	170	N/A	8232784				160	N/A	8232784

Field Measurements										
Field Temperature	Celsius	19.94	N/A	ONSITE				19.94	N/A	ONSITE
Field Measured pH	pH	8.51		ONSITE				8.51		ONSITE

Inorganics										
Total Ammonia-N	mg/L	0.11	0.050	8235710				0.12	0.050	8235710
Dissolved Bromide (Br-)	mg/L	0.093	0.010	8248762				0.068	0.010	8248762
Conductivity	umho/cm	260	1.0	8233819				270	1.0	8236771
Free Cyanide (CN)	ug/L	2.2 (1)	2.0	8246531				<2.0 (1)	2.0	8246531
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00291	0.00050	8246527				0.00068	0.00050	8246527
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.00089	0.00050	8246528				0.00076	0.00050	8246528
Total Dissolved Solids	mg/L	130	10	8238173				115	10	8237931
Fluoride (F-)	mg/L	1.2	0.10	8233783				1.1	0.10	8236769
Total Kjeldahl Nitrogen (TKN)	mg/L	0.29	0.10	8235917				0.27	0.10	8235917
Dissolved Organic Carbon	mg/L	1.2	0.40	8234128				1.2	0.40	8234109
Total Organic Carbon (TOC)	mg/L	1.3	0.40	8236274				1.4	0.40	8236274
Orthophosphate (P)	mg/L	0.036	0.010	8234018				0.030	0.010	8234018
pH	pH	8.29		8233813				8.19		8236782
Reactive Silica (SiO2)	mg/L	8.5	0.050	8248761	8.3	0.050	8248761	8.0	0.050	8248761

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM747			TTM747			TTM748		
Sampling Date		2022/09/12 14:00			2022/09/12 14:00			2022/09/12 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07a	RDL	QC Batch	MW-IPD-07a Lab-Dup	RDL	QC Batch	MW-IPD-07b	RDL	QC Batch
Total Suspended Solids	mg/L	<1	1	8237633	<1	1	8237633	<1	1	8237633
Turbidity	NTU	0.4	0.1	8233064				0.4	0.1	8233064
Alkalinity (Total as CaCO3)	mg/L	100	1.0	8233812				95	1.0	8236770
Dissolved Chloride (Cl-)	mg/L	6.8	1.0	8234023				6.9	1.0	8234023
Nitrite (N)	mg/L	<0.010	0.010	8234078				<0.010	0.010	8234078
Nitrate (N)	mg/L	<0.10	0.10	8234078				<0.10	0.10	8234078
Dissolved Sulphate (SO4)	mg/L	24	0.50	8247658				26	0.50	8247658
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8234078				<0.10	0.10	8234078
Un-ionized Ammonia (as N)	mg/L	0.012	0.0057	8231670				0.013	0.0057	8231670
Metals										
Dissolved Aluminum (Al)	ug/L	1.10	0.50	8263981				7.41	0.50	8263983
Total Aluminum (Al)	ug/L	35.1	0.50	8263980				47.9	0.50	8263980
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8263981				<0.020	0.020	8263983
Total Antimony (Sb)	ug/L	<0.020	0.020	8263980				<0.020	0.020	8263980
Dissolved Arsenic (As)	ug/L	5.81	0.020	8263981				5.59	0.020	8263983
Total Arsenic (As)	ug/L	5.59	0.020	8263980				5.14	0.020	8263980
Dissolved Barium (Ba)	ug/L	11.6	0.020	8263981				11.2	0.020	8263983
Total Barium (Ba)	ug/L	12.8	0.020	8263980				12.7	0.020	8263980
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8263981				<0.010	0.010	8263983
Total Beryllium (Be)	ug/L	<0.010	0.010	8263980				<0.010	0.010	8263980
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8263981				<0.0050	0.0050	8263983
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	8263980				<0.0050	0.0050	8263980
Dissolved Boron (B)	ug/L	248	10	8263981				259	10	8263983
Total Boron (B)	ug/L	251	10	8263980				247	10	8263980
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8263981				<0.0050	0.0050	8263983
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	8263980				0.0051	0.0050	8263980
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	8263981				0.11	0.10	8263983
Total Chromium (Cr)	ug/L	0.62	0.10	8263980				0.52	0.10	8263980
Dissolved Copper (Cu)	ug/L	0.066	0.050	8263981				0.114	0.050	8263983
Total Copper (Cu)	ug/L	0.270	0.050	8263980				0.496	0.050	8263980
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM747			TTM747			TTM748		
Sampling Date		2022/09/12 14:00			2022/09/12 14:00			2022/09/12 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07a	RDL	QC Batch	MW-IPD-07a Lab-Dup	RDL	QC Batch	MW-IPD-07b	RDL	QC Batch
Dissolved Iron (Fe)	ug/L	17.2	1.0	8263981				85.0	1.0	8263983
Total Iron (Fe)	ug/L	183	1.0	8263980				146	1.0	8263980
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	8263981				0.0327	0.0050	8263983
Total Lead (Pb)	ug/L	0.101	0.0050	8263980				0.196	0.0050	8263980
Dissolved Lithium (Li)	ug/L	5.59	0.50	8263981				5.58	0.50	8263983
Total Lithium (Li)	ug/L	5.48	0.50	8263980				5.60	0.50	8263980
Dissolved Manganese (Mn)	ug/L	58.2	0.050	8263981				55.8	0.050	8263983
Total Manganese (Mn)	ug/L	60.7	0.050	8263980				55.8	0.050	8263980
Dissolved Molybdenum (Mo)	ug/L	7.07	0.050	8263981				6.85	0.050	8263983
Total Molybdenum (Mo)	ug/L	6.87	0.050	8263980				6.51	0.050	8263980
Dissolved Nickel (Ni)	ug/L	0.090	0.020	8263981				0.127	0.020	8263983
Total Nickel (Ni)	ug/L	0.321	0.020	8263980				0.651	0.020	8263980
Dissolved Selenium (Se)	ug/L	<0.040	0.040	8263981				1.40	0.040	8263983
Total Selenium (Se)	ug/L	1.55	0.040	8263980				1.36	0.040	8263980
Total Silver (Ag)	ug/L	<0.0050	0.0050	8263980				<0.0050	0.0050	8263980
Dissolved Strontium (Sr)	ug/L	166	0.050	8263981				155	0.050	8263983
Total Strontium (Sr)	ug/L	158	0.050	8263980				153	0.050	8263980
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8263981				<0.0020	0.0020	8263983
Total Thallium (Tl)	ug/L	<0.0020	0.0020	8263980				<0.0020	0.0020	8263980
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8263981				<0.20	0.20	8263983
Total Tin (Sn)	ug/L	<0.20	0.20	8263980				<0.20	0.20	8263980
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8263981				<0.50	0.50	8263983
Total Titanium (Ti)	ug/L	1.07	0.50	8263980				1.08	0.50	8263980
Dissolved Uranium (U)	ug/L	0.0646	0.0020	8263981				0.0632	0.0020	8263983
Total Uranium (U)	ug/L	0.0667	0.0020	8263980				0.0647	0.0020	8263980
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8263981				<0.20	0.20	8263983
Total Vanadium (V)	ug/L	<0.20	0.20	8263980				0.86	0.20	8263980
Dissolved Zinc (Zn)	ug/L	0.20	0.10	8263981				2.94	0.10	8263983
Total Zinc (Zn)	ug/L	5.15	0.10	8263980				8.95	0.10	8263980
Dissolved Calcium (Ca)	mg/L	16.5	0.050	8263982				15.8	0.050	8263982
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM747			TTM747			TTM748		
Sampling Date		2022/09/12 14:00			2022/09/12 14:00			2022/09/12 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07a	RDL	QC Batch	MW-IPD-07a Lab-Dup	RDL	QC Batch	MW-IPD-07b	RDL	QC Batch
Total Calcium (Ca)	mg/L	17.4	0.050	8263979				16.2	0.050	8263979
Dissolved Magnesium (Mg)	mg/L	8.55	0.050	8263982				8.62	0.050	8263982
Total Magnesium (Mg)	mg/L	9.07	0.050	8263979				8.34	0.050	8263979
Dissolved Potassium (K)	mg/L	2.08	0.050	8263982				2.01	0.050	8263982
Total Potassium (K)	mg/L	2.09	0.050	8263979				1.97	0.050	8263979
Dissolved Sodium (Na)	mg/L	24.0	0.050	8263982				23.6	0.050	8263982
Total Sodium (Na)	mg/L	24.0	0.050	8263979				22.6	0.050	8263979
Nutritional Parameters										
Total Phosphorus (P)	mg/L	0.035	0.0010	8253630				0.035	0.0010	8253630
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM748			TTM749			TTM749		
Sampling Date		2022/09/12 14:00			2022/09/13 14:00			2022/09/13 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07b Lab-Dup	RDL	QC Batch	MW-16-01a	RDL	QC Batch	MW-16-01a Lab-Dup	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH3)	mg/L				8.5	0.061	8231382			
Ammonium (NH4)	mg/L				9.0	0.05	8231668			
Bicarb. Alkalinity (calc. as CaCO3)	mg/L				150	1.0	8231222			
Carb. Alkalinity (calc. as CaCO3)	mg/L				<1.0	1.0	8231222			
Total dissolved solids (calc., EC)	mg/L				2300	10	8231379			
Sodium Adsorption Ratio	N/A				4.3		8231383			

CONVENTIONALS										
Redox Potential	mV				190	N/A	8232784			

Field Measurements										
Field Temperature	Celsius				1.86	N/A	ONSITE			
Field Measured pH	pH				7.8		ONSITE			

Inorganics										
Total Ammonia-N	mg/L				7.0	0.050	8235710			
Dissolved Bromide (Br-)	mg/L				1.7 (1)	0.050	8248762			
Conductivity	umho/cm	270	1.0	8236771	2900	1.0	8233819			
Free Cyanide (CN)	ug/L				17 (2)	2.0	8246531			
Strong Acid Dissoc. Cyanide (CN)	mg/L				0.0345	0.00050	8246527			
Weak Acid Dissoc. Cyanide (CN)	mg/L				0.021	0.00050	8246528			
Total Dissolved Solids	mg/L				1960	10	8238173			
Fluoride (F-)	mg/L	1.1	0.10	8236769	0.36	0.10	8233783			
Total Kjeldahl Nitrogen (TKN)	mg/L				35	2.0	8235917	35	2.0	8235917
Dissolved Organic Carbon	mg/L				27	0.40	8234109			
Total Organic Carbon (TOC)	mg/L				26	0.40	8236274			
Orthophosphate (P)	mg/L				0.024	0.010	8234018	0.011	0.010	8234018
pH	pH	8.22		8236782	7.80		8233813			

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 Lab-Dup = Laboratory Initiated Duplicate
 N/A = Not Applicable
 (1) Detection limits raised due to matrix interference.
 (2) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM748			TTM749			TTM749		
Sampling Date		2022/09/12 14:00			2022/09/13 14:00			2022/09/13 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07b Lab-Dup	RDL	QC Batch	MW-16-01a	RDL	QC Batch	MW-16-01a Lab-Dup	RDL	QC Batch
Reactive Silica (SiO2)	mg/L				9.1	0.050	8248761			
Total Suspended Solids	mg/L				12	1	8237656			
Turbidity	NTU				57	0.1	8233064	56	0.1	8233064
Alkalinity (Total as CaCO3)	mg/L	96	1.0	8236770	150	1.0	8233812			
Dissolved Chloride (Cl-)	mg/L				220	3.0	8234023	230	3.0	8234023
Nitrite (N)	mg/L				<0.010	0.010	8234078			
Nitrate (N)	mg/L				<0.10	0.10	8234078			
Dissolved Sulphate (SO4)	mg/L				1200	13	8247658			
Nitrate + Nitrite (N)	mg/L				<0.10	0.10	8234078			
Un-ionized Ammonia (as N)	mg/L				0.042	0.0004	8231670			
Metals										
Dissolved Aluminum (Al)	ug/L				151	0.50	8263984			
Total Aluminum (Al)	ug/L				23.2	1.0	8263980			
Dissolved Antimony (Sb)	ug/L				0.037	0.020	8250047			
Total Antimony (Sb)	ug/L				<0.040	0.040	8263980			
Dissolved Arsenic (As)	ug/L				185	0.020	8250047			
Total Arsenic (As)	ug/L				171	0.040	8263980			
Dissolved Barium (Ba)	ug/L				21.5	0.020	8250047			
Total Barium (Ba)	ug/L				20.3	0.040	8263980			
Dissolved Beryllium (Be)	ug/L				0.021	0.010	8250047			
Total Beryllium (Be)	ug/L				<0.020	0.020	8263980			
Dissolved Bismuth (Bi)	ug/L				0.0108	0.0050	8250047			
Total Bismuth (Bi)	ug/L				<0.010	0.010	8263980			
Dissolved Boron (B)	ug/L				97	10	8250047			
Total Boron (B)	ug/L				102	20	8263980			
Dissolved Cadmium (Cd)	ug/L				0.0256	0.0050	8250047			
Total Cadmium (Cd)	ug/L				<0.010	0.010	8263980			
Dissolved Chromium (Cr)	ug/L				1.32	0.10	8263984			
Total Chromium (Cr)	ug/L				0.41	0.20	8263980			
Dissolved Copper (Cu)	ug/L				2.97	0.050	8263984			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM748			TTM749			TTM749		
Sampling Date		2022/09/12 14:00			2022/09/13 14:00			2022/09/13 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07b Lab-Dup	RDL	QC Batch	MW-16-01a	RDL	QC Batch	MW-16-01a Lab-Dup	RDL	QC Batch
Total Copper (Cu)	ug/L				0.38	0.10	8263980			
Dissolved Iron (Fe)	ug/L				5360	1.0	8250047			
Total Iron (Fe)	ug/L				4550	2.0	8263980			
Dissolved Lead (Pb)	ug/L				4.10	0.0050	8263984			
Total Lead (Pb)	ug/L				0.173	0.010	8263980			
Dissolved Lithium (Li)	ug/L				10.9	0.50	8250047			
Total Lithium (Li)	ug/L				10.9	1.0	8263980			
Dissolved Manganese (Mn)	ug/L				2180	0.050	8250047			
Total Manganese (Mn)	ug/L				2000	0.10	8263980			
Dissolved Molybdenum (Mo)	ug/L				48.0	0.050	8250047			
Total Molybdenum (Mo)	ug/L				43.5	0.10	8263980			
Dissolved Nickel (Ni)	ug/L				3.40	0.020	8263984			
Total Nickel (Ni)	ug/L				1.29	0.040	8263980			
Dissolved Selenium (Se)	ug/L				0.071	0.040	8250047			
Total Selenium (Se)	ug/L				<0.080	0.080	8263980			
Total Silver (Ag)	ug/L				<0.010	0.010	8263980			
Dissolved Strontium (Sr)	ug/L				1110	0.050	8250047			
Total Strontium (Sr)	ug/L				1040	0.10	8263980			
Dissolved Thallium (Tl)	ug/L				0.0041	0.0020	8250047			
Total Thallium (Tl)	ug/L				<0.0040	0.0040	8263980			
Dissolved Tin (Sn)	ug/L				<0.20	0.20	8250047			
Total Tin (Sn)	ug/L				<0.40	0.40	8263980			
Dissolved Titanium (Ti)	ug/L				1.61	0.50	8250047			
Total Titanium (Ti)	ug/L				<1.0	1.0	8263980			
Dissolved Uranium (U)	ug/L				6.08	0.0020	8250047			
Total Uranium (U)	ug/L				5.51	0.0040	8263980			
Dissolved Vanadium (V)	ug/L				<0.20	0.20	8250047			
Total Vanadium (V)	ug/L				<0.40	0.40	8263980			
Dissolved Zinc (Zn)	ug/L				20.8	0.10	8263984			
Total Zinc (Zn)	ug/L				2.91	0.20	8263980			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



**BUREAU
VERITAS**

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM748			TTM749			TTM749		
Sampling Date		2022/09/12 14:00			2022/09/13 14:00			2022/09/13 14:00		
COC Number		572880			572880			572880		
	UNITS	MW-IPD-07b Lab-Dup	RDL	QC Batch	MW-16-01a	RDL	QC Batch	MW-16-01a Lab-Dup	RDL	QC Batch
Dissolved Calcium (Ca)	mg/L				237	0.050	8263982			
Total Calcium (Ca)	mg/L				211	0.10	8263979			
Dissolved Magnesium (Mg)	mg/L				90.6	0.050	8263982			
Total Magnesium (Mg)	mg/L				88.2	0.10	8263979			
Dissolved Potassium (K)	mg/L				16.5	0.050	8263982			
Total Potassium (K)	mg/L				15.3	0.10	8263979			
Dissolved Sodium (Na)	mg/L				272	0.050	8263982			
Total Sodium (Na)	mg/L				266	0.10	8263979			
Nutritional Parameters										
Total Phosphorus (P)	mg/L				0.061 (1)	0.0010	8253630			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate (1) Matrix Spike exceeds acceptance limits due to matrix interference. Reanalysis yields similar results.										



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM750		
Sampling Date		2022/09/13 14:00		
COC Number		572880		
	UNITS	MW-16-01b	RDL	QC Batch
Calculated Parameters				
Total Ammonia (as NH3)	mg/L	8.5	0.061	8231382
Ammonium (NH4)	mg/L	8.9	0.05	8231668
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	140	1.0	8231222
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	8231222
Total dissolved solids (calc., EC)	mg/L	2250	10	8231379
Sodium Adsorption Ratio	N/A	4.3		8231383
CONVENTIONALS				
Redox Potential	mV	180	N/A	8232784
Field Measurements				
Field Temperature	Celsius	1.86	N/A	ONSITE
Field Measured pH	pH	7.8		ONSITE
Inorganics				
Total Ammonia-N	mg/L	7.0	0.050	8235710
Dissolved Bromide (Br-)	mg/L	2.5	0.10	8248762
Conductivity	umho/cm	2900	1.0	8236771
Free Cyanide (CN)	ug/L	18 (1)	2.0	8246531
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.0336	0.00050	8246527
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.020	0.00050	8246528
Total Dissolved Solids	mg/L	2050	10	8238173
Fluoride (F-)	mg/L	0.33	0.10	8236769
Total Kjeldahl Nitrogen (TKN)	mg/L	35	2.0	8235767
Dissolved Organic Carbon	mg/L	27	0.40	8234128
Total Organic Carbon (TOC)	mg/L	26	0.40	8236274
Orthophosphate (P)	mg/L	<0.010	0.010	8234018
pH	pH	7.80		8236782
Reactive Silica (SiO2)	mg/L	8.7	0.050	8248761
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable (1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results.				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM750		
Sampling Date		2022/09/13 14:00		
COC Number		572880		
	UNITS	MW-16-01b	RDL	QC Batch
Total Suspended Solids	mg/L	12	1	8237633
Turbidity	NTU	65	0.1	8233064
Alkalinity (Total as CaCO3)	mg/L	140	1.0	8236770
Dissolved Chloride (Cl-)	mg/L	230	3.0	8234023
Nitrite (N)	mg/L	<0.010	0.010	8234078
Nitrate (N)	mg/L	<0.10	0.10	8234078
Dissolved Sulphate (SO4)	mg/L	1200	13	8247658
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	8234078
Un-ionized Ammonia (as N)	mg/L	0.042	0.0004	8231670
Metals				
Dissolved Aluminum (Al)	ug/L	6.83	0.50	8250047
Total Aluminum (Al)	ug/L	19.8	1.0	8263980
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	8250047
Total Antimony (Sb)	ug/L	<0.040	0.040	8263980
Dissolved Arsenic (As)	ug/L	177	0.020	8250047
Total Arsenic (As)	ug/L	171	0.040	8263980
Dissolved Barium (Ba)	ug/L	19.4	0.020	8250047
Total Barium (Ba)	ug/L	20.4	0.040	8263980
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	8250047
Total Beryllium (Be)	ug/L	<0.020	0.020	8263980
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	8250047
Total Bismuth (Bi)	ug/L	<0.010	0.010	8263980
Dissolved Boron (B)	ug/L	98	10	8250047
Total Boron (B)	ug/L	100	20	8263980
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	8250047
Total Cadmium (Cd)	ug/L	<0.010	0.010	8263980
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	8250047
Total Chromium (Cr)	ug/L	0.29	0.20	8263980
Dissolved Copper (Cu)	ug/L	0.193	0.050	8250047
Total Copper (Cu)	ug/L	0.41	0.10	8263980
Dissolved Iron (Fe)	ug/L	4660	1.0	8250047
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM750		
Sampling Date		2022/09/13 14:00		
COC Number		572880		
	UNITS	MW-16-01b	RDL	QC Batch
Total Iron (Fe)	ug/L	4630	2.0	8263980
Dissolved Lead (Pb)	ug/L	0.0293	0.0050	8250047
Total Lead (Pb)	ug/L	0.149	0.010	8263980
Dissolved Lithium (Li)	ug/L	10.6	0.50	8250047
Total Lithium (Li)	ug/L	11.1	1.0	8263980
Dissolved Manganese (Mn)	ug/L	2160	0.050	8250047
Total Manganese (Mn)	ug/L	2030	0.10	8263980
Dissolved Molybdenum (Mo)	ug/L	47.3	0.050	8250047
Total Molybdenum (Mo)	ug/L	44.3	0.10	8263980
Dissolved Nickel (Ni)	ug/L	1.15	0.020	8250047
Total Nickel (Ni)	ug/L	1.35	0.040	8263980
Dissolved Selenium (Se)	ug/L	0.065	0.040	8250047
Total Selenium (Se)	ug/L	<0.080	0.080	8263980
Total Silver (Ag)	ug/L	<0.010	0.010	8263980
Dissolved Strontium (Sr)	ug/L	1060	0.050	8250047
Total Strontium (Sr)	ug/L	1040	0.10	8263980
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	8250047
Total Thallium (Tl)	ug/L	<0.0040	0.0040	8263980
Dissolved Tin (Sn)	ug/L	<0.20	0.20	8250047
Total Tin (Sn)	ug/L	<0.40	0.40	8263980
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	8250047
Total Titanium (Ti)	ug/L	<1.0	1.0	8263980
Dissolved Uranium (U)	ug/L	5.75	0.0020	8250047
Total Uranium (U)	ug/L	5.60	0.0040	8263980
Dissolved Vanadium (V)	ug/L	<0.20	0.20	8250047
Total Vanadium (V)	ug/L	<0.40	0.40	8263980
Dissolved Zinc (Zn)	ug/L	2.04	0.10	8250047
Total Zinc (Zn)	ug/L	2.95	0.20	8263980
Dissolved Calcium (Ca)	mg/L	229	0.050	8263982
Total Calcium (Ca)	mg/L	211	0.10	8263979
Dissolved Magnesium (Mg)	mg/L	88.0	0.050	8263982
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		TTM750		
Sampling Date		2022/09/13 14:00		
COC Number		572880		
	UNITS	MW-16-01b	RDL	QC Batch
Total Magnesium (Mg)	mg/L	88.3	0.10	8263979
Dissolved Potassium (K)	mg/L	15.9	0.050	8263982
Total Potassium (K)	mg/L	15.3	0.10	8263979
Dissolved Sodium (Na)	mg/L	267	0.050	8263982
Total Sodium (Na)	mg/L	265	0.10	8263979
Nutritional Parameters				
Total Phosphorus (P)	mg/L	0.049	0.0010	8258774
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



**BUREAU
VERITAS**

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)

Bureau Veritas ID		TTM747	TTM748			TTM749	TTM750		
Sampling Date		2022/09/12 14:00	2022/09/12 14:00			2022/09/13 14:00	2022/09/13 14:00		
COC Number		572880	572880			572880	572880		
	UNITS	MW-IPD-07a	MW-IPD-07b	RDL	QC Batch	MW-16-01a	MW-16-01b	RDL	QC Batch
Calculated Parameters									
Total Hardness (CaCO3)	mg/L	80.7	74.8	0.50	8247299	889	891	0.50	8247299
Metals									
Dissolved Calcium (Ca)	mg/L	17	17	0.05	8235360	240	240	0.05	8235360
Dissolved Magnesium (Mg)	mg/L	8.4	8.7	0.05	8235360	89	90	0.05	8235360
Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	8234517	<0.00010	<0.00010	0.00010	8238069
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	8234519	<0.00010	<0.00010	0.00010	8237504
Dissolved Potassium (K)	mg/L	2	2	1	8235360	18	18	1	8235360
Dissolved Sodium (Na)	mg/L	26	26	0.5	8235360	310	310	0.5	8235360
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TTM747
Sample ID: MW-IPD-07a
Matrix: Ground Water

Collected: 2022/09/12
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8233812	N/A	2022/09/20	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	8231222	N/A	2022/09/21	Automated Statchk
Chloride by Automated Colourimetry	KONE	8234023	N/A	2022/09/21	Alina Dobreanu
Conductivity	AT	8233819	N/A	2022/09/20	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8234128	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8233783	2022/09/19	2022/09/20	Kien Tran
Dissolved Mercury (low level)	CV/AA	8234519	2022/09/20	2022/09/20	Japneet Gill
Mercury (low level)	CV/AA	8234517	2022/09/20	2022/09/20	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8235360	2022/09/20	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8248762	N/A	2022/09/23	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8247658	N/A	2022/09/23	Tyler Orr
Cyanide (Free)	SPEC	8246531	N/A	2022/09/22	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8246527	N/A	2022/09/22	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8246528	N/A	2022/09/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8247299	N/A	2022/09/22	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8263982	N/A	2022/09/30	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8263981	N/A	2022/09/29	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8263979	N/A	2022/09/22	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8263980	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8248761	N/A	2022/09/26	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8231382	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8231668	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235710	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8234078	N/A	2022/09/22	Chandra Nandlal
pH	AT	8233813	2022/09/19	2022/09/20	Kien Tran
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Orthophosphate	KONE	8234018	N/A	2022/09/21	Samuel Law
Redox Potential	COND	8232784	2022/09/19	2022/09/23	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8231383	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8231379	N/A	2022/09/21	Automated Statchk
Total Dissolved Solids	BAL	8238173	2022/09/21	2022/09/22	Masood Siddiqui
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8235917	2022/09/20	2022/09/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8236274	N/A	2022/09/22	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8233064	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8231670	2022/09/22	2022/09/22	Automated Statchk



TEST SUMMARY

Bureau Veritas ID: TTM747 Dup
Sample ID: MW-IPD-07a
Matrix: Ground Water

Collected: 2022/09/12
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Silica (Reactive)	KONE	8248761	N/A	2022/09/26	Shanna McKort
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall

Bureau Veritas ID: TTM748
Sample ID: MW-IPD-07b
Matrix: Ground Water

Collected: 2022/09/12
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8236770	N/A	2022/09/21	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	8231222	N/A	2022/09/21	Automated Statchk
Chloride by Automated Colourimetry	KONE	8234023	N/A	2022/09/21	Alina Dobreanu
Conductivity	AT	8236771	N/A	2022/09/21	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8234109	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8236769	2022/09/20	2022/09/21	Kien Tran
Dissolved Mercury (low level)	CV/AA	8234519	2022/09/20	2022/09/20	Japneet Gill
Mercury (low level)	CV/AA	8234517	2022/09/20	2022/09/20	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8235360	2022/09/20	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8248762	N/A	2022/09/23	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8247658	N/A	2022/09/23	Tyler Orr
Cyanide (Free)	SPEC	8246531	N/A	2022/09/22	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8246527	N/A	2022/09/22	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8246528	N/A	2022/09/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8247299	N/A	2022/09/22	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8263982	N/A	2022/09/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8263983	N/A	2022/09/22	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8263979	N/A	2022/09/22	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8263980	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8248761	N/A	2022/09/26	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8231382	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8231668	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235710	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8234078	N/A	2022/09/22	Chandra Nandlal
pH	AT	8236782	2022/09/20	2022/09/21	Kien Tran
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Orthophosphate	KONE	8234018	N/A	2022/09/21	Samuel Law
Redox Potential	COND	8232784	2022/09/19	2022/09/23	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8231383	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8231379	N/A	2022/09/21	Automated Statchk
Total Dissolved Solids	BAL	8237931	2022/09/21	2022/09/22	Masood Siddiqui
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8235917	2022/09/20	2022/09/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8236274	N/A	2022/09/22	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TTM748
Sample ID: MW-IPD-07b
Matrix: Ground Water

Collected: 2022/09/12
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Turbidity	AT	8233064	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8231670	2022/09/22	2022/09/22	Automated Statchk

Bureau Veritas ID: TTM748 Dup
Sample ID: MW-IPD-07b
Matrix: Ground Water

Collected: 2022/09/12
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8236770	N/A	2022/09/21	Kien Tran
Conductivity	AT	8236771	N/A	2022/09/21	Kien Tran
Fluoride	ISE	8236769	2022/09/20	2022/09/21	Kien Tran
pH	AT	8236782	2022/09/20	2022/09/21	Kien Tran

Bureau Veritas ID: TTM749
Sample ID: MW-16-01a
Matrix: Ground Water

Collected: 2022/09/13
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8233812	N/A	2022/09/20	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	8231222	N/A	2022/09/21	Automated Statchk
Chloride by Automated Colourimetry	KONE	8234023	N/A	2022/09/21	Alina Dobreanu
Conductivity	AT	8233819	N/A	2022/09/20	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8234109	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8233783	2022/09/19	2022/09/20	Kien Tran
Dissolved Mercury in Water by CVAA	CV/AA	8237504	2022/09/21	2022/09/21	Japneet Gill
Mercury in Water by CVAA	CV/AA	8238069	2022/09/21	2022/09/21	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8235360	2022/09/20	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8248762	N/A	2022/09/23	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8247658	N/A	2022/09/23	Tyler Orr
Cyanide (Free)	SPEC	8246531	N/A	2022/09/22	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8246527	N/A	2022/09/22	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8246528	N/A	2022/09/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8247299	N/A	2022/09/22	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8263982	N/A	2022/09/24	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	8263984	N/A	2022/10/03	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8263979	N/A	2022/09/22	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8263980	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8248761	N/A	2022/09/26	Shanna McKort
Total Phosphorus Low Level Total	KONE	8253630	2022/09/27	2022/09/28	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	8231382	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8231668	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235710	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8234078	N/A	2022/09/22	Chandra Nandlal
pH	AT	8233813	2022/09/19	2022/09/20	Kien Tran



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TTM749
Sample ID: MW-16-01a
Matrix: Ground Water

Collected: 2022/09/13
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Orthophosphate	KONE	8234018	N/A	2022/09/21	Samuel Law
Redox Potential	COND	8232784	2022/09/19	2022/09/23	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8231383	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8231379	N/A	2022/09/21	Automated Statchk
Total Dissolved Solids	BAL	8238173	2022/09/21	2022/09/22	Masood Siddiqui
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8235917	2022/09/20	2022/09/21	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	8236274	N/A	2022/09/22	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237656	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8233064	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8231670	2022/09/22	2022/09/22	Automated Statchk

Bureau Veritas ID: TTM749 Dup
Sample ID: MW-16-01a
Matrix: Ground Water

Collected: 2022/09/13
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	8234023	N/A	2022/09/21	Alina Dobreanu
Orthophosphate	KONE	8234018	N/A	2022/09/21	Samuel Law
Total Kjeldahl Nitrogen in Water	SKAL	8235917	2022/09/20	2022/09/21	Rajni Tyagi
Turbidity	AT	8233064	N/A	2022/09/19	Roya Fathitil

Bureau Veritas ID: TTM750
Sample ID: MW-16-01b
Matrix: Ground Water

Collected: 2022/09/13
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	8236770	N/A	2022/09/21	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	8231222	N/A	2022/09/22	Automated Statchk
Chloride by Automated Colourimetry	KONE	8234023	N/A	2022/09/21	Alina Dobreanu
Conductivity	AT	8236771	N/A	2022/09/21	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	8234128	N/A	2022/09/20	Nimarta Singh
Fluoride	ISE	8236769	2022/09/20	2022/09/21	Kien Tran
Dissolved Mercury in Water by CVAA	CV/AA	8237504	2022/09/21	2022/09/21	Japneet Gill
Mercury in Water by CVAA	CV/AA	8238069	2022/09/21	2022/09/21	Japneet Gill
Lab Filtered Metals Analysis by ICP	ICP	8235360	2022/09/20	2022/09/22	Indira HarryPaul
Bromide in water by IC	IC/UV	8248762	N/A	2022/09/23	Taylor Mullings
Low Level Chloride and Sulphate by AC	KONE	8247658	N/A	2022/09/23	Tyler Orr
Cyanide (Free)	SPEC	8246531	N/A	2022/09/22	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	8246527	N/A	2022/09/22	Zoe Wu
Cyanide WAD (weak acid dissociable)	TECH	8246528	N/A	2022/09/22	Zoe Wu
Hardness Total (calculated as CaCO3)	CALC	8247299	N/A	2022/09/22	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	8263982	N/A	2022/09/24	Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

TEST SUMMARY

Bureau Veritas ID: TTM750
Sample ID: MW-16-01b
Matrix: Ground Water

Collected: 2022/09/13
Shipped:
Received: 2022/09/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by ICPMS Low Level (dissolved)	ICP/MS	8250047	N/A	2022/09/23	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	8263979	N/A	2022/09/22	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	8263980	N/A	2022/09/22	Andrew An
Silica (Reactive)	KONE	8248761	N/A	2022/09/26	Shanna McKort
Total Phosphorus Low Level Total	KONE	8258774	2022/09/28	2022/09/30	Fadia Mostafa
Total Ammonia (as NH3)	CALC	8231382	N/A	2022/09/22	Automated Statchk
Ammonium as NH4+	CALC/NH3	8231668	N/A	2022/09/22	Automated Statchk
Total Ammonia-N	LACH/NH4	8235710	N/A	2022/09/21	Anna-Kay Gooden
Nitrate & Nitrite as Nitrogen in Water	LACH	8234078	N/A	2022/09/22	Chandra Nandlal
pH	AT	8236782	2022/09/20	2022/09/21	Kien Tran
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Orthophosphate	KONE	8234018	N/A	2022/09/21	Samuel Law
Redox Potential	COND	8232784	2022/09/19	2022/09/23	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	8231383	N/A	2022/09/23	Automated Statchk
Total Dissolved Solids (Calc. from EC)	CALC	8231379	N/A	2022/09/22	Automated Statchk
Total Dissolved Solids	BAL	8238173	2022/09/21	2022/09/22	Masood Siddiqui
Field Measured pH	PH	ONSITE	N/A	2022/09/17	Dipika Singh
Total Kjeldahl Nitrogen in Water	SKAL	8235767	2022/09/20	2022/09/22	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	8236274	N/A	2022/09/22	Nimarta Singh
Low Level Total Suspended Solids	BAL	8237633	2022/09/21	2022/09/22	Shaneil Hall
Turbidity	AT	8233064	N/A	2022/09/19	Roya Fathitil
Un-ionized Ammonia (as N)	CALC	8231670	2022/09/22	2022/09/22	Automated Statchk



GENERAL COMMENTS

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

Package 1	13.3°C
Package 2	13.3°C

Sample TTM749 [MW-16-01a] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample TTM750 [MW-16-01b] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample TTM749, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661

Report Date: 2022/10/04

QUALITY ASSURANCE REPORT

Agnico Eagle

Client Project #: GROUNDWATER

Site Location: Meadowbank

Your P.O. #: 1121445

Sampler Initials: IW

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
8232784	Redox Potential	2022/09/23			100	95 - 105			7.6	N/A		
8233064	Turbidity	2022/09/19			114	85 - 115	<0.1	NTU	0.71	20		
8233783	Fluoride (F-)	2022/09/20	103	80 - 120	107	80 - 120	<0.10	mg/L	16	20		
8233812	Alkalinity (Total as CaCO3)	2022/09/20			95	85 - 115	<1.0	mg/L	0.064	20		
8233813	pH	2022/09/20			102	98 - 103			0.54	N/A		
8233819	Conductivity	2022/09/20			102	85 - 115	<1.0	umho/cm	0.49	25		
8234018	Orthophosphate (P)	2022/09/21	107	75 - 125	100	80 - 120	<0.010	mg/L	NC	25		
8234023	Dissolved Chloride (Cl-)	2022/09/21	NC	80 - 120	104	80 - 120	<1.0	mg/L	2.0	20		
8234078	Nitrate (N)	2022/09/22	94	80 - 120	100	80 - 120	<0.10	mg/L	NC	20		
8234078	Nitrite (N)	2022/09/22	105	80 - 120	107	80 - 120	<0.010	mg/L				
8234109	Dissolved Organic Carbon	2022/09/20	99	80 - 120	99	80 - 120	<0.40	mg/L	0	20		
8234128	Dissolved Organic Carbon	2022/09/20	97	80 - 120	99	80 - 120	<0.40	mg/L	1.6	20		
8234517	Mercury (Hg)	2022/09/20	96	75 - 125	104	80 - 120	<0.00001	mg/L	NC	20		
8234519	Dissolved Mercury (Hg)	2022/09/20	94	75 - 125	101	80 - 120	<0.00001	mg/L	NC	20		
8235360	Dissolved Calcium (Ca)	2022/09/22	NC	80 - 120	99	80 - 120	<0.05	mg/L	1.2	25		
8235360	Dissolved Magnesium (Mg)	2022/09/22	96	80 - 120	96	80 - 120	<0.05	mg/L	0.24	25		
8235360	Dissolved Potassium (K)	2022/09/22	99	80 - 120	99	80 - 120	<1	mg/L	0.066	25		
8235360	Dissolved Sodium (Na)	2022/09/22	103	80 - 120	102	80 - 120	<0.5	mg/L	0.32	25		
8235710	Total Ammonia-N	2022/09/21	NC	75 - 125	98	80 - 120	<0.050	mg/L	2.9	20		
8235767	Total Kjeldahl Nitrogen (TKN)	2022/09/22	NC	80 - 120	96	80 - 120	<0.10	mg/L	0.82	20	98	N/A
8235917	Total Kjeldahl Nitrogen (TKN)	2022/09/21	NC	80 - 120	100	80 - 120	<0.10	mg/L	1.2	20	97	80 - 120
8236274	Total Organic Carbon (TOC)	2022/09/21	95	80 - 120	94	80 - 120	<0.40	mg/L	1.7	20		
8236769	Fluoride (F-)	2022/09/21	98	80 - 120	101	80 - 120	<0.10	mg/L	0	20		
8236770	Alkalinity (Total as CaCO3)	2022/09/21			93	85 - 115	<1.0	mg/L	1.1	20		
8236771	Conductivity	2022/09/21			104	85 - 115	1.0, RDL=1.0	umho/cm	0.38	25		
8236782	pH	2022/09/21			102	98 - 103			0.46	N/A		
8237504	Dissolved Mercury (Hg)	2022/09/21	99	75 - 125	101	80 - 120	<0.00010	mg/L	NC	20		
8237633	Total Suspended Solids	2022/09/22					<1	mg/L	NC	25	96	85 - 115
8237656	Total Suspended Solids	2022/09/22					<1	mg/L	12	25	95	85 - 115
8237931	Total Dissolved Solids	2022/09/22					<10	mg/L	0	25	97	90 - 110



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661

Report Date: 2022/10/04

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Client Project #: GROUNDWATER

Site Location: Meadowbank

Your P.O. #: 1121445

Sampler Initials: IW

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
8238069	Mercury (Hg)	2022/09/21	98	75 - 125	102	80 - 120	<0.00010	mg/L	NC	20		
8238173	Total Dissolved Solids	2022/09/22					<10	mg/L	0	25	95	90 - 110
8246527	Strong Acid Dissoc. Cyanide (CN)	2022/09/22	88	80 - 120	101	80 - 120	<0.00050	mg/L	NC	20		
8246528	Weak Acid Dissoc. Cyanide (CN)	2022/09/22	111	80 - 120	100	80 - 120	<0.00050	mg/L	NC	20		
8246531	Free Cyanide (CN)	2022/09/22	94	80 - 120	95	80 - 120	<2.0	ug/L				
8247658	Dissolved Sulphate (SO4)	2022/09/23	NC	80 - 120	105	80 - 120	<0.50	mg/L	1.6	20		
8248761	Reactive Silica (SiO2)	2022/09/26	NC	80 - 120	104	80 - 120	<0.050	mg/L	1.8	20		
8248762	Dissolved Bromide (Br-)	2022/09/23	90	80 - 120	98	80 - 120	<0.010	mg/L				
8250047	Dissolved Aluminum (Al)	2022/09/23	101	80 - 120	97	80 - 120	<0.50	ug/L				
8250047	Dissolved Antimony (Sb)	2022/09/23	104	80 - 120	99	80 - 120	<0.020	ug/L				
8250047	Dissolved Arsenic (As)	2022/09/23	NC	80 - 120	100	80 - 120	<0.020	ug/L				
8250047	Dissolved Barium (Ba)	2022/09/23	101	80 - 120	97	80 - 120	<0.020	ug/L				
8250047	Dissolved Beryllium (Be)	2022/09/23	109	80 - 120	104	80 - 120	<0.010	ug/L				
8250047	Dissolved Bismuth (Bi)	2022/09/23	97	80 - 120	95	80 - 120	<0.0050	ug/L				
8250047	Dissolved Boron (B)	2022/09/23	104	80 - 120	99	80 - 120	<10	ug/L				
8250047	Dissolved Cadmium (Cd)	2022/09/23	102	80 - 120	98	80 - 120	<0.0050	ug/L				
8250047	Dissolved Chromium (Cr)	2022/09/23	101	80 - 120	99	80 - 120	<0.10	ug/L				
8250047	Dissolved Copper (Cu)	2022/09/23	97	80 - 120	94	80 - 120	<0.050	ug/L				
8250047	Dissolved Iron (Fe)	2022/09/23	103	80 - 120	96	80 - 120	<1.0	ug/L				
8250047	Dissolved Lead (Pb)	2022/09/23	97	80 - 120	96	80 - 120	<0.0050	ug/L				
8250047	Dissolved Lithium (Li)	2022/09/23	103	80 - 120	102	80 - 120	<0.50	ug/L				
8250047	Dissolved Manganese (Mn)	2022/09/23	110	80 - 120	93	80 - 120	<0.050	ug/L				
8250047	Dissolved Molybdenum (Mo)	2022/09/23	109	80 - 120	103	80 - 120	<0.050	ug/L				
8250047	Dissolved Nickel (Ni)	2022/09/23	94	80 - 120	91	80 - 120	<0.020	ug/L				
8250047	Dissolved Selenium (Se)	2022/09/23	106	80 - 120	99	80 - 120	<0.040	ug/L				
8250047	Dissolved Strontium (Sr)	2022/09/23	106	80 - 120	90	80 - 120	<0.050	ug/L				
8250047	Dissolved Thallium (Tl)	2022/09/23	96	80 - 120	96	80 - 120	<0.0020	ug/L				
8250047	Dissolved Tin (Sn)	2022/09/23	104	80 - 120	99	80 - 120	<0.20	ug/L				
8250047	Dissolved Titanium (Ti)	2022/09/23	105	80 - 120	99	80 - 120	<0.50	ug/L				
8250047	Dissolved Uranium (U)	2022/09/23	100	80 - 120	95	80 - 120	<0.0020	ug/L				
8250047	Dissolved Vanadium (V)	2022/09/23	102	80 - 120	98	80 - 120	<0.20	ug/L				



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VERITAS

Bureau Veritas Job #: C2Q8661

Report Date: 2022/10/04

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Client Project #: GROUNDWATER

Site Location: Meadowbank

Your P.O. #: 1121445

Sampler Initials: IW

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
8250047	Dissolved Zinc (Zn)	2022/09/23	102	80 - 120	102	80 - 120	<0.10	ug/L				
8253630	Total Phosphorus (P)	2022/09/28	123 (1)	80 - 120	95	80 - 120	<0.0010	mg/L			82	80 - 120
8258774	Total Phosphorus (P)	2022/09/30	105	80 - 120	109	80 - 120	<0.0010	mg/L			86	80 - 120
8263980	Total Aluminum (Al)	2022/09/22	103	80 - 120	107	80 - 120	<0.50	ug/L				
8263980	Total Antimony (Sb)	2022/09/22	95	80 - 120	99	80 - 120	<0.020	ug/L				
8263980	Total Arsenic (As)	2022/09/22	98	80 - 120	99	80 - 120	<0.020	ug/L				
8263980	Total Barium (Ba)	2022/09/22	95	80 - 120	101	80 - 120	<0.020	ug/L				
8263980	Total Beryllium (Be)	2022/09/22	101	80 - 120	107	80 - 120	<0.010	ug/L				
8263980	Total Bismuth (Bi)	2022/09/22	91	80 - 120	93	80 - 120	<0.0050	ug/L				
8263980	Total Boron (B)	2022/09/22	105	80 - 120	106	80 - 120	<10	ug/L				
8263980	Total Cadmium (Cd)	2022/09/22	96	80 - 120	99	80 - 120	<0.0050	ug/L				
8263980	Total Chromium (Cr)	2022/09/22	96	80 - 120	98	80 - 120	<0.10	ug/L				
8263980	Total Copper (Cu)	2022/09/22	92	80 - 120	94	80 - 120	<0.050	ug/L				
8263980	Total Iron (Fe)	2022/09/22	97	80 - 120	98	80 - 120	<1.0	ug/L				
8263980	Total Lead (Pb)	2022/09/22	94	80 - 120	96	80 - 120	<0.0050	ug/L				
8263980	Total Lithium (Li)	2022/09/22	96	80 - 120	99	80 - 120	<0.50	ug/L				
8263980	Total Manganese (Mn)	2022/09/22	90	80 - 120	96	80 - 120	<0.050	ug/L				
8263980	Total Molybdenum (Mo)	2022/09/22	100	80 - 120	102	80 - 120	<0.050	ug/L				
8263980	Total Nickel (Ni)	2022/09/22	91	80 - 120	95	80 - 120	<0.020	ug/L				
8263980	Total Selenium (Se)	2022/09/22	96	80 - 120	96	80 - 120	<0.040	ug/L				
8263980	Total Silver (Ag)	2022/09/22	95	80 - 120	97	80 - 120	<0.0050	ug/L				
8263980	Total Strontium (Sr)	2022/09/22	NC	80 - 120	103	80 - 120	<0.050	ug/L				
8263980	Total Thallium (Tl)	2022/09/22	93	80 - 120	93	80 - 120	<0.0020	ug/L				
8263980	Total Tin (Sn)	2022/09/22	96	80 - 120	98	80 - 120	<0.20	ug/L				
8263980	Total Titanium (Ti)	2022/09/22	98	80 - 120	101	80 - 120	<0.50	ug/L				
8263980	Total Uranium (U)	2022/09/22	97	80 - 120	97	80 - 120	<0.0020	ug/L				
8263980	Total Vanadium (V)	2022/09/22	97	80 - 120	101	80 - 120	<0.20	ug/L				
8263980	Total Zinc (Zn)	2022/09/22	96	80 - 120	101	80 - 120	<0.10	ug/L				
8263981	Dissolved Aluminum (Al)	2022/09/29	104	80 - 120	104	80 - 120	<0.50	ug/L				
8263981	Dissolved Antimony (Sb)	2022/09/29	103	80 - 120	103	80 - 120	<0.020	ug/L				
8263981	Dissolved Arsenic (As)	2022/09/29	105	80 - 120	105	80 - 120	<0.020	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661

Report Date: 2022/10/04

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Client Project #: GROUNDWATER

Site Location: Meadowbank

Your P.O. #: 1121445

Sampler Initials: IW

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
8263981	Dissolved Barium (Ba)	2022/09/29	101	80 - 120	101	80 - 120	<0.020	ug/L				
8263981	Dissolved Beryllium (Be)	2022/09/29	101	80 - 120	101	80 - 120	<0.010	ug/L				
8263981	Dissolved Bismuth (Bi)	2022/09/29	101	80 - 120	103	80 - 120	<0.0050	ug/L				
8263981	Dissolved Boron (B)	2022/09/29	106	80 - 120	101	80 - 120	<10	ug/L				
8263981	Dissolved Cadmium (Cd)	2022/09/29	102	80 - 120	102	80 - 120	<0.0050	ug/L				
8263981	Dissolved Chromium (Cr)	2022/09/29	99	80 - 120	99	80 - 120	<0.10	ug/L				
8263981	Dissolved Copper (Cu)	2022/09/29	97	80 - 120	97	80 - 120	<0.050	ug/L				
8263981	Dissolved Iron (Fe)	2022/09/29	100	80 - 120	102	80 - 120	<1.0	ug/L				
8263981	Dissolved Lead (Pb)	2022/09/29	101	80 - 120	103	80 - 120	<0.0050	ug/L				
8263981	Dissolved Lithium (Li)	2022/09/29	100	80 - 120	101	80 - 120	<0.50	ug/L				
8263981	Dissolved Manganese (Mn)	2022/09/29	100	80 - 120	100	80 - 120	<0.050	ug/L				
8263981	Dissolved Molybdenum (Mo)	2022/09/29	106	80 - 120	107	80 - 120	<0.050	ug/L				
8263981	Dissolved Nickel (Ni)	2022/09/29	102	80 - 120	101	80 - 120	<0.020	ug/L				
8263981	Dissolved Selenium (Se)	2022/09/29	101	80 - 120	101	80 - 120	<0.040	ug/L				
8263981	Dissolved Strontium (Sr)	2022/09/29	100	80 - 120	100	80 - 120	<0.050	ug/L				
8263981	Dissolved Thallium (Tl)	2022/09/29	102	80 - 120	103	80 - 120	<0.0020	ug/L				
8263981	Dissolved Tin (Sn)	2022/09/29	102	80 - 120	103	80 - 120	<0.20	ug/L				
8263981	Dissolved Titanium (Ti)	2022/09/29	105	80 - 120	105	80 - 120	<0.50	ug/L				
8263981	Dissolved Uranium (U)	2022/09/29	102	80 - 120	103	80 - 120	<0.0020	ug/L				
8263981	Dissolved Vanadium (V)	2022/09/29	99	80 - 120	98	80 - 120	<0.20	ug/L				
8263981	Dissolved Zinc (Zn)	2022/09/29	103	80 - 120	103	80 - 120	<0.10	ug/L				
8263983	Dissolved Aluminum (Al)	2022/09/22	107	80 - 120	103	80 - 120	<0.50	ug/L				
8263983	Dissolved Antimony (Sb)	2022/09/22	98	80 - 120	97	80 - 120	<0.020	ug/L				
8263983	Dissolved Arsenic (As)	2022/09/22	100	80 - 120	99	80 - 120	<0.020	ug/L				
8263983	Dissolved Barium (Ba)	2022/09/22	97	80 - 120	99	80 - 120	<0.020	ug/L				
8263983	Dissolved Beryllium (Be)	2022/09/22	99	80 - 120	102	80 - 120	<0.010	ug/L				
8263983	Dissolved Bismuth (Bi)	2022/09/22	87	80 - 120	95	80 - 120	<0.0050	ug/L				
8263983	Dissolved Boron (B)	2022/09/22	104	80 - 120	103	80 - 120	<10	ug/L				
8263983	Dissolved Cadmium (Cd)	2022/09/22	97	80 - 120	97	80 - 120	<0.0050	ug/L				
8263983	Dissolved Chromium (Cr)	2022/09/22	93	80 - 120	99	80 - 120	<0.10	ug/L				
8263983	Dissolved Copper (Cu)	2022/09/22	86	80 - 120	96	80 - 120	<0.050	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661

Report Date: 2022/10/04

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Client Project #: GROUNDWATER

Site Location: Meadowbank

Your P.O. #: 1121445

Sampler Initials: IW

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
8263983	Dissolved Iron (Fe)	2022/09/22	98	80 - 120	96	80 - 120	<1.0	ug/L				
8263983	Dissolved Lead (Pb)	2022/09/22	92	80 - 120	99	80 - 120	<0.0050	ug/L				
8263983	Dissolved Lithium (Li)	2022/09/22	93	80 - 120	97	80 - 120	<0.50	ug/L				
8263983	Dissolved Manganese (Mn)	2022/09/22	89	80 - 120	92	80 - 120	<0.050	ug/L				
8263983	Dissolved Molybdenum (Mo)	2022/09/22	106	80 - 120	100	80 - 120	<0.050	ug/L				
8263983	Dissolved Nickel (Ni)	2022/09/22	89	80 - 120	92	80 - 120	<0.020	ug/L				
8263983	Dissolved Selenium (Se)	2022/09/22	95	80 - 120	94	80 - 120	<0.040	ug/L				
8263983	Dissolved Strontium (Sr)	2022/09/22	107	80 - 120	99	80 - 120	<0.050	ug/L				
8263983	Dissolved Thallium (Tl)	2022/09/22	89	80 - 120	95	80 - 120	<0.0020	ug/L				
8263983	Dissolved Tin (Sn)	2022/09/22	97	80 - 120	98	80 - 120	<0.20	ug/L				
8263983	Dissolved Titanium (Ti)	2022/09/22	99	80 - 120	99	80 - 120	<0.50	ug/L				
8263983	Dissolved Uranium (U)	2022/09/22	95	80 - 120	97	80 - 120	<0.0020	ug/L				
8263983	Dissolved Vanadium (V)	2022/09/22	99	80 - 120	97	80 - 120	<0.20	ug/L				
8263983	Dissolved Zinc (Zn)	2022/09/22	97	80 - 120	99	80 - 120	<0.10	ug/L				
8263984	Dissolved Aluminum (Al)	2022/10/03			99	80 - 120	<0.50	ug/L				
8263984	Dissolved Chromium (Cr)	2022/10/03			102	80 - 120	<0.10	ug/L				
8263984	Dissolved Copper (Cu)	2022/10/03			102	80 - 120	<0.050	ug/L				
8263984	Dissolved Lead (Pb)	2022/10/03			102	80 - 120	<0.0050	ug/L				
8263984	Dissolved Nickel (Ni)	2022/10/03			101	80 - 120	<0.020	ug/L				
8263984	Dissolved Zinc (Zn)	2022/10/03			102	80 - 120	<0.10	ug/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.



VALIDATION SIGNATURE PAGE

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

Cristina Carriere

Cristina Carriere, Senior Scientific Specialist

David Huang

David Huang, BBy Scientific Specialist

Ghayasuddin Khan

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

Suwan

Suwan (Sze Yeung) Fock, B.Sc., 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 Signature Page.



BUREAU
VERITAS

Bureau Veritas Job #: C2Q8661
Report Date: 2022/10/04

Agnico Eagle
Client Project #: GROUNDWATER
Site Location: Meadowbank
Your P.O. #: 1121445
Sampler Initials: IW

**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.						



Project Information: C2Q8661
Job Received: 2022/09/16 13:30
Expected TAT: Standard TAT
Expected Arrival: 2022/09/16 17:00
Submitted By: Nicolas Saucier
Submitted To: Mississauga, ON (Env. Lab)

Invoice Information

Attn: Accounts Payable
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
invoices.meadowbank@agnicoeagle.com

Report Information

Attn: Reporting
Agnico Eagle
Meadowbank
Keewatin , NU , POX 0A1
Email to:
meadowbank.environment@agnicoeagle.com
agnico.equis@agnicoeagle.com

Project Information

Quote #: C05143
PO/AFE#: 1121445
Project #: GROUNDWATER
Site Location: Meadowbank

Analytical Summary

A: Standard TAT

Table with 6 columns: Client Sample ID, Clnt Ref, Sampling Date/Time, Matrix, #Cont, and a vertical label 'Groundwater Monitoring'. It contains 4 rows of sample data.

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Submission Information

of Samples: 4



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Alkalinity (Total as CaCO3)	1	mg/L	All
	Ammonium (NH4)	0.02	mg/L	All
	Dissolved Bromide (Br-)	1	mg/L	All
	Bicarb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Carb. Alkalinity (calc. as CaCO3)	1	mg/L	All
	Dissolved Chloride (Cl-)	1	mg/L	All
	Conductivity	1	umho/cm	All
	Free Cyanide (CN)	2	ug/L	All
	Weak Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Strong Acid Dissoc. Cyanide (CN)	0.0005	mg/L	All
	Dissolved Mercury (Hg)	0.00001	mg/L	All
	Dissolved Organic Carbon	0.4	mg/L	All
	Dissolved Aluminum (Al)	0.5	ug/L	All
	Dissolved Antimony (Sb)	0.02	ug/L	All
	Dissolved Arsenic (As)	0.02	ug/L	All
	Dissolved Barium (Ba)	0.02	ug/L	All
	Dissolved Beryllium (Be)	0.01	ug/L	All
	Dissolved Bismuth (Bi)	0.005	ug/L	All
	Dissolved Boron (B)	10	ug/L	All
	Dissolved Cadmium (Cd)	0.005	ug/L	All
	Dissolved Chromium (Cr)	0.1	ug/L	All
	Dissolved Copper (Cu)	0.05	ug/L	All
	Dissolved Iron (Fe)	1	ug/L	All
	Dissolved Lead (Pb)	0.005	ug/L	All
	Dissolved Lithium (Li)	0.5	ug/L	All
	Dissolved Manganese (Mn)	0.05	ug/L	All
	Dissolved Molybdenum (Mo)	0.05	ug/L	All
	Dissolved Nickel (Ni)	0.02	ug/L	All
	Dissolved Selenium (Se)	0.04	ug/L	All
	Dissolved Strontium (Sr)	0.05	ug/L	All
	Dissolved Thallium (Tl)	0.002	ug/L	All
	Dissolved Tin (Sn)	0.2	ug/L	All
	Dissolved Titanium (Ti)	0.5	ug/L	All
	Dissolved Uranium (U)	0.002	ug/L	All
	Dissolved Vanadium (V)	0.2	ug/L	All
	Dissolved Zinc (Zn)	0.1	ug/L	All
	Total Aluminum (Al)	0.5	ug/L	All
	Total Antimony (Sb)	0.02	ug/L	All
	Total Arsenic (As)	0.02	ug/L	All
	Total Barium (Ba)	0.02	ug/L	All
	Total Beryllium (Be)	0.01	ug/L	All
	Total Bismuth (Bi)	0.005	ug/L	All
Total Boron (B)	10	ug/L	All	
Total Cadmium (Cd)	0.005	ug/L	All	



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Chromium (Cr)	0.1	ug/L	All
	Total Copper (Cu)	0.05	ug/L	All
	Total Iron (Fe)	1	ug/L	All
	Total Lead (Pb)	0.005	ug/L	All
	Total Lithium (Li)	0.5	ug/L	All
	Total Manganese (Mn)	0.05	ug/L	All
	Total Molybdenum (Mo)	0.05	ug/L	All
	Total Nickel (Ni)	0.02	ug/L	All
	Total Selenium (Se)	0.04	ug/L	All
	Total Silver (Ag)	0.005	ug/L	All
	Total Strontium (Sr)	0.05	ug/L	All
	Total Thallium (Tl)	0.002	ug/L	All
	Total Tin (Sn)	0.2	ug/L	All
	Total Titanium (Ti)	0.5	ug/L	All
	Total Uranium (U)	0.002	ug/L	All
	Total Vanadium (V)	0.2	ug/L	All
	Total Zinc (Zn)	0.1	ug/L	All
	Field Measured pH	N/A	pH	All
	Field Temperature	N/A	Celsius	All
	Fluoride (F-)	0.1	mg/L	All
	Total Hardness (CaCO3)	0.5	mg/L	All
	Dissolved Calcium (Ca)	0.05	mg/L	All
	Dissolved Magnesium (Mg)	0.05	mg/L	All
	Dissolved Potassium (K)	1	mg/L	All
	Dissolved Sodium (Na)	0.5	mg/L	All
	Dissolved Sulphate (SO4)	0.5	mg/L	All
	Total Suspended Solids	1	mg/L	All
	Mercury (Hg)	0.00001	mg/L	All
	Total Calcium (Ca)	0.01	mg/L	All
	Total Magnesium (Mg)	0.01	mg/L	All
	Total Potassium (K)	0.01	mg/L	All
	Total Sodium (Na)	0.01	mg/L	All
	Nitrite (N)	0.01	mg/L	All
	Nitrate (N)	0.1	mg/L	All
	Nitrate + Nitrite (N)	0.1	mg/L	All
	Orthophosphate (P)	0.01	mg/L	All
	pH	N/A	pH	All
	Redox Potential	N/A	mV	All
	Reactive Silica (SiO2)	0.05	mg/L	All
	Sodium Adsorption Ratio	N/A	N/A	All
	Total Ammonia (as NH3)	5	mg/L	All
	Total Ammonia-N	0.05	mg/L	All
	Total Dissolved Solids	10	mg/L	All
	Total dissolved solids (calc., EC)	10	mg/L	All



Parameter Summary

Package/Test	Parameter	RDL *	Unit	Samples
Groundwater Monitoring	Total Kjeldahl Nitrogen (TKN)	0.1	mg/L	All
	Total Organic Carbon (TOC)	0.4	mg/L	All
	Total Phosphorus (P)	0.001	mg/L	All
	Turbidity	0.1	NTU	All
	Un-ionized Ammonia (as N)	0.0001	mg/L	All

**RDLs are subject to change based on interferences present at the time of analysis.*



Cost Estimate

#	Description	Matrix	Quote #	Rate	Test Total
4	Groundwater Monitoring	GROUND WATER	C05143	\$ 528.20	\$ 2,112.80
Total (excluding applicable taxes):				\$ 2,112.80	

Prices listed above are estimates only and are subject to change

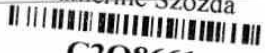
eCOC: T572880 - Field Data

Project Information: C2Q8661
Job Received: 2022/09/16 13:30
Expected TAT: Standard TAT

Field Data		FIELD PH	FIELD TEMPERATURE (°C)	SAMPLER NAME	DISSOLVED METALS FIELD FILTERED?
Client Sample ID	Matrix				
MW-IPD-07a	GRWTR	8.51	19.94	IW	Yes
MW-IPD-07b	GRWTR	8.51	19.94	IW	Yes
MW-16-01a	GRWTR	7.8	1.86	IW	Yes
MW-16-01b	GRWTR	7.8	1.86	IW	Yes

16-Sep-22 13:30

Katherine Szozda



C2Q8661

DSG ENV-1761



Custody Tracking Form

Grand water

eCOC Number
T572880

This form is utilized for eCOC custody tracking when unable to print the document directly from the portal. Please ensure that you add the eCOC Number to the box on the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By		Received By				
NS	Date	2022-09-14	Anushka Sanyal	PSA	Date	2022/09/16
	Time (24 HR)				Time (24 HR)	1330
	Date		DIPIKA SINGH	In J	Date	2022/09/17
	Time (24 HR)				Time (24 HR)	08:35
	Date				Date	
	Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>

Triage Information

Sampled By (Print)	# of Coolers/Pkgs	Rush <input type="checkbox"/>	Immediate Test <input type="checkbox"/>	Food Residue <input type="checkbox"/>
IW	2	Micro <input type="checkbox"/>		Food Chemistry <input type="checkbox"/>

*** Laboratory Use Only ***

Received At	Lab Comments:	Custody Seal		Cooling Media Present (Y/N)	Temperature °C		
Labeled By		Present (Y/N)	Intact (Y/N)		1	2	3
Verified By		Y	Y	Y ice pack	13	13	14
					Refer to ACTR		

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Custody Tracking Form

Groundwater

eCOC Number
T572880

This form is utilized for eCOC custody tracking when unable to print the document directly from the portal. Please ensure that you add the eCOC Number to the box on the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Relinquished By			Received By		
NS	Date	2022-09-14	D&A S. Singh	Date	2022/09/16
	Time (24 HR)			Time (24 HR)	1330
	Date		DIPKA SINGH D&S	Date	2022/09/17
	Time (24 HR)			Time (24 HR)	08:35
	Date			Date	
	Time (24 HR)			Time (24 HR)	

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>

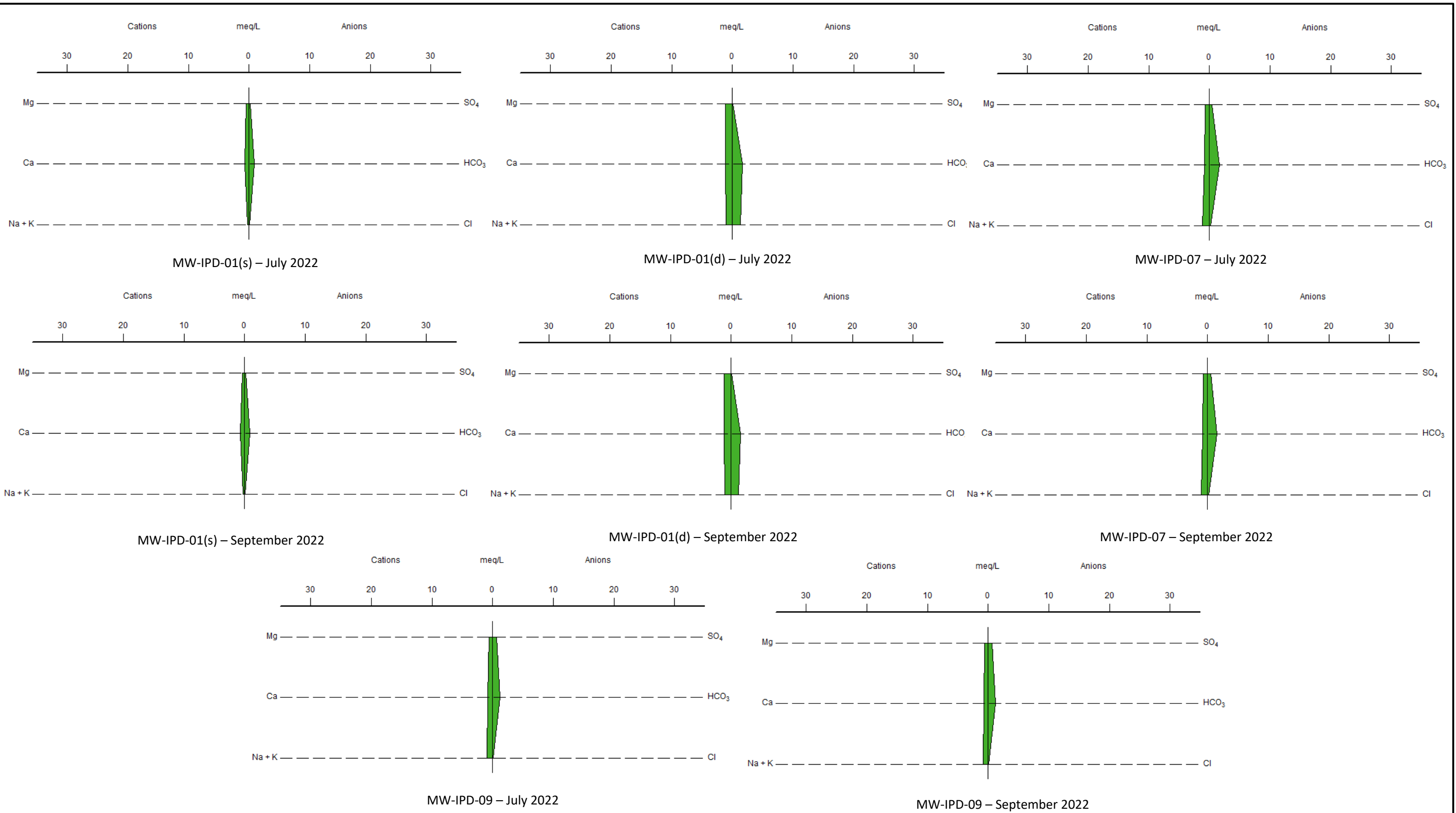
Triage Information					
Sampled By (Print)	# of Coolers/Pkgs	Rush	Immediate Test	Food Residue	
IW	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		Micro		Food Chemistry	
		<input type="checkbox"/>		<input type="checkbox"/>	

*** Laboratory Use Only ***						
Received At	Lab Comments:	Custody Seal		Cooling Media Present (Y/N)		Temperature °C
		Present (Y/N)	Intact (Y/N)			1 2 3
Labeled By		N	N	ice packs		14 13 13
Verified By						Refer to ACTR

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APPENDIX D

2022 Stiff Diagrams



NOTES
 1. Average (sample + duplicate) results plotted for samples collected by Golder from MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07 and MW-IPD-09.
 2. Dissolved concentrations of major ions (Ca, Mg, K and Na) plotted.

CLIENT
 AGNICO EAGLE MINES LIMITED



PROJECT
 2022 MEADOWBANK GROUNDWATER MONITORING PROGRAM
 MEADOWBANK MINE
 NUNAVUT

CONSULTANT



YYYY-MM-DD 2022-10-27
 PREPARED DH
 DESIGN --
 REVIEW --
 APPROVED --

TITLE

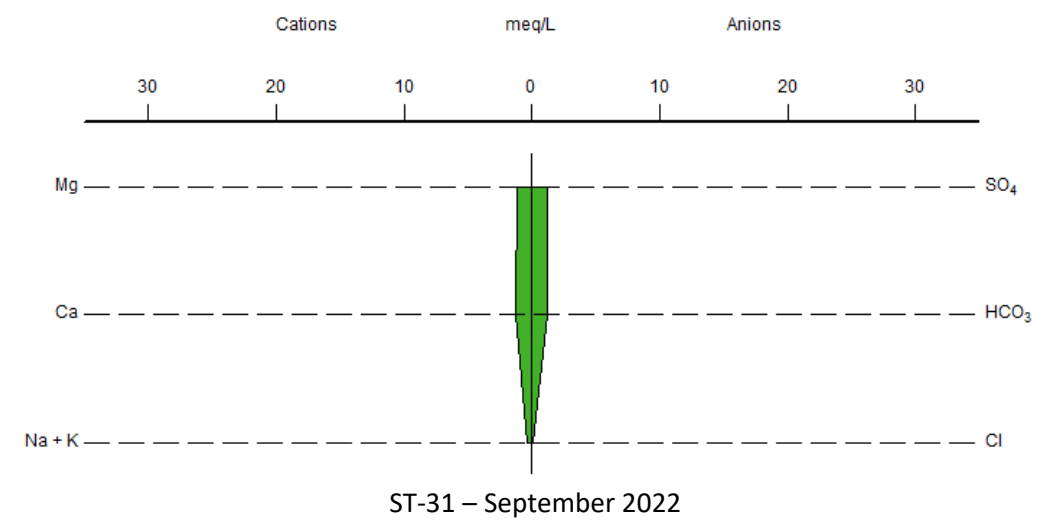
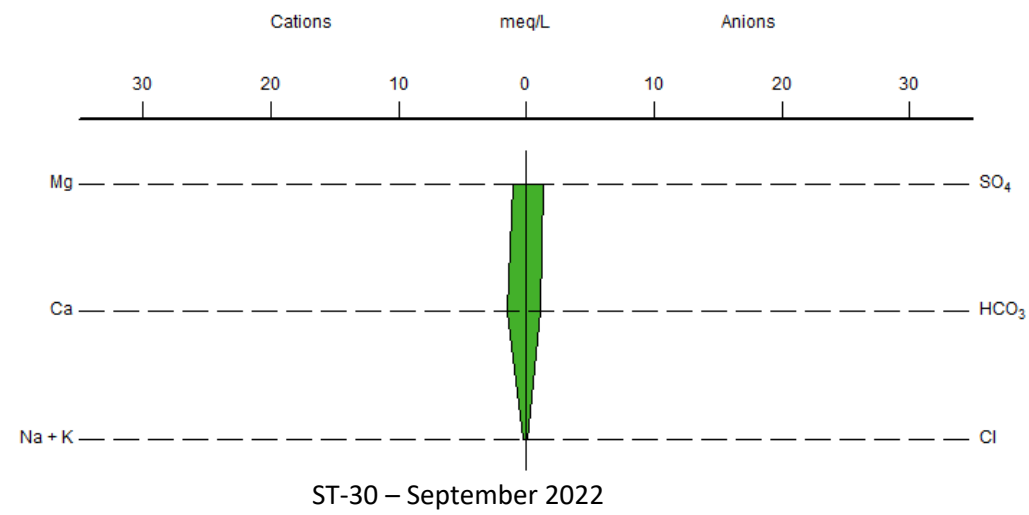
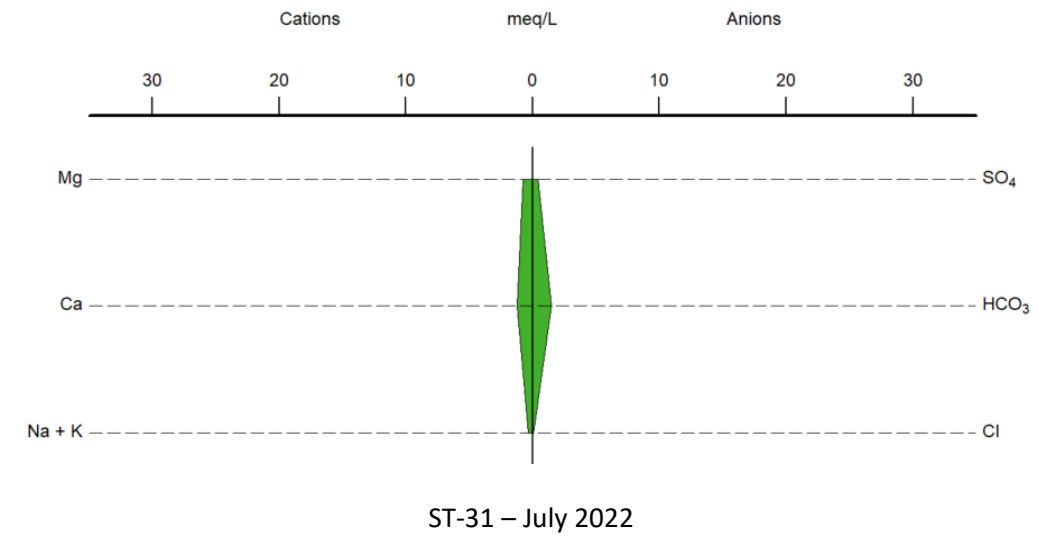
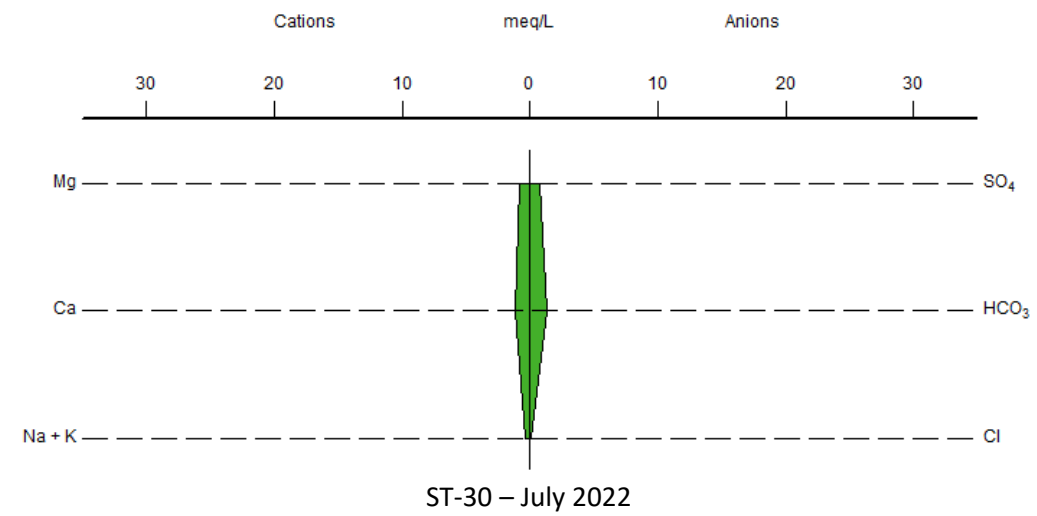
2022 STIFF DIAGRAMS - NATURAL GROUNDWATER SIGNATURE

PROJECT No. 22525330-571

PHASE

Rev. 0

FIGURE D-1



- NOTES**
1. Results shown for Agnico Eagle samples collected from ST-30 and ST-31 on July 10 and September 11, 2022
 2. Total concentrations of major ions (Ca, Mg, K and Na) plotted.

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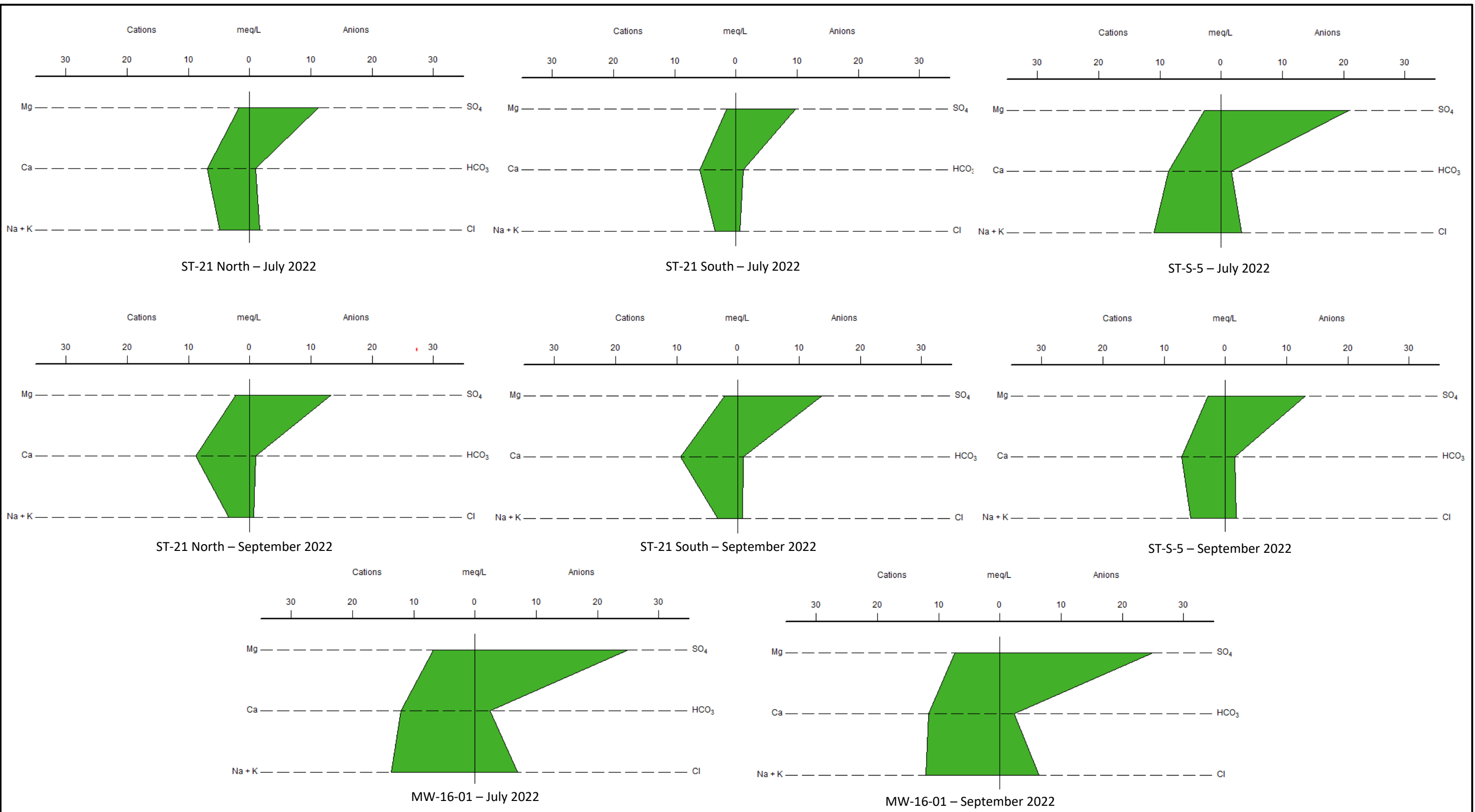
2022 STIFF DIAGRAMS - NATURAL WATER SIGNATURE

PROJECT No. 22525330-571



PHASE

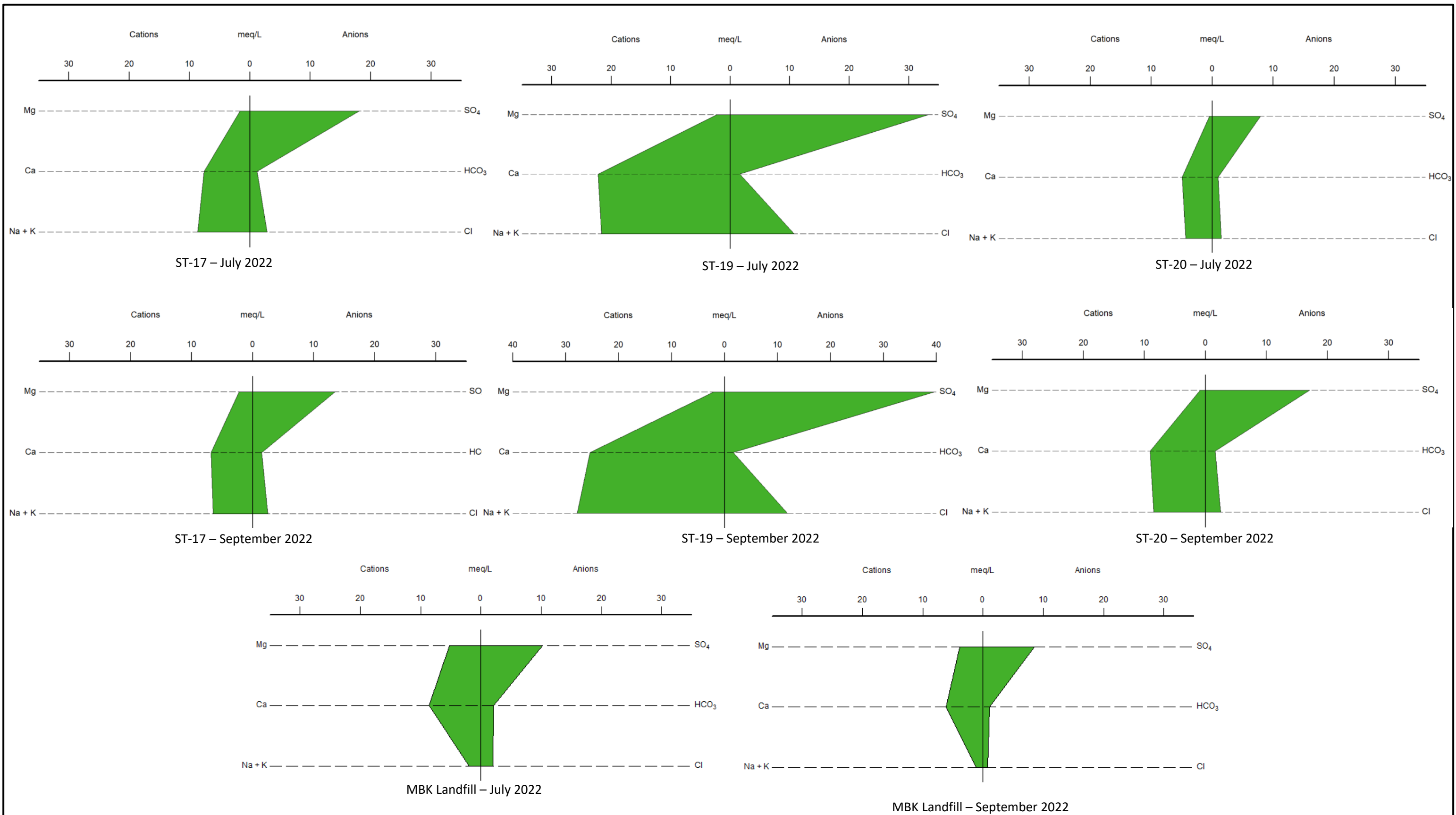
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FIGURE D-2



NOTES
 1. Results shown for Agnico Eagle samples collected from ST-21 South, ST-21-North and ST-S-5 on July 10 and September 11, 2022
 2. Average (sample + duplicate) results plotted for locations with duplicate samples collected by Golder from MW-16-01
 3. Total concentrations of major ions (Ca, Mg, K and Na) plotted for ST-21 North, ST-21 South and ST-S-5

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NOTES

1. Results shown for Agnico Eagle samples collected on July 10, 2022 (ST-17 and ST-19), July 12 (ST-20), July 17 (MBK Landfill) and September 11, 2022 (MBK Landfill, ST-17, ST-19 and ST-20)
2. Total concentrations of major ions (Ca, Mg, K and Na) plotted for MBK Landfill, ST-17, ST-19 and ST-20
3. ST-17 meq/L scale 0 to 40 for anions and cations

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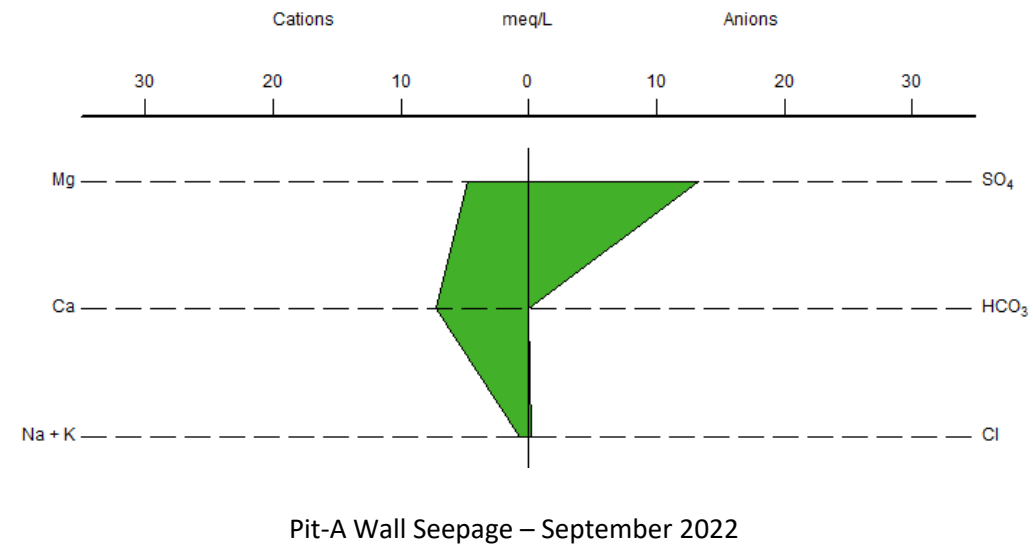
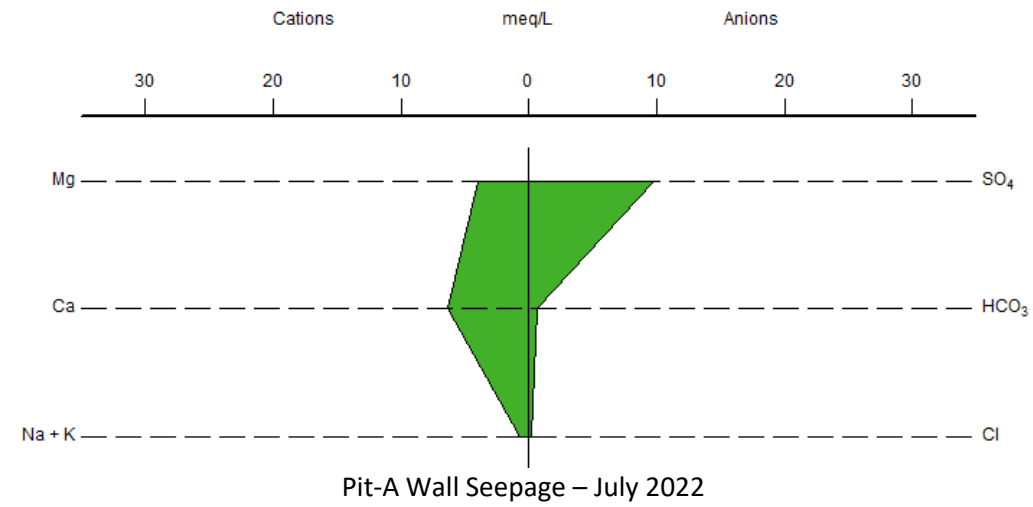
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FIGURE

D-4



MW-16-01 – September 2022

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FIGURE D-5

NOTES)

1. Results shown for Agnico Eagle samples collected from Pit-A Wall Seepage on July 17 and September 11, 2022.
2. Total concentrations of major ions (Ca, Mg, K and Na) plotted for Pit-A Wall Seepage

APPENDIX E

**Historical Groundwater Monitoring
Program Water Quality Data 2003
to 2022**

APPENDIX E
Historical Groundwater Monitoring Program Water Quality Data, 2003 to 2022
Agnico Eagle Mines Limited, Meadobank Mine, Nunavut

Table with columns for Station ID, Sampling Date, and various chemical parameters (Temperature, pH, Conductivity, etc.) across multiple monitoring points (Portage Pit E, etc.).

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