

Appendix 35

Meadowbank 2024 Groundwater Monitoring Report



REPORT

2024 Groundwater Monitoring Report

Meadowbank Mine, Nunavut

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Executive Summary

The Meadowbank Gold Project (Meadowbank mine) is operated by Agnico Eagle Mines Limited – Meadowbank Complex and is located approximately 70 kilometres north of the Hamlet of Baker Lake, Nunavut. The Meadowbank mine is Licenced under 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). The GWMP presents the historic groundwater monitoring at the Meadowbank mine since 2003, and the groundwater monitoring campaign carried out in 2024.

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 groundwater monitoring program is to document groundwater quality at the Site and any potential changes in groundwater quality that may be associated with mining operations and the deposition of tailings in the Tailings Storage Facility (TSF) and three open pits (Portage Pit-A, Portage Pit-E and Goose Pit). Monitoring activities completed in 2024 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 Licence. 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 In-Pit Tailings Deposition (IPD). Seepage at Pit A and 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 2024, water levels indicate that IPD monitoring wells identified as MW-IPD-01(s) and MW-IPD-01(d) are still hydraulically downgradient to the Second Portage Lake (SPL); similarly, the monitoring wells MW-IPD-07 and MW-IPD-09 are downgradient to the Third Portage Lake (TPL). Water quality at these monitors is likely influenced by Lake water seepage rather than the TSF or IPD operations, currently. The groundwater quality at monitoring wells MW-IPD-01(d), MW-IPD-01(s), MW-IPD-07, and MW-IPD-09 continues to display a natural water signature, which is consistent with interpreted flow directions. Future concentrations can be compared to these background concentrations as water levels in the pits continue to rise.

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 (North Cell TSF surface water), ST-21-South (South Cell TSF surface water) and ST-S-5 (Central Dike seepage). So far, contaminant transport from the tailings cells has locally affected groundwater quality to the west side of the central dump and mined-out pits. The gradient between the surrounding lakes (SPL and TPL) and the mined-out pits is preventing advection from carrying contaminants further eastwards. Subsequent groundwater monitoring programs will be important to help mitigate the effect of mining on local hydrogeology and ensure these contaminants do not alter regional groundwater quality in the future.

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1 INTRODUCTION

This document provides a summary of the 2024 groundwater monitoring program carried out at the Meadowbank mine site (Meadowbank). The objective of the groundwater monitoring program is to document groundwater quality at the Site and any potential changes in groundwater quality that may be associated with mining operations and the deposition of tailings in the tailings storage facility and three open pits (Portage Pit-A, Portage Pit-E and Goose Pit).

The 2024 groundwater monitoring program was completed by WSP Canada Inc. (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 (twice per year).

2 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 associated with Third Portage Lake, while Pit-A is located in the through talik associated with Second Portage Lake. The tailings storage facility (TSF) is 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 and North Cell was predominantly discontinued in April 2019 and July 2019, respectively. 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 ongoing. Tailings deposition also temporarily resumed in the North Cell from July 8 to August 19, 2021, and the South Cell from August 26 to September 22, 2023.

Since 2021, reclaim water from surrounding low areas was transferred from the North Cell to the South Cell. At least some of the water from the South Cell was transferred to Pit A in 2021 to 2023. In addition to water from the South Cell TSF between 2021 and 2023, Pit A has also received reclaim water from other sources:

- 2021 - South Cell, Goose Pit, and Pit-E.
- 2022 and 2023 - South Cell, Central Dike seepage, East Dike seepage, and Pit-E.
- 2024 - Central Dike seepage, East Dike seepage and Pit-E, as well as inputs from the stormwater management pond and from the Portage Rock Storage Facility runoff.

During 2024, process water was mainly discharged to Pit-E, with occasional transfers from Pit-E to Pit-A. Agnico Eagle also identified that Pit-A and Pit-E became hydraulically connected in August 2024.

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 through talik and open pit footprint were implemented, including collecting groundwater that infiltrates into production holes at the base of pits; collection from horizontal boreholes drilled in open pit walls into the talik; and/or collection from groundwater seeps into the open pits (SNCL 2017; SNCL 2018).

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 also 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 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 between 2015 and 2022, if the pit was accessible. 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 not known.

A total of five monitoring wells were operable in 2024. Each of the five operable monitoring wells were sampled by WSP in 2024 as part of July and August monitoring events. Agnico Eagle collected supplementary water quality samples from other on-site water monitoring locations in July and early September 2024, including non-contact water effluent from a combined mixture of water from the north and south pumping wells at the East Dike location that discharge directly to Pit-A (ST-S-1). 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.

3 METHODOLOGY

The 2024 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 Schedule I: 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 is not part of Schedule I) and the following total and dissolved metals: aluminium, antimony, arsenic, boron, barium, beryllium, cadmium, copper, chromium, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, tin, strontium, titanium, thallium, uranium, vanadium, and zinc.

The groundwater monitoring program was completed by WSP personnel in July and August 2024 (refer to Figure 1 for well locations) and included five monitoring wells (MW-16-01, MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07, and MW-IPD-09). The monitoring wells are equipped with a well-specific heating cable through the permafrost portion of the well (first 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 at each of the five wells is listed below:

- Water level monitoring
- Well purging
- Groundwater sampling

3.1 Water Level Monitoring

WSP personnel measured the water level in each of the five monitoring wells prior to the start of the July and August 2024 purging activities using a water level meter tape manufactured by Solinst Canada Ltd supplied by Agnico Eagle. For comparison, Agnico Eagle provided surveyed surface water elevation data from July and early September 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 Meadowbank Landfill. The location of the monitoring wells and surface water features surveyed are shown on Figure 2 and Figure 3 in Section 5.1.

3.2 Purging of Monitoring Wells

Purging of the four monitoring wells MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07, and MW-IPD-09) was performed using the low flow portable double valve sampling pumps (DVP) that were installed inside each of the wells during construction. The original DVP installed in MW-16-01 during construction was removed following malfunction in 2019 and a temporary replacement was then used in 2020. During 2021, a low flow DVP was lowered within the casing to facilitate purging and sampling, however it became stuck just below the top of the screen and an approximate depth of 90 m below the top of the 114.3 millimetre outside diameter (HWT) casing. Since the DVP intake was within the screen and remains operation, since 2021 and as part of this 2024 program, MW-16-01 is now purged using the DVP installed at approximately 90 metres below the top of HWT casing.

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 for each monitoring well to maintain a stable water level during pumping, which is indicative from water being primarily pulled from the target bedrock formation surrounding the well screen.

Groundwater Field Measurements

In-situ groundwater parameters were primarily measured during development using a Hanna 9829 Multiparameter meter inserted into a flow-through cell. Monitored field parameters during low flow purging included: conductivity, dissolved oxygen, oxidation reduction (redox) potential, pH, temperature, turbidity, salinity, and total dissolved solids. During the July monitoring program, it was observed that the turbidity meter on the Hanna 9829 Multiparameter meter malfunctioned. A backup handheld Hach 2100Q turbidity meter was therefore rented by WSP and used during the August session. The July field measured turbidity values are considered erroneous and laboratory values for turbidity should be used during this time. Each well was considered sufficiently purged following the stabilization of the field parameters.

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

3.3 Groundwater Sample Collection

Groundwater sampling was performed by WSP following stabilization of field parameters during purging. Dedicated polyethylene LDPE tubing was used for each well during sampling. A summary of the samples collected as part of the 2024 groundwater monitoring program is presented in Table 1.

Table 1: Summary of Samples Collected by WSP in 2024

Location	Sample	Pump Depth (m)	Screen Depth (m)	July 2024 Session		August 2024 Session	
				Purge Volume (L)	Sampling Date	Purge Volume (L)	Sampling Date
MW-IPD-01(s)	Monitoring Well	60	51 - 69	58.75	10-Jul-24	56.70	31-Aug-24
MW-IPD-01(d)	Monitoring Well	175	163 - 181	37.15	9-Jul-24	34.50	30-Aug-24
MW-IPD-07	Monitoring Well	40	42 - 50	34.25	8-Jul-24	37.00	29-Aug-24
MW-IPD-09	Monitoring Well	70	62 - 80	25.03	5-Jul-24	28.38	28-Aug-24
MW-16-01	Monitoring Well	90	89 - 101	55.20	6-Jul-24	59.85	27-Aug-24
Field blank	QA/QC	-	-	-	5-Jul-24	-	29-Aug-24 ¹ 30-Aug-24 ²
Trip Blank	QA/QC	-	-	-	5-Jul-24	-	29-Aug-24 ¹ 30-Aug-24 ²

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

¹ QA/QC sample submitted to BV analytical laboratory

² QA/QC sample submitted to SGS analytical laboratory

Groundwater samples were collected in triplicate from each of the five monitoring wells. 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-IPD-09 (July) and MW-IPD-07 (August), 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 during each session. The de-ionized water used for the field blanks was issued by the analytical laboratory Bureau Veritas Laboratories (BV).

The water samples were collected and preserved in the field following the laboratory-specified protocols outlined in the Analytical Requirements Table included in Appendix A. The results of the field and laboratory chemical analyses conducted during the 2024 groundwater monitoring program are tabulated and presented in Appendix B and the laboratory analytical certificates are provided in Appendix C.

The laboratory chemical and physical analyses for the full suite of parameters were primarily performed by BV located in Mississauga, Ontario, Burnaby, British Columbia or Calgary, Alberta. During the 2023 field program, cyanide was detected in the trip and field blanks. Cyanide analysis was sent to two labs in 2024 to help assess if the cyanide concentrations observed in the groundwater samples were representative of groundwater concentrations or laboratory error/interference, as potentially indicated by the trip and field blanks. An extra cyanide sample was collected from each of the five monitoring wells during the August 2024 session and submitted to SGS Canada Inc. (SGS) located in Lakefield, Ontario.

3.4 Sample Shipping

Duplicate groundwater samplings were submitted for analysis of the GWMP parameters. Samples were kept refrigerated and typically shipped on the first available charter (which ranged from 24 to 72 hours after sample collection). 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.

3.5 Supplemental Sampling of Additional Water Monitoring Stations

Outside of the five monitoring wells sampled by WSP, Agnico Eagle personnel collected supplemental water samples, as listed below and the approximate locations are shown on Figure 1. The 2024 water quality data from these sampling stations were provided to WSP and results were used to assess the potential influence of reclaim water seepage on groundwater quality.

- 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) and ST-20 (Goose Pit), which are collected from accessible locations within the pits.
 - ST-21-North (North Cell TSF) and ST-21-South (South Cell TSF), which are collected from accessible locations within the TSF.
- Stormwater Management Pond (SWMP).

- Mine Contact Water stations:
 - ST-16, ST-30 and ST-31 located near the Portage Rock Storage Facility (RSF) and from the Meadowbank Landfill (MBK Landfill) to identify the potential source of arsenic previously observed in the Pit-E wall seepage samples.

Pit-E and Pit-A have not been accessible since 2021 and 2023, respectively, due for safety reasons (unstable ground area and located in pit flood waters), therefore no pit wall seepage samples were collected in 2024.

4 2024 GROUNDWATER MONITORING

4.1 Comparative Guidelines

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

4.2 Quality Assurance/Quality Control

QA/QC procedures, in alignment with those outlined by USEPA (1994), were followed during the sampling program to support the collection of meaningful water quality data (i.e., that the applied methods resulted in the collection of groundwater data that is likely representative of the groundwater flow system). 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.

As discussed in Section 3.4, groundwater and QA/QC samples were sent to the analytical laboratory using the first available charter. Transit times exceeded the recommended holding times pH (2-hours), turbidity (2-days) and redox potential (3-days) for each samples collected. Due to transit limitations with the charter flights, samples were delivered to BV within 6 days, therefore samples collected from MW-IPD-07 and MW-IPD-09 exceeded hold times for nitrate, nitrite and TKN during the August sampling event.

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 the charge balance error (CBE) 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, therefore a charge balance error of +/- 15% was considered acceptable.

4.3 Reclaim Water and Signature Parameters

Signature parameters for tailings reclaim water were used to determine the potential influence of tailings reclaim water on receiving surface and groundwater at site. 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 (or natural) water quality signature. Background water quality signature is reflective of measured pre-mining water quality, and its signature was recently assessed as part of IPD planning (SNCL 2017; SNCL 2018).
- The concentration of the reclaim water signature parameter is consistent in time (i.e., has a low variability) at both the background monitoring location and in the reclaim water itself.
- The parameter is chemically inert and is relatively mobile in groundwater, it is not subject to significant transport attenuation mechanisms (i.e., adsorption, biological uptake, precipitation, etc.).

Identified Meadowbank reclaim water signature parameters include ammonia nitrogen, arsenic, chloride, copper, cyanide, iron, and sulphate (SNCL 2019; AEM 2020). Of these parameters, sulphate, arsenic and ammonia nitrogen can also be attributed to waste rock contact water. Cyanide, which is a signature of the reclaim water but not the waste rock, is a product of ore processing. Thus, the presence of cyanide is generally a unique 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.

During 2024, signature parameters of the tailings reclaim water remained elevated at the five reclaim water monitoring stations (ST-21-North, ST-21-South, ST-17, ST-19, and ST-20). ST-21-North and ST-21-South are generally considered more representative of historic tailings depositions, whereas ST-17, ST-19, and ST-20 are more representative of recent in-pit disposal of reclaim water and tailings. IPD occurred in Goose Pit (ST-20) in 2019 and 2020 and in Pit-E (ST-19) since 2020. With Pit-A, Pit-E and Goose Pit now being partially flooded, water at ST-17, ST-19 and ST-20 will also be potentially influenced by surface water runoff and groundwater inflow to the pits. Agnico Eagle reported that Pit-A and Pit-E became hydraulically connected in August 2024, therefore these two pits may have increased mixing between them.

Sampling stations ST-21-South and ST-21-North were installed within the South Cell TSF and North Cell TSF, respectively during active mining and historic tailings deposition. Tailings deposition in the tailings storage facility (TSF) South Cell and North Cell was predominantly discontinued in April 2019 and July 2019, respectively. Tailings deposition also temporarily resumed in the North Cell from July 8 to August 19, 2021, and the South Cell from August 26 to September 22, 2023.

ST-S-5 is dike seepage station downgradient of the Central Dike and will also see influence of reclaim water. This station will be influenced by water from three sources: reclaim water seepage from South Cell TSF, contact time with the dike rock, and dilution from regional groundwater flow and/or surface water inflow.

5 RESULTS AND DISCUSSION

5.1 Water Level Monitoring and Flow Direction

Water levels measured in the monitoring wells as part of the July and August 2024 sessions are presented in Table 2, and on Figure 2 and Figure 3, along with surface water elevations measured in July and early September 2024 in the South Cell TSF, Second Portage Lake, flooded mined Pit-A, and IPD pits (Goose Pit and Pit-E).

Regional groundwater flow is interpreted to be east towards Second Portage and Third Portage Lakes. Locally, surface and groundwater flow is influenced by local scale variations in topography and mine operations associated with the mined-out pits and tailings storage operations.

Based on the available July and August/September 2024 groundwater and surface water elevation data, the flow of groundwater within and adjacent to the Meadowbank mining operations is interpreted as follows:

- Seepage water from the North Cell TSF and South Cell TSF is inferred from the water levels to potentially flow east towards the Central Dike, MW-16-01, Pit-A and Pit-E. It may also flow west towards Third Portage Lake. MW-16-01 is located hydraulically downgradient of the North Cell TSF, South Cell TSF and Central Dike, and water quality monitoring at this well may show potential influence of seepage water from the North Cell and South Cell TSF.
- ST-S-5 (Central Dike Downstream Pond) is located downgradient of the South Cell TSF and the Central Dike and shows a similar water level elevation to that measured in groundwater at MW-16-01.
- The water levels in Pit-A, Pit-E and Goose Pit are lower than the water levels in adjacent lakes. Seepage from the pits and their associated deposited tailings and reclaim water to the adjacent lakes is therefore not expected at present. Wells to the east of these pits (MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07 and MW-IPD-09) would be expected to primarily represent background water quality / seepage from the adjacent lakes.

- MW-IPD-01(s) and MW-IPD-01(d) are located between the Central Dump and Pit-A, and Second Portage Lake to the east. Based on the relative water elevations at these wells and the lake, seepage from the lake would be towards the wells and the partially dewatered Pit-A and Pit-E.
- MW-IPD-09 is located between Third Portage Lake and Pit-E. Based on the relative water elevations at this well and the lake, seepage from the lake would be towards the well and the partially dewatered Pit-E.
- MW-IPD-07 is located between Third Portage Lake and Goose Pit. Based on the relative water elevations at this well and the lake, seepage from the lake would be towards the well and the partially dewatered Goose Pit.

Table 2: 2024 Water Levels in Monitoring Wells and Nearby Surface Water Features

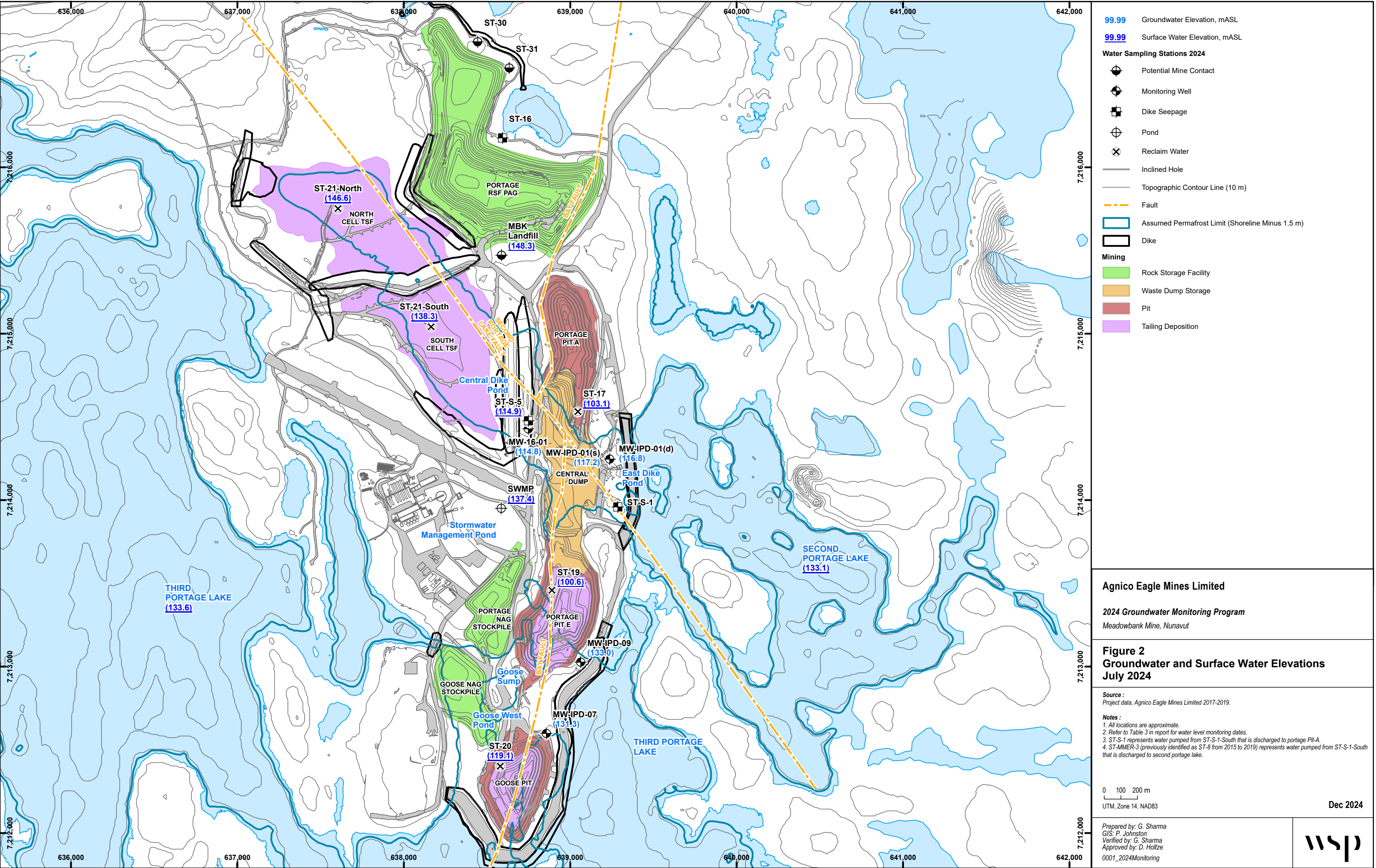
Area	Location	Ground Surface Elevation (masl) ^(a)	Top of Well Head Casing (masl) ^(a)	Screened Interval (mbgs) ^(b)	Screened Elevation (masl) ^(b)	Date	Water Level (masl)
South Cell/ Central Dike	MBK Landfill					7-Jul-24 2-Sep-24	148.3 ^(c) 148.3 ^(c)
	North Cell TSF (ST-21-North)					7-Jul-24 2-Sep-24	146.6 ^(c) 146.5 ^(c)
	South Cell TSF (ST-21-South)					7-Jul-24 2-Sep-24	138.3 ^(c) 139.2 ^(c)
	ST-S-5 ^(d)					7-Jul-24 2-Sep-24	114.9 ^(c) 114.9 ^(c)
	MW-16-01	119.4	120.2	82.8 to 94.9	34.4 to 25.0	4-Jul-24 26-Aug-24	114.8 114.7
East Flat	MW-IPD-01(s)	129.8	130.6	50.8 to 69.8	79.3 to 60.3	4-Jul-24 26-Aug-24	117.2 115.8
	MW-IPD-01(d)	129.9	130.3	162.5 to 181.4	-32.4 to -51.3	4-Jul-24 26-Aug-24	116.8 115.6
Pit-A	ST-17					7-Jul-24 2-Sep-24	103.1 ^(c) 103.1 ^(c)
Pit-E	ST-19					7-Jul-24 2-Sep-24	100.6 ^(c) 103.1 ^(c)
	MW-IPD-09	132.9	133.5	61.9 to 80.1	71.4 to 52.4	4-Jul-24 26-Aug-24	130.8 130.6
SWMP	Stormwater Management Pond					7-Jul-24 2-Sep-24	137.4 136.6
Second Portage Lake	Second Portage Lake					7-Jul-24 2-Sep-24	133.1 ^(c) 132.8 ^(c)
Third Portage Lake	Third Portage Lake					30-Jul-24 2-Sept-24	133.6 ^(c) 133.6 ^(c)
Goose Pit	MW-IPD-07	133.1	133.5	41.2 to 50.7	92.2 to 82.7	4-Jul-24 26-Aug-24	131.3 130.6
	ST-20					7-Jul-24 2-Sep-24	119.1 ^(c) 119.2 ^(c)

Notes: meters = meters; masl = metres above sea level; mbgs = metres below ground surface, '-' = not applicable.

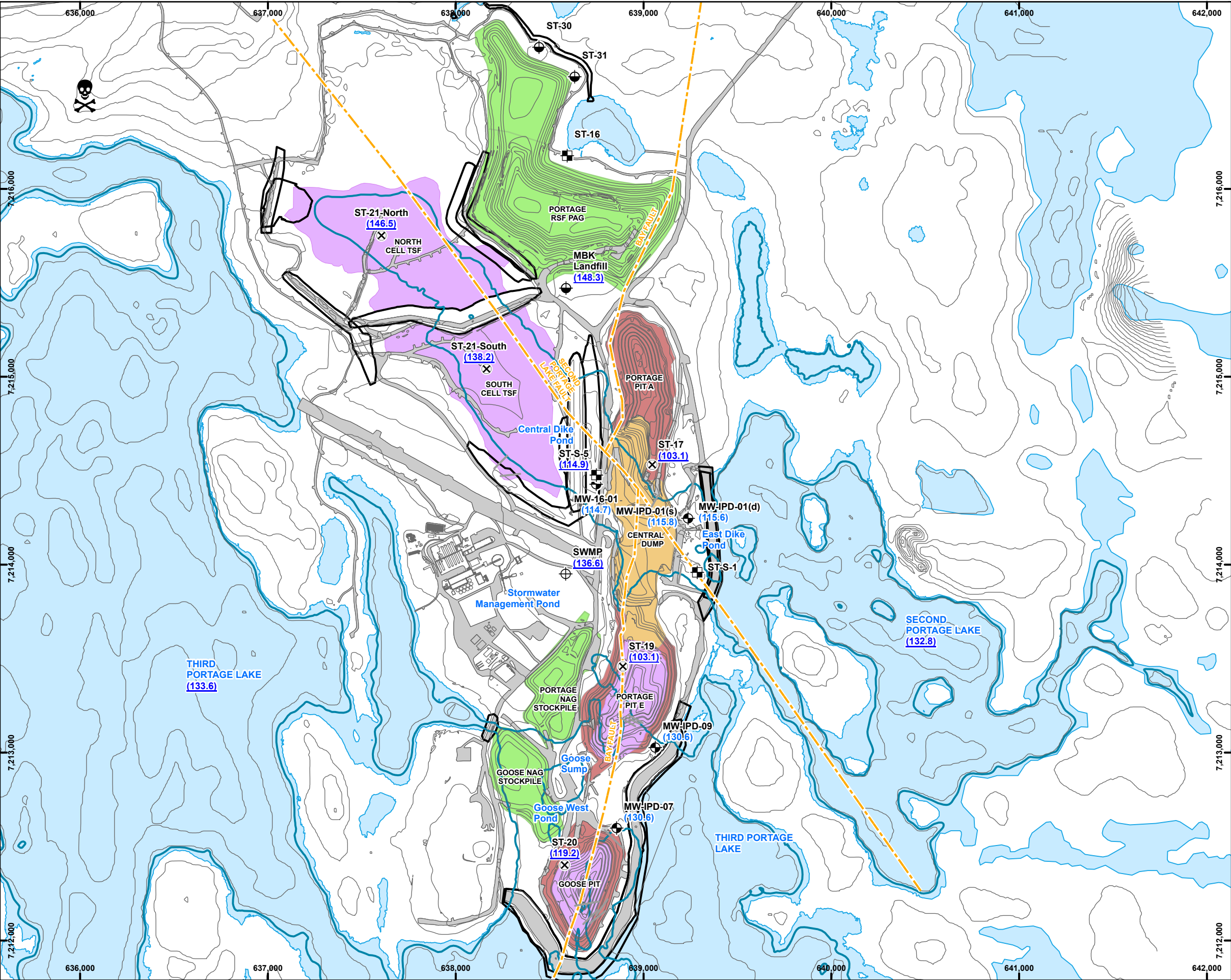
(a) Ground surface and top of well casing elevation based on July 22, 2022 survey data completed by Agnico Eagle surveyor using GPS and total station.

(b) Screened interval depth (mbgs) and elevation (masl) based on original well instrumentation logs provided by Agnico Eagle.

(c) Surface water level elevation provided by Agnico Eagle.



Boundaries and measurements shown on this document must not be used for engineering or land survey delineation. A land register analysis conducted by a land surveyor was not undertaken.



99.99

Groundwater Elevation, mASL

99.99

Surface Water Elevation, mASL

Water Sampling Stations 2024

Potential Mine Contact

Monitoring Well

Dike Seepage

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

Tailing Deposition

Agnico Eagle Mines Limited

2023 Groundwater Monitoring Program
Meadowbank Mine, Nunavut

Figure 3
Groundwater and Surface Water Elevations
August and September 2024

- Source :
Project data, Agnico Eagle Mines Limited 2017-2019.
- Notes :
1. All locations are approximate.
2. Refer to Table 3 in report for water level monitoring dates.*
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.

0 100 200 m
UTM, Zone 14, NAD83

Dec 2024

Prepared by: B. Chernoff
GIS: P. Johnston
Verified by: C. Moliere
0001_2024Monitoring.mxd



Boundaries and measurements shown on this document must not be used for engineering or land survey delineation. A land register analysis conducted by a land surveyor was not undertaken.

5.2 2024 Water Quality

The 2024 results of the groundwater analyses were compared to the MAC effluent 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 Licence effluent criteria are used for comparative purposes only; they are not directly applicable to groundwater.

The 2024 groundwater quality results are generally consistent with historical data. All parameter concentrations in 2024 were below the MAC effluent criteria. Note that these criteria were used for comparative purposes only since these waters are not directly discharged to the environment.

5.3 2024 Chemical Water Signatures

Stiff diagrams for the 2024 groundwater monitoring program results are provided in Appendix D, along with stiff diagrams for reclaim water and mine contact water for comparison. Stiff diagrams are used to display the major ion composition of a water sample and to rapidly compare the chemical signature of waters from different sources, such as the natural water signature and the reclaim water signature (AEM 2020). Based on the stiff diagrams, the major ion compositions of groundwater of this year program are similar and consistent with the available 2018 through 2023 historical diagrams (SNCL 2019 and 2020; Golder 2021 and 2022; WSP 2023 and 2024).

Except for MW-16-01, the major ion composition from the groundwater quality data shows a natural groundwater signature. The natural groundwater signature is consistent with the flow directions interpreted from the measured water levels, which indicates flow from the lakes to the partially flooded pits. The 2024 data from MW-16-01 indicates a chemical signature trending towards that of reclaim water, which is aligned with interpreted flow directions and data collected at ST-17 (Pit-A), ST-19 (Pit-E), ST-20 (Goose Pit), ST-21-South, ST-21-North and ST-S-5 provided by Agnico Eagle. The chemical signature of MW-16-01 is similar to ST-17, located downgradient of the well at Pit-A and ST-S-5, located upgradient of the well in the Central Dike area.

Water samples collected from the southeast base of the Portage RSF (ST-16) and north of the Portage RSF (ST-30 and ST-31) indicate a natural water signature, whereas the Meadowbank Landfill surface water quality (MBK Landfill) located south of the Portage RSF has a mixed signature, intermediate between reclaim and natural water. The elevated concentrations of sulphate may be related to sulphide mineral oxidation of the nearby waste rock, while calcium and magnesium may correspond to the consumption of alkalinity minerals (calcite, dolomite).

5.4 Historical Water Quality

5.4.1 Available Data

Although only 5 wells were sampled in 2024, a larger network was historically available to be sampled. Overall, a total of 14 groundwater monitoring wells were installed between 2003 to 2018 to characterize the groundwater quality within the five site areas: South and Central Dike, East Flat (East Dike area), Goose Pit, Portage Pit-A and Portage Pit-E. This data has been compiled and used in combination with the 2024 data to assess groundwater quality and any changes in quality with time. The compiled data (2003 to 2024) is discussed in Section 5.4.2 and presented in Table 1 (2024 Only) of Appendix E and Table 2 of Appendix E (2003 to 2024).

5.4.2 2003 to 2024 Water Quality Trends

Concentrations of arsenic, chloride, copper, total cyanide (sum of free, WAD and strong cyanide complexes), iron, and sulphate, including sample duplicates are plotted for each monitoring location in Figures 4 through 9. With the exception of MW-08-02 for 2010, the metals concentrations plotted are dissolved. The parameters presented in Figures 4 through 9 are typically associated with the chemical signature of the reclaim water as discussed in

Section 4.3. The applicable Water Licence MAC effluent criteria are also plotted on Figures 4 through 7 for comparative purposes.

On the figures, the groundwater data is grouped by area as follows: South Cell and Central Dike, East flat (East Dike area), Goose Pit, Portage Pit-A (wall seepage) and Portage Pit-E (wall seepage) (refer to Appendix E). 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.

Total Cyanide

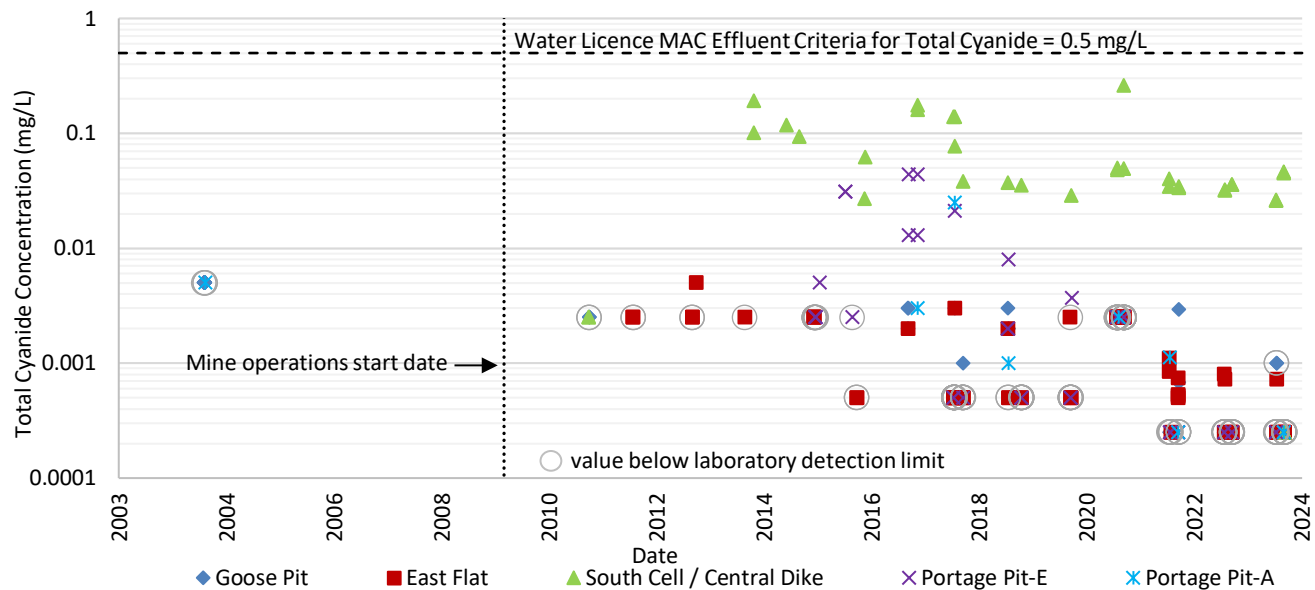


Figure 4: Concentrations of total cyanide in Meadowbank groundwater by area, between 2003 and 2024

- The presence of cyanide is a strong indicator of the presence of tailings reclaim water.
- Total cyanide concentrations in groundwater remain consistently below MAC effluent 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 interpreted to be related to storage of reclaim water in the South Cell TSF.
- Concentrations of total cyanide are somewhat variable over time.

Arsenic

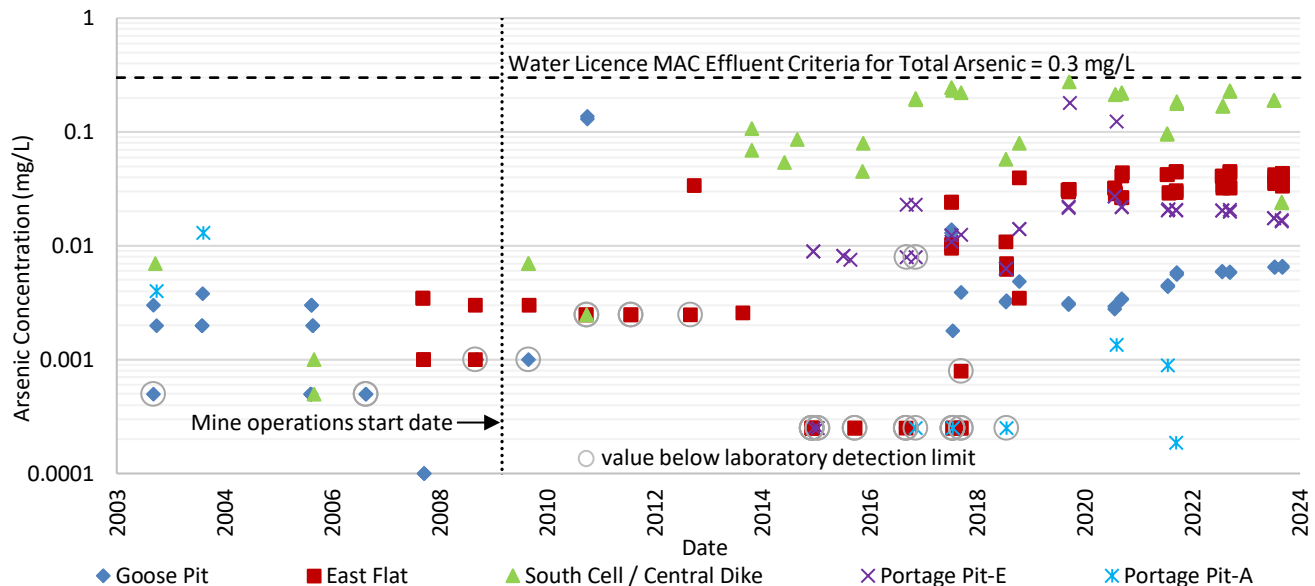


Figure 5: Concentrations of dissolved arsenic in Meadowbank groundwater by area, between 2003 and 2024

- Dissolved arsenic concentrations in groundwater remained consistently below MAC effluent criteria (0.3 mg/L), although South Cell/Central Dike concentrations measured at MW-16-01 approach this comparative criterion.
- Elevated dissolved arsenic concentrations in groundwater samples collected from the South Cell and Central Dike area are attributed to historical tailings deposition in the North and South Cell TSF. MW-16-01 also has measurable total cyanide, which considered a signature of tailings reclaim water.
- The maximum elevation of tailings deposited in Pit-E was approximately 100.5 masl in the southern area and 87.5 masl in the northern area in July 2024. MW-IPD-09 has a screen interval of 71.4 to 52.4 masl and is located upgradient of Pit-E. Groundwater quality at MW-IPD-09 is not interpreted to be affected by reclaim water associated with tailings placed in Pit-E as part of IPD. As previously discussed, flow is interpreted to be towards the pit, rather than away, based on measured water levels.

Chloride

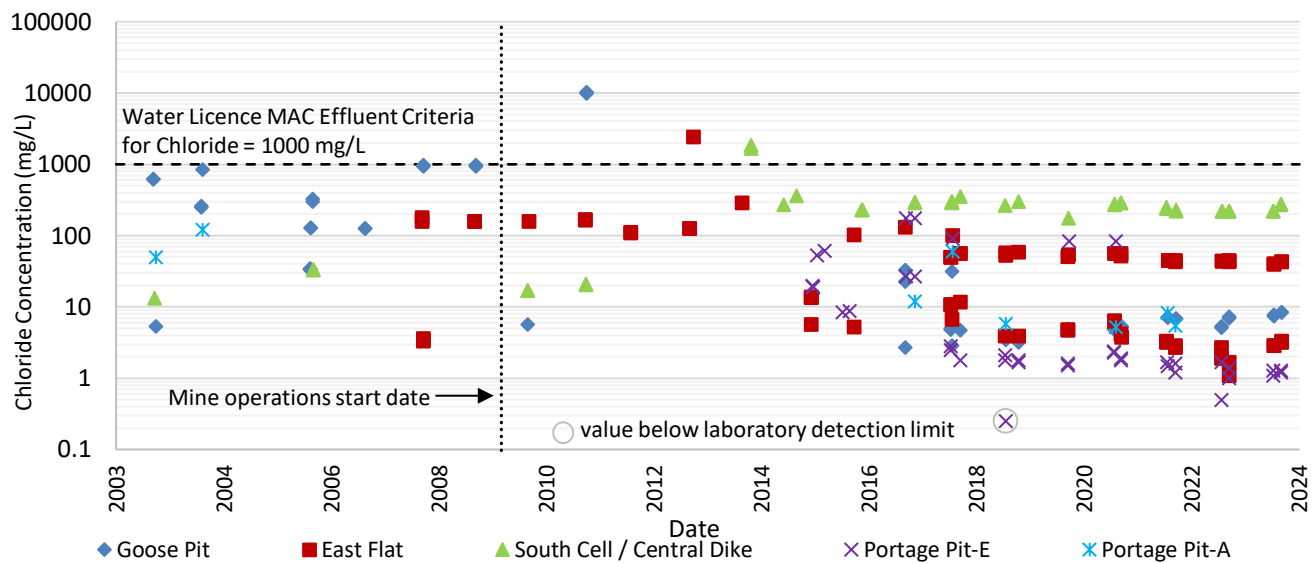


Figure 6: Concentration of chloride in Meadowbank groundwater by area, between 2003 and 2024

- Chloride concentrations in groundwater have remained consistently below MAC effluent criteria (1,000 mg/L) since 2015.
- Higher 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 collection of residual calcium chloride drilling brine associated with the drilling and installation of the wells. 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 samples from 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

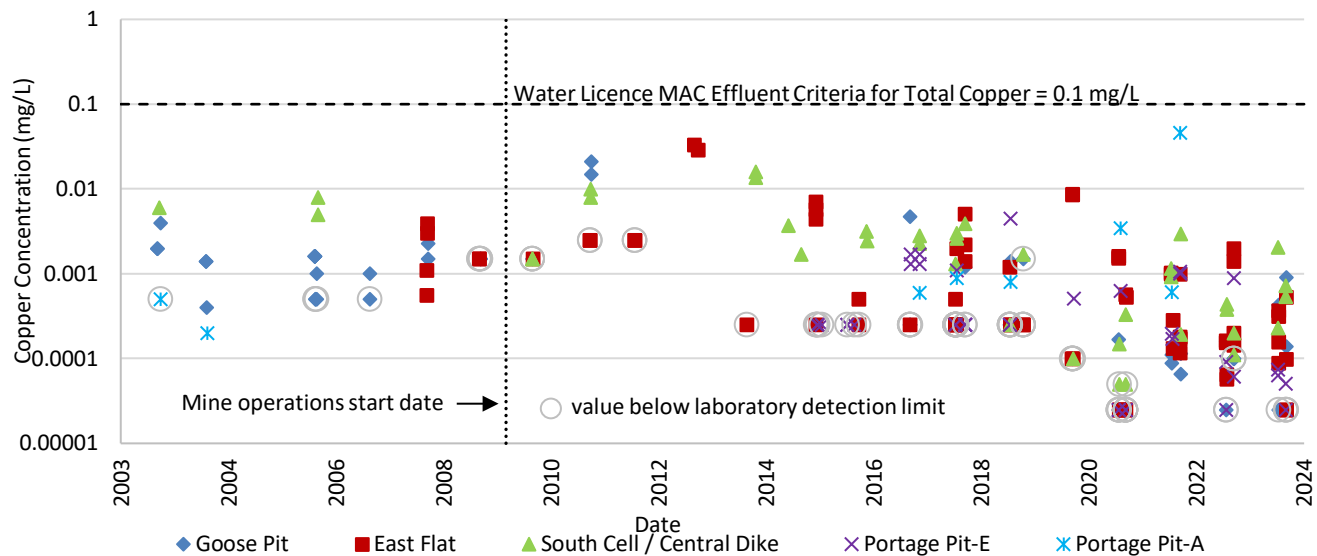


Figure 7: Concentrations of dissolved copper in Meadowbank groundwater by area, between 2003 and 2024

- Dissolved copper concentrations in groundwater remain consistently below MAC effluent criteria (0.1 mg/L).
- Concentrations of dissolved copper have generally decreased over time in samples collected from most areas. Observed values were typically an order of magnitude (or more) below the MAC effluent criteria. Dissolved copper concentrations increased in the Pit-A seep from 2021 to 2022. Agnico Eagle has not been able to safely sample the seepage in this area since 2023 due to flooded conditions in the pit at the seepage inflow points. Pit-A and its east wall is adjacent and downgradient of the Central Dump, and the chemistry observed in Pit-A may be influenced by seepage from the Central Dump. It's also possible the elevated copper concentrations are influenced by loading from the rock wall itself.

Iron

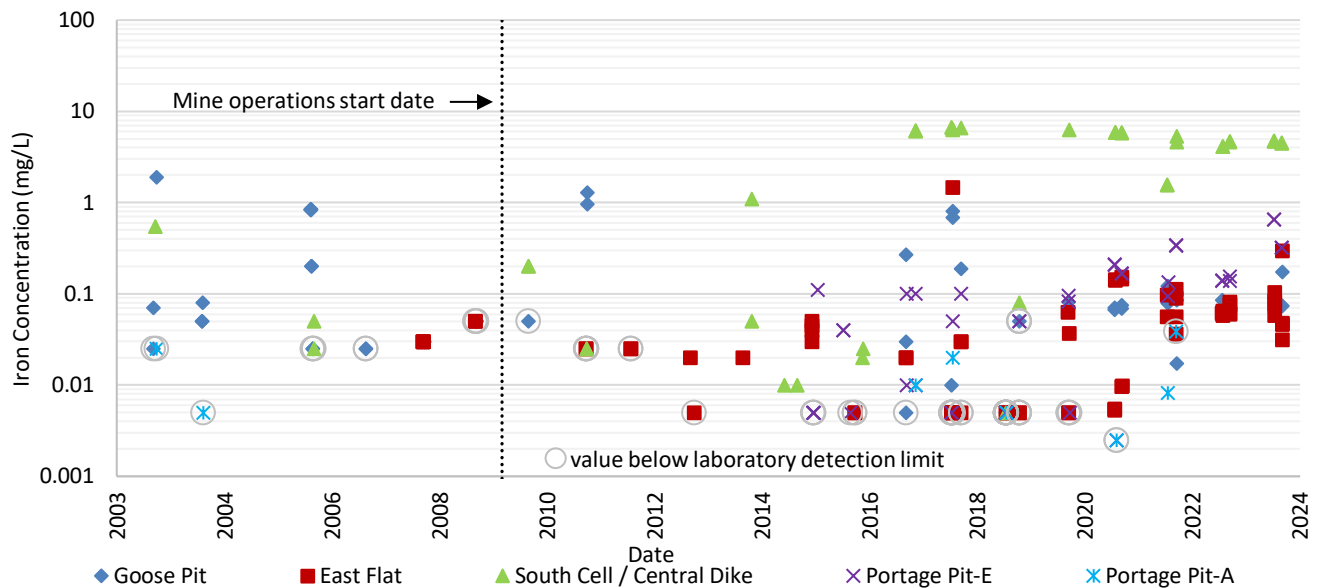


Figure 8: Concentrations of dissolved iron in Meadowbank groundwater by area, between 2003 and 2024

- There is no MAC effluent criteria for iron.
- Dissolved iron concentrations are higher in groundwater within the South Cell and Central Dike area compared to the other monitoring locations, with the concentrations in the South Cell and Central Dike observed to increase between 2005 to 2017 and then remain elevated with some variability.
- Concentrations of dissolved iron at the groundwater monitors within Goose Pit, East Flat and Portage Pit-E have generally been variable over time.

Sulphate

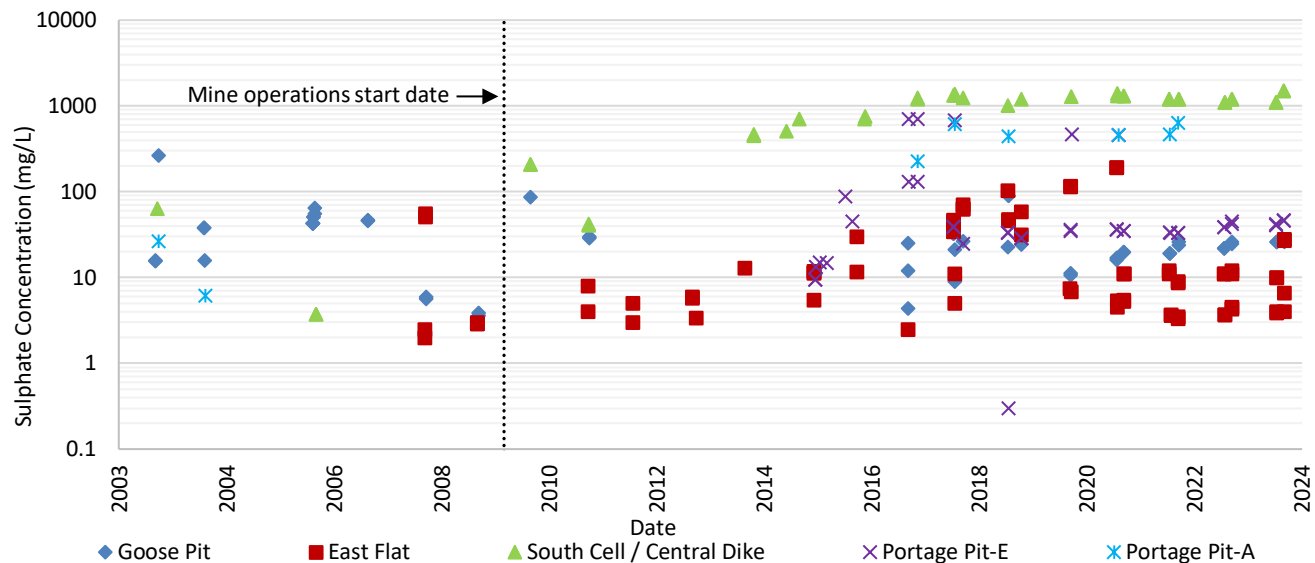


Figure 9: Concentrations of sulphate in Meadowbank groundwater by area, between 2003 and 2024

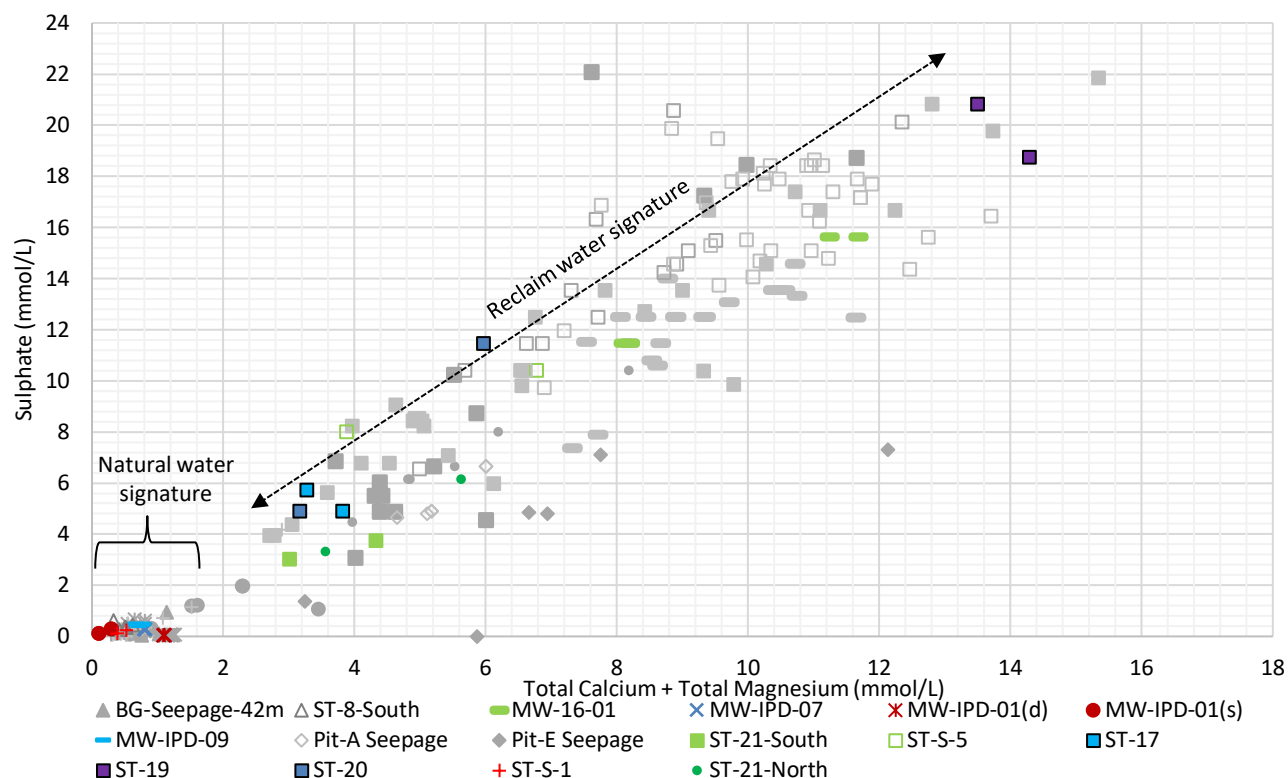
- There is no MAC effluent criteria for sulphate.
- Concentrations of sulphate at South Cell / Central Dike have increased from 2014 to 2018 and have generally remained stable since. A possible exception is a small increase in sulphate observed at MW-16-01 where concentrations increased slightly to 1,500 mg/L in the August 2024 sampling session. Further sampling is required to assess if the concentration is natural variability or if concentrations will further increase with time. The presence of sulphate at that location is likely related to reclaim water seepage.
- Prior to 2020, concentrations of sulphate appeared to be increasing with time, however since 2020 measured concentrations suggest the concentrations may just be fluctuating with time. Higher concentrations of sulphate were measured at MW-IPD-01(s) during the 2024 sessions (10.0 to 28.0 mg/L) compared to the deeper well MW-IPD-01(d), where concentrations were lower (3.9 to 6.6 mg/L). The concentrations sulphate at MW-IPD-01(s), located on the east side of Pit-A, are significantly lower than the concentrations at MW-16-01, located the west of the Pit-A and downgradient of the South Cell / Central Dike. This is consistent with inferred groundwater flow directions, which indicate MW-IPD-01(s) is downgradient of Second Portage Lake.
- No pit-wall seepage samples were taken in 2024 due safety access concerns. Therefore, the elevated concentrations of sulphate from the Pit-E and Pit-A pit-wall seepage samples observed in 2021 or 2022 could not be investigated.

5.4.3 Major Ion Content

The major ion concentration in water is used to discern reclaim water presence in groundwater, as in comparison to locations representative of background groundwater, the reclaim water stations show higher calcium and magnesium content. Figure 10 is a plot of sulphate concentration versus the sum of total calcium and total magnesium. On Figure 10, the collected 2024 data are displayed in colour and are compared to 2017-2023 data displayed in grey.

Data from 2017 to 2024 is plotted on Figure 10 except for surface water samples collected prior to 2020 from the three pits. Prior to 2020, tailings had not been placed within the pits and therefore the collected water would not be representative of reclaim water at the time of sampling. Reclaim water sampled during the spring freshet (i.e., June) is subject to dilution, therefore surface water data from spring freshet are also not included in Figure 10.

The 2024 results show that reclaim water signature is present within the groundwater samples from MW-16-01 whereas this signature is not present in groundwater samples from MW-IPD-01(s), MW-IPD-01(d), MW-IPD-07, and MW-IPD-09.



Note: The 2024 groundwater monitoring and surface water monitoring station data are displayed in colour and are compared to 2017-2023 data displayed in grey.

Figure 10: Concentrations of Sulphate versus Sum Total Calcium and Total Magnesium, 2017 to 2024

5.4.4 Salinity

Table 3 shows that concentrations of constituents related to groundwater salinity are variable throughout the years. Salinity, as indicated by TDS, conductivity and chloride measurements, 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 for the pre-2016 wells may be influenced by the progressive flushing of the salt brine, used during drilling, from the area of the well. The low salinity of IPD well groundwater may also reflect the presence of residual drilling fluid content that 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 3: Concentration of Constituents that Relate to Groundwater Salinity

Area	Monitoring Well	Sample Year	TDS ^(a) (mg/L)	Conductivity ^(d) (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)
		2010	340	335 ^(b)	5.7
	MW11-01	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)
		2023	149 ^(b)	245 ^(b)	6.2 ^(b)
		2024	169 ^(b)	261 ^(b)	8.0 ^(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
		2018	178 ^(b)	176 ^(b)	53.4 ^(b)
	MW-IPD-01(s)	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)

Table 3: Concentration of Constituents that Relate to Groundwater Salinity

Area	Monitoring Well	Sample Year	TDS ^(a) (mg/L)	Conductivity ^(d) (µS/cm)	Chloride (mg/L)
		2022	75 ^(b)	127 ^(b)	3.0 ^(b)
		2023	74 ^(b)	124 ^(b)	1.7 ^(b)
		2024	79 ^(b)	124 ^(b)	3.1 ^(b)
Third Portage East Flat	MW-IPD-01(d)	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)
		2023	165 ^(b)	329 ^(b)	44 ^(b)
		2024	185 ^(b)	320 ^(b)	42 ^(b)
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)
		2023	2,053 ^(b)	2,999 ^(b)	220 ^(b)
		2024	2,418 ^(b)	2,539 ^(b)	248 ^(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)
		2023	123 ^(b)	205 ^(b)	1.4 ^(b)
		2024	203 ^(b)	187 ^(b)	1.2 ^(b)

Notes: mg/L = milligram per litre; Italic - field measured value.

(a) Laboratory measurement except for in 2011 which reported values as dissolved solids.

(b) Average calculated value of annual, bi-annual and/or duplicate sample sets.

(c) TDS value calculated from laboratory measured values of dissolved constituents.

(d) Field conductivity values reported.

Salinity parameters are highest in groundwater at monitoring well MW-16-01 located directly east of the South Cell TSF and Central Dike. This well has historically it has shown an increasing trend since 2016 and remained generally consistent from 2021 through 2024 with some variability.

5.5 Reclaim Water Influences on Groundwater

The following conclusions are based on the interpretation of the 2024 groundwater quality data:

- Groundwater quality does not appear to be affected by IPD operations in the Goose Pit and Portage Pit-E. The groundwater quality in monitoring wells MW-IPD-01(d), MW-IPD-01(s), MW-IPD-07, and MW-IPD-09 continues to display a chemical signature consistent with background groundwater. This is expected since the water level in the pit is lower than the adjacent lakes, and flow is from the lakes towards the IPD wells and open pits. Water quality at these IPD wells is therefore 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 40 mg/L to 43 mg/L in 2024) is likely 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, cyanide, chloride, sodium, calcium, 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 and North Cell TSF.

5.6 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 34% 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 4:

Table 4: Parameters Exceeding QA/QC Acceptable Tolerance Limits

Location	July Session	August Session
MW-16-01	Dissolved metals (Ag, Al, Pb, Ni, Zn) Total Metals (Al, Cu, Pb, Zn).	WAD CN Dissolved Metals (Al, Cu, Ni, Sb, Pb, Zn) Total Metals (Al, Cr, Pb, Zn)
MW-IPD-01(d)	Total Phosphorus, Turbidity Dissolved Metals (Al, Fe, Pb, Ni, Zn) Total Metals (Be, Cr, Cu, Pb)	SO4 Dissolved Metals (Al, Pb) Total Metals (Al, Cu, Pb, Ni, Zn)
MW-IPD-01(s)	Bromide Dissolved Metals (Al, Cu, Fe, Pb, Zn) Total Metals (Al, Ba, Cu, Sb, Fe, Pb, Ni, Zn)	TDS Dissolved Metals (Al, Ba, Cu, Fe, Li, Pb, Sb, Ni, Zn) Total Metals (Cu, Pb, Ni, Zn)
MW-IPD-07	Dissolved Metals (Al, Fe, Ni, Pb, Ti, Zn) Total Metals (Al, Pb)	Dissolved Metals (Al, Cr, Cu, Fe, Pb, Ni, Zn) Total Metals (Al, Cr, Cu, Fe, Pb, Ni, Zn)
MW-IPD-09	Total Phosphorus Dissolved Metals (Al, Pb, Zn) Total Metals (Al, Cu, Pb, Ni, Zn)	Ammonia (NH4) Dissolved Metals (Al, B, Fe, Li, Mn, Ni, Pb, U, Zn) Total Metals (Al, Ba, B, Fe, Mn, Pb, Ni, Zn)

The reason for the deviation in the various dissolved metal constituents is unknown as the groundwater samples were filtered in the field prior to analysis. The presence of trace suspended solids in the samples may have influenced the concentrations of total metal constituents, free cyanide, phosphorus and turbidity between the duplicate samples. The discrepancy between the duplicate samples is interpreted to be primarily caused by variability in the groundwater samples, rather than analytical and/or sampling procedure limitations. Sampling procedures were reviewed with field personnel prior to each sampling session.

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 5 and August 29, 2024. Trace components and major elements for all samples are considered adequately repeatable. 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 some exceptions.

The field blank from July (FB-01) had concentrations of total aluminium, barium, copper, lead, manganese, nickel and zinc at least an order of magnitude higher than the laboratory detection limit. The field blanks comprised of using de-ionized water (issued by the analytical laboratory BV) to fill one set of bottles at wellhead MW-IPD-09 (July) and MW-IPD-07 (August). The source of the low concentrations of the constituents mentioned above are unknown but may have been introduced at the wellhead setting during sampling or sourced from the de-ionized water used for the sample preparation. The trip blanks from July and August had no detections, except for trace concentrations of total zinc (August only). The trip blank consisted of a sealed sample bottle set prepared by the analytical laboratory that was transported with the samples to the lab. If detections in the trip blank were found it is indicative of laboratory or sample bottle contamination and should be reviewed with the lab to verify the source of contamination and target its prevention in future sampling on an ongoing basis.

Total cyanide is the sum of free, WAD and strong cyanide complexes. During 2024, there were occurrences where total and WAD cyanide results remained low and/or below the laboratory detection limit (0.00050 mg/L), while concentrations of free cyanide were detected in trace amounts above the BV laboratory detection limit (0.0020 mg/L) in samples not interpreted to be impacted by reclaim water (i.e., groundwater samples from MW-IPD-01(d), MW-IPD-01(s) and MW-IPD-07 during the July session only, refer to Table B-3 included Appendix B). Correspondence with the analytical laboratory (BV) indicates there is a higher degree of certainty with the total and WAD cyanide results since the analytical methods are automated instead of manual (free cyanide).

An extra sample was collected from each of the five monitoring wells and two QA/QC samples (trip and field blanks) during the August 2024 session and submitted to a second analytical laboratory (SGS) for analysis of cyanide species for QA/QC purposes. The method detection limit was higher for the parameter species at SGS than BV. Cyanide results reported by each lab were generally similar, except for total cyanide measured at MW-16-01 and MW-IPD-07. Concentrations of cyanide species were reported lower at MW-16-01 by SGS (total cyanide 0.030 mg/L and free cyanide <0.0020 mg/L) compared to BV (total cyanide average 0.454 mg/L and free cyanide 0.023 mg/L). Cyanide results were reported below the laboratory detection limit at MW-IPD-07, except for the WAD cyanide result reported by SGS (0.1 mg/L) compared to BV (<0.00050 mg/L). The trace of cyanide species reported by BV remain within the acceptability limits for reporting.

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

6 SUMMARY OF MONITORING WELL CONDITIONS

Monitoring wells in 2024 were observed to be 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. The doors to the Seacan could not be fully shut at upon completion of the July and September 2024 sessions. The Seacan door should be maintained shut to protect the well enclosure from weather conditions, intrusion or damage by animals or traffic. However, a plastic bag was left overtop the well to protect it in case the Seacan door opens.

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 the DVP remains operational. This must continue to be considered when reviewing water quality data. No recovery efforts are deemed necessary if the monitoring well and DVP are operational and do not affect the water quality in the well.

7 CONCLUSIONS

The groundwater monitoring program was conducted in July and August 2024. WSP collected groundwater samples from the five 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 provided supplemental surface water quality data to assess the potential influence of reclaim water seepage on groundwater quality. Groundwater samples were not collected at Pit-A or Pit-E Seepage during the 2024 groundwater sampling campaign due to the pits being inaccessible (flooded conditions in the pit at the seepage inflow points).

For comparative purposes only, groundwater quality results were compared to the Portage effluent quality discharge limits in the Meadowbank Water Licence. No groundwater quality criteria are applicable to the site. Sample analytical results from each of the collected samples was below the Portage effluent discharge limits.

The groundwater quality at MW-16-01 is interpreted to be affected by reclaim water from the South Cell and North Cell TSF based on similar chemical signatures to reclaim water monitoring stations ST-21-North (North Cell TSF surface water), ST-21-South (South Cell TSF surface water), and ST-S-5 (Central Dike seepage) and observed water levels that indicate the well is downgradient of these facilities. Reclaim water signature parameters continues to be a good indicator of TSF seepage effects, where the presence of elevated cyanide and arsenic concentrations appear to be associated with mining operations, specifically water from the TSF and Central Dike Pond and not IPD at this time.

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, which is consistent with interpreted flow directions. Future concentrations can be compared to these background concentrations as water levels in the pits continue to rise.

Based on the results of the 2024 groundwater monitoring program, the monitored groundwater quality locations do not appear to be affected by in-pit deposition operations. 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), and the measured concentrations are considered to be representative of the natural groundwater signature.

8 RECOMMENDATIONS

Based on the findings of the 2024 groundwater monitoring program, the following recommendations are made for the 2025 groundwater monitoring program:

- Continue to include a 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. This information is used to evaluate the hydraulic gradients influencing the potential movement of reclaim water, and its discharge to surface water through the groundwater pathway. The movement of reclaim water across the site may change as the tailings and water levels in the IPD pits increase over time.
- Continue to coordinate routine sampling of the Meadowbank Mine Water Licence stations of interest concurrently with the bi-annual groundwater monitoring program. In particular, this includes 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, and MW-16-01, the IPD monitoring wells and Pit-A wall seepage (if accessible). The analysis list for the surface water stations should include the full parameter list that the groundwater samples are analyses for.
- Water quality data MBK landfill and Portage RSF should continue to be collected to assist in distinguishing between the reclaim water signature and waste rock contact water.
- In accordance with Table 2 of the Meadowbank Water Licence, continue to monitor pit seeps monthly 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.

9 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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10 STUDY LIMITATIONS

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11 REFERENCES

- Agnico Eagle (Agnico Eagle Mines Limited). 2020. Meadowbank Gold Project Groundwater Monitoring Plan, Version 11. April 2020.
- 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
- Golder Associates Ltd. (Golder). 2020 Groundwater Monitoring Report Meadowbank Mine, Nunavut. March 2021. 20148777-504-R-Rev0. March 2021.
- Golder. 2021 Groundwater Monitoring Report Meadowbank Mine, Nunavut. March 2022. 21452766-535-R-Rev0. March 2022.
- WSP Canada Inc. (WSP). 2022 Groundwater Monitoring Report Meadowbank Mine, Nunavut. March 14, 2023. 22525330-571-R-Rev0.
- WSP. 2023 Groundwater Monitoring Report Meadowbank Mine, Nunavut. March 19, 2024. CA0007108.1008-MBK2024_001-R-R-Rev0.
- Hounslow AW (1995) Water Quality Data: analysis and interpretation. CRC Press, Florida
- SNCL (SNC-Lavalin). 2017 Factual Field Report – Meadowbank Technical Note. Version 00. Ref. 645182-0000-4EER-0001. December 17, 2018.
- SNCL. 2018. 2018 Groundwater Monitoring Report. Technical Note. Version 00. Ref.: 645182-3000-4EER-0001. December 17, 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

**2024 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 A-1 summarizes the 2024 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 likely in-sufficient for bi-annual groundwater monitoring session, with the exception of MW-16-01, MW-IPD-01(d) and MW-IPD-09. Additional nitrogen will be required.

Table A-1: 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 2024 Groundwater Monitoring Program (psi)		
	July 2024	August 2024	Tank 1	Tank 2	Tank 3
MW-16-01	2,800	2,600	0	0	
MW-IPD-01(s)	900	750	850	2,500	1,800
MW-IPD-01(d)	2,850	2,650	0	300	
MW-IPD-07	100	100	2,200	900	
MW-IPD-09	600	1700	800	300	700

Location	MW-IPD-01(d)		Nitrogen Tank Pressure (Start)			Tank 1 - 2000 psi / Tank 2 - 900 psi / Tank 3 150 psi / Tank 4 600 psi / Tank 5 100 psi								Date:	2024-07-09	
Screen Depth (m)	163-181		Nitrogen Tank Pressure (End)			Tank 1 - 0 psi / Tank 2 - 650 psi / Tank 3 150 psi / Tank 4 0 psi / Tank 5 100 psi								Static Water Level:	13.42	
Pump Depth (m)	175		Pressure required to collect sample			2850 psi								Field Personnel:	G. Sharma	
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 (g/L)	Salinity (ppt)	Comments
9-Jul-24	7:30	130	Medium	Start ECU - filling Flow Through Cell			13.49	7.90	0.358	8.41	0.75	101.2	1.9	180	0.17	Clear, slight sulphur odor
9-Jul-24	7:45	130	Medium	100	1.50	2.50	13.50	8.51	0.345	8.33	0.46	86.8	4.7	171	0.16	Clear, slight sulphur odor
9-Jul-24	8:00	130	Medium	100	1.50	4.00	13.52	8.59	0.335	8.53	0.36	81.6	6.7	168	0.16	Clear, slight sulphur odor
9-Jul-24	8:15	130	Medium	100	1.50	5.50	13.52	8.63	0.327	8.80	0.32	77.4	20.5	165	0.16	Clear, slight sulphur odor
9-Jul-24	8:30	130	Medium	100	1.50	7.00	13.54	8.64	0.329	8.95	0.32	76.2	4.3	165	0.16	Clear, slight sulphur odor
9-Jul-24	8:45	130	Medium	100	1.50	8.50	13.54	8.65	0.324	9.19	0.33	74.5	2.3	164	0.16	Clear, slight sulphur odor
9-Jul-24	9:00	130	Medium	100	1.50	10.00	13.54	8.66	0.322	9.32	0.31	75	7.4	164	0.16	Clear, slight sulphur odor
9-Jul-24	9:15	130	Medium	100	1.50	11.50	13.54	8.69	0.328	9.34	0.28	72.7	7.9	163	0.16	Clear, slight sulphur odor
9-Jul-24	9:30	130	Medium	100	1.50	13.00	13.54	8.70	0.329	9.34	0.28	71.8	12.2	163	0.16	Clear, slight sulphur odor
9-Jul-24	9:45	130	Medium	115	1.73	14.73	13.54	8.72	0.332	9.35	0.9	71.7	3.0	164	0.16	Increased DO, unsure as to why.
9-Jul-24	10:00	130	Medium	115	1.73	16.45	13.54	8.70	0.329	9.36	0.94	71.7	7.4	164	0.16	Clear, slight sulphur odor
9-Jul-24	10:15	130	Medium	115	1.73	18.18	13.54	8.70	0.33	9.38	1.04	70.7	9.2	164	0.16	Clear, slight sulphur odor
9-Jul-24	10:30	130	Medium	115	1.73	19.90	13.54	8.72	0.332	9.41	1.01	75.2	12.4	166	0.16	Clear, slight sulphur odor
9-Jul-24	10:45	130	Medium	115	1.73	21.63	13.54	8.73	0.333	9.5	1.34	70.1	12.5	166	0.16	Clear, slight sulphur odor
9-Jul-24	11:00	130	Medium	115	1.73	23.35	13.54	8.76	0.338	9.62	1.42	70.3	11.4	167	0.16	Clear, slight sulphur odor
9-Jul-24	11:15	130	Medium	115	1.73	25.08	13.54	8.74	0.332	9.66	1.43	69.4	12.2	167	0.16	Clear, slight sulphur odor
9-Jul-24	11:30	130	Medium	115	1.73	26.80	13.54	8.73	0.331	9.61	1.49	70.5	12.9	168	0.16	Clear, slight sulphur odor
9-Jul-24	11:45	130	Medium	115	1.73	28.53	13.54	8.73	0.326	9.56	1.25	68.9	10.4	165	0.16	Clear, slight sulphur odor
9-Jul-24	12:00	130	Medium	115	1.73	30.25	13.54	8.72	0.329	9.59	1.74	70.3	9.8	163	0.16	Clear, slight sulphur odor
9-Jul-24	12:15	130	Medium	115	1.73	31.98	13.54	8.72	0.33	9.61	1.30	69.9	8.4	167	0.16	Clear, slight sulphur odor
9-Jul-24	12:30	130	Medium	115	1.73	33.70	13.54	8.72	0.329	9.63	1.28	69.9	7.3	168	0.16	Changed Nitrogen Tank to Tank 4
9-Jul-24	12:45	130	Medium	115	1.73	35.43	13.54	8.71	0.332	9.53	1.30	71.3	8.1	169	0.16	Clear, slight sulphur odor
9-Jul-24	13:00	130	Medium	115	1.73	37.15	13.54	8.72	0.329	9.49	1.29	70.1	7.9	167	0.16	Clear, slight sulphur odor
9-Jul-24	14:10	130	Medium	115	1.73	-	-	-	-	-	-	-	-	-	-	Changed Nitrogen Tank to Tank 2
9-Jul-24	15:01	130	Medium	115	1.73	-	13.54	8.71	0.335	11.99	0.47	80.2	4.3	167	0.16	Readings taken after sampling.
Start Sampling at 13:10 - MW-IPD-01(d)a, MW-IPD-01(d)b, MW-IPD-01(d)c																
End Sampling at 15:00																

Location	MW-IPD-01(s)		Nitrogen Tank Pressure (Start)			Tank 1 1000 psi / Tank 2 2500 psi / Tank 3 1600 psi / Tank 4 1800 psi								Date:	2024-07-10		
Screen Depth (m)	51-69		Nitrogen Tank Pressure (End)			Tank 1 100 psi / Tank 2 2500 psi / Tank 3 1600 psi / Tank 4 1800 psi								Static Water Level:	13.29		
Pump Depth (m)	60		Pressure required to collect sample			900 psi								Field Personnel:	G. Sharma		
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 (g/L)	Salinity (ppt)	Comments	
10-Jul-24	7:45	60	Medium	Start ECU - filling Flow Through Cell			13.30	7.09	0.15	8.84	4.95	117.3	0.60	76	0.07	Clear	
10-Jul-24	8:00	60	Medium	150	2.25	3.25	13.31	8.13	0.143	8.23	2.63	103.0	0.3	71	0.08	Clear	
10-Jul-24	8:15	60	Medium	150	2.25	5.50	13.32	8.44	0.135	8.34	2.32	93.6	0.3	66	0.07	Clear	
10-Jul-24	8:30	60	Medium	150	2.25	7.75	13.32	8.54	0.129	8.43	2.29	88.7	0.7	64	0.06	Clear	
10-Jul-24	8:45	70	Medium	170	2.55	10.30	13.32	8.60	0.127	9.86	1.87	84.4	0.3	64	0.06	Slight increase in pressure	
10-Jul-24	9:00	70	Medium	170	2.55	12.85	13.32	8.94	0.129	13.95	1.54	66.2	0.3	64	0.06	Clear	
10-Jul-24	9:15	70	Medium	170	2.55	15.40	13.32	8.91	0.131	16.22	1.50	63.0	0.4	62	0.07	Clear	
10-Jul-24	9:30	70	Medium	170	2.55	17.95	13.32	8.91	0.129	17.70	1.47	66.7	0.5	65	0.06	Clear	
10-Jul-24	9:45	70	Medium	170	2.55	20.50	13.32	8.79	0.129	18.37	1.29	69.2	0.4	67	0.06	Clear	
10-Jul-24	10:00	70	Medium	170	2.55	23.05	13.32	8.75	0.132	18.63	1.38	73.0	0.6	66	0.06	Clear	
10-Jul-24	10:15	70	Medium	170	2.55	25.60	13.32	8.71	0.132	18.86	1.33	77.6	0.7	66	0.06	Clear	
10-Jul-24	10:30	70	Medium	170	2.55	28.15	13.32	8.78	0.132	19.23	1.34	75.2	0.4	68	0.06	Clear	
10-Jul-24	10:45	70	Medium	170	2.55	30.70	13.32	8.69	0.138	19.35	1.36	76.5	0.5	68	0.06	Clear	
10-Jul-24	11:00	70	Medium	170	2.55	33.25	13.32	8.62	0.134	19.37	1.29	80.8	0.5	68	0.06	Clear	
10-Jul-24	11:15	70	Medium	170	2.55	35.80	13.32	8.66	0.135	19.39	1.30	77.1	0.4	68	0.06	Clear	
10-Jul-24	11:30	70	Medium	170	2.55	38.35	13.32	8.66	0.136	19.43	1.32	76.8	0.5	69	0.07	Clear	
10-Jul-24	11:45	70	Medium	170	2.55	40.90	13.32	8.69	0.139	19.61	1.31	76.4	0.3	70	0.07	Clear	
10-Jul-24	12:15	70	Medium	170	5.10	46.00	13.32	8.67	0.136	19.6	1.20	80.4	0.3	67	0.06	Clear	
10-Jul-24	12:30	70	Medium	170	2.55	48.55	13.32	8.67	0.139	19.64	1.21	76.9	0.3	69	0.07	Clear	
10-Jul-24	12:45	70	Medium	170	2.55	51.10	13.32	8.65	0.139	19.65	1.20	76.5	0.4	70	0.07	Clear	
10-Jul-24	13:00	70	Medium	170	2.55	53.65	13.32	8.65	0.136	19.67	1.21	75.7	0.4	70	0.07	Clear	
10-Jul-24	13:15	70	Medium	170	2.55	56.20	13.32	8.66	0.131	19.63	1.20	80.0	0.4	69	0.07	Clear	
10-Jul-24	13:30	70	Medium	170	2.55	58.75	13.32	8.64	0.135	19.66	1.24	77.8	0.5	68	0.07	Clear	
		Start Sampling 13:35 - MW-IPD-01(s)a, MW-IPD-01(s)b, MW-IPD-01(s)c															
		End Sampling at 14:37															

Location	MW-IPD-07		Nitrogen Tank Pressure (Start)			Tank 1 2300 psi / Tank 2 1000 psi								Date:	2024-07-08		
Screen Depth (m)	42-50		Nitrogen Tank Pressure (End)			Tank 1 2200 psi / Tank 1000 psi								Static Water Level:	2.195		
Pump Depth (m)	40		Pressure required to collect sample			100 psi								Field Personnel:	G.Sharma		
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 (g/L)	Salinity (ppt)	Comments	
8-Jul-24	11:40	40	Low	Start ECU - filling Flow Through Cell			2.33	9.05	0.298	20.82	0	65.6	1.6	149	0.14	Clear, slight sulphur odor	
8-Jul-24	11:45	40	Low	150	0.75	2.75	2.40	9.01	0.293	20.57	0	65.2	2.2	150	0.15	Clear, slight sulphur odor	
8-Jul-24	12:00	40	Low	150	2.25	5.00	2.47	8.87	0.274	20.54	0	72.5	15.0	137	0.13	Clear, slight sulphur odor	
8-Jul-24	12:15	40	Low	150	2.25	7.25	2.60	8.87	0.279	20.39	0	74.8	30.20	139	0.13	Clear, slight sulphur odor	
8-Jul-24	12:30	40	Low	150	2.25	9.50	2.65	8.86	0.283	20.39	0	70.4	37.0	141	0.14	Clear, slight sulphur odor	
8-Jul-24	12:45	40	Low	150	2.25	11.75	2.74	8.85	0.283	20.34	0	68.9	4.0	141	0.14	Clear, slight sulphur odor	
8-Jul-24	13:00	40	Low	150	2.25	14.00	2.69	8.84	0.278	20.63	0	72.7	9.2	139	0.13	Clear, slight sulphur odor	
8-Jul-24	13:15	40	Low	150	2.25	16.25	2.74	8.87	0.275	20.5	0	71.2	55.9	138	0.13	Clear, slight sulphur odor	
8-Jul-24	13:30	40	Low	150	2.25	18.50	2.79	8.89	0.274	20.43	0	71.9	57.6	136	0.13	Clear, slight sulphur odor	
8-Jul-24	13:45	40	Low	150	2.25	20.75	2.78	8.87	0.273	20.63	0	69.0	125.0	137	0.13	Clear, slight sulphur odor	
8-Jul-24	14:00	40	Low	150	2.25	23.00	2.81	8.88	0.269	20.61	0	72.1	265.0	135	0.13	Clear, slight sulphur odor	
8-Jul-24	14:15	40	Low	150	2.25	25.25	2.86	8.87	0.265	20.74	0	70.0	190.0	133	0.13	Clear, slight sulphur odor	
8-Jul-24	14:30	40	Low	150	2.25	27.50	2.91	8.89	0.28	20.55	0	69.5	140.0	141	0.13	Clear, slight sulphur odor	
8-Jul-24	14:45	40	Low	150	2.25	29.75	2.84	8.89	0.277	20.52	0	69.6	29.6	139	0.13	Clear, slight sulphur odor	
8-Jul-24	15:00	40	Low	150	2.25	32.00	2.82	8.88	0.277	20.59	0	69.7	24.0	141	0.13	Clear, slight sulphur odor	
8-Jul-24	15:15	40	Low	150	2.25	34.25	2.82	8.89	0.278	20.65	0	69.0	50.3	139	0.13	Clear, slight sulphur odor	
	14:00	Start Sampling at 15:15 - MW-IPD-07a, MW-IPD-07b, MW-IPD-07c															
	15:30	End Sampling at 16:50															

Location	MW-IPD-09		Nitrogen Tank Pressure (Start)			Tank 1 - 1800 psi								Date:	2024-07-05	
Screen Depth (m)	62-80		Nitrogen Tank Pressure (End)			Tank 1 - 700 psi								Static Water Level:	2.72	
Pump Depth (m)	70		Pressure required to collect sample			600 psi								Field Personnel:	G.Sharma	
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 (g/L)	Salinity (ppt)	Comments
5-Jul-24	9:42	40	High	Start ECU - filling Flow Through Cell				7.42	0	19.01	0.11	90.8	2.8	0	0.00	Clear
5-Jul-24	9:47	40	High	90	0.45	1.35	2.72	7.41	0	18.99	0	91.9	6.30	0.000	0.00	Clear
5-Jul-24	9:52	40	High	90	0.55	1.90	2.72	7.31	0	19.00	0	96.7	2.10	0.000	0.00	Clear
5-Jul-24	9:58	52	High	125	0.625	2.53	2.72	7.40	0	19.10	0	96.5	2.0	0.000	0.00	Clear
5-Jul-24	10:03	52	High	125	0.625	3.15	2.72	7.40	0	19.08	0	94.6	2.3	0.000	0.00	Clear
5-Jul-24	10:08	52	High	125	0.625	3.78	2.72	7.38	0.015	19.21	0	94.6	2.3	9.000	0.01	Clear
5-Jul-24	10:13	52	High	125	0.625	4.40	2.72	7.38	0.017	19.20	0	96	3.3	9.000	0.01	Clear
5-Jul-24	10:18	52	High	125	0.625	5.03	2.72	7.40	0.03	19.31	0	95.1	8.6	17.000	0.01	Clear
5-Jul-24	10:23	52	High	125	0.625	5.65	2.72	7.40	0.042	19.29	0	96.7	13.7	19.000	0.02	Clear
5-Jul-24	10:28	52	High	125	0.625	6.28	2.72	7.38	0.046	19.43	0	95.3	22.2	21.000	0.02	Clear
5-Jul-24	10:33	52	High	125	0.625	6.90	2.72	7.38	0.049	19.37	0	95.4	38.5	32.000	0.03	Clear
5-Jul-24	10:38	52	High	125	0.625	7.53	2.72	7.42	0.045	19.36	0	95.3	55.0	30.000	0.03	Clear
5-Jul-24	10:43	52	High	125	0.625	8.15	2.72	7.41	0.083	19.36	0	94.1	56.0	46.000	0.04	Clear
5-Jul-24	10:48	52	High	125	0.625	8.78	2.72	7.40	0.06	19.34	0	96.2	55.5	27.000	0.02	Clear
5-Jul-24	10:53	52	High	125	0.625	9.40	2.72	7.42	0.059	19.27	0	96	29.6	29.000	0.02	Clear
5-Jul-24	10:58	52	High	125	0.625	10.03	2.72	7.40	0.062	19.28	0	97.8	21.4	37.000	0.04	Clear
5-Jul-24	11:03	52	High	125	0.625	10.65	2.72	7.40	0.062	19.37	0	95.5	13.2	36.000	0.03	Clear
5-Jul-24	11:08	52	High	125	0.625	11.28	2.72	7.40	0.097	19.36	0	97	12.0	35.000	0.05	Clear
5-Jul-24	11:13	52	High	125	0.625	11.90	2.72	7.38	0.076	19.39	0	97.5	49.0	35.000	0.03	Clear
5-Jul-24	11:18	52	High	125	0.625	12.53	2.72	7.40	0.077	19.37	0	96.7	49.0	35.000	0.03	Clear
5-Jul-24	11:23	52	High	125	0.625	13.15	2.72	7.40	0.077	19.39	0	95	49.0	35.000	0.03	Clear
																Restabilize/Resample
5-Jul-24	15:30	52	High	125	0.625	13.78	2.72	7.23	0.175	18.97	0.20	98	2.2	89.000	0.09	Clear
5-Jul-24	15:35	52	High	125	0.625	14.40	2.72	7.35	0.176	18.81	0.02	94.2	2.7	83.000	0.08	Clear
5-Jul-24	15:40	52	High	125	0.625	15.03	2.72	7.38	0.14	18.66	0.00	95.2	3.3	64.000	0.06	Clear
5-Jul-24	15:45	52	High	125	0.625	15.65	2.72	7.36	0.129	18.66	0.00	96.2	3.0	64.000	0.06	Clear
5-Jul-24	15:50	52	High	125	0.625	16.28	2.72	7.40	0.131	18.64	0.00	96.3	3.2	65.000	0.06	Clear
5-Jul-24	15:55	52	High	125	0.625	16.90	2.72	7.38	0.13	18.65	0.00	97.3	3.4	65.000	0.06	Clear
5-Jul-24	16:00	52	High	125	0.625	17.53	2.72	7.42	0.132	18.76	0.00	96	3.7	72.000	0.07	Clear
5-Jul-24	16:05	52	High	125	0.625	18.15	2.72	7.44	0.133	18.74	0.00	95.4	5.3	69.000	0.06	Clear
5-Jul-24	16:10	52	High	125	0.625	18.78	2.72	7.43	0.133	18.73	0.00	95.2	9.1	68.000	0.06	Clear
5-Jul-24	16:15	52	High	125	0.625	19.40	2.72	7.44	0.132	18.75	0.00	95	13.0	66.000	0.06	Clear
5-Jul-24	16:30	52	High	125	1.875	21.28	2.72	7.44	0.142	18.81	0.00	95.4	37.6	70.000	0.07	Clear
5-Jul-24	16:35	52	High	125	0.625	21.90	2.72	7.46	0.152	18.79	0.00	95	25.2	80.000	0.07	Clear
5-Jul-24	16:40	52	High	125	0.625	22.53	2.72	7.44	0.16	18.81	0.00	95	42.9	78.000	0.07	Clear
5-Jul-24	16:45	52	High	125	0.625	23.15	2.72	7.38	0.156	18.77	0.00	98.2	3.3	77.000	0.07	Clear
5-Jul-24	16:50	52	High	125	0.625	23.78	2.72	7.36	0.155	18.71	0.00	98.3	2.5	77.000	0.07	Clear
5-Jul-24	16:55	52	High	125	0.625	24.40	2.72	7.39	0.156	18.82	0.00	97.5	2.5	77.000	0.07	Clear
5-Jul-24	17:00	52	High	125	0.625	25.03	2.72	7.38	0.156	18.81	0.00	96.7	2.7	77.000	0.07	Clear
		Start sampling at 17:00: MW-IPD-09a, MW-IPD-09b, MW-IPD-09c														
		End Sampling at 18:30														

Location	MW-16-01		Nitrogen Tank Pressure (Start)			Tank 1 - 2500 psi / Tank 2 - 2500 psi							Date:	2024-07-06			
Screen Depth (mah)	89-101		Nitrogen Tank Pressure (End)			Tank 1 - 200 psi / Tank 2 - 2000 psi							Static Water Level:	5.67			
Pump Depth (mah)	-90		Pressure required to collect sample			2800 psi							Field Personnel:	G. Sharma			
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 (g/L)	Salinity (ppt)	Comments	
6-Jul-24	8:40	80	High	Start ECU - filling Flow Through Cell				7.45	2.977	14.45	0.16	93.1	3.9	1484	1.56	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	8:45	80	High	120	0.6	1.20	5.67	7.54	2.892	14.42	0.17	92.7	14.0	1443	1.51	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	8:50	80	High	120	0.6	1.80	5.67	7.58	2.851	14.21	0.19	91.9	31.3	1425	1.49	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	8:55	80	High	120	0.6	2.40	5.675	7.60	2.789	14.09	0.21	91.2	173.0	1395.00	1.5	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	9:00	80	High	120	0.6	3.00	5.675	7.62	2.742	14.07	0.19	90.9	110.0	1368	1.4	Switched to 15 min intervals	
6-Jul-24	9:15	80	High	120	1.8	4.80	5.675	7.64	2.57	13.8	0.19	90.5	313.0	1285	1.34	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	9:30	80	High	120	1.8	6.60	5.68	7.64	2.339	13.79	0.18	90.4	45.5	1169	1.21	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	9:45	80	High	120	1.8	8.40	5.68	7.64	2.246	13.81	0.19	90.3	188.0	1123	1.16	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	10:00	80	High	120	1.8	10.20	5.68	7.64	2.162	13.85	0.20	89.6	390.0	1083	1.12	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	10:15	90	High	150	2.25	12.45	5.68	7.65	2.147	13.73	0.20	89.5	58.3	1072	1.11	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	10:30	90	High	150	2.25	14.70	5.68	7.64	2.096	13.89	0.22	88.9	60.5	1051	1.08	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	10:45	90	High	150	2.25	16.95	5.691	7.65	2.031	13.77	0.23	88.4	436.0	1014	1.04	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	11:00	90	High	150	2.25	19.20	5.695	7.65	2.044	13.69	0.23	88.2	175	1022	1.05	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	11:15	90	High	150	2.25	21.45	5.685	7.65	1.98	123.69	0.20	87.1	358	989	1.02	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	11:30	90	High	150	2.25	23.70	5.685	7.66	1.95	13.98	0.16	86.6	155	975	1.01	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	11:45	90	High	150	2.25	25.95	5.685	7.66	1.905	13.79	0.12	86.1	6.5	953	0.98	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	12:00	90	High	150	2.25	28.20	5.685	7.65	1.876	13.8	0.10	85.9	171	938	0.96	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	12:15	90	High	150	2.25	30.45	5.685	7.67	1.817	13.76	0.06	85.3	24.2	908	0.93	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	12:30	90	High	150	2.25	32.70	5.685	7.66	1.801	13.95	0.05	84.7	237.0	900	0.92	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	12:45	90	High	150	2.25	34.95	5.685	7.68	1.774	13.9	0.06	84	12.2	881	0.9	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	13:00	90	High	150	2.25	37.20	5.685	7.67	1.774	14.1	0.11	83.6	32.9	889	0.91	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	13:15	90	High	150	2.25	39.45	5.685	7.67	1.774	14.01	0.16	83.5	28.7	885	0.91	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	13:30	90	High	150	2.25	41.70	5.685	7.67	1.738	14	0.14	83.2	194.0	869	0.89	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	13:45	90	High	150	2.25	43.95	5.685	7.67	1.7	14.04	0.08	82.7	40.6	851	0.87	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	14:00	90	High	150	2.25	46.20	5.685	7.67	1.698	14.11	0.10	82.5	93.7	847	0.87	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	14:15	90	High	150	2.25	48.45	5.685	7.67	1.662	14.01	0.08	82.9	41.3	829	0.84	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	14:30	90	High	150	2.25	50.70	5.685	7.67	1.652	14.04	0.05	82.2	33.4	825	0.84	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	14:45	90	High	150	2.25	52.95	5.685	7.68	1.636	13.97	0.06	82.1	60.0	821	0.83	Clear, sulphur/egg odour, yellow tint	
6-Jul-24	15:00	90	High	150	2.25	55.20	5.685	7.68	1.642	14.2	0.08	82.4	155.0	821	0.83	Clear, sulphur/egg odour, yellow tint	
Start sampling at 15:15; MW-IPD-01a, MW-IPD-01b, MW-IPD-01c																	
End sampling at 16:45																	

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

Location	MW-IPD-01(d)		Nitrogen Tank Pressure (Start)			Tank 1 - 2300 psi / Tank 2 - 650 psi								Date:	2024-08-30	
Screen Depth (m)	163-181		Nitrogen Tank Pressure (End)			Tank 1 - 0 psi / Tank 2 - 300 psi								Static Water Level:	14.83	
Pump Depth (m)	175		Pressure required to collect sample			2650 psi								Field Personnel:	G. Sharma	
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 (g/L)	Salinity (ppt)	Comments
30-Aug-24	7:30	140	Medium	Start ECU - filling Flow Through Cell			14.91	7.47	0.31	21.28	0.94	-12.6	3.78	155	0.15	Clear, slight sulphur odor
30-Aug-24	7:45	140	Medium	115	1.73	1.73	14.93	8.16	0.308	22.14	0.21	-9.3	3.1	154	0.15	Clear, slight sulphur odor
30-Aug-24	8:00	140	Medium	115	1.73	3.45	14.95	8.22	0.307	22.37	0.17	-10.4	2.9	153	0.15	Clear, slight sulphur odor
30-Aug-24	8:15	140	Medium	115	1.73	5.18	14.95	8.23	0.303	22.59	0.10	-11.9	0.8	151	0.14	Clear, slight sulphur odor
30-Aug-24	8:30	140	Medium	115	1.73	6.90	14.97	8.24	0.308	22.71	0.06	-13.5	0.7	154	0.15	Clear, slight sulphur odor
30-Aug-24	8:45	140	Medium	115	1.73	8.63	14.97	8.24	0.305	22.90	0.00	-16.7	0.6	156	0.15	Clear, slight sulphur odor
30-Aug-24	9:00	140	Medium	115	1.73	10.35	14.98	8.23	0.3	22.87	0.00	-18.1	0.5	150	0.14	Clear, slight sulphur odor
30-Aug-24	9:15	140	Medium	115	1.73	12.08	14.98	8.23	0.307	22.82	0.00	-20.9	0.4	153	0.15	Clear, slight sulphur odor
30-Aug-24	9:30	140	Medium	115	1.73	13.80	14.98	8.23	0.306	22.92	0.00	-21.1	0.4	153	0.14	Clear, slight sulphur odor
30-Aug-24	9:45	140	Medium	115	1.73	15.53	14.98	8.23	0.303	22.72	0.00	-24.4	0.4	151	0.14	Clear, slight sulphur odor
30-Aug-24	10:00	140	Medium	115	1.73	17.25	14.98	8.23	0.31	22.93	0.00	-28.8	0.4	155	0.15	Clear, slight sulphur odor
30-Aug-24	10:15	140	Medium	115	1.73	18.98	15.00	8.23	0.312	22.96	0.00	-35.4	0.4	156	0.15	Clear, slight sulphur odor
30-Aug-24	10:30	140	Medium	115	1.73	20.70	14.98	8.23	0.309	22.89	0.00	-46.8	0.4	154	0.15	Clear, slight sulphur odor
30-Aug-24	10:45	140	Medium	115	1.73	22.43	14.98	8.23	0.303	22.93	0.00	-67.7	0.3	152	0.14	Clear, slight sulphur odor
30-Aug-24	11:00	140	Medium	115	1.73	24.15	14.98	8.23	0.31	22.87	0.00	-125.6	0.3	155	0.15	Clear, slight sulphur odor
30-Aug-24	11:15	140	Medium	115	1.73	25.88	14.98	8.23	0.309	22.87	0.00	-171.5	0.3	154	0.15	Clear, slight sulphur odor
30-Aug-24	11:30	140	Medium	115	1.73	27.60	14.98	8.23	0.302	22.76	0.00	-172.6	0.3	151	0.14	Clear, slight sulphur odor
30-Aug-24	11:45	140	Medium	115	1.73	29.33	14.98	8.23	0.309	22.96	0.00	-173.2	0.2	154	0.15	Clear, slight sulphur odor
30-Aug-24	12:00	140	Medium	115	1.73	31.05	14.98	8.23	0.31	22.94	0.00	-172.5	0.2	155	0.15	Clear, slight sulphur odor
30-Aug-24	12:15	140	Medium	115	1.73	32.78	14.98	8.23	0.308	22.71	0.00	-173.5	0.2	155	0.15	Clear, slight sulphur odor
30-Aug-24	12:30	140	Medium	115	1.73	34.50	14.98	8.23	0.305	22.72	0.00	-172.3	0.25	153	0.15	Clear, slight sulphur odor
30-Aug-24	13:30	140	Medium	115	1.73	-	-	-	-	-	-	-	-	-	-	Changed Nitrogen Tank to Tank 2 during sampling
		Start Sampling at 12:45 - MW-IPD-01(d)a, MW-IPD-01(d)b, MW-IPD-01(d)c														
		End Sampling at 14:30														

Location	MW-IPD-01(s)		Nitrogen Tank Pressure (Start)			Tank 1 1600 psi / Tank 2 2500 psi / Tank 3 1800 psi / Tank 4 100 psi							Date:	2024-08-31		
Screen Depth (m)	51-69		Nitrogen Tank Pressure (End)			Tank 1 850 psi / Tank 2 2500 psi / Tank 3 1800 psi / Tank 4 100 psi							Static Water Level:	14.78		
Pump Depth (m)	60		Pressure required to collect sample			750 psi							Field Personnel:	G. Sharma		
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 (g/L)	Salinity (ppt)	Comments
31-Aug-24	7:15	70	Medium	Start ECU - filling Flow Through Cell			14.80	7.34	0.12	23.80	2.13	-7.3	0.60	64	0.06	Clear
31-Aug-24	7:30	70	Medium	180	2.70	2.70	14.80	8.32	0.159	23.66	1.72	5.3	0.2	82	0.07	Clear
31-Aug-24	7:45	70	Medium	180	2.70	5.40	14.81	8.36	0.162	23.32	1.86	5.8	0.2	81	0.08	Clear
31-Aug-24	8:00	70	Medium	180	2.70	8.10	14.80	8.38	0.162	23.31	2.09	5.1	0.2	81	0.08	Clear
31-Aug-24	8:15	70	Medium	180	2.70	10.80	14.81	8.39	0.162	23.27	1.53	2.9	0.2	79	0.08	Clear
31-Aug-24	8:30	70	Medium	180	2.70	13.50	14.81	8.38	0.162	23.29	2.35	3.0	0.2	80	0.08	Clear
31-Aug-24	8:45	70	Medium	180	2.70	16.20	14.82	8.40	0.152	23.20	2.12	2.1	0.2	77	0.08	Clear
31-Aug-24	9:00	70	Medium	180	2.70	18.90	14.82	8.40	0.161	23.39	1.62	1.3	0.2	80	0.07	Clear
31-Aug-24	9:15	70	Medium	180	2.70	21.60	14.82	8.40	0.16	23.29	1.50	0.4	0.2	80	0.08	Clear
31-Aug-24	9:30	70	Medium	180	2.70	24.30	14.82	8.40	0.152	23.27	1.53	-0.8	0.1	77	0.07	Clear
31-Aug-24	9:45	70	Medium	180	2.70	27.00	14.82	8.41	0.159	23.23	1.35	-1.1	0.2	80	0.07	Clear
31-Aug-24	10:00	70	Medium	180	2.70	29.70	14.82	8.41	0.158	23.29	1.48	-2.1	0.2	79	0.07	Clear
31-Aug-24	10:15	70	Medium	180	2.70	32.40	14.82	8.41	0.157	23.35	1.52	-4.7	0.1	78	0.07	Clear
31-Aug-24	10:30	70	Medium	180	2.70	35.10	14.82	8.39	0.148	23.34	1.85	-5.4	0.2	74	0.07	Clear
31-Aug-24	10:45	70	Medium	180	2.70	37.80	14.82	8.40	0.155	23.35	1.88	-6.7	0.2	77	0.07	Clear
31-Aug-24	11:00	70	Medium	180	2.70	40.50	14.82	8.41	0.154	23.41	2.17	-6.8	0.1	77	0.07	Clear
31-Aug-24	11:15	70	Medium	180	2.70	43.20	14.82	8.41	0.153	23.54	1.73	-7.3	0.1	76	0.07	Clear
31-Aug-24	11:30	70	Medium	180	2.70	45.90	14.82	8.41	0.152	23.47	1.73	-8.5	0.1	76	0.07	Clear
31-Aug-24	11:45	70	Medium	180	2.70	48.60	14.82	8.41	0.152	23.59	1.97	-8.5	0.1	76	0.07	Clear
31-Aug-24	12:00	70	Medium	180	2.70	51.30	14.82	8.41	0.149	23.55	1.66	-8.4	0.2	76	0.07	Clear
31-Aug-24	12:15	70	Medium	180	2.70	54.00	14.82	8.41	0.152	23.51	1.80	-8.4	0.1	76	0.07	Clear
31-Aug-24	12:30	70	Medium	180	2.70	56.70	14.82	8.41	0.153	23.52	1.81	-8.3	0.1	76	0.07	Clear
		Start Sampling 12:45 - MW-IPD-01(s)a, MW-IPD-01(s)b, MW-IPD-01(s)c														
		End Sampling at 14:00														

Location	MW-IPD-07		Nitrogen Tank Pressure (Start)			Tank 1 1000 psi / Tank 2 2200 psi								Date:	2024-08-29		
Screen Depth (m)	42-50		Nitrogen Tank Pressure (End)			Tank 1 900 psi / Tank 2200 psi								Static Water Level:	2.88		
Pump Depth (m)	40		Pressure required to collect sample			100 psi								Field Personnel:	G.Sharma		
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 (g/L)	Salinity (ppt)	Comments	
29-Aug-24	7:15	45	Low	Start ECU - filling Flow Through Cell			2.90	8.34	0.261	20.16	0	-24.0	0.28	132	0.13	Clear, slight sulphur odor	
29-Aug-24	7:30	45	Low	200	3.00	4.00	3.17	8.60	0.262	20.06	0	-17.9	0.2	131	0.12	Clear, slight sulphur odor	
29-Aug-24	7:45	45	Low	200	3.00	7.00	3.37	8.63	0.258	19.96	0	-19.6	0.2	129	0.12	Clear, slight sulphur odor	
29-Aug-24	8:00	45	Low	200	3.00	10.00	3.32	8.62	0.255	20.03	0	-21.4	0.27	127	0.12	Clear, slight sulphur odor	
29-Aug-24	8:15	45	Low	200	3.00	13.00	3.45	8.62	0.252	20.19	0	-23.4	0.2	126	0.12	Clear, slight sulphur odor	
29-Aug-24	8:30	45	Low	200	3.00	16.00	3.46	8.62	0.254	20.12	0	-19.3	0.2	127	0.12	Clear, slight sulphur odor	
29-Aug-24	8:45	45	Low	200	3.00	19.00	3.54	8.62	0.250	20.06	0	-22.6	0.2	125	0.12	Clear, slight sulphur odor	
29-Aug-24	9:00	45	Low	200	3.00	22.00	3.52	8.63	0.251	19.8	0	-23.3	0.2	125	0.12	Clear, slight sulphur odor	
29-Aug-24	9:15	45	Low	200	3.00	25.00	3.57	8.63	0.245	20.06	0	-26.0	0.2	123	0.12	Clear, slight sulphur odor	
29-Aug-24	9:30	45	Low	200	3.00	28.00	3.67	8.61	0.244	19.93	0	-29.1	0.3	123	0.12	Clear, slight sulphur odor	
29-Aug-24	9:45	45	Low	200	3.00	31.00	3.67	8.64	0.248	19.95	0	-32.8	0.3	124	0.12	Clear, slight sulphur odor	
29-Aug-24	10:00	45	Low	200	3.00	34.00	3.68	8.64	0.241	19.97	0	-36.3	0.3	121	0.12	Clear, slight sulphur odor	
29-Aug-24	10:15	45	Low	200	3.00	37.00	3.67	8.64	0.244	19.68	0	-35.6	0.3	123	0.12	Clear, slight sulphur odor	
Start Sampling at 10:15 - MW-IPD-07a, MW-IPD-07b, MW-IPD-07c																	
End Sampling at 12:00																	

Location		MW-IPD-09	Nitrogen Tank Pressure (Start)			Tank 1 - 2500 psi / Tank 2 - 700 psi / Tank 3 - 300 psi								Date:	2024-08-28		
Screen Depth (m)		62-80	Nitrogen Tank Pressure (End)			Tank 1 - 800 psi / Tank 2 - 700 psi / Tank 3 - 300 psi								Static Water Level:	2.87		
Pump Depth (m)		70	Pressure required to collect sample			1700 psi								Field Personnel:	G.Sharma		
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 (g/L)	Salinity (ppt)	Comments	
28-Aug-24	8:10	70	High	Start ECU - filling Flow Through Cell			2.87	8.03	0.219	19.84	0	-30.8	0.43	110	0.10	Clear	
28-Aug-24	8:15	75	High	125	0.625	2.50	2.87	8.08	0.22	19.80	0	-32.2	0.32	110	0.10	Clear	
28-Aug-24	8:30	75	High	125	1.875	4.38	2.87	8.13	0.219	19.58	0	-40.7	0.20	110	0.10	Clear	
28-Aug-24	8:45	75	High	125	1.875	6.25	2.87	8.15	0.218	19.51	0	-50.2	0.2	109	0.10	Clear	
28-Aug-24	9:00	75	High	125	1.875	8.13	2.87	8.15	0.217	19.51	0	-76.7	0.2	108	0.10	Clear	
28-Aug-24	9:15	80	High	135	2.025	10.15	2.87	8.16	0.215	19.43	0	-155.4	0.2	108	0.10	Clear, pressure readjusted due to flow rate dropping. Much more gas was required to get a comparable flow rate this year.	
28-Aug-24	9:30	80	High	135	2.025	12.18	2.87	8.15	0.214	19.54	0	-186.8	0.2	107	0.10	Clear	
28-Aug-24	9:45	80	High	135	2.025	14.20	2.87	8.15	0.214	19.72	0	-192	0.2	107	0.10	Clear	
28-Aug-24	10:00	80	High	135	2.025	16.23	2.87	8.15	0.214	19.69	0	-192.7	0.2	107	0.10	Clear	
28-Aug-24	10:15	80	High	135	2.025	18.25	2.87	8.14	0.213	19.77	0	-192.7	0.2	107	0.10	Clear	
28-Aug-24	10:30	80	High	135	2.025	20.28	2.87	8.15	0.212	19.79	0	-193.3	0.2	106	0.10	Clear	
28-Aug-24	10:45	80	High	135	2.025	22.30	2.87	8.16	0.214	19.70	0	-192.4	0.2	107	0.10	Clear	
28-Aug-24	11:00	80	High	135	2.025	24.33	2.87	8.13	0.217	19.67	0	-196	0.2	108	0.10	Clear	
28-Aug-24	11:15	80	High	135	2.025	26.35	2.87	8.12	0.22	19.67	0	-197.5	0.2	110	0.10	Clear	
28-Aug-24	11:30	80	High	135	2.025	28.38	2.87	8.12	0.217	19.71	0	-197.3	0.2	109	0.10	Clear	
		Start sampling at 12:00; MW-IPD-09a, MW-IPD-09b, MW-IPD-09c															
		End Sampling at 13:30															

Location	MW-16-01		Nitrogen Tank Pressure (Start)			Tank 1 - 2400 psi / Tank 2 - 200 psi								Date:	2024-08-27	
Screen Depth (mah)	89-101		Nitrogen Tank Pressure (End)			Tank 1 - 0 psi / Tank 2 - 0 psi								Static Water Level:	5.72	
Pump Depth (mah)	-90		Pressure required to collect sample			2600 psi								Field Personnel:	G. Sharma	
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 (g/L)	Salinity (ppt)	Comments
27-Aug-24	7:30	90	High	Start ECU - filling Flow Through Cell			5.71	7.79	3.043	13.28	0.82	-4.2	1.56	1527	1.57	Clear, sulphur/egg odour, yellow tint
27-Aug-24	7:45	90	High	125	1.875	3.4	5.72	7.80	3.042	12.91	0.74	-6.1	0.6	1569	1.66	Clear, sulphur/egg odour, yellow tint
27-Aug-24	8:00	90	High	150	2.250	5.63	5.72	7.80	3.257	12.95	0.77	-8.9	0.7	1616	1.71	Clear, sulphur/egg odour, yellow tint
27-Aug-24	8:15	90	High	150	2.250	7.88	5.72	7.81	3.285	12.7	0.88	-11.9	0.9	1639.00	1.7	Clear, sulphur/egg odour, yellow tint
27-Aug-24	8:30	95	High	165	2.475	10.35	5.72	7.81	3.214	12.59	0.63	-15.7	0.9	1606	1.7	Clear, sulphur/egg odour, yellow tint
27-Aug-24	8:45	95	High	165	2.475	12.83	5.72	7.81	3.304	12.71	0.63	-18.4	0.7	1649	1.75	Clear, sulphur/egg odour, yellow tint
27-Aug-24	9:00	95	High	165	2.475	15.30	5.72	7.80	3.28	12.83	0.89	-19.7	0.9	1627	1.7	Clear, sulphur/egg odour, yellow tint
27-Aug-24	9:15	95	High	165	2.475	17.78	5.72	7.80	3.29	12.75	0.93	-17	0.8	1656	1.74	Clear, sulphur/egg odour, yellow tint
27-Aug-24	9:30	95	High	165	2.475	20.25	5.72	7.80	3.311	13.03	1.00	-16	0.8	1628	1.75	Clear, sulphur/egg odour, yellow tint
27-Aug-24	9:45	95	High	165	2.475	22.73	5.72	7.80	3.354	13.09	0.65	-18.9	0.9	1676	1.76	Clear, sulphur/egg odour, yellow tint
27-Aug-24	10:00	95	High	165	2.475	25.20	5.72	7.80	3.337	13.17	1.04	-26.2	1.5	1658	1.76	Clear, sulphur/egg odour, yellow tint
27-Aug-24	10:15	95	High	165	2.475	27.68	5.72	7.79	3.33	13.38	1.18	-32.7	1.3	1687	1.78	Clear, sulphur/egg odour, yellow tint
27-Aug-24	10:30	95	High	165	2.475	30.15	5.72	7.80	3.346	13.35	1.12	-40	1.9	1670	1.77	Clear, sulphur/egg odour, yellow tint
27-Aug-24	10:45	95	High	165	2.475	32.63	5.72	7.79	3.366	13.67	1.15	-49.5	1.57	1692	1.79	Clear, sulphur/egg odour, yellow tint
27-Aug-24	11:00	95	High	165	2.475	35.10	5.72	7.79	3.353	13.67	1.33	-67.5	1.45	1652	1.78	Clear, sulphur/egg odour, yellow tint
27-Aug-24	11:15	95	High	165	2.475	37.58	5.72	7.79	3.411	13.43	0.99	-98	1.16	1695	1.8	Clear, sulphur/egg odour, yellow tint
27-Aug-24	11:30	95	High	165	2.475	40.05	5.72	7.79	3.39	13.47	1.16	-152.9	1.38	1693	1.78	Clear, sulphur/egg odour, yellow tint
27-Aug-24	11:45	95	High	165	2.475	42.53	5.72	7.79	3.416	13.41	1.18	-161.6	1.3	1698	1.76	Clear, sulphur/egg odour, yellow tint
27-Aug-24	12:00	95	High	165	2.475	45.00	5.72	7.78	3.391	13.6	1.24	-163.6	1.2	1694	1.79	Clear, sulphur/egg odour, yellow tint
27-Aug-24	12:15	95	High	165	2.475	47.48	5.72	7.79	3.351	13.29	0.91	-164.7	1.3	1708	1.81	Clear, sulphur/egg odour, yellow tint
27-Aug-24	12:30	95	High	165	2.475	49.95	5.72	7.79	3.359	13.26	0.77	-165.5	0.95	1704	1.8	Clear, sulphur/egg odour, yellow tint
27-Aug-24	12:45	95	High	165	2.475	52.43	5.72	7.79	3.43	13.21	0.89	-165	0.9	1715	1.81	Clear, sulphur/egg odour, yellow tint
27-Aug-24	13:00	95	High	165	2.475	54.90	5.72	7.79	3.409	13.13	0.59	-165.5	0.9	1718	1.82	Clear, sulphur/egg odour, yellow tint
27-Aug-24	13:15	95	High	165	2.475	57.38	5.72	7.79	3.435	13.05	0.62	-165.8	1.2	1715	1.82	Clear, sulphur/egg odour, yellow tint
27-Aug-24	13:30	95	High	165	2.475	59.85	5.72	7.79	3.436	13.07	0.63	-165	1.2	1716	1.82	Clear, sulphur/egg odour, yellow tint
		Start sampling at 13:35; MW-16-01a, MW-16-01b,MW-16-01c														
		End sampling at 15:20														

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-IV
Analytical Requirements
Agnico Eagle Mines Limited
Meadowbank Mine, Nunavut

CA0037376.3015-MBK2024_027-R-Rev0

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, TKN, TOC, 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, silver, sodium, strontium, thallium, tin, titanium, 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

Notes:

a) Total constituent, unfiltered

b) Dissolved constituents, field filtered to 0.45 microns

- Hardness calculated from sum of calcium and magnesium

- Silver was added at the request of Agnico Eagle Mines.

APPENDIX B

**2024 Groundwater Quality and
Quality Assurance/Quality Control
Analysis Results**

APPENDIX B
Table B-1: 2024 Groundwater Monitoring Program Water Quality Results
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

CA0037376.3015-MBK2024_027-R-Rev0

Monitoring Location		THIRD PORTAGE LAKE	CCME Guidelines	MMER Max. Monthly Mean	DISCHARGE CRITERIA		South Cell/Central Dike				East Flat				Goose Pit				Portage Pit-E							
Sample ID	Sample Type				Water Licence, Max. Avg Conc. Discharge to Third Portage Lake	Water Licence, Max. Avg Conc. Discharge to Third Portage Lake	MW-16-01A	MW-16-01B	MW-16-01a	MW-16-01b	MW-IPD-01(D)A	MW-IPD-01(D)B	MW-IPD-01(d)A	MW-IPD-01(d)B	MW-IPD-01(S)A	MW-IPD-01(S)B	MW-IPD-01(s)A	MW-IPD-01(s)B	MW-IPD-07A	MW-IPD-07B	MW-IPD-07A	MW-IPD-07B	MW-IPD-09a	MW-IPD-09b	MW-IPD-09A	MW-IPD-09B
		Average- East Basin Summer 2015	Long Term, Based on 3PL quality	Schedule 4	Part F of Licence	Part F of Licence	07-Jul-2024	07-Jul-2024	27-Aug-2024	27-Aug-2024	09-Jul-2024	09-Jul-2024	30-Aug-2024	30-Aug-2024	10-Jul-2024	10-Jul-2024	31-Aug-2024	31-Aug-2024	08-Jul-2024	08-Jul-2024	29-Aug-2024	29-Aug-2024	05-Jul-2024	05-Jul-2024	28-Aug-2024	28-Aug-2024
Field Parameters								Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate
Temperature	°C	--	--	--	--	--	14.2	--	13.07	--	11.99	--	22.72	--	23.28	--	22.88	--	20.65	--	19.68	--	18.81	--	19.71	--
pH	--	--	--	--	--	--	7.68	--	7.79	--	8.71	--	8.23	--	8.42	--	8.89	--	7.38	--	7.38	--	7.38	--	8.12	--
Conductivity	µS/cm	--	--	--	--	--	1642	--	3436	--	335	--	305	--	120	--	278	--	244	--	156	--	217	--	167	--
Oxidation-Reduction Potential	millivolts	--	--	--	--	--	82.4	--	-165	--	80.2	--	-172.3	--	-96	--	-214.2	--	-35.6	--	-96.7	--	-197.3	--	10.9	--
Turbidity	NTU	--	--	--	--	--	0	--	1.2	--	4.3	--	0.25	--	0	--	0.31	--	0.3	--	2.7	--	0.2	--	0.2	--
PSU	--	--	--	--	--	--	0.83	--	1.82	--	0.16	--	0.15	--	0.06	--	0.06	--	0.13	--	0.12	--	0.1	--	0.1	--
Total Dissolved Solids	mg/L	--	--	--	--	--	821	--	1716	--	167	--	153	--	77	--	64	--	139	--	123	--	77	--	102	--
Dissolved Oxygen (Field)	mg/L	--	--	--	--	--	0.08	--	0.63	--	0.47	--	0	--	0.2	--	0.17	--	0	--	0	--	0	--	0	--
General Chemistry																										
Alkalinity (Total as CaCO3)	mg/L	9.1	--	--	--	--	150	150	130	130	110	110	95	98	56	56	55	55	100	100	100	100	78	82	75	76
Alkalinity, Bicarbonate (HCO3) as CaCO3	mg/L	--	--	--	--	--	150	150	130	130	100	100	94	96	55	56	54	55	100	100	100	100	77	81	75	75
Alkalinity, Carbonate as CaCO3	mg/L	--	--	--	--	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Conductivity	µS/cm	--	--	--	--	--	2900	2900	3500	3500	340	340	350	350	150	150	180	180	280	280	280	280	250	260	260	
Dissolved Organic Carbon	mg/L	--	--	--	--	--	22	23	28	27	1.2	1.2	1.2	1.2	0.88	0.9	0.83	0.85	1.1	1.1	0.99	0.98	1.2	0.9	0.9	
Hardness, Calcium Carbonate, dissolved	mg/L	12.05	--	--	--	--	810	821	1130	1170	108	110	109	110	55.6	54.4	73.5	74.6	81	78.9	80.3	69.8	76.6	69.4	69.4	
Reactive Silica	mg/L	--	--	--	--	--	8.5	8.6	9.9	9.8	7.2	7.4	7	7	5.8	5.6	5.7	6	7.9	7.4	7.7	7.8	9.9	9.3	9.6	
Sodium Adsorption Ratio (salinity in water)	--	--	--	--	--	--	4.4	4.4	4.6	4.6	0.98	0.97	0.94	0.94	0.23	0.23	0.21	0.2	1.3	1.3	1.2	1.1	1.1	1.1	1.1	
Total Dissolved Solids (measured)	mg/L	22	--	--	--	--	2130	2140	2730	2670	200	190	175	175	60	65	105	85	170	175	165	165	250	155	185	
Total Organic Carbon	mg/L	--	--	--	--	--	23	25	29	29	1.3	1.2	1.3	1.2	1.4	1.4	0.86	0.82	1.1	1.1	1.1	1.1	1.1	0.92	0.95	
Total Suspended Solids	mg/L	< 1	(1)	15	15	15	12	13	14	14	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Turbidity	NTU	--	--	--	--	--	79	74	75	79	4	4	0.3	0.2	< 0.1	< 0.1	< 0.1	< 0.1	0.4	0.3	0.4	0.3	1.5	1.1	1.1	
Anions																										
Bromide	mg/L	--	--	--	--	--	1.9	1.9	2.43	2.44	0.6	0.59	0.548	0.562	0.042	0.028	0.049	0.05	0.11	0.095	0.111	0.111	0.034	0.025	0.032	
Chloride	mg/L	0.793	120	--	1000	500	220	220	270	280	41	40	43	43	2.9	2.9	3.3	3.2	7.5	7.7	8.4	8.4	1.3	1.3	1.2	
Fluoride	mg/L	0.0793	0.12	--	--	--	0.34	0.36	0.4	0.4	0.56	0.57	0.55	0.55	0.38	0.38	0.34	0.35	1.1	1.1	1.1	1.1	1.1	1	1	
Sulfate	mg/L	5.1	--	--	--	--	1100	1100	1500	1500	3.9	4	6.6	6.6	10	10	28	27	26	26	27	26	42	41	46	
Total Metals																										
Aluminum	mg/L	0.007475	0.1 (2)	--	--	1.5	0.0171	0.0049	0.092	0.0263	0.423	0.446	0.0555	0.0107	0.00421	0.232	0.0564	0.00469	0.00332	0.00606	0.0131	0.0216	0.0083	0.0114	0.00568	0.0065
Antimony	mg/L	--	--	--	--	--	< 0.000040	< 0.000040	< 0.000040	< 0.000040	0.000021	< 0.000020	< 0.000020	< 0.000020	0.000158	0.000106	0.000267	0.000275	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	< 0.000020	
Arsenic	mg/L	0.00051	0.005	0.5	0.3	0.1	0.198	0.213	0.0523	0.0527	0.0407	0.0404	0.0337	0.0336	0.0416	0.0383	0.0436	0.0451	0.00643	0.00656	0.00665	0.00682	0.0177	0.0175	0.0167	0.015
Barium	mg/L	0.0036575	--	--	--	--	0.0192	0.0198	0.0236	0.0233	0.0207	0.0205	0.0206	0.0214	0.00339	0.00494	0.00428	0.00435	0.0103	0.0102	0.00156	0.00175	0.00322	0.00322	0.00268	
Beryllium	mg/L	--	--	--	--	--	< 0.000020	< 0.000020	< 0.000020	< 0.000020	0.000024	0.000037	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 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	< 0.000010	< 0.000010	< 0.000050	0.000053	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Boron	mg/L	--	--	--	--	--	0.08	0.085	0.089	0.1	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Cadmium	mg/L	0.000003	0.00004 (3)	--	0.002	0.002	< 0.000010	< 0.000010	0.000011	< 0.000010	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Calcium	mg/L	--	--	--	--	--	201	201	284	295	21.4	22	22.1	22	14	14.5	17.9	17.7	17.6	17	17.5	15.2	15.2	17.6	16.7	16.7
Chromium	mg/L	0.00011	0.001 (4)	--	--	--	0.00025	< 0.000020	0.00072	0.0006	0.00032	0.00021	< 0.00010	0.00014	< 0.00010	0.00026	< 0.00010	< 0.00010	< 0.00010	< 0.00010	0.00011	0.00035	0.00066	0.00066	0.00027	
Copper</																										

Table B-2: 2024 Groundwater Monitoring Program QA/QC Results

Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

BV Lab ID	UNITS	MDL	5 x MDL	ZRU275	ZRU276	RPD	MDL	5 x MDL	ABPH77	ABPH78	RPD	MDL	5 x MDL	ZSF742	ZSF743	RPD	MDL	5 x MDL	ABYR34	ABYR35	RPD	MDL	5 x MDL	ZST570	ZST571	RPD	
Sampling Date				06-Jul-2024	06-Jul-2024				27-Aug-2024	27-Aug-2024				09-Jul-2024	09-Jul-2024				30-Aug-2024	30-Aug-2024				10-Jul-2024	10-Jul-2024		
WSP ID				MW-IPD-01A (MW-16-01A)	MW-IPD-01B (MW-16-01B)				MW-16-01A	MW-16-01B				MW-IPD-01(D)A	MW-IPD-01(D)B				MW-IPD-01(D)A	MW-IPD-01(D)B				MW-IPD-01(S)A	MW-IPD-01(S)B		
Calculated Parameters																											
Total Ammonia (as NH3)	mg/l	0.061	0.305	11	11	0%	0.061	0.305	9	9	0%	0.061	0.305	0.064	<0.061	--	0.061	0.305	<0.061	<0.061	--	0.061	0.305	0.079	0.071	+/-MDL	
Ammonium (NH4)	mg/l	0.00074	0.0037	11	11	0%	0.00092	0.0046	9.4	9.4	0%	0.0052	0.026	0.062	<0.0052	--	0.0046	0.023	<0.0046	<0.0046	--	0.0088	0.044	0.072	0.065	10%	
Bicarb. Alkalinity (calc. as CaCO3)	mg/l	1	5	150	150	0%	1	5	130	130	0%	1	5	100	100	0%	1	5	94	96	2%	1	5	55	56	2%	
Calculated TDS	uS/cm	1	5	2100	2100	0%	1	5	2600	2700	4%	1	5	180	180	0%	1	5	180	180	0%	1	5	80	79	1%	
Carb. Alkalinity (calc. as CaCO3)	mg/l	1	5	< 1.0	< 1.0	--	1	5	< 1.0	< 1.0	--	1	5	1.3	1.3	+/-MDL	1	5	1.1	1.2	+/-MDL	1	5	<1.0	<1.0	--	
Total Hardness (CaCO3)	mg/l	0.5	2.5	810	821	1%	0.5	2.5	1130	1170	3%	0.5	2.5	108	110	2%	0.5	2.5	109	110	1%	0.5	2.5	55.6	54.4	2%	
Inorganics																											
Total Ammonia-N	mg/L	0.05	0.25	8.7	8.8	1%	0.05	0.25	7.4	7.4	0%	0.05	0.25	0.053	<0.050	--	0.05	0.25	<0.050	<0.050	--	0.05	0.25	0.065	0.059	+/-MDL	
Dissolved Bromide (Br-)	mg/L	0.1	0.5	1.9	1.9	0%	0.1	0.5	2.43	2.44	0%	0.01	0.05	0.6	0.59	2%	0.01	0.05	0.548	0.562	3%	0.01	0.05	0.042	0.028	>MDL	
Conductivity	umho/cm	1	5	2900	2900	0%	1	5	3500	3500	0%	1	5	340	340	0%	1	5	350	350	0%	1	5	150	150	0%	
Free Cyanide (CN)	ug/L	2	10	22	25	13%	2	10	23	23	0%	2	10	<2.0	<2.0	--	2	10	<2.0	<2.0	--	2	10	2.9	2.6	+/-MDL	
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.0005	0.0025	0.0263	0.026	1%	0.0005	0.0025	0.0461	0.0447	3%	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	0.00072	--	
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0005	0.0025	0.018	0.018	0%	0.0005	0.0025	0.032	0.032	2%	0.0005	0.0025	<0.00050	0.00084	--	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	0.00054	<0.00050	--	
Total Dissolved Solids	mg/L	10	50	2130	2140	0%	10	50	2730	2670	2%	10	50	200	190	5%	10	50	175	175	0%	10	50	60	65	8%	
Fluoride (F-)	mg/L	0.1	0.5	0.34	0.36	+/-MDL	0.1	0.5	0.4	0.4	+/-MDL	0.1	0.5	0.56	0.57	2%	0.1	0.5	0.55	0.55	0%	0.1	0.5	0.38	0.38	+/-MDL	
Total Kjeldahl Nitrogen (TKN)	mg/L	5	25	39	37	5%	5	25	37	36	3%	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	0.14	--	0.1	0.5	0.11	0.11	+/-MDL	
Dissolved Organic Carbon	mg/L	0.4	2	22	23	4%	0.4	2	28	27	4%	0.4	2	1.2	1.2	+/-MDL	0.4	2	1.2	1.2	+/-MDL	0.4	2	0.88	0.9	+/-MDL	
Total Organic Carbon (TOC)	mg/L	0.4	2	23	25	8%	0.4	2	29	29	0%	0.4	2	1.3	1.2	+/-MDL	0.4	2	1.3	1.2	+/-MDL	0.4	2	1.4	1.4	+/-MDL	
Orthophosphate (P)	mg/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	0.014	0.013	+/-MDL	
pH	pH	-	-	7.78	7.84	--	-	-	7.74	7.76	--	-	-	8.12	8.11	--	-	-	8.11	8.13	--	-	-	7.87	8.01	--	
Total Phosphorus (P)	mg/L	0.001	0.005	0.058	0.061	5%	0.001	0.005	0.015	0.014	7%	0.001	0.005	0.0031	0.0019	>MDL	0.001	0.005	0.0021	0.0021	+/-MDL	0.001	0.005	0.016	0.014	13%	
Reactive Silica (SiO2)	mg/L	0.05	0.25	8.5	8.6	1%	0.05	0.25	9.9	9.8	1%	0.05	0.25	7.2	7.4	3%	0.05	0.25	7	6.9	1%	0.05	0.25	5.8	5.6	4%	
Total Suspended Solids	mg/L	2	10	12	13	8%	2	10	14	13	7%	1	5	8	9	12%	1	5	<1	<1	--	1	5	<1	<1	--	
Turbidity	NTU	0.1	0.5	79	74	7%	0.1	0.5	75	79	5%	0.1	0.5	3	4	26%	0.1	0.5	0.3	0.2	+/-MDL	0.1	0.5	<0.1	<0.1	--	
Alkalinity (Total as CaCO3)	mg/L	1	5	150	150	0%	1	5	130	130	0%	1	5	110	110	0%	1	5	95	98	3%	1	5	56	56	0%	
Dissolved Chloride (Cl-)	mg/L	2	10	220	220	0%	5	25	270	280	4%	1	5	41	40	2%	1	5	43	43	0%	1	5	2.9	2.9	+/-MDL	
Nitrite (N)	mg/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	
Nitrate (N)	mg/L	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	
Dissolved Sulphate (SO4)	mg/L	13	65	1100	1100	0%	13	65	1500	1500	0%	0.5	2.5	3.9	4	3%	0.5	2.5	4	6.6	49%	0.5	2.5	10	10	0%	
Nitrate + Nitrite (N)	mg/L	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	
Un-ionized Ammonia (as N)	mg/L	0.00043	0.00215	0.11	0.11	0%	0.00075	0.00375	0.11	0.11	0%	0.0043	0.0215	0.0045	<0.0043	--	0.0038	0.019	<0.0038	<0.0038	--	0.0072	0.036	0.0094	0.0084	+/-MDL	
Dissolved Metals																											
Aluminum (Al)	ug/L	1	5	8.9	18.3	69%	1	5	41.3	54.2	27%	0.5	2.5	44.6	21	72%	0.5	2.5	2.6	4.13	45%	0.5	2.5	15.3	21.8	35%	
Antimony (Sb)	ug/L	0.04	0.2	<0.040	<0.040	--	0.04	0.2	0.105	0.053	>MDL	0.02	0.1	<0.020	<0.020	--	0.02	0.1	<0.020	<0.020	--	0.02	0.1	0.122	0.105	15%	
Arsenic (As)	ug/L	0.04	0.2	191	190	1%	0.04	0.2	51.2	51.9	1%	0.02	0.1	35.4	36.2	2%	0.02	0.1	33.4	33.8	1%	0.02	0.1	40.8	42.1	3%	
Barium (Ba)	ug/L	0.04	0.2	18.3	18.6	2%	0.04	0.2	24.2	23.8	2%	0.02	0.1	19.6	19.5	1%	0.02	0.1	19.2	19.6	2%	0.02	0.1	3.77	3.77	0%	
Beryllium (Be)	ug/L	0.02	0.1	<0.020	<0.020	--	0.02	0.1	<0.02	<0.02	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	
Bismuth (Bi)	ug/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.01	<0.01	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	
Boron (B)	ug/L	20	100	90	93	+/-MDL	20	100	98	101	+/-MDL	10	50	155	163	5%	10	50	184	177	4%	10	50	25	23	+/-MDL	
Cadmium (Cd)	ug/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.01	<0.01	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	0.0085	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	
Calcium (Ca)	mg/L	0.1	0.5	222	223	0%	0.05	0.25	296	291	2%	0.05	0.25	21.1	21.2	0%	0.05	0.25	21.6	21.8	1%	0.05	0.25	13.1	13.9	6%	
Chromium (Cr)	ug/L	0.2	1	<0.20	0.29	--	0.2	1	0.38	0.28	+/-MDL	0.1	0.5	0.44	0.3	>MD											

APPENDIX B
Table B-2: 2024 Groundwater Monitoring Program QA/QC Results
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

BV Lab ID Sampling Date WSP ID	MDL	5 x MDL	ABYR37	ABYR38	RPD	MDL	5 x MDL	ZRZ222	ZRZ223	RPD	MDL	5 x MDL	ABYR33	ABYR34	RPD	MDL	5 x MDL	ZRU261	ZRU262	RPD	MDL	5 x MDL	ABTF71	ABTF2	RPD
			31-Aug-2024	31-Aug-2024				08-Jul-2024	08-Jul-2024				29-Aug-2024	29-Aug-2024				05-Jul-2024	05-Jul-2024				28-Aug-2024	28-Aug-2024	
			MW-IPD-01(S)A	MW-IPD-01(S)B				MW-IPD-07A	MW-IPD-07B				MW-IPD-07A	MW-IPD-07B				MW-IPD-09a	MW-IPD-09b				MW-IPD-09a	MW-IPD-09b	
Calculated Parameters																									
Total Ammonia (as NH3)	0.061	0.305	0.11	0.091	+/-MDL	0.061	0.305	0.089	0.092	+/-MDL	0.061	0.305	0.13	0.13	+/-MDL	0.061	0.305	0.072	0.068	+/-MDL	0.061	0.305	0.11	0.085	+/-MDL
Ammonium (NH4)	0.0071	0.0355	0.099	0.086	14%	0.015	0.075	0.071	0.074	+/-MDL	0.0061	0.0305	0.12	0.13	8%	0.00053	0.00265	0.075	0.071	5%	0.0029	0.0145	0.11	0.086	24%
Bicarb. Alkalinity (calc. as CaCO3)	1	5	54	55	2%	1	5	100	100	0%	1	5	100	99	1%	1	5	77	81	5%	1	5	75	75	0%
Calculated TDS	1	5	110	100	10%	1	5	160	160	0%	1	5	160	170	6%	1	5	150	150	0%	1	5	160	160	0%
Carb. Alkalinity (calc. as CaCO3)	1	5	<1.0	<1.0	--	1	5	1.3	1.8	+/-MDL	1	5	1.9	1.6	+/-MDL	1	5	<1.0	<1.0	--	1	5	1	1	+/-MDL
Total Hardness (CaCO3)	0.5	2.5	58.8	59.6	1%	0.5	2.5	81	78.9	3%	0.5	2.5	80.3	80.6	0%	0.5	2.5	250	250	0%	0.5	2.5	260	260	0%
Inorganics																									
Total Ammonia-N	0.05	0.25	0.087	0.075	+/-MDL	0.05	0.25	0.073	0.076	+/-MDL	0.05	0.25	0.11	0.11	+/-MDL	0.05	0.25	0.059	0.056	+/-MDL	0.05	0.25	0.087	0.07	+/-MDL
Dissolved Bromide (Br-)	0.01	0.05	0.049	0.05	+/-MDL	0.01	0.05	0.11	0.095	15%	0.01	0.05	0.111	0.111	0%	0.01	0.05	0.034	0.025	+/-MDL	0.1	0.5	0.032	0.032	+/-MDL
Conductivity	1	5	180	180	0%	1	5	280	280	0%	1	5	280	280	0%	1	5	250	250	0%	1	5	260	260	0%
Free Cyanide (CN)	2	10	<2.0	<2.0	--	2	10	<2.0	<2.0	--	2	10	<2.0	<2.0	--	2	10	<2.0	<2.0	--	2	10	<2.0	<2.0	--
Strong Acid Dissoc. Cyanide (CN)	0.005	0.025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	<0.00050	--
Weak Acid Dissoc. Cyanide (CN)	0.005	0.025	<0.00050	<0.00050	--	0.0005	0.0025	0.0006	0.00054	+/-MDL	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	<0.00050	<0.00050	--
Total Dissolved Solids	10	50	105	85	21%	10	50	170	175	3%	10	50	165	165	0%	10	50	220	250	13%	10	50	155	185	18%
Fluoride (F-)	0.1	0.5	0.34	0.35	+/-MDL	0.1	0.5	1.1	1.1	0%	0.1	0.5	1.1	1.1	0%	0.1	0.5	1.1	1.1	0%	0.01	0.05	1	1	0%
Total Kjeldahl Nitrogen (TKN)	0.1	0.5	0.15	0.13	+/-MDL	0.1	0.5	0.21	0.19	+/-MDL	0.1	0.5	0.19	0.2	+/-MDL	0.1	0.5	0.15	0.19	+/-MDL	0.01	0.05	<0.10	<0.10	--
Dissolved Organic Carbon	0.4	2	0.83	0.85	+/-MDL	0.4	2	1.1	1.1	+/-MDL	0.4	2	0.99	0.99	+/-MDL	0.4	2	0.98	1.1	+/-MDL	0.4	2	0.89	0.9	+/-MDL
Total Organic Carbon (TOC)	0.4	2	0.86	0.82	+/-MDL	0.4	2	1.1	1.1	+/-MDL	0.4	2	1.1	1.1	+/-MDL	0.4	2	1.1	1.1	+/-MDL	0.4	2	0.92	0.95	+/-MDL
Orthophosphate (P)	0.01	0.05	0.02	0.02	+/-MDL	0.01	0.05	0.025	0.023	+/-MDL	0.01	0.05	0.027	0.029	+/-MDL	0.01	0.05	0.014	0.013	+/-MDL	0.01	0.05	0.016	0.016	+/-MDL
pH	-	-	7.97	7.97	-	-	-	8.14	8.27	-	-	-	8.31	8.22	-	-	-	7.79	7.85	-	-	-	8.02	8	-
Total Phosphorus (P)	0.001	0.005	0.016	0.015	6%	0.001	0.005	0.027	0.027	0%	0.001	0.005	0.028	0.029	4%	0.001	0.005	0.011	0.014	24%	0.001	0.005	0.015	0.018	18%
Reactive Silica (SiO2)	0.05	0.25	5.7	6	5%	0.05	0.25	7.9	7.4	7%	0.05	0.25	7.7	7.8	1%	0.1	0.5	9.9	9.9	0%	0.05	0.25	9.3	9.6	3%
Total Suspended Solids	1	5	<1	<1	--	1	5	<1	<1	--	1	5	<1	<1	--	1	5	<1	<1	--	1	5	<1	<1	--
Turbidity	0.1	0.5	<0.1	<0.1	--	0.1	0.5	0.4	0.3	+/-MDL	0.1	0.5	0.4	0.3	+/-MDL	0.1	0.5	1.5	1.5	0%	0.1	0.5	1.1	1.1	0%
Alkalinity (Total as CaCO3)	1	5	55	55	0%	1	5	100	100	0%	1	5	100	100	0%	1	5	78	82	5%	1	5	75	76	1%
Dissolved Chloride (Cl-)	1	5	3.3	3.2	+/-MDL	1	5	7.5	7.7	3%	1	5	8.4	8.4	0%	1	5	1.3	1.1	+/-MDL	1	5	1.3	1.2	+/-MDL
Nitrite (N)	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--
Nitrate (N)	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--
Dissolved Sulphate (SO4)	0.5	2.5	28	27	4%	0.5	2.5	26	26	0%	0.5	2.5	27	26	4%	0.5	2.5	42	41	2%	0.5	2.5	46	47	2%
Nitrate + Nitrite (N)	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--
Un-ionized Ammonia (as N)	0.0058	0.029	0.01	0.0087	+/-MDL	0.012	0.06	0.018	0.018	+/-MDL	0.005	0.025	0.011	0.011	+/-MDL	0.00043	0.00215	0.00051	0.00048	+/-MDL	0.0023	0.0115	0.0041	0.0033	+/-MDL
Dissolved Metals																									
Aluminum (Al)	0.5	2.5	35.2	3.11	168%	0.5	2.5	3.39	44.8	172%	0.5	2.5	80.1	13.1	144%	0.5	2.5	16.1	12.6	24%	0.5	2.5	12.6	4.72	91%
Antimony (Sb)	0.02	0.1	0.02	0.263	>MDL	0.02	0.1	<0.020	<0.020	--	0.02	0.1	0.02	0.035	+/-MDL	0.02	0.1	<0.020	<0.020	--	0.02	0.1	0.02	<0.020	--
Arsenic (As)	0.02	0.1	43.4	43.2	0%	0.02	0.1	6.56	6.5	1%	0.02	0.1	6.47	6.62	2%	0.02	0.1	17.5	17.5	0%	0.02	0.1	17.5	16.4	6%
Barium (Ba)	0.02	0.1	4.85	5.76	17%	0.02	0.1	10.3	10.5	2%	0.02	0.1	13	11.6	11%	0.02	0.1	1.49	1.73	15%	0.02	0.1	1.73	1.49	15%
Beryllium (Be)	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--	0.01	0.05	0.01	<0.010	--
Bismuth (Bi)	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Boron (B)	10	50	36	32	+/-MDL	10	50	238	245	3%	10	50	285	291	2%	10	50	129	130	1%	10	50	130	100	26%
Cadmium (Cd)	0.005	0.025	0.0082	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	0.0055	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Calcium (Ca)	0.05	0.25	17.8	18	1%	0.05	0.25	15.5	15.7	1%	0.05	0.25	20	16.4	12%	0.05	0.25	16.6	16.4	1%	0.05	0.25	16.4	16.8	2%
Chromium (Cr)	0.1	0.5	0.54	<0.010	--	0.1	0.5	<0.10	0.63	--	0.1	0.5	0.88	0.25	>MDL	0.1	0.5	0.3	0.26	+/-MDL	0.1	0.5	<0.10	<0.10	--
Copper (Cu)	0.05	0.25	0.531	0.099	>MDL	0.05	0.25	<0.050	0.429	--	0.05	0.25	0.911	0.14	>MDL	0.05	0								

APPENDIX B
Table B-2: 2024 Groundwater Monitoring Program QA/QC Results
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

BV Lab ID	BV Lab ID	UNITS	MDL	5 x MDL	ZRU263	ZRU270	RPD	MDL	5 x MDL	ABYR40	ABYR39	RPD
Sampling Date	Sampling Date				05-Jul-2024	05-Jul-2024				29-Aug-2024	29-Aug-2024	
WSP ID	WSP ID				FB-01	TB-01				FB-02	TB-02	
Calculated Parameters	Calculated Parameters											
Total Ammonia (as NH3)	Total Ammonia (as NH3)	mg/l	0.061	0.305	<0.061	<0.061	--	0.061	0.305	< 0.061	< 0.061	--
Ammonium (NH4)	Ammonium (NH4)	mg/l	-	-	-	-	--	-	-	-	-	--
Bicarb. Alkalinity (calc. as CaCO3)	Bicarb. Alkalinity (calc. as CaCO3)	mg/l	1	5	2.9	4.4	>MDL	1	5	< 1.0	< 1.0	--
Calculated TDS	Calculated TDS	uS/cm	1	5	2.0	3.0	+/-MDL	1	5	< 1.0	< 1.0	+/-MDL
Carb. Alkalinity (calc. as CaCO3)	Carb. Alkalinity (calc. as CaCO3)	mg/l	1	5	<1.0	<1.0	--	1	5	<1.0	< 1.0	--
Total Hardness (CaCO3)	Total Hardness (CaCO3)	mg/l	0.5	2.5	0.66	<0.50	--	0.5	2.5	< 0.50	< 0.50	--
Inorganics	Inorganics											
Total Ammonia-N	Total Ammonia-N	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	< 0.050	< 0.050	--
Dissolved Bromide (Br-)	Dissolved Bromide (Br-)	mg/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	< 0.010	< 0.010	--
Conductivity	Conductivity	umho/cm	1	5	<1.0	1.2	--	1	5	1.2	1.2	+/-MDL
Free Cyanide (CN)	Free Cyanide (CN)	ug/L	2	10	<2.0	<2.0	--	2	10	<2.0	<2.0	--
Strong Acid Dissoc. Cyanide (CN)	Strong Acid Dissoc. Cyanide (CN)	mg/L	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	< 0.00050	< 0.00050	--
Weak Acid Dissoc. Cyanide (CN)	Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0005	0.0025	<0.00050	<0.00050	--	0.0005	0.0025	< 0.00050	< 0.00050	--
Total Dissolved Solids	Total Dissolved Solids	mg/L	10	50	<10	<10	--	10	50	< 10	< 10	--
Fluoride (F-)	Fluoride (F-)	mg/L	0.1	0.5	<0.10	<0.10	--	0.1	0.5	< 0.10	< 0.10	--
Total Kjeldahl Nitrogen (TKN)	Total Kjeldahl Nitrogen (TKN)	mg/L	0.1	0.5	<0.10	<0.10	--	0.1	0.5	< 0.10	< 0.10	--
Dissolved Organic Carbon	Dissolved Organic Carbon	mg/L	0.4	2	<0.40	<0.40	--	0.4	2	< 0.40	< 0.40	--
Total Organic Carbon (TOC)	Total Organic Carbon (TOC)	mg/L	0.4	2	<0.40	<0.40	--	0.4	2	< 0.40	< 0.40	--
Orthophosphate (P)	Orthophosphate (P)	mg/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	< 0.010	< 0.010	--
pH	pH	pH	-	-	6.44	6.62	-	-	-	6	6.05	-
Total Phosphorus (P)	Total Phosphorus (P)	mg/L	0.001	0.005	<0.0010	<0.0010	--	0.001	0.005	< 0.0010	< 0.0010	--
Reactive Silica (SiO2)	Reactive Silica (SiO2)	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	< 0.050	< 0.050	--
Total Suspended Solids	Total Suspended Solids	mg/L	1	5	<1	<1	--	1	5	< 1	< 1	--
Turbidity	Turbidity	NTU	0.1	0.5	<0.1	<0.1	--	0.1	0.5	< 0.1	< 0.1	--
Alkalinity (Total as CaCO3)	Alkalinity (Total as CaCO3)	mg/L	1	5	2.9	4.4	>MDL	1	5	< 1.0	< 1.0	--
Dissolved Chloride (Cl-)	Dissolved Chloride (Cl-)	mg/L	1	5	<1.0	<1.0	--	1	5	< 1.0	< 1.0	--
Nitrite (N)	Nitrite (N)	mg/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	< 0.010	< 0.010	--
Nitrate (N)	Nitrate (N)	mg/L	0.1	0.5	<0.10	<0.10	--	0.1	0.5	< 0.10	< 0.10	--
Dissolved Sulphate (SO4)	Dissolved Sulphate (SO4)	mg/L	0.5	2.5	<0.50	<0.50	--	0.5	2.5	< 0.50	< 0.50	--
Nitrate + Nitrite (N)	Nitrate + Nitrite (N)	mg/L	0.1	0.5	<0.10	<0.10	--	0.1	0.5	< 0.10	< 0.10	--
Un-ionized Ammonia (as N)	Un-ionized Ammonia (as N)	mg/L	-	-	-	-	--	-	-	-	-	--
Dissolved Metals	Dissolved Metals											
Aluminum (Al)	Aluminum (Al)	ug/L	0.5	2.5	<0.50	<0.50	--	0.5	2.5	0.78	<0.50	--
Antimony (Sb)	Antimony (Sb)	ug/L	0.02	0.1	<0.020	<0.020	--	0.02	0.1	<0.020	<0.020	--
Arsenic (As)	Arsenic (As)	ug/L	0.02	0.1	<0.020	<0.020	--	0.02	0.1	<0.020	<0.020	--
Barium (Ba)	Barium (Ba)	ug/L	0.02	0.1	0.07	0.11	>MDL	0.02	0.1	0.064	< 0.020	--
Beryllium (Be)	Beryllium (Be)	ug/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--
Bismuth (Bi)	Bismuth (Bi)	ug/L	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Boron (B)	Boron (B)	ug/L	10	50	<10	<10	--	10	50	< 0.01	< 0.01	--
Cadmium (Cd)	Cadmium (Cd)	ug/L	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Calcium (Ca)	Calcium (Ca)	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	0.058	< 0.050	--
Chromium (Cr)	Chromium (Cr)	ug/L	0.1	0.5	<0.10	<0.10	--	0.1	0.5	<0.10	<0.10	--
Copper (Cu)	Copper (Cu)	ug/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Iron (Fe)	Iron (Fe)	ug/L	1	5	<1.0	<1.0	--	1	5	<1.0	<1.0	--
Lead (Pb)	Lead (Pb)	ug/L	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Lithium (Li)	Lithium (Li)	ug/L	0.5	2.5	<0.50	<0.50	--	0.5	2.5	<0.50	<0.50	--
Magnesium (Mg)	Magnesium (Mg)	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Manganese (Mn)	Manganese (Mn)	ug/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Mercury (Hg)	Mercury (Hg)	mg/L	-	-	< 0.00001	< 0.00001	--	-	-	< 0.00001	< 0.00001	--
Molybdenum (Mo)	Molybdenum (Mo)	ug/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Nickel (Ni)	Nickel (Ni)	ug/L	0.02	0.1	<0.020	<0.020	--	0.02	0.1	0.022	<0.020	--
Potassium (K)	Potassium (K)	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	< 0.050	< 0.050	--
Selenium (Se)	Selenium (Se)	ug/L	0.04	0.2	<0.040	<0.040	--	0.04	0.2	<0.040	<0.040	--
Silver (Ag)	Silver (Ag)	ug/L	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Sodium (Na)	Sodium (Na)	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Strontium (Sr)	Strontium (Sr)	ug/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Thallium (Tl)	Thallium (Tl)	ug/L	0.002	0.01	<0.0020	<0.0020	--	0.002	0.01	<0.0020	<0.0020	--
Tin (Sn)	Tin (Sn)	ug/L	0.2	1	<0.20	<0.20	--	0.2	1	<0.20	<0.20	--
Titanium (Ti)	Titanium (Ti)	ug/L	0.5	2.5	<0.50	<0.50	--	0.5	2.5	<0.50	<0.50	--
Uranium (U)	Uranium (U)	ug/L	0.002	0.01	<0.0020	<0.0020	--	0.002	0.01	<0.0020	<0.0020	--
Vanadium (V)	Vanadium (V)	ug/L	0.2	1	<0.20	<0.20	--	0.2	1	<0.20	<0.20	--
Zinc (Zn)	Zinc (Zn)	ug/L	0.1	0.5	0.19	<0.10	--	0.1	0.5	0.33	<0.10	--
Total Metals	Total Metals											
Aluminum (Al)	Aluminum (Al)	ug/L	0.5	2.5	5.82	<0.50	--	0.5	2.5	0.54	<0.50	--
Antimony (Sb)	Antimony (Sb)	ug/L	0.02	0.1	<0.020	<0.020	--	0.02	0.1	<0.020	<0.020	--
Arsenic (As)	Arsenic (As)	ug/L	0.02	0.1	0.068	<0.020	--	0.02	0.1	<0.020	<0.020	--
Barium (Ba)	Barium (Ba)	ug/L	0.02	0.1	0.193	<0.020	--	0.02	0.1	<0.020	<0.020	--
Beryllium (Be)	Beryllium (Be)	ug/L	0.01	0.05	<0.010	<0.010	--	0.01	0.05	<0.010	<0.010	--
Bismuth (Bi)	Bismuth (Bi)	ug/L	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Boron (B)	Boron (B)	ug/L	10	50	<10	<10	--	10	50	<10	<10	--
Cadmium (Cd)	Cadmium (Cd)	ug/L	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Calcium (Ca)	Calcium (Ca)	mg/L	0.05	0.25	0.263	<0.050	--	0.05	0.25	<0.050	<0.050	--
Chromium (Cr)	Chromium (Cr)	ug/L	0.1	0.5	0.39	<0.10	--	0.1	0.5	<0.10	<0.10	--
Copper (Cu)	Copper (Cu)	ug/L	0.05	0.25	0.384	<0.050	--	0.05	0.25	<0.050	<0.050	--
Iron (Fe)	Iron (Fe)	ug/L	1	5	8.6	<1.0	--	1	5	<1.0	<1.0	--
Lead (Pb)	Lead (Pb)	ug/L	0.005	0.025	0.0728	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Lithium (Li)	Lithium (Li)	ug/L	0.5	2.5	<0.50	<0.50	--	0.5	2.5	<0.50	<0.50	--
Magnesium (Mg)	Magnesium (Mg)	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Manganese (Mn)	Manganese (Mn)	ug/L	0.05	0.25	1.13	<0.050	--	0.05	0.25	<0.050	<0.050	--
Mercury (Hg)	Mercury (Hg)	mg/L	-	-	< 0.00001	< 0.00001	--	-	-	< 0.00001	< 0.00001	--
Molybdenum (Mo)	Molybdenum (Mo)	ug/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Nickel (Ni)	Nickel (Ni)	ug/L	0.02	0.1	0.490	<0.020	--	0.02	0.1	<0.020	<0.020	--
Potassium (K)	Potassium (K)	mg/L	0.05	0.25	<0.050	<0.050	--	0.05	0.25	<0.050	<0.050	--
Selenium (Se)	Selenium (Se)	ug/L	0.04	0.2	<0.040	<0.040	--	0.04	0.2	<0.040	<0.040	--
Silver (Ag)	Silver (Ag)	ug/L	0.005	0.025	<0.0050	<0.0050	--	0.005	0.025	<0.0050	<0.0050	--
Sodium (Na)	Sodium (Na)	mg/L	0.05	0.25	0.150	<0.050	--	0.05	0.25	<0.050	<0.050	--
Strontium (Sr)	Strontium (Sr)	ug/L	0.05	0.25	0.659	<0.050	--	0.05	0.25	<0.050	<0.050	--
Thallium (Tl)	Thallium (Tl)	ug/L	0.002	0.01	<0.0020	<0.0020	--	0.002	0.01	<0.0020	<0.0020	--
Tin (Sn)	Tin (Sn)	ug/L	0.2	1	<0.20	<0.20	--	0.2	1	<0.20	<0.20	--
Titanium (Ti)	Titanium (Ti)	ug/L	0.5	2.5	<0.50	<0.50	--	0.5	2.5	<0.50	<0.50	--
Uranium (U)	Uranium (U)	ug/L	0.002	0.01	0.0020	<0.0020	--	0.002	0.01	<0.0020	<0.0020	--
Vanadium (V)	Vanadium (V)	ug/L	0.2	1	<0.20	<0.20	--	0.2	1	<0.20	<0.20	--
Zinc (Zn)	Zinc (Zn)	ug/L	0.1	0.5	3.04	<0.10	--	0.1	0.5	0.12	0.16	+/-MDL

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

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

Lab ID	UNITS	MDL	5 x MDL	ABPH77	ABPH78	SGS	RPD, MW-16-01A	RPD, MW-16-01B	ABYR34	ABYR35	SGS	ABYR37	ABYR38	SGS	ABYR33	ABYR34	SGS	RPD MW-IPD-07
Sampling Date				27-Aug-2024	27-Aug-2024	27-Aug-2024			30-Aug-2024	30-Aug-2024	30-Aug-2024	31-Aug-2024	31-Aug-2024	31-Aug-2024	29-Aug-2024	29-Aug-2024	29-Aug-2024	
WSP ID				MW-16-01A	MW-16-01B	MW-16-01A			MW-IPD-01(D)A	MW-IPD-01(D)B	MW-IPD-01(d)A	MW-IPD-01(S)A	MW-IPD-01(S)B	MW-IPD-01(s)A	MW-IPD-07A	MW-IPD-07B	MW-IPD-07A	
Free Cyanide (CN)	ug/L	2	10	23	23	<2	183%	183%	<2.0	<2.0	<2	<2.0	<0.02	<2	<2.0	<2.0	<2.0	--
Strong Acid Dissoc. Cyanide (CN) (Total)	mg/L	0.0005	0.0025	0.0461	0.0447	0.030	42%	39%	<0.00050	<0.00050	<0.002	<0.00050	<0.00050	<0.002	<0.00050	<0.00050	<0.002	--
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0005	0.0025	0.025	0.032	0.031	21%	3%	<0.00050	<0.00050	<0.004	<0.00050	<0.00050	<0.004	<0.00050	<0.00050	0.1	--

Lab ID	UNITS	MDL	5 x MDL	ABYR40	SGS	RPD, FB-02	ABYR39	SGS	RPD, TB-02
Sampling Date				30-Aug-2024	30-Aug-2024		30-Aug-2024	30-Aug-2024	
WSP ID				FB-02	SGS-FB-02		TB-02	SGS-TB-02	
Free Cyanide (CN)	ug/L	2	10	<2.0	<2.0	--	<2.0	<2.0	--
Strong Acid Dissoc. Cyanide (CN) (Total)	mg/L	0.0005	0.0025	< 0.00050	<0.002	--	< 0.00050	<0.002	--
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.0005	0.0025	< 0.00050	<0.004	--	< 0.00050	<0.004	--

Notes:
RPD value exceeds 20% or >MDL
MDL)

APPENDIX C

**2024 Laboratory Certificates of
Analysis**

APPENDIX C-I ANALYTICAL REPORT NO. R8249640

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-09	MW-IPD-09A	ZRU261
	MW-IPD-09B	ZRU262
MW-16-01	MW-16-01A	ZRU275
	MW-16-01B	ZRU276
Field Blank	FB-01	ZRU263
Trip Blank	TB-01	ZRU270



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 925747

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/07/25
Report #: R8249460
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L1589

Received: 2024/07/10, 10:00

Sample Matrix: Water
Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	6	N/A	2024/07/12	CAM SOP-00448	SM 24 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	6	N/A	2024/07/12	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	6	N/A	2024/07/12	CAM SOP-00463	SM 24 4500-Cl E m
Conductivity (1)	6	N/A	2024/07/12	CAM SOP-00414	SM 24 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	6	N/A	2024/07/12	CAM SOP-00446	SM 24 5310 B m
Fluoride (1)	6	2024/07/11	2024/07/12	CAM SOP-00449	SM 24 4500-F C m
Dissolved Mercury in Water by CVAA (1)	2	2024/07/16	2024/07/16	CAM SOP-00453	EPA 7470A m
Mercury in Water by CVAA (1)	2	2024/07/16	2024/07/16	CAM SOP-00453	EPA 7470A m
Dissolved Mercury (low level) (1)	4	2024/07/15	2024/07/15	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	4	2024/07/15	2024/07/15	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	4	2024/07/12	2024/07/15	CAM SOP-00408	EPA 6010D m
Lab Filtered Metals Analysis by ICP (1)	2	2024/07/15	2024/07/17	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	6	N/A	2024/07/17	AB SOP-00052	SM 24 4110 B m
Low Level Chloride and Sulphate by AC (2)	6	N/A	2024/07/15	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (Free) (2)	6	N/A	2024/07/16	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	6	2024/07/17	2024/07/17	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	6	N/A	2024/07/17	CAL SOP-00270	SM 24 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	6	N/A	2024/07/18	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	6	N/A	2024/07/22	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3, 6)	4	N/A	2024/07/20	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (dissolved) (3, 6)	2	N/A	2024/07/22	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (dissolved) (3, 6)	1	N/A	2024/07/23	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	6	N/A	2024/07/18	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	6	N/A	2024/07/17	BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (2)	6	N/A	2024/07/18	AB SOP-00011	EPA 370.1 R1978 m
Total Phosphorus Low Level Total (2)	5	2024/07/15	2024/07/15	AB SOP-00024	SM 24 4500-P A,B,F m
Total Phosphorus Low Level Total (2)	1	2024/07/15	2024/07/16	AB SOP-00024	SM 24 4500-P A,B,F m
Total Ammonia (as NH3) (1)	6	N/A	2024/07/17	Auto Calc.	
Ammonium as NH4+ (1)	4	N/A	2024/07/17		
Total Ammonia-N (1)	6	N/A	2024/07/16	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 7)	6	N/A	2024/07/12	CAM SOP-00440	SM 24 4500-NO3I/NO2B



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 925747

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/07/25
Report #: R8249460
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L1589

Received: 2024/07/10, 10:00

Sample Matrix: Water
Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
pH (1, 8)	6	2024/07/11	2024/07/12	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (1, 9)	4	N/A	2024/07/11		Field pH Meter
Orthophosphate (1)	6	N/A	2024/07/12	CAM SOP-00461	SM 24 4500-P E
Redox Potential (1, 10)	6	2024/07/11	2024/07/13	CAM SOP-00421	SM 24 2580 B
Sodium Adsorption Ratio (SAR) (1)	4	N/A	2024/07/16	CAM SOP-00102	EPA 6010C
Sodium Adsorption Ratio (SAR) (1)	2	N/A	2024/07/17	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (TDS calc) (1)	6	N/A	2024/07/25		Auto Calc
Total Dissolved Solids (1)	5	2024/07/12	2024/07/15	CAM SOP-00428	SM 24 2540C m
Total Dissolved Solids (1)	1	2024/07/13	2024/07/15	CAM SOP-00428	SM 24 2540C m
Field Temperature (1, 9)	4	N/A	2024/07/11		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	1	2024/07/12	2024/07/15	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water (1)	4	2024/07/12	2024/07/16	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water (1)	1	2024/07/12	2024/07/17	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 11)	1	N/A	2024/07/13	CAM SOP-00446	SM 24 5310B m
Total Organic Carbon (TOC) (1, 11)	5	N/A	2024/07/14	CAM SOP-00446	SM 24 5310B m
Low Level Total Suspended Solids (1)	1	2024/07/11	2024/07/12	CAM SOP-00428	SM 24 2540D m
Low Level Total Suspended Solids (1)	4	2024/07/12	2024/07/12	CAM SOP-00428	SM 24 2540D m
Low Level Total Suspended Solids (1)	1	2024/07/12	2024/07/15	CAM SOP-00428	SM 24 2540D m
Turbidity (1)	6	N/A	2024/07/12	CAM SOP-00417	SM 24 2130 B
Un-ionized Ammonia (as N) (1, 12)	4	2024/07/11	2024/07/17	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, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 925747

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Keewatin, NU
CANADA POX 0A1

Report Date: 2024/07/25
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Received: 2024/07/10, 10:00

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) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(7) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

(8) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."

(9) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.

(10) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.

(11) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.

(12) 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.



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU261			ZRU261		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		
COC Number		925747			925747		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH ₃)	mg/L	0.072	0.061	9508891			
Ammonium (NH ₄)	mg/L	0.075	0.00053	9509266			
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	77	1.0	9509236			
Calculated TDS	mg/L	150	1.0	9509419			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9509236			
Sodium Adsorption Ratio	N/A	1.1		9509609			
CONVENTIONALS							
Redox Potential	mV	280	N/A	9510102			
Field Measurements							
Field Temperature	Celsius	18.81	N/A	ONSITE			
Field Measured pH	pH	7.38		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	0.059	0.050	9511776			
Dissolved Bromide (Br ⁻)	mg/L	0.034	0.010	9528342			
Conductivity	umho/cm	250	1.0	9510081			
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	9524680			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9521533	<0.00050	0.00050	9521533
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9524679	<0.00050	0.00050	9524679
Total Dissolved Solids	mg/L	220	10	9511073			
Fluoride (F ⁻)	mg/L	1.1	0.10	9510088			
Total Kjeldahl Nitrogen (TKN)	mg/L	0.15	0.10	9511336			
Dissolved Organic Carbon	mg/L	0.98	0.40	9509968			
Total Organic Carbon (TOC)	mg/L	1.1	0.40	9512127			
Orthophosphate (P)	mg/L	0.014	0.010	9510201			
pH	pH	7.79		9509781			
Total Phosphorus (P)	mg/L	0.011	0.0010	9518804			
Reactive Silica (SiO ₂)	mg/L	9.9 (2)	0.10	9528344			
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. (2) Detection limits raised due to matrix interference.							



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU261			ZRU261		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		
COC Number		925747			925747		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Total Suspended Solids	mg/L	1	1	9510607			
Turbidity	NTU	1.5	0.1	9509787			
Alkalinity (Total as CaCO ₃)	mg/L	78	1.0	9510080			
Dissolved Chloride (Cl ⁻)	mg/L	1.3	1.0	9510187			
Nitrite (N)	mg/L	<0.010	0.010	9509770			
Nitrate (N)	mg/L	<0.10	0.10	9509770			
Dissolved Sulphate (SO ₄)	mg/L	42	0.50	9528343			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9509770			
Un-ionized Ammonia (as N)	mg/L	0.00051	0.00043	9508892			
Metals							
Dissolved Aluminum (Al)	ug/L	16.1	0.50	9535844			
Total Aluminum (Al)	ug/L	8.30	0.50	9535846			
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9535843			
Total Antimony (Sb)	ug/L	<0.020	0.020	9535846			
Dissolved Arsenic (As)	ug/L	17.5	0.020	9535843			
Total Arsenic (As)	ug/L	17.7	0.020	9535846			
Dissolved Barium (Ba)	ug/L	1.49	0.020	9535843			
Total Barium (Ba)	ug/L	1.56	0.020	9535846			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9535843			
Total Beryllium (Be)	ug/L	<0.010	0.010	9535846			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9535843			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9535846			
Dissolved Boron (B)	ug/L	129	10	9535843			
Total Boron (B)	ug/L	122	10	9535846			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9535843			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9535846			
Dissolved Chromium (Cr)	ug/L	0.30	0.10	9535843			
Total Chromium (Cr)	ug/L	0.16	0.10	9535846			
Dissolved Copper (Cu)	ug/L	0.075	0.050	9535843			
Total Copper (Cu)	ug/L	0.123	0.050	9535846			
Dissolved Iron (Fe)	ug/L	656	1.0	9535843			
Total Iron (Fe)	ug/L	641	1.0	9535846			
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							
Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU261			ZRU261		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		
COC Number		925747			925747		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Dissolved Lead (Pb)	ug/L	0.0441	0.0050	9535843			
Total Lead (Pb)	ug/L	0.0402	0.0050	9535846			
Dissolved Lithium (Li)	ug/L	2.84	0.50	9535843			
Total Lithium (Li)	ug/L	2.77	0.50	9535846			
Dissolved Manganese (Mn)	ug/L	61.3	0.050	9535843			
Total Manganese (Mn)	ug/L	59.5	0.050	9535846			
Dissolved Molybdenum (Mo)	ug/L	11.6	0.050	9535843			
Total Molybdenum (Mo)	ug/L	11.6	0.050	9535846			
Dissolved Nickel (Ni)	ug/L	0.570	0.020	9535843			
Total Nickel (Ni)	ug/L	0.436	0.020	9535846			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9535843			
Total Selenium (Se)	ug/L	<0.040	0.040	9535846			
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9535843			
Total Silver (Ag)	ug/L	<0.0050	0.0050	9535846			
Dissolved Strontium (Sr)	ug/L	160	0.050	9535843			
Total Strontium (Sr)	ug/L	154	0.050	9535846			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9535843			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9535846			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9535843			
Total Tin (Sn)	ug/L	<0.20	0.20	9535846			
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9535843			
Total Titanium (Ti)	ug/L	<0.50	0.50	9535846			
Dissolved Uranium (U)	ug/L	0.217	0.0020	9535843			
Total Uranium (U)	ug/L	0.217	0.0020	9535846			
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9535843			
Total Vanadium (V)	ug/L	<0.20	0.20	9535846			
Dissolved Zinc (Zn)	ug/L	3.09	0.10	9535844			
Total Zinc (Zn)	ug/L	0.72	0.10	9535846			
Dissolved Calcium (Ca)	mg/L	16.6	0.050	9535842			
Total Calcium (Ca)	mg/L	15.2	0.050	9535845			
Dissolved Magnesium (Mg)	mg/L	7.71	0.050	9535842			
Total Magnesium (Mg)	mg/L	7.73	0.050	9535845			
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							
Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589
Report Date: 2024/07/25

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU261			ZRU261		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		
COC Number		925747			925747		
	UNITS	MW-IPD-09a	RDL	QC Batch	MW-IPD-09a Lab-Dup	RDL	QC Batch
Dissolved Potassium (K)	mg/L	0.944	0.050	9535842			
Total Potassium (K)	mg/L	1.01	0.050	9535845			
Dissolved Sodium (Na)	mg/L	22.1	0.050	9535842			
Total Sodium (Na)	mg/L	21.3	0.050	9535845			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU262			ZRU262		ZRU263		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		2024/07/05 17:30		
COC Number		925747			925747		925747		
	UNITS	MW-IPD-09b	RDL	QC Batch	MW-IPD-09b Lab-Dup	QC Batch	FB-01	RDL	QC Batch

Calculated Parameters									
Total Ammonia (as NH ₃)	mg/L	0.068	0.061	9508891			<0.061	0.061	9508891
Ammonium (NH ₄)	mg/L	0.071	0.00053	9509266					
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	81	1.0	9509236			2.9	1.0	9509236
Calculated TDS	mg/L	150	1.0	9509419			2.0	1.0	9509419
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9509236			<1.0	1.0	9509236
Sodium Adsorption Ratio	N/A	1.1		9509609			NC (1)		9509609

CONVENTIONALS									
Redox Potential	mV	280	N/A	9510102	280	9510102	280	N/A	9510102

Field Measurements									
Field Temperature	Celsius	18.81	N/A	ONSITE					
Field Measured pH	pH	7.38		ONSITE					

Inorganics									
Total Ammonia-N	mg/L	0.056	0.050	9511776			<0.050	0.050	9511776
Dissolved Bromide (Br ⁻)	mg/L	0.025	0.010	9528342			<0.010	0.010	9528342
Conductivity	umho/cm	250	1.0	9510081			<1.0	1.0	9510081
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	9524680			<2.0 (2)	2.0	9524680
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9521533			<0.00050	0.00050	9521533
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9524679			<0.00050	0.00050	9524679
Total Dissolved Solids	mg/L	250	10	9511073			<10	10	9511073
Fluoride (F ⁻)	mg/L	1.1	0.10	9510088			<0.10	0.10	9510088
Total Kjeldahl Nitrogen (TKN)	mg/L	0.19	0.10	9511336			<0.10	0.10	9511336
Dissolved Organic Carbon	mg/L	1.1	0.40	9509968			<0.40	0.40	9509968
Total Organic Carbon (TOC)	mg/L	1.1	0.40	9512127			<0.40	0.40	9512127
Orthophosphate (P)	mg/L	0.013	0.010	9510201			<0.010	0.010	9510201
pH	pH	7.85		9509781			6.44		9509781
Total Phosphorus (P)	mg/L	0.014	0.0010	9518804			<0.0010	0.0010	9518804

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 #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU262			ZRU262		ZRU263		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		2024/07/05 17:30		
COC Number		925747			925747		925747		
	UNITS	MW-IPD-09b	RDL	QC Batch	MW-IPD-09b Lab-Dup	QC Batch	FB-01	RDL	QC Batch
Reactive Silica (SiO ₂)	mg/L	9.9 (1)	0.10	9528344			<0.050	0.050	9528344
Total Suspended Solids	mg/L	1	1	9511490			<1	1	9510607
Turbidity	NTU	1.5	0.1	9509787			<0.1	0.1	9509787
Alkalinity (Total as CaCO ₃)	mg/L	82	1.0	9510080			2.9	1.0	9510080
Dissolved Chloride (Cl ⁻)	mg/L	1.1	1.0	9510187			<1.0	1.0	9510187
Nitrite (N)	mg/L	<0.010	0.010	9509770			<0.010	0.010	9509770
Nitrate (N)	mg/L	<0.10	0.10	9509770			<0.10	0.10	9509770
Dissolved Sulphate (SO ₄)	mg/L	41	0.50	9524676			<0.50	0.50	9528343
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9509770			<0.10	0.10	9509770
Un-ionized Ammonia (as N)	mg/L	0.00048	0.00043	9508892					
Metals									
Dissolved Aluminum (Al)	ug/L	12.6	0.50	9535843			<0.50	0.50	9535843
Total Aluminum (Al)	ug/L	11.4	0.50	9535846			5.82	0.50	9535846
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9535843			<0.020	0.020	9535843
Total Antimony (Sb)	ug/L	<0.020	0.020	9535846			<0.020	0.020	9535846
Dissolved Arsenic (As)	ug/L	17.5	0.020	9535843			<0.020	0.020	9535843
Total Arsenic (As)	ug/L	17.5	0.020	9535846			0.068	0.020	9535846
Dissolved Barium (Ba)	ug/L	1.73	0.020	9535843			0.070	0.020	9535843
Total Barium (Ba)	ug/L	1.75	0.020	9535846			0.193	0.020	9535846
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9535843			<0.010	0.010	9535843
Total Beryllium (Be)	ug/L	<0.010	0.010	9535846			<0.010	0.010	9535846
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9535843			<0.0050	0.0050	9535843
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9535846			<0.0050	0.0050	9535846
Dissolved Boron (B)	ug/L	130	10	9535843			<10	10	9535843
Total Boron (B)	ug/L	130	10	9535846			<10	10	9535846
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9535843			<0.0050	0.0050	9535843
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9535846			<0.0050	0.0050	9535846
Dissolved Chromium (Cr)	ug/L	0.26	0.10	9535843			<0.10	0.10	9535843
Total Chromium (Cr)	ug/L	0.22	0.10	9535846			0.39	0.10	9535846
Dissolved Copper (Cu)	ug/L	0.064	0.050	9535843			<0.050	0.050	9535843
Total Copper (Cu)	ug/L	0.307	0.050	9535846			0.384	0.050	9535846
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									
(1) Detection limits raised due to matrix interference.									



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU262			ZRU262		ZRU263		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		2024/07/05 17:30		
COC Number		925747			925747		925747		
	UNITS	MW-IPD-09b	RDL	QC Batch	MW-IPD-09b Lab-Dup	QC Batch	FB-01	RDL	QC Batch
Dissolved Iron (Fe)	ug/L	653	1.0	9535843			<1.0	1.0	9535843
Total Iron (Fe)	ug/L	646	1.0	9535846			8.6	1.0	9535846
Dissolved Lead (Pb)	ug/L	0.0352	0.0050	9535843			<0.0050	0.0050	9535843
Total Lead (Pb)	ug/L	0.108	0.0050	9535846			0.0728	0.0050	9535846
Dissolved Lithium (Li)	ug/L	2.82	0.50	9535843			<0.50	0.50	9535843
Total Lithium (Li)	ug/L	2.89	0.50	9535846			<0.50	0.50	9535846
Dissolved Manganese (Mn)	ug/L	62.1	0.050	9535843			<0.050	0.050	9535843
Total Manganese (Mn)	ug/L	60.4	0.050	9535846			1.13	0.050	9535846
Dissolved Molybdenum (Mo)	ug/L	11.6	0.050	9535843			<0.050	0.050	9535843
Total Molybdenum (Mo)	ug/L	11.5	0.050	9535846			<0.050	0.050	9535846
Dissolved Nickel (Ni)	ug/L	0.474	0.020	9535843			<0.020	0.020	9535843
Total Nickel (Ni)	ug/L	0.737	0.020	9535846			0.490	0.020	9535846
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9535843			<0.040	0.040	9535843
Total Selenium (Se)	ug/L	<0.040	0.040	9535846			<0.040	0.040	9535846
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9535843			<0.0050	0.0050	9535843
Total Silver (Ag)	ug/L	0.0115	0.0050	9535846			<0.0050	0.0050	9535846
Dissolved Strontium (Sr)	ug/L	161	0.050	9535843			<0.050	0.050	9535843
Total Strontium (Sr)	ug/L	155	0.050	9535846			0.659	0.050	9535846
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9535843			<0.0020	0.0020	9535843
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9535846			<0.0020	0.0020	9535846
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9535843			<0.20	0.20	9535843
Total Tin (Sn)	ug/L	<0.20	0.20	9535846			<0.20	0.20	9535846
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9535843			<0.50	0.50	9535843
Total Titanium (Ti)	ug/L	<0.50	0.50	9535846			<0.50	0.50	9535846
Dissolved Uranium (U)	ug/L	0.217	0.0020	9535843			<0.0020	0.0020	9535843
Total Uranium (U)	ug/L	0.208	0.0020	9535846			0.0020	0.0020	9535846
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9535843			<0.20	0.20	9535843
Total Vanadium (V)	ug/L	<0.20	0.20	9535846			<0.20	0.20	9535846
Dissolved Zinc (Zn)	ug/L	1.23	0.10	9535843			0.19	0.10	9535843
Total Zinc (Zn)	ug/L	1.95	0.10	9535846			3.04	0.10	9535846
Dissolved Calcium (Ca)	mg/L	16.4	0.050	9535842			<0.050	0.050	9535842
Total Calcium (Ca)	mg/L	15.3	0.050	9535845			0.263	0.050	9535845
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589
Report Date: 2024/07/25

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU262			ZRU262		ZRU263		
Sampling Date		2024/07/05 17:30			2024/07/05 17:30		2024/07/05 17:30		
COC Number		925747			925747		925747		
	UNITS	MW-IPD-09b	RDL	QC Batch	MW-IPD-09b Lab-Dup	QC Batch	FB-01	RDL	QC Batch
Dissolved Magnesium (Mg)	mg/L	7.60	0.050	9535842			<0.050	0.050	9535842
Total Magnesium (Mg)	mg/L	7.64	0.050	9535845			<0.050	0.050	9535845
Dissolved Potassium (K)	mg/L	0.949	0.050	9535842			<0.050	0.050	9535842
Total Potassium (K)	mg/L	1.05	0.050	9535845			<0.050	0.050	9535845
Dissolved Sodium (Na)	mg/L	22.2	0.050	9535842			<0.050	0.050	9535842
Total Sodium (Na)	mg/L	21.4	0.050	9535845			0.150	0.050	9535845

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



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU270			ZRU275			ZRU275		
Sampling Date		2024/07/05 17:30			2024/07/06 15:30			2024/07/06 15:30		
COC Number		925747			925747			925747		
	UNITS	TB-01	RDL	QC Batch	MW-IPD-01A	RDL	QC Batch	MW-IPD-01A Lab-Dup	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH ₃)	mg/L	<0.061	0.061	9508891	11	0.061	9508891			
Ammonium (NH ₄)	mg/L				11	0.00074	9509266			
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	4.4	1.0	9509236	150	1.0	9509236			
Calculated TDS	mg/L	3.0	1.0	9509419	2100	1.0	9509419			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9509236	<1.0	1.0	9509236			
Sodium Adsorption Ratio	N/A	NC (1)		9509609	4.4		9509609			

CONVENTIONALS										
Redox Potential	mV	290	N/A	9510102	270	N/A	9510102			

Field Measurements										
Field Temperature	Celsius				14.2	N/A	ONSITE			
Field Measured pH	pH				7.68		ONSITE			

Inorganics										
Total Ammonia-N	mg/L	<0.050	0.050	9511776	8.7	0.050	9511776			
Dissolved Bromide (Br ⁻)	mg/L	<0.010	0.010	9528342	1.9 (2)	0.10	9528342			
Conductivity	umho/cm	1.2	1.0	9510081	2900	1.0	9510081			
Free Cyanide (CN)	ug/L	<2.0 (3)	2.0	9528345	22 (3)	2.0	9528345			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9521533	0.0263	0.00050	9521533			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9524679	0.018 (4)	0.00050	9524679			
Total Dissolved Solids	mg/L	<10	10	9511073	2130	10	9511073			
Fluoride (F ⁻)	mg/L	<0.10	0.10	9510088	0.34	0.10	9510088			
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	9511336	39	5.0	9511336	40	5.0	9511336
Dissolved Organic Carbon	mg/L	<0.40	0.40	9509968	22	0.40	9509968			
Total Organic Carbon (TOC)	mg/L	<0.40	0.40	9512127	23	0.40	9512127			
Orthophosphate (P)	mg/L	<0.010	0.010	9510201	<0.010	0.010	9510201			

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) Detection limits raised due to matrix interference.

(3) 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.

(4) WAD Cyanide < Free Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent.



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589
Report Date: 2024/07/25

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU270			ZRU275			ZRU275		
Sampling Date		2024/07/05 17:30			2024/07/06 15:30			2024/07/06 15:30		
COC Number		925747			925747			925747		
	UNITS	TB-01	RDL	QC Batch	MW-IPD-01A	RDL	QC Batch	MW-IPD-01A Lab-Dup	RDL	QC Batch
pH	pH	6.62		9509781	7.78		9509781			
Total Phosphorus (P)	mg/L	<0.0010	0.0010	9518804	0.058	0.0010	9518804			
Reactive Silica (SiO ₂)	mg/L	<0.050	0.050	9528344	8.5	0.050	9528344			
Total Suspended Solids	mg/L	<1	1	9510607	12	2	9508732			
Turbidity	NTU	<0.1	0.1	9509787	79	0.1	9509787			
Alkalinity (Total as CaCO ₃)	mg/L	4.4	1.0	9510080	150	1.0	9510080			
Dissolved Chloride (Cl ⁻)	mg/L	<1.0	1.0	9510187	220	2.0	9510187			
Nitrite (N)	mg/L	<0.010	0.010	9509770	<0.010	0.010	9509770			
Nitrate (N)	mg/L	<0.10	0.10	9509770	<0.10	0.10	9509770			
Dissolved Sulphate (SO ₄)	mg/L	<0.50	0.50	9528343	1100	13	9524676			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9509770	<0.10	0.10	9509770			
Un-ionized Ammonia (as N)	mg/L				0.11	0.00061	9508892			
Metals										
Dissolved Aluminum (Al)	ug/L	<0.50	0.50	9535843	8.9	1.0	9535843			
Total Aluminum (Al)	ug/L	<0.50	0.50	9535846	17.1	1.0	9535846			
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9535843	<0.040	0.040	9535843			
Total Antimony (Sb)	ug/L	<0.020	0.020	9535846	<0.040	0.040	9535846			
Dissolved Arsenic (As)	ug/L	<0.020	0.020	9535843	191	0.040	9535843			
Total Arsenic (As)	ug/L	<0.020	0.020	9535846	198	0.040	9535846			
Dissolved Barium (Ba)	ug/L	0.110	0.020	9535844	18.3	0.040	9535843			
Total Barium (Ba)	ug/L	<0.020	0.020	9535846	19.2	0.040	9535846			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9535843	<0.020	0.020	9535843			
Total Beryllium (Be)	ug/L	<0.010	0.010	9535846	<0.020	0.020	9535846			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9535843	<0.010	0.010	9535843			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9535846	<0.010	0.010	9535846			
Dissolved Boron (B)	ug/L	<10	10	9535843	90	20	9535843			
Total Boron (B)	ug/L	<10	10	9535846	88	20	9535846			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9535843	<0.010	0.010	9535843			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9535846	<0.010	0.010	9535846			
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	9535843	<0.20	0.20	9535843			
Total Chromium (Cr)	ug/L	<0.10	0.10	9535846	0.25	0.20	9535846			
Dissolved Copper (Cu)	ug/L	<0.050	0.050	9535843	0.23	0.10	9535843			
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L1589
Report Date: 2024/07/25

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU270			ZRU275			ZRU275		
Sampling Date		2024/07/05 17:30			2024/07/06 15:30			2024/07/06 15:30		
COC Number		925747			925747			925747		
	UNITS	TB-01	RDL	QC Batch	MW-IPD-01A	RDL	QC Batch	MW-IPD-01A Lab-Dup	RDL	QC Batch
Total Copper (Cu)	ug/L	<0.050	0.050	9535846	0.36	0.10	9535846			
Dissolved Iron (Fe)	ug/L	<1.0	1.0	9535843	4720	2.0	9535843			
Total Iron (Fe)	ug/L	<1.0	1.0	9535846	4550	2.0	9535846			
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	9535843	0.055	0.010	9535843			
Total Lead (Pb)	ug/L	<0.0050	0.0050	9535846	0.111	0.010	9535846			
Dissolved Lithium (Li)	ug/L	<0.50	0.50	9535843	11.6	1.0	9535843			
Total Lithium (Li)	ug/L	<0.50	0.50	9535846	10.7	1.0	9535846			
Dissolved Manganese (Mn)	ug/L	<0.050	0.050	9535843	2180	0.10	9535843			
Total Manganese (Mn)	ug/L	<0.050	0.050	9535846	2080	0.10	9535846			
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.050	9535843	54.4	0.10	9535843			
Total Molybdenum (Mo)	ug/L	<0.050	0.050	9535846	52.5	0.10	9535846			
Dissolved Nickel (Ni)	ug/L	<0.020	0.020	9535843	1.55	0.040	9535843			
Total Nickel (Ni)	ug/L	<0.020	0.020	9535846	1.64	0.040	9535846			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9535843	<0.080	0.080	9535843			
Total Selenium (Se)	ug/L	<0.040	0.040	9535846	<0.080	0.080	9535846			
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9535843	0.011	0.010	9535843			
Total Silver (Ag)	ug/L	<0.0050	0.0050	9535846	<0.010	0.010	9535846			
Dissolved Strontium (Sr)	ug/L	<0.050	0.050	9535843	1070	0.10	9535843			
Total Strontium (Sr)	ug/L	<0.050	0.050	9535846	1010	0.10	9535846			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9535843	<0.0040	0.0040	9535843			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9535846	0.0077	0.0040	9535846			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9535843	<0.40	0.40	9535843			
Total Tin (Sn)	ug/L	<0.20	0.20	9535846	<0.40	0.40	9535846			
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9535843	<1.0	1.0	9535843			
Total Titanium (Ti)	ug/L	<0.50	0.50	9535846	<1.0	1.0	9535846			
Dissolved Uranium (U)	ug/L	<0.0020	0.0020	9535843	4.41	0.0040	9535843			
Total Uranium (U)	ug/L	<0.0020	0.0020	9535846	4.46	0.0040	9535846			
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9535843	<0.40	0.40	9535843			
Total Vanadium (V)	ug/L	<0.20	0.20	9535846	<0.40	0.40	9535846			
Dissolved Zinc (Zn)	ug/L	<0.10	0.10	9535843	1.59	0.20	9535843			
Total Zinc (Zn)	ug/L	<0.10	0.10	9535846	3.34	0.20	9535846			
Dissolved Calcium (Ca)	mg/L	<0.050	0.050	9535842	222	0.10	9535842			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU270			ZRU275			ZRU275		
Sampling Date		2024/07/05 17:30			2024/07/06 15:30			2024/07/06 15:30		
COC Number		925747			925747			925747		
	UNITS	TB-01	RDL	QC Batch	MW-IPD-01A	RDL	QC Batch	MW-IPD-01A Lab-Dup	RDL	QC Batch
Total Calcium (Ca)	mg/L	<0.050	0.050	9535845	201	0.10	9535845			
Dissolved Magnesium (Mg)	mg/L	<0.050	0.050	9535842	78.3	0.10	9535842			
Total Magnesium (Mg)	mg/L	<0.050	0.050	9535845	74.9	0.10	9535845			
Dissolved Potassium (K)	mg/L	<0.050	0.050	9535842	21.2	0.10	9535842			
Total Potassium (K)	mg/L	<0.050	0.050	9535845	21.1	0.10	9535845			
Dissolved Sodium (Na)	mg/L	<0.050	0.050	9535842	289	0.10	9535842			
Total Sodium (Na)	mg/L	<0.050	0.050	9535845	265	0.10	9535845			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU276		
Sampling Date		2024/07/06 15:30		
COC Number		925747		
	UNITS	MW-IPD-01B	RDL	QC Batch
Calculated Parameters				
Total Ammonia (as NH ₃)	mg/L	11	0.061	9508891
Ammonium (NH ₄)	mg/L	11	0.00074	9509266
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	150	1.0	9509236
Calculated TDS	mg/L	2100	1.0	9509419
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9509236
Sodium Adsorption Ratio	N/A	4.4		9509609
CONVENTIONALS				
Redox Potential	mV	280	N/A	9510102
Field Measurements				
Field Temperature	Celsius	14.2	N/A	ONSITE
Field Measured pH	pH	7.68		ONSITE
Inorganics				
Total Ammonia-N	mg/L	8.8	0.050	9511776
Dissolved Bromide (Br ⁻)	mg/L	1.9 (1)	0.10	9528342
Conductivity	umho/cm	2900	1.0	9510081
Free Cyanide (CN)	ug/L	25 (2)	2.0	9528345
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.0260	0.00050	9521533
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.018	0.00050	9524679
Total Dissolved Solids	mg/L	2140	10	9513595
Fluoride (F ⁻)	mg/L	0.36	0.10	9510088
Total Kjeldahl Nitrogen (TKN)	mg/L	37	2.0	9511222
Dissolved Organic Carbon	mg/L	23	0.40	9509968
Total Organic Carbon (TOC)	mg/L	25	0.40	9511321
Orthophosphate (P)	mg/L	<0.010	0.010	9510201
pH	pH	7.84		9509781
Total Phosphorus (P)	mg/L	0.061 (3)	0.0010	9518804
RDL = Reportable Detection Limit QC Batch = Quality Control Batch 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. (3) Matrix Spike exceeds acceptance limits due to matrix interference. Reanalysis yields similar results.				



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU276		
Sampling Date		2024/07/06 15:30		
COC Number		925747		
	UNITS	MW-IPD-01B	RDL	QC Batch
Reactive Silica (SiO ₂)	mg/L	8.6	0.050	9528344
Total Suspended Solids	mg/L	13	2	9510607
Turbidity	NTU	74	0.1	9509787
Alkalinity (Total as CaCO ₃)	mg/L	150	1.0	9510080
Dissolved Chloride (Cl ⁻)	mg/L	220	2.0	9510187
Nitrite (N)	mg/L	<0.010	0.010	9509770
Nitrate (N)	mg/L	<0.10	0.10	9509770
Dissolved Sulphate (SO ₄)	mg/L	1100	13	9524676
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9509770
Un-ionized Ammonia (as N)	mg/L	0.11	0.00061	9508892
Metals				
Dissolved Aluminum (Al)	ug/L	18.3	1.0	9535844
Total Aluminum (Al)	ug/L	4.9	1.0	9535846
Dissolved Antimony (Sb)	ug/L	<0.040	0.040	9535843
Total Antimony (Sb)	ug/L	<0.040	0.040	9535846
Dissolved Arsenic (As)	ug/L	190	0.040	9535843
Total Arsenic (As)	ug/L	213	0.040	9535846
Dissolved Barium (Ba)	ug/L	18.6	0.040	9535843
Total Barium (Ba)	ug/L	19.8	0.040	9535846
Dissolved Beryllium (Be)	ug/L	<0.020	0.020	9535843
Total Beryllium (Be)	ug/L	<0.020	0.020	9535846
Dissolved Bismuth (Bi)	ug/L	<0.010	0.010	9535843
Total Bismuth (Bi)	ug/L	<0.010	0.010	9535846
Dissolved Boron (B)	ug/L	93	20	9535843
Total Boron (B)	ug/L	85	20	9535846
Dissolved Cadmium (Cd)	ug/L	<0.010	0.010	9535843
Total Cadmium (Cd)	ug/L	<0.010	0.010	9535846
Dissolved Chromium (Cr)	ug/L	0.29	0.20	9535843
Total Chromium (Cr)	ug/L	<0.20	0.20	9535846
Dissolved Copper (Cu)	ug/L	2.07	0.10	9535844
Total Copper (Cu)	ug/L	0.23	0.10	9535846
Dissolved Iron (Fe)	ug/L	4750	2.0	9535843
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU276		
Sampling Date		2024/07/06 15:30		
COC Number		925747		
	UNITS	MW-IPD-01B	RDL	QC Batch
Total Iron (Fe)	ug/L	4800	2.0	9535846
Dissolved Lead (Pb)	ug/L	0.860	0.010	9535844
Total Lead (Pb)	ug/L	0.045	0.010	9535846
Dissolved Lithium (Li)	ug/L	11.9	1.0	9535843
Total Lithium (Li)	ug/L	10.2	1.0	9535846
Dissolved Manganese (Mn)	ug/L	2160	0.10	9535843
Total Manganese (Mn)	ug/L	2190	0.10	9535846
Dissolved Molybdenum (Mo)	ug/L	54.1	0.10	9535843
Total Molybdenum (Mo)	ug/L	55.6	0.10	9535846
Dissolved Nickel (Ni)	ug/L	2.29	0.040	9535844
Total Nickel (Ni)	ug/L	1.50	0.040	9535846
Dissolved Selenium (Se)	ug/L	0.104	0.080	9535843
Total Selenium (Se)	ug/L	<0.080	0.080	9535846
Dissolved Silver (Ag)	ug/L	0.025	0.010	9535843
Total Silver (Ag)	ug/L	<0.010	0.010	9535846
Dissolved Strontium (Sr)	ug/L	1070	0.10	9535843
Total Strontium (Sr)	ug/L	1070	0.10	9535846
Dissolved Thallium (Tl)	ug/L	<0.0040	0.0040	9535843
Total Thallium (Tl)	ug/L	<0.0040	0.0040	9535846
Dissolved Tin (Sn)	ug/L	<0.40	0.40	9535843
Total Tin (Sn)	ug/L	<0.40	0.40	9535846
Dissolved Titanium (Ti)	ug/L	<1.0	1.0	9535843
Total Titanium (Ti)	ug/L	<1.0	1.0	9535846
Dissolved Uranium (U)	ug/L	4.34	0.0040	9535843
Total Uranium (U)	ug/L	4.55	0.0040	9535846
Dissolved Vanadium (V)	ug/L	<0.40	0.40	9535843
Total Vanadium (V)	ug/L	<0.40	0.40	9535846
Dissolved Zinc (Zn)	ug/L	9.68	0.20	9535844
Total Zinc (Zn)	ug/L	1.47	0.20	9535846
Dissolved Calcium (Ca)	mg/L	223	0.10	9535842
Total Calcium (Ca)	mg/L	201	0.10	9535845
Dissolved Magnesium (Mg)	mg/L	77.3	0.10	9535842
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589
Report Date: 2024/07/25

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRU276		
Sampling Date		2024/07/06 15:30		
COC Number		925747		
	UNITS	MW-IPD-01B	RDL	QC Batch
Total Magnesium (Mg)	mg/L	77.4	0.10	9535845
Dissolved Potassium (K)	mg/L	21.1	0.10	9535842
Total Potassium (K)	mg/L	22.6	0.10	9535845
Dissolved Sodium (Na)	mg/L	283	0.10	9535842
Total Sodium (Na)	mg/L	281	0.10	9535845
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ZRU261		ZRU262		ZRU263		ZRU270		
Sampling Date		2024/07/05 17:30		2024/07/05 17:30		2024/07/05 17:30		2024/07/05 17:30		
COC Number		925747		925747		925747		925747		
	UNITS	MW-IPD-09a	QC Batch	MW-IPD-09b	QC Batch	FB-01	QC Batch	TB-01	RDL	QC Batch

Calculated Parameters										
Total Hardness (CaCO ₃)	mg/L	69.8	9521967	69.7	9521967	0.66	9521967	<0.50	0.50	9521967
Metals										
Dissolved Calcium (Ca)	mg/L	17	9511852	17	9511852	<0.05	9515803	<0.05	0.05	9515803
Dissolved Magnesium (Mg)	mg/L	7.8	9511852	7.8	9511852	<0.05	9515803	<0.05	0.05	9515803
Mercury (Hg)	mg/L	<0.00001	9514554	<0.00001	9514554	<0.00001	9514804	<0.00001	0.00001	9514804
Dissolved Mercury (Hg)	mg/L	<0.00001	9514767	<0.00001	9515279	<0.00001	9514767	<0.00001	0.00001	9515375
Dissolved Potassium (K)	mg/L	1	9511852	1	9511852	<1	9515803	<1	1	9515803
Dissolved Sodium (Na)	mg/L	22	9511852	22	9511852	<0.5	9515803	<0.5	0.5	9515803

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Bureau Veritas ID		ZRU275		ZRU276		
Sampling Date		2024/07/06 15:30		2024/07/06 15:30		
COC Number		925747		925747		
	UNITS	MW-IPD-01A	QC Batch	MW-IPD-01B	RDL	QC Batch

Calculated Parameters						
Total Hardness (CaCO ₃)	mg/L	810	9521967	821	0.50	9517559
Metals						
Dissolved Calcium (Ca)	mg/L	230	9511852	240	0.05	9512208
Dissolved Magnesium (Mg)	mg/L	78	9511852	81	0.05	9512208
Mercury (Hg)	mg/L	<0.00010	9516926	<0.00010	0.00010	9516926
Dissolved Mercury (Hg)	mg/L	<0.00010	9516966	<0.00010	0.00010	9516966
Dissolved Potassium (K)	mg/L	23	9511852	24	1	9512208
Dissolved Sodium (Na)	mg/L	300	9511852	310	0.5	9512208

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZRU261
Sample ID: MW-IPD-09a
Matrix: Water

Collected: 2024/07/05
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9510080	N/A	2024/07/12	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9509236	N/A	2024/07/12	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9510187	N/A	2024/07/12	Alina Dobreanu
Conductivity	AT	9510081	N/A	2024/07/12	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9509968	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9510088	2024/07/11	2024/07/12	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9514767	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9514554	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9511852	2024/07/12	2024/07/15	Suban Kanapathipplai
Bromide in water by IC	IC/UV	9528342	N/A	2024/07/17	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9528343	N/A	2024/07/15	Adam Fishleigh
Cyanide (Free)	SPEC	9524680	N/A	2024/07/16	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9521533	2024/07/17	2024/07/17	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9524679	N/A	2024/07/17	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9521967	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9535842	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9535844	N/A	2024/07/23	Michelle Young
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9535845	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9535846	N/A	2024/07/17	Andrew An
Silica (Reactive)	KONE	9528344	N/A	2024/07/18	Shanna McKort
Total Phosphorus Low Level Total	KONE	9518804	2024/07/15	2024/07/15	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9508891	N/A	2024/07/17	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9509266	N/A	2024/07/17	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9511776	N/A	2024/07/16	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9509770	N/A	2024/07/12	Jinal Chavda
pH	AT	9509781	2024/07/11	2024/07/12	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Orthophosphate	SKAL	9510201	N/A	2024/07/12	Alina Dobreanu
Redox Potential	COND	9510102	2024/07/11	2024/07/13	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9509609	N/A	2024/07/16	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9509419	N/A	2024/07/25	Automated Statchk
Total Dissolved Solids	BAL	9511073	2024/07/12	2024/07/15	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Total Kjeldahl Nitrogen in Water	SKAL	9511336	2024/07/12	2024/07/16	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9512127	N/A	2024/07/14	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9510607	2024/07/12	2024/07/12	Tina Teng
Turbidity	AT	9509787	N/A	2024/07/12	Gurpartee KAU
Un-ionized Ammonia (as N)	CALC	9508892	2024/07/17	2024/07/17	Automated Statchk

Bureau Veritas ID: ZRU261 Dup
Sample ID: MW-IPD-09a
Matrix: Water

Collected: 2024/07/05
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9521533	2024/07/17	2024/07/17	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9524679	N/A	2024/07/17	Ye Hyun KIM



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZRU262
Sample ID: MW-IPD-09b
Matrix: Water

Collected: 2024/07/05
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9510080	N/A	2024/07/12	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9509236	N/A	2024/07/12	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9510187	N/A	2024/07/12	Alina Dobreanu
Conductivity	AT	9510081	N/A	2024/07/12	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9509968	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9510088	2024/07/11	2024/07/12	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9515279	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9514554	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9511852	2024/07/12	2024/07/15	Suban Kanapathipplai
Bromide in water by IC	IC/UV	9528342	N/A	2024/07/17	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9524676	N/A	2024/07/15	Adam Fishleigh
Cyanide (Free)	SPEC	9524680	N/A	2024/07/16	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9521533	2024/07/17	2024/07/17	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9524679	N/A	2024/07/17	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9521967	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9535842	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9535843	N/A	2024/07/20	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9535845	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9535846	N/A	2024/07/17	Andrew An
Silica (Reactive)	KONE	9528344	N/A	2024/07/18	Shanna McKort
Total Phosphorus Low Level Total	KONE	9518804	2024/07/15	2024/07/15	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9508891	N/A	2024/07/17	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9509266	N/A	2024/07/17	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9511776	N/A	2024/07/16	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9509770	N/A	2024/07/12	Jinal Chavda
pH	AT	9509781	2024/07/11	2024/07/12	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Orthophosphate	SKAL	9510201	N/A	2024/07/12	Alina Dobreanu
Redox Potential	COND	9510102	2024/07/11	2024/07/13	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9509609	N/A	2024/07/16	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9509419	N/A	2024/07/25	Automated Statchk
Total Dissolved Solids	BAL	9511073	2024/07/12	2024/07/15	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Total Kjeldahl Nitrogen in Water	SKAL	9511336	2024/07/12	2024/07/16	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9512127	N/A	2024/07/14	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9511490	2024/07/12	2024/07/15	Razieh Tabesh
Turbidity	AT	9509787	N/A	2024/07/12	Gurpartee KAU
Un-ionized Ammonia (as N)	CALC	9508892	2024/07/17	2024/07/17	Automated Statchk

Bureau Veritas ID: ZRU262 Dup
Sample ID: MW-IPD-09b
Matrix: Water

Collected: 2024/07/05
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Redox Potential	COND	9510102	2024/07/11	2024/07/13	Gurpartee KAU



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZRU263

Sample ID: FB-01

Matrix: Water

Collected: 2024/07/05

Shipped:

Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9510080	N/A	2024/07/12	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9509236	N/A	2024/07/12	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9510187	N/A	2024/07/12	Alina Dobreanu
Conductivity	AT	9510081	N/A	2024/07/12	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9509968	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9510088	2024/07/11	2024/07/12	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9514767	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9514804	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9515803	2024/07/15	2024/07/17	Suban Kanapathipplai
Bromide in water by IC	IC/UV	9528342	N/A	2024/07/17	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9528343	N/A	2024/07/15	Adam Fishleigh
Cyanide (Free)	SPEC	9524680	N/A	2024/07/16	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9521533	2024/07/17	2024/07/17	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9524679	N/A	2024/07/17	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9521967	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9535842	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9535843	N/A	2024/07/22	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9535845	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9535846	N/A	2024/07/17	Andrew An
Silica (Reactive)	KONE	9528344	N/A	2024/07/18	Shanna McKort
Total Phosphorus Low Level Total	KONE	9518804	2024/07/15	2024/07/15	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9508891	N/A	2024/07/17	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9511776	N/A	2024/07/16	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9509770	N/A	2024/07/12	Jinal Chavda
pH	AT	9509781	2024/07/11	2024/07/12	Nachiketa Gohil
Orthophosphate	SKAL	9510201	N/A	2024/07/12	Alina Dobreanu
Redox Potential	COND	9510102	2024/07/11	2024/07/13	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9509609	N/A	2024/07/17	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9509419	N/A	2024/07/25	Automated Statchk
Total Dissolved Solids	BAL	9511073	2024/07/12	2024/07/15	Razieh Tabesh
Total Kjeldahl Nitrogen in Water	SKAL	9511336	2024/07/12	2024/07/16	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9512127	N/A	2024/07/14	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9510607	2024/07/12	2024/07/12	Tina Teng
Turbidity	AT	9509787	N/A	2024/07/12	Gurpartee KAU

Bureau Veritas ID: ZRU270

Sample ID: TB-01

Matrix: Water

Collected: 2024/07/05

Shipped:

Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9510080	N/A	2024/07/12	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9509236	N/A	2024/07/12	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9510187	N/A	2024/07/12	Alina Dobreanu
Conductivity	AT	9510081	N/A	2024/07/12	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9509968	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9510088	2024/07/11	2024/07/12	Nachiketa Gohil



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZRU270

Sample ID: TB-01

Matrix: Water

Collected: 2024/07/05

Shipped:

Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Mercury (low level)	CV/AA	9515375	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9514804	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9515803	2024/07/15	2024/07/17	Suban Kanapathippilai
Bromide in water by IC	IC/UV	9528342	N/A	2024/07/17	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9528343	N/A	2024/07/15	Adam Fishleigh
Cyanide (Free)	SPEC	9528345	N/A	2024/07/16	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9521533	2024/07/17	2024/07/17	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9524679	N/A	2024/07/17	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9521967	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9535842	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9535844	N/A	2024/07/23	Michelle Young
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9535845	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9535846	N/A	2024/07/17	Andrew An
Silica (Reactive)	KONE	9528344	N/A	2024/07/18	Shanna McKort
Total Phosphorus Low Level Total	KONE	9518804	2024/07/15	2024/07/15	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9508891	N/A	2024/07/17	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9511776	N/A	2024/07/16	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9509770	N/A	2024/07/12	Jinal Chavda
pH	AT	9509781	2024/07/11	2024/07/12	Nachiketa Gohil
Orthophosphate	SKAL	9510201	N/A	2024/07/12	Alina Dobreanu
Redox Potential	COND	9510102	2024/07/11	2024/07/13	Gurpartee KAUAR
Sodium Adsorption Ratio (SAR)	CALC/MET	9509609	N/A	2024/07/17	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9509419	N/A	2024/07/25	Automated Statchk
Total Dissolved Solids	BAL	9511073	2024/07/12	2024/07/15	Razieh Tabesh
Total Kjeldahl Nitrogen in Water	SKAL	9511336	2024/07/12	2024/07/16	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9512127	N/A	2024/07/14	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9510607	2024/07/12	2024/07/12	Tina Teng
Turbidity	AT	9509787	N/A	2024/07/12	Gurpartee KAUAR

Bureau Veritas ID: ZRU275

Sample ID: MW-IPD-01A

Matrix: Water

Collected: 2024/07/06

Shipped:

Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9510080	N/A	2024/07/12	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9509236	N/A	2024/07/12	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9510187	N/A	2024/07/12	Alina Dobreanu
Conductivity	AT	9510081	N/A	2024/07/12	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9509968	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9510088	2024/07/11	2024/07/12	Nachiketa Gohil
Dissolved Mercury in Water by CVAA	CV/AA	9516966	2024/07/16	2024/07/16	Aswathy Neduveli Suresh
Mercury in Water by CVAA	CV/AA	9516926	2024/07/16	2024/07/16	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9511852	2024/07/12	2024/07/15	Suban Kanapathippilai
Bromide in water by IC	IC/UV	9528342	N/A	2024/07/17	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9524676	N/A	2024/07/15	Adam Fishleigh
Cyanide (Free)	SPEC	9528345	N/A	2024/07/16	Amy Phan



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZRU275
Sample ID: MW-IPD-01A
Matrix: Water

Collected: 2024/07/06
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9521533	2024/07/17	2024/07/17	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9524679	N/A	2024/07/17	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9521967	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9535842	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9535843	N/A	2024/07/20	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9535845	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9535846	N/A	2024/07/17	Andrew An
Silica (Reactive)	KONE	9528344	N/A	2024/07/18	Shanna McKort
Total Phosphorus Low Level Total	KONE	9518804	2024/07/15	2024/07/15	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9508891	N/A	2024/07/17	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9509266	N/A	2024/07/17	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9511776	N/A	2024/07/16	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9509770	N/A	2024/07/12	Jinal Chavda
pH	AT	9509781	2024/07/11	2024/07/12	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Orthophosphate	SKAL	9510201	N/A	2024/07/12	Alina Dobreanu
Redox Potential	COND	9510102	2024/07/11	2024/07/13	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9509609	N/A	2024/07/16	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9509419	N/A	2024/07/25	Automated Statchk
Total Dissolved Solids	BAL	9511073	2024/07/12	2024/07/15	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Total Kjeldahl Nitrogen in Water	SKAL	9511336	2024/07/12	2024/07/17	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9512127	N/A	2024/07/14	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9508732	2024/07/11	2024/07/12	Razieh Tabesh
Turbidity	AT	9509787	N/A	2024/07/12	Gurpartee KAU
Un-ionized Ammonia (as N)	CALC	9508892	2024/07/17	2024/07/17	Automated Statchk

Bureau Veritas ID: ZRU275 Dup
Sample ID: MW-IPD-01A
Matrix: Water

Collected: 2024/07/06
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Kjeldahl Nitrogen in Water	SKAL	9511336	2024/07/12	2024/07/17	Rajni Tyagi

Bureau Veritas ID: ZRU276
Sample ID: MW-IPD-01B
Matrix: Water

Collected: 2024/07/06
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9510080	N/A	2024/07/12	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9509236	N/A	2024/07/12	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9510187	N/A	2024/07/12	Alina Dobreanu
Conductivity	AT	9510081	N/A	2024/07/12	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9509968	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9510088	2024/07/11	2024/07/12	Nachiketa Gohil
Dissolved Mercury in Water by CVAA	CV/AA	9516966	2024/07/16	2024/07/16	Aswathy Neduveli Suresh



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZRU276
Sample ID: MW-IPD-01B
Matrix: Water

Collected: 2024/07/06
Shipped:
Received: 2024/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Mercury in Water by CVAA	CV/AA	9516926	2024/07/16	2024/07/16	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9512208	2024/07/12	2024/07/15	Suban Kanapathippilai
Bromide in water by IC	IC/UV	9528342	N/A	2024/07/17	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9524676	N/A	2024/07/15	Adam Fishleigh
Cyanide (Free)	SPEC	9528345	N/A	2024/07/16	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9521533	2024/07/17	2024/07/17	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9524679	N/A	2024/07/17	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9517559	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9535842	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9535844	N/A	2024/07/23	Michelle Young
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9535845	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9535846	N/A	2024/07/17	Andrew An
Silica (Reactive)	KONE	9528344	N/A	2024/07/18	Shanna McKort
Total Phosphorus Low Level Total	KONE	9518804	2024/07/15	2024/07/16	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9508891	N/A	2024/07/17	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9509266	N/A	2024/07/17	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9511776	N/A	2024/07/16	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9509770	N/A	2024/07/12	Jinal Chavda
pH	AT	9509781	2024/07/11	2024/07/12	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Orthophosphate	SKAL	9510201	N/A	2024/07/12	Alina Dobreanu
Redox Potential	COND	9510102	2024/07/11	2024/07/13	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9509609	N/A	2024/07/16	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9509419	N/A	2024/07/25	Automated Statchk
Total Dissolved Solids	BAL	9513595	2024/07/13	2024/07/15	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/11	Greeshma Maliyakkal Joseph
Total Kjeldahl Nitrogen in Water	SKAL	9511222	2024/07/12	2024/07/15	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9511321	N/A	2024/07/13	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9510607	2024/07/12	2024/07/12	Tina Teng
Turbidity	AT	9509787	N/A	2024/07/12	Gurparteek KAUR
Un-ionized Ammonia (as N)	CALC	9508892	2024/07/17	2024/07/17	Automated Statchk



GENERAL COMMENTS

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

Package 1	15.7°C
Package 2	14.0°C

Sample ZRU261 [MW-IPD-09a] : Total Phosphorus < ortho-Phosphate: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample ZRU262 [MW-IPD-09b] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample ZRU263 [FB-01] : SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected.

Sample ZRU270 [TB-01] : SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected.

Sample ZRU261, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample ZRU270, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample ZRU276, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.

BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9508732	Total Suspended Solids	2024/07/12			97	80 - 120	<1	mg/L	13	20		
9509770	Nitrate (N)	2024/07/12	98	80 - 120	98	80 - 120	<0.10	mg/L	NC	20		
9509770	Nitrite (N)	2024/07/12	104	80 - 120	101	80 - 120	<0.010	mg/L	NC	20		
9509781	pH	2024/07/12			102	98 - 103			0.058	N/A		
9509787	Turbidity	2024/07/12			94	80 - 120	<0.1	NTU	13	20		
9509968	Dissolved Organic Carbon	2024/07/12	96	80 - 120	97	80 - 120	<0.40	mg/L	2.6	20		
9510080	Alkalinity (Total as CaCO3)	2024/07/12			97	85 - 115	<1.0	mg/L	1.5	20		
9510081	Conductivity	2024/07/12			99	85 - 115	<1.0	umho/cm	0.42	10		
9510088	Fluoride (F-)	2024/07/12	91	80 - 120	95	80 - 120	<0.10	mg/L	3.8	20		
9510102	Redox Potential	2024/07/13			102	80 - 120			2.1	20		
9510187	Dissolved Chloride (Cl-)	2024/07/12	NC	80 - 120	96	80 - 120	<1.0	mg/L	0.087	20		
9510201	Orthophosphate (P)	2024/07/12	NC	75 - 125	93	80 - 120	<0.010	mg/L	0.42	20		
9510607	Total Suspended Solids	2024/07/12			97	80 - 120	<1	mg/L	16	20		
9511073	Total Dissolved Solids	2024/07/15			100	80 - 120	<10	mg/L	2.8	20		
9511222	Total Kjeldahl Nitrogen (TKN)	2024/07/15	104	80 - 120	98	80 - 120	<0.10	mg/L	6.1	20	98	80 - 120
9511321	Total Organic Carbon (TOC)	2024/07/13	89	80 - 120	99	80 - 120	<0.40	mg/L	1.7	20		
9511336	Total Kjeldahl Nitrogen (TKN)	2024/07/17	NC	80 - 120	100	80 - 120	<0.10	mg/L	1.5	20	102	80 - 120
9511490	Total Suspended Solids	2024/07/15			101	80 - 120	<1	mg/L	5.7	20		
9511776	Total Ammonia-N	2024/07/16	95	75 - 125	105	80 - 120	<0.050	mg/L	NC	20		
9511852	Dissolved Calcium (Ca)	2024/07/15	NC	80 - 120	98	80 - 120	<0.05	mg/L	0.65	20		
9511852	Dissolved Magnesium (Mg)	2024/07/15	NC	80 - 120	99	80 - 120	<0.05	mg/L	0.40	20		
9511852	Dissolved Potassium (K)	2024/07/15	97	80 - 120	99	80 - 120	<1	mg/L	0.84	20		
9511852	Dissolved Sodium (Na)	2024/07/15	NC	80 - 120	98	80 - 120	<0.5	mg/L	0.14	20		
9512127	Total Organic Carbon (TOC)	2024/07/14	88	80 - 120	93	80 - 120	<0.40	mg/L	0.15	20		
9512208	Dissolved Calcium (Ca)	2024/07/15	NC	80 - 120	97	80 - 120	<0.05	mg/L	0.66	20		
9512208	Dissolved Magnesium (Mg)	2024/07/15	NC	80 - 120	99	80 - 120	<0.05	mg/L	0.21	20		
9512208	Dissolved Potassium (K)	2024/07/15	98	80 - 120	98	80 - 120	<1	mg/L	NC	20		
9512208	Dissolved Sodium (Na)	2024/07/15	NC	80 - 120	97	80 - 120	<0.5	mg/L	0.13	20		
9513595	Total Dissolved Solids	2024/07/15			98	80 - 120	<10	mg/L	13	20		
9514554	Mercury (Hg)	2024/07/15	92	75 - 125	92	80 - 120	<0.00001	mg/L	NC	20		
9514767	Dissolved Mercury (Hg)	2024/07/15	94	75 - 125	96	80 - 120	<0.00001	mg/L	NC	20		

BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9514804	Mercury (Hg)	2024/07/15	92	75 - 125	92	80 - 120	<0.00001	mg/L	NC	20		
9515279	Dissolved Mercury (Hg)	2024/07/15	94	75 - 125	96	80 - 120	<0.00001	mg/L	NC	20		
9515375	Dissolved Mercury (Hg)	2024/07/15	92	75 - 125	95	80 - 120	<0.00001	mg/L	0.95	20		
9515803	Dissolved Calcium (Ca)	2024/07/17	NC	80 - 120	99	80 - 120	<0.05	mg/L	2.7	20		
9515803	Dissolved Magnesium (Mg)	2024/07/17	NC	80 - 120	100	80 - 120	<0.05	mg/L	2.8	20		
9515803	Dissolved Potassium (K)	2024/07/17	NC	80 - 120	99	80 - 120	<1	mg/L	3.3	20		
9515803	Dissolved Sodium (Na)	2024/07/17	NC	80 - 120	99	80 - 120	<0.5	mg/L	2.4	20		
9516926	Mercury (Hg)	2024/07/16	95	75 - 125	94	80 - 120	<0.00010	mg/L	NC	20		
9516966	Dissolved Mercury (Hg)	2024/07/16	92	75 - 125	91	80 - 120	<0.00010	mg/L	NC	20		
9518804	Total Phosphorus (P)	2024/07/15	131 (1)	80 - 120	94	80 - 120	<0.0010	mg/L			86	N/A
9521533	Strong Acid Dissoc. Cyanide (CN)	2024/07/17	96	80 - 120	100	80 - 120	<0.00050	mg/L	NC	20		
9524676	Dissolved Sulphate (SO4)	2024/07/15	83	80 - 120	103	80 - 120	<0.50	mg/L				
9524679	Weak Acid Dissoc. Cyanide (CN)	2024/07/17	97	80 - 120	99	80 - 120	<0.00050	mg/L	NC	20		
9524680	Free Cyanide (CN)	2024/07/16	87	80 - 120	93	80 - 120	<2.0	ug/L				
9528342	Dissolved Bromide (Br-)	2024/07/17	NC	80 - 120	103	80 - 120	<0.010	mg/L				
9528343	Dissolved Sulphate (SO4)	2024/07/15	NC	80 - 120	101	80 - 120	<0.50	mg/L				
9528344	Reactive Silica (SiO2)	2024/07/18	103	80 - 120	107	80 - 120	<0.050	mg/L	NC	20		
9528345	Free Cyanide (CN)	2024/07/16	93	80 - 120	96	80 - 120	<2.0	ug/L				
9535843	Dissolved Aluminum (Al)	2024/07/20	94	80 - 120	103	80 - 120	<0.50	ug/L				
9535843	Dissolved Antimony (Sb)	2024/07/20	NC	80 - 120	101	80 - 120	<0.020	ug/L				
9535843	Dissolved Arsenic (As)	2024/07/20	NC	80 - 120	100	80 - 120	<0.020	ug/L				
9535843	Dissolved Barium (Ba)	2024/07/20	NC	80 - 120	99	80 - 120	<0.020	ug/L				
9535843	Dissolved Beryllium (Be)	2024/07/20	92	80 - 120	103	80 - 120	<0.010	ug/L				
9535843	Dissolved Bismuth (Bi)	2024/07/20	87	80 - 120	100	80 - 120	<0.0050	ug/L				
9535843	Dissolved Boron (B)	2024/07/20	106	80 - 120	111	80 - 120	<10	ug/L				
9535843	Dissolved Cadmium (Cd)	2024/07/20	90	80 - 120	100	80 - 120	<0.0050	ug/L				
9535843	Dissolved Chromium (Cr)	2024/07/20	85	80 - 120	96	80 - 120	<0.10	ug/L				
9535843	Dissolved Copper (Cu)	2024/07/20	NC	80 - 120	93	80 - 120	<0.050	ug/L				
9535843	Dissolved Iron (Fe)	2024/07/20	95	80 - 120	101	80 - 120	<1.0	ug/L				
9535843	Dissolved Lead (Pb)	2024/07/20	86	80 - 120	100	80 - 120	<0.0050	ug/L				
9535843	Dissolved Lithium (Li)	2024/07/20	94	80 - 120	107	80 - 120	<0.50	ug/L				
9535843	Dissolved Manganese (Mn)	2024/07/20	NC	80 - 120	100	80 - 120	<0.050	ug/L				

BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9535843	Dissolved Molybdenum (Mo)	2024/07/20	NC	80 - 120	105	80 - 120	<0.050	ug/L				
9535843	Dissolved Nickel (Ni)	2024/07/20	NC	80 - 120	98	80 - 120	<0.020	ug/L				
9535843	Dissolved Selenium (Se)	2024/07/20	NC	80 - 120	100	80 - 120	<0.040	ug/L				
9535843	Dissolved Silver (Ag)	2024/07/20	88	80 - 120	98	80 - 120	<0.0050	ug/L				
9535843	Dissolved Strontium (Sr)	2024/07/20	NC	80 - 120	102	80 - 120	<0.050	ug/L				
9535843	Dissolved Thallium (Tl)	2024/07/20	94	80 - 120	101	80 - 120	<0.0020	ug/L				
9535843	Dissolved Tin (Sn)	2024/07/20	95	80 - 120	101	80 - 120	<0.20	ug/L				
9535843	Dissolved Titanium (Ti)	2024/07/20	91	80 - 120	99	80 - 120	<0.50	ug/L				
9535843	Dissolved Uranium (U)	2024/07/20	92	80 - 120	106	80 - 120	<0.0020	ug/L				
9535843	Dissolved Vanadium (V)	2024/07/20	90	80 - 120	99	80 - 120	<0.20	ug/L				
9535843	Dissolved Zinc (Zn)	2024/07/20	82	80 - 120	101	80 - 120	<0.10	ug/L				
9535844	Dissolved Aluminum (Al)	2024/07/23			103	80 - 120	<0.50	ug/L				
9535844	Dissolved Barium (Ba)	2024/07/23			100	80 - 120	<0.020	ug/L				
9535844	Dissolved Copper (Cu)	2024/07/23			98	80 - 120	<0.050	ug/L				
9535844	Dissolved Lead (Pb)	2024/07/23			101	80 - 120	<0.0050	ug/L				
9535844	Dissolved Nickel (Ni)	2024/07/23			99	80 - 120	<0.020	ug/L				
9535844	Dissolved Zinc (Zn)	2024/07/23			101	80 - 120	<0.10	ug/L				
9535846	Total Aluminum (Al)	2024/07/17	92	80 - 120	95	80 - 120	<0.50	ug/L				
9535846	Total Antimony (Sb)	2024/07/17	99	80 - 120	101	80 - 120	<0.020	ug/L				
9535846	Total Arsenic (As)	2024/07/17	101	80 - 120	102	80 - 120	<0.020	ug/L				
9535846	Total Barium (Ba)	2024/07/17	98	80 - 120	100	80 - 120	<0.020	ug/L				
9535846	Total Beryllium (Be)	2024/07/17	96	80 - 120	98	80 - 120	<0.010	ug/L				
9535846	Total Bismuth (Bi)	2024/07/17	93	80 - 120	100	80 - 120	<0.0050	ug/L				
9535846	Total Boron (B)	2024/07/17	89	80 - 120	90	80 - 120	<10	ug/L				
9535846	Total Cadmium (Cd)	2024/07/17	101	80 - 120	102	80 - 120	<0.0050	ug/L				
9535846	Total Chromium (Cr)	2024/07/17	92	80 - 120	94	80 - 120	<0.10	ug/L				
9535846	Total Copper (Cu)	2024/07/17	94	80 - 120	97	80 - 120	<0.050	ug/L				
9535846	Total Iron (Fe)	2024/07/17	99	80 - 120	101	80 - 120	<1.0	ug/L				
9535846	Total Lead (Pb)	2024/07/17	92	80 - 120	101	80 - 120	<0.0050	ug/L				
9535846	Total Lithium (Li)	2024/07/17	87	80 - 120	90	80 - 120	<0.50	ug/L				
9535846	Total Manganese (Mn)	2024/07/17	95	80 - 120	98	80 - 120	<0.050	ug/L				
9535846	Total Molybdenum (Mo)	2024/07/17	103	80 - 120	105	80 - 120	<0.050	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9535846	Total Nickel (Ni)	2024/07/17	96	80 - 120	99	80 - 120	<0.020	ug/L				
9535846	Total Selenium (Se)	2024/07/17	100	80 - 120	100	80 - 120	<0.040	ug/L				
9535846	Total Silver (Ag)	2024/07/17	99	80 - 120	101	80 - 120	<0.0050	ug/L				
9535846	Total Strontium (Sr)	2024/07/17	94	80 - 120	95	80 - 120	<0.050	ug/L				
9535846	Total Thallium (Tl)	2024/07/17	95	80 - 120	100	80 - 120	<0.0020	ug/L				
9535846	Total Tin (Sn)	2024/07/17	102	80 - 120	105	80 - 120	<0.20	ug/L				
9535846	Total Titanium (Ti)	2024/07/17	99	80 - 120	101	80 - 120	<0.50	ug/L				
9535846	Total Uranium (U)	2024/07/17	96	80 - 120	102	80 - 120	<0.0020	ug/L				
9535846	Total Vanadium (V)	2024/07/17	93	80 - 120	97	80 - 120	<0.20	ug/L				
9535846	Total Zinc (Zn)	2024/07/17	100	80 - 120	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 $\leq 2 \times \text{RDL}$).

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



BUREAU
VERITAS

Bureau Veritas Job #: C4L1589

Report Date: 2024/07/25

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

Cristina Carriere, Senior Scientific Specialist

David Huang, BBY Scientific Specialist

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

Mauro Oselin, Technician

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 #: C4L1589
Report Date: 2024/07/25

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

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.						

APPENDIX C-II ANALYTICAL REPORT NO. R8265135

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-07	MW-IPD-07A	ZRZ222
	MW-IPD-07B	ZRZ223



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 926549

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/08/06
Report #: R8265135
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L2571

Received: 2024/07/11, 10:30

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	2	N/A	2024/07/13	CAM SOP-00448	SM 24 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	2	N/A	2024/07/15	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	2	N/A	2024/07/15	CAM SOP-00463	SM 24 4500-Cl E m
Conductivity (1)	2	N/A	2024/07/13	CAM SOP-00414	SM 24 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	2	N/A	2024/07/12	CAM SOP-00446	SM 24 5310 B m
Fluoride (1)	2	2024/07/13	2024/07/13	CAM SOP-00449	SM 24 4500-F C m
Dissolved Mercury (low level) (1)	1	2024/07/15	2024/07/15	CAM SOP-00453	EPA 7470 m
Dissolved Mercury (low level) (1)	1	2024/07/17	2024/07/17	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	2	2024/07/17	2024/07/17	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	2	2024/07/16	2024/07/17	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	1	N/A	2024/07/27	AB SOP-00052	SM 24 4110 B m
Bromide in water by IC (2)	1	N/A	2024/08/01	AB SOP-00052	SM 24 4110 B m
Low Level Chloride and Sulphate by AC (2)	2	N/A	2024/07/16	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (Free) (2)	2	N/A	2024/07/18	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	2	2024/07/22	2024/07/22	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	2	N/A	2024/07/22	CAL SOP-00270	SM 24 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	2	N/A	2024/07/18	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	2	N/A	2024/07/18	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3, 6)	2	N/A	2024/07/17	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	2	N/A	2024/07/18	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	2	N/A	2024/07/18	BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (2)	2	N/A	2024/07/18	AB SOP-00011	EPA 370.1 R1978 m
Total Phosphorus Low Level Total (2)	2	2024/07/20	2024/07/22	AB SOP-00024	SM 24 4500-P A,B,F m
Total Ammonia (as NH3) (1)	2	N/A	2024/07/18	Auto Calc.	
Ammonium as NH4+ (1)	2	N/A	2024/07/18		
Total Ammonia-N (1)	2	N/A	2024/07/18	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 7)	2	N/A	2024/07/13	CAM SOP-00440	SM 24 4500-NO3I/NO2B
pH (1, 8)	2	2024/07/13	2024/07/13	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (1, 9)	2	N/A	2024/07/12		Field pH Meter
Orthophosphate (1)	2	N/A	2024/07/15	CAM SOP-00461	SM 24 4500-P E
Redox Potential (1, 10)	2	2024/07/13	2024/07/15	CAM SOP-00421	SM 24 2580 B



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 926549

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/08/06
Report #: R8265135
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L2571

Received: 2024/07/11, 10:30

Sample Matrix: Water
Samples Received: 2

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Sodium Adsorption Ratio (SAR) (1)	2	N/A	2024/07/17	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (TDS calc) (1)	2	N/A	2024/08/06		Auto Calc
Total Dissolved Solids (1)	1	2024/07/13	2024/07/15	CAM SOP-00428	SM 24 2540C m
Total Dissolved Solids (1)	1	2024/07/15	2024/07/16	CAM SOP-00428	SM 24 2540C m
Field Temperature (1, 9)	2	N/A	2024/07/12		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	2	2024/07/17	2024/07/17	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 11)	2	N/A	2024/07/17	CAM SOP-00446	SM 24 5310B m
Low Level Total Suspended Solids (1)	2	2024/07/13	2024/07/15	CAM SOP-00428	SM 24 2540D m
Turbidity (1)	2	N/A	2024/07/13	CAM SOP-00417	SM 24 2130 B
Un-ionized Ammonia (as N) (1, 12)	2	2024/07/12	2024/07/18	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, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bureau Veritas Mississauga, 6740 Campobello Rd , Mississauga, ON, L5N 2L8



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 926549

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/08/06
Report #: R8265135
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L2571

Received: 2024/07/11, 10:30

- (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) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(7) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
(8) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."
(9) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
(10) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
(11) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
(12) 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 #: C4L2571

Report Date: 2024/08/06

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRZ222			ZRZ222			ZRZ223		
Sampling Date		2024/07/08 15:15			2024/07/08 15:15			2024/07/08 15:15		
COC Number		926549			926549			926549		
	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 NH ₃)	mg/L	0.089	0.061	9511919				0.092	0.061	9511919
Ammonium (NH ₄)	mg/L	0.071	0.015	9511920				0.074	0.015	9511920
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	100	1.0	9511009				100	1.0	9511009
Calculated TDS	mg/L	160	1.0	9511922				160	1.0	9511922
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	1.3	1.0	9511009				1.8	1.0	9511009
Sodium Adsorption Ratio	N/A	1.3		9511921				1.3		9511921

CONVENTIONALS

Redox Potential	mV	180	N/A	9512650				190	N/A	9512650
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Field Measurements

Field Temperature	Celsius	20.65	N/A	ONSITE				20.65	N/A	ONSITE
Field Measured pH	pH	8.89		ONSITE				8.89		ONSITE

Inorganics

Total Ammonia-N	mg/L	0.073	0.050	9517208				0.076	0.050	9517208
Dissolved Bromide (Br ⁻)	mg/L	0.11	0.010	9553532				0.095	0.010	9553533
Conductivity	umho/cm	280	1.0	9513341	290	1.0	9513341	280	1.0	9513341
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	9533024				<2.0 (1)	2.0	9533024
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050 (2)	0.00050	9553530				<0.00050 (2)	0.00050	9553530
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.00060	0.00050	9553531				0.00054	0.00050	9553531
Total Dissolved Solids	mg/L	170	10	9513595				175	10	9513779
Fluoride (F ⁻)	mg/L	1.1	0.10	9513342	1.1	0.10	9513342	1.1	0.10	9513342
Total Kjeldahl Nitrogen (TKN)	mg/L	0.21	0.10	9519958				0.19	0.10	9519958
Dissolved Organic Carbon	mg/L	1.1	0.40	9512341				1.1	0.40	9512341
Total Organic Carbon (TOC)	mg/L	1.1	0.40	9517403				1.1	0.40	9517403
Orthophosphate (P)	mg/L	0.025	0.010	9513397	0.026	0.010	9513397	0.023	0.010	9513397
pH	pH	8.14		9513343	8.24		9513343	8.27		9513343
Total Phosphorus (P)	mg/L	0.027	0.0010	9538392				0.027	0.0010	9538392
Reactive Silica (SiO ₂)	mg/L	7.9	0.050	9553529				7.4	0.050	9553529

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.

(2) SAD Cyanide < WAD Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent.



BUREAU
VERITAS

Bureau Veritas Job #: C4L2571
Report Date: 2024/08/06

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: GS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRZ222			ZRZ222			ZRZ223		
Sampling Date		2024/07/08 15:15			2024/07/08 15:15			2024/07/08 15:15		
COC Number		926549			926549			926549		
	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	9513585				<1	1	9513585
Turbidity	NTU	0.4	0.1	9513322				0.3	0.1	9513322
Alkalinity (Total as CaCO ₃)	mg/L	100	1.0	9513329	100	1.0	9513329	100	1.0	9513329
Dissolved Chloride (Cl ⁻)	mg/L	7.5	1.0	9513384	7.4	1.0	9513384	7.7	1.0	9513384
Nitrite (N)	mg/L	<0.010	0.010	9513316				<0.010	0.010	9513316
Nitrate (N)	mg/L	<0.10	0.10	9513316				<0.10	0.10	9513316
Dissolved Sulphate (SO ₄)	mg/L	26	0.50	9529702				26	0.50	9529702
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9513316				<0.10	0.10	9513316
Un-ionized Ammonia (as N)	mg/L	0.018	0.012	9511923				0.018	0.012	9511923
Metals										
Dissolved Aluminum (Al)	ug/L	3.39	0.50	9530976				44.8	0.50	9543981
Total Aluminum (Al)	ug/L	3.32	0.50	9530980				6.06	0.50	9530980
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9530976				<0.020	0.020	9530976
Total Antimony (Sb)	ug/L	<0.020	0.020	9530980				<0.020	0.020	9530980
Dissolved Arsenic (As)	ug/L	6.56	0.020	9530976				6.50	0.020	9530976
Total Arsenic (As)	ug/L	6.43	0.020	9530980				6.56	0.020	9530980
Dissolved Barium (Ba)	ug/L	10.3	0.020	9530976				10.5	0.020	9530976
Total Barium (Ba)	ug/L	10.3	0.020	9530980				10.3	0.020	9530980
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9530976				<0.010	0.010	9530976
Total Beryllium (Be)	ug/L	<0.010	0.010	9530980				<0.010	0.010	9530980
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9530976				<0.0050	0.0050	9530976
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9530980				<0.0050	0.0050	9530980
Dissolved Boron (B)	ug/L	238	10	9530976				245	10	9530976
Total Boron (B)	ug/L	274	10	9530980				271	10	9530980
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9530976				<0.0050	0.0050	9530976
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9530980				<0.0050	0.0050	9530980
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	9530976				0.63	0.10	9543981
Total Chromium (Cr)	ug/L	<0.10	0.10	9530980				0.11	0.10	9530980
Dissolved Copper (Cu)	ug/L	<0.050	0.050	9530976				0.429	0.050	9543981
Total Copper (Cu)	ug/L	<0.050	0.050	9530980				<0.050	0.050	9530980
Dissolved Iron (Fe)	ug/L	63.0	1.0	9530976				98.6	1.0	9530976
Total Iron (Fe)	ug/L	85.1	1.0	9530980				85.6	1.0	9530980
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L2571
Report Date: 2024/08/06

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: GS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRZ222			ZRZ222			ZRZ223		
Sampling Date		2024/07/08 15:15			2024/07/08 15:15			2024/07/08 15:15		
COC Number		926549			926549			926549		
	UNITS	MW-IPD-07A	RDL	QC Batch	MW-IPD-07A Lab-Dup	RDL	QC Batch	MW-IPD-07B	RDL	QC Batch
Dissolved Lead (Pb)	ug/L	0.0108	0.0050	9530976				0.137	0.0050	9543981
Total Lead (Pb)	ug/L	0.0080	0.0050	9530980				0.0187	0.0050	9530980
Dissolved Lithium (Li)	ug/L	4.75	0.50	9530976				5.03	0.50	9530976
Total Lithium (Li)	ug/L	5.40	0.50	9530980				5.22	0.50	9530980
Dissolved Manganese (Mn)	ug/L	45.1	0.050	9530976				46.8	0.050	9530976
Total Manganese (Mn)	ug/L	48.4	0.050	9530980				46.7	0.050	9530980
Dissolved Molybdenum (Mo)	ug/L	7.44	0.050	9530976				7.40	0.050	9530976
Total Molybdenum (Mo)	ug/L	7.29	0.050	9530980				7.40	0.050	9530980
Dissolved Nickel (Ni)	ug/L	0.253	0.020	9543981				0.540	0.020	9543981
Total Nickel (Ni)	ug/L	0.132	0.020	9530980				0.134	0.020	9530980
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9543981				<0.040	0.040	9543981
Total Selenium (Se)	ug/L	0.934	0.040	9530980				<0.040	0.040	9530980
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9530976				<0.0050	0.0050	9530976
Total Silver (Ag)	ug/L	<0.0050	0.0050	9530980				<0.0050	0.0050	9530980
Dissolved Strontium (Sr)	ug/L	166	0.050	9530976				165	0.050	9530976
Total Strontium (Sr)	ug/L	174	0.050	9530980				176	0.050	9530980
Dissolved Thallium (Tl)	ug/L	0.0056	0.0020	9530976				0.0022	0.0020	9530976
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9530980				<0.0020	0.0020	9530980
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9530976				<0.20	0.20	9530976
Total Tin (Sn)	ug/L	<0.20	0.20	9530980				<0.20	0.20	9530980
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9530976				0.63	0.50	9530976
Total Titanium (Ti)	ug/L	<0.50	0.50	9530980				<0.50	0.50	9530980
Dissolved Uranium (U)	ug/L	0.205	0.0020	9530976				0.213	0.0020	9530976
Total Uranium (U)	ug/L	0.207	0.0020	9530980				0.208	0.0020	9530980
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9530976				0.40	0.20	9530976
Total Vanadium (V)	ug/L	<0.20	0.20	9530980				<0.20	0.20	9530980
Dissolved Zinc (Zn)	ug/L	0.34	0.10	9530976				5.58	0.10	9543981
Total Zinc (Zn)	ug/L	0.24	0.10	9530980				0.26	0.10	9530980
Dissolved Calcium (Ca)	mg/L	15.5	0.050	9530975				15.7	0.050	9530975
Total Calcium (Ca)	mg/L	17.6	0.050	9530977				17.0	0.050	9530977
Dissolved Magnesium (Mg)	mg/L	8.86	0.050	9530975				8.73	0.050	9530975
Total Magnesium (Mg)	mg/L	9.01	0.050	9530977				8.81	0.050	9530977
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZRZ222			ZRZ222			ZRZ223		
Sampling Date		2024/07/08 15:15			2024/07/08 15:15			2024/07/08 15:15		
COC Number		926549			926549			926549		
	UNITS	MW-IPD-07A	RDL	QC Batch	MW-IPD-07A Lab-Dup	RDL	QC Batch	MW-IPD-07B	RDL	QC Batch
Dissolved Potassium (K)	mg/L	1.99	0.050	9530975				2.02	0.050	9530975
Total Potassium (K)	mg/L	2.04	0.050	9530977				1.95	0.050	9530977
Dissolved Sodium (Na)	mg/L	25.3	0.050	9530975				25.5	0.050	9530975
Total Sodium (Na)	mg/L	25.2	0.050	9530977				24.3	0.050	9530977

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

Bureau Veritas ID		ZRZ223		
Sampling Date		2024/07/08 15:15		
COC Number		926549		
	UNITS	MW-IPD-07B Lab-Dup	RDL	QC Batch

Inorganics				
Total Dissolved Solids	mg/L	160	10	9513779
Total Kjeldahl Nitrogen (TKN)	mg/L	0.21	0.10	9519958
Nitrite (N)	mg/L	<0.010	0.010	9513316
Nitrate (N)	mg/L	<0.10	0.10	9513316
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9513316

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate



BUREAU
VERITAS

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ZRZ222			ZRZ222			ZRZ223		
Sampling Date		2024/07/08 15:15			2024/07/08 15:15			2024/07/08 15:15		
COC Number		926549			926549			926549		
	UNITS	MW-IPD-07A	RDL	QC Batch	MW-IPD-07A Lab-Dup	RDL	QC Batch	MW-IPD-07B	RDL	QC Batch

Calculated Parameters

Total Hardness (CaCO3)	mg/L	81.0	0.50	9526639				78.9	0.50	9526639
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Metals

Dissolved Calcium (Ca)	mg/L	19	0.05	9518048				19	0.05	9518048
Dissolved Magnesium (Mg)	mg/L	10	0.05	9518048				10	0.05	9518048
Mercury (Hg)	mg/L	<0.00001	0.00001	9520556	<0.00001	0.00001	9520556	<0.00001	0.00001	9520556
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	9519942				<0.00001	0.00001	9515375
Dissolved Potassium (K)	mg/L	2	1	9518048				2	1	9518048
Dissolved Sodium (Na)	mg/L	28	0.5	9518048				28	0.5	9518048

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

TEST SUMMARY

Bureau Veritas ID: ZR222
Sample ID: MW-IPD-07A
Matrix: Water

Collected: 2024/07/08
Shipped:
Received: 2024/07/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9513329	N/A	2024/07/13	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9511009	N/A	2024/07/15	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9513384	N/A	2024/07/15	Massarat Jan
Conductivity	AT	9513341	N/A	2024/07/13	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9512341	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9513342	2024/07/13	2024/07/13	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9519942	2024/07/17	2024/07/17	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9520556	2024/07/17	2024/07/17	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9518048	2024/07/16	2024/07/17	Suban Kanapathipplai
Bromide in water by IC	IC/UV	9553532	N/A	2024/08/01	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9529702	N/A	2024/07/16	Tyler Orr
Cyanide (Free)	SPEC	9533024	N/A	2024/07/18	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9553530	2024/07/22	2024/07/22	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9553531	N/A	2024/07/22	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9526639	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9530975	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9530976	N/A	2024/07/17	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9530977	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9530980	N/A	2024/07/18	Andrew An
Silica (Reactive)	KONE	9553529	N/A	2024/07/18	Hirushi Kanewala-Appuhamilage
Total Phosphorus Low Level Total	KONE	9538392	2024/07/20	2024/07/22	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9511919	N/A	2024/07/18	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9511920	N/A	2024/07/18	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9517208	N/A	2024/07/18	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9513316	N/A	2024/07/13	Jinal Chavda
pH	AT	9513343	2024/07/13	2024/07/13	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/12	Viyushti Patel
Orthophosphate	SKAL	9513397	N/A	2024/07/15	Massarat Jan
Redox Potential	COND	9512650	2024/07/13	2024/07/15	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9511921	N/A	2024/07/17	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9511922	N/A	2024/08/06	Automated Statchk
Total Dissolved Solids	BAL	9513595	2024/07/13	2024/07/15	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/12	Viyushti Patel
Total Kjeldahl Nitrogen in Water	SKAL	9519958	2024/07/17	2024/07/17	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9517403	N/A	2024/07/17	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9513585	2024/07/13	2024/07/15	Razieh Tabesh
Turbidity	AT	9513322	N/A	2024/07/13	Gurpartee KAU
Un-ionized Ammonia (as N)	CALC	9511923	2024/07/18	2024/07/18	Automated Statchk

Bureau Veritas ID: ZR222 Dup
Sample ID: MW-IPD-07A
Matrix: Water

Collected: 2024/07/08
Shipped:
Received: 2024/07/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9513329	N/A	2024/07/13	Nachiketa Gohil
Chloride by Automated Colourimetry	SKAL	9513384	N/A	2024/07/15	Massarat Jan



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

TEST SUMMARY

Bureau Veritas ID: ZR2222 Dup
Sample ID: MW-IPD-07A
Matrix: Water

Collected: 2024/07/08
Shipped:
Received: 2024/07/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	9513341	N/A	2024/07/13	Nachiketa Gohil
Fluoride	ISE	9513342	2024/07/13	2024/07/13	Nachiketa Gohil
Mercury (low level)	CV/AA	9520556	2024/07/17	2024/07/17	Aswathy Neduveli Suresh
pH	AT	9513343	2024/07/13	2024/07/13	Nachiketa Gohil
Orthophosphate	SKAL	9513397	N/A	2024/07/15	Massarat Jan

Bureau Veritas ID: ZR2223
Sample ID: MW-IPD-07B
Matrix: Water

Collected: 2024/07/08
Shipped:
Received: 2024/07/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9513329	N/A	2024/07/13	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9511009	N/A	2024/07/15	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9513384	N/A	2024/07/15	Massarat Jan
Conductivity	AT	9513341	N/A	2024/07/13	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9512341	N/A	2024/07/12	Gyulshen Idriz
Fluoride	ISE	9513342	2024/07/13	2024/07/13	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9515375	2024/07/15	2024/07/15	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9520556	2024/07/17	2024/07/17	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9518048	2024/07/16	2024/07/17	Suban Kanapathippilai
Bromide in water by IC	IC/UV	9553533	N/A	2024/07/27	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9529702	N/A	2024/07/16	Tyler Orr
Cyanide (Free)	SPEC	9533024	N/A	2024/07/18	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9553530	2024/07/22	2024/07/22	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9553531	N/A	2024/07/22	Ye Hyun KIM
Hardness Total (calculated as CaCO3)	CALC	9526639	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9530975	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9543981	N/A	2024/07/26	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9530977	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9530980	N/A	2024/07/18	Andrew An
Silica (Reactive)	KONE	9553529	N/A	2024/07/18	Hirushi Kanewala-Appuhamilage
Total Phosphorus Low Level Total	KONE	9538392	2024/07/20	2024/07/22	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	9511919	N/A	2024/07/18	Automated Statchk
Ammonium as NH4+	CALC/NH3	9511920	N/A	2024/07/18	Automated Statchk
Total Ammonia-N	SKAL/NH4	9517208	N/A	2024/07/18	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9513316	N/A	2024/07/13	Jinal Chavda
pH	AT	9513343	2024/07/13	2024/07/13	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/12	Viyushti Patel
Orthophosphate	SKAL	9513397	N/A	2024/07/15	Massarat Jan
Redox Potential	COND	9512650	2024/07/13	2024/07/15	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9511921	N/A	2024/07/17	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9511922	N/A	2024/08/06	Automated Statchk
Total Dissolved Solids	BAL	9513779	2024/07/15	2024/07/16	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/12	Viyushti Patel
Total Kjeldahl Nitrogen in Water	SKAL	9519958	2024/07/17	2024/07/17	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9517403	N/A	2024/07/17	Gyulshen Idriz



BUREAU
VERITAS

Bureau Veritas Job #: C4L2571
Report Date: 2024/08/06

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: GS

TEST SUMMARY

Bureau Veritas ID: ZRZ223
Sample ID: MW-IPD-07B
Matrix: Water

Collected: 2024/07/08
Shipped:
Received: 2024/07/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Low Level Total Suspended Solids	BAL	9513585	2024/07/13	2024/07/15	Razieh Tabesh
Turbidity	AT	9513322	N/A	2024/07/13	Gurpartee K AUR
Un-ionized Ammonia (as N)	CALC	9511923	2024/07/18	2024/07/18	Automated Statchk

Bureau Veritas ID: ZRZ223 Dup
Sample ID: MW-IPD-07B
Matrix: Water

Collected: 2024/07/08
Shipped:
Received: 2024/07/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Nitrate & Nitrite as Nitrogen in Water	LACH	9513316	N/A	2024/07/13	Jinal Chavda
Total Dissolved Solids	BAL	9513779	2024/07/15	2024/07/16	Razieh Tabesh
Total Kjeldahl Nitrogen in Water	SKAL	9519958	2024/07/17	2024/07/17	Rajni Tyagi



GENERAL COMMENTS

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

Package 1	14.3°C
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Sample ZRZ222, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample ZRZ223, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.

BUREAU
VERITAS

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

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
9512341	Dissolved Organic Carbon	2024/07/12	95	80 - 120	97	80 - 120	<0.40	mg/L	4.6	20		
9512650	Redox Potential	2024/07/15			102	80 - 120			2.8	20		
9513316	Nitrate (N)	2024/07/13	105	80 - 120	102	80 - 120	<0.10	mg/L	NC	20		
9513316	Nitrite (N)	2024/07/13	106	80 - 120	102	80 - 120	<0.010	mg/L	NC	20		
9513322	Turbidity	2024/07/13			99	80 - 120	<0.1	NTU	NC	20		
9513329	Alkalinity (Total as CaCO3)	2024/07/13			96	85 - 115	<1.0	mg/L	0.33	20		
9513341	Conductivity	2024/07/13			102	85 - 115	<1.0	umho/cm	0.72	10		
9513342	Fluoride (F-)	2024/07/13	90	80 - 120	95	80 - 120	<0.10	mg/L	2.4	20		
9513343	pH	2024/07/13			101	98 - 103			1.2	N/A		
9513384	Dissolved Chloride (Cl-)	2024/07/15	99	80 - 120	95	80 - 120	<1.0	mg/L	0.25	20		
9513397	Orthophosphate (P)	2024/07/15	101	75 - 125	93	80 - 120	<0.010	mg/L	3.2	20		
9513585	Total Suspended Solids	2024/07/15			97	80 - 120	<1	mg/L	NC	20		
9513595	Total Dissolved Solids	2024/07/15			98	80 - 120	<10	mg/L	13	20		
9513779	Total Dissolved Solids	2024/07/16			95	80 - 120	<10	mg/L	9.0	20		
9515375	Dissolved Mercury (Hg)	2024/07/15	92	75 - 125	95	80 - 120	<0.00001	mg/L	0.95	20		
9517208	Total Ammonia-N	2024/07/18	85	75 - 125	96	80 - 120	<0.050	mg/L	0.020	20		
9517403	Total Organic Carbon (TOC)	2024/07/17	106	80 - 120	100	80 - 120	<0.40	mg/L	7.2	20		
9518048	Dissolved Calcium (Ca)	2024/07/17	NC	80 - 120	101	80 - 120	<0.05	mg/L	1.8	20		
9518048	Dissolved Magnesium (Mg)	2024/07/17	92	80 - 120	102	80 - 120	<0.05	mg/L	1.6	20		
9518048	Dissolved Potassium (K)	2024/07/17	93	80 - 120	101	80 - 120	<1	mg/L	4.4	20		
9518048	Dissolved Sodium (Na)	2024/07/17	94	80 - 120	101	80 - 120	<0.5	mg/L	2.1	20		
9519942	Dissolved Mercury (Hg)	2024/07/17	93	75 - 125	91	80 - 120	<0.00001	mg/L	NC	20		
9519958	Total Kjeldahl Nitrogen (TKN)	2024/07/17	103	80 - 120	106	80 - 120	<0.10	mg/L	10	20	106	80 - 120
9520556	Mercury (Hg)	2024/07/17	88	75 - 125	90	80 - 120	<0.00001	mg/L	NC	20		
9529702	Dissolved Sulphate (SO4)	2024/07/16	99	80 - 120	103	80 - 120	<0.50	mg/L	NC	20		
9530976	Dissolved Aluminum (Al)	2024/07/17	91	80 - 120	92	80 - 120	<0.50	ug/L	10	20		
9530976	Dissolved Antimony (Sb)	2024/07/17	107	80 - 120	105	80 - 120	<0.020	ug/L	0.91	20		
9530976	Dissolved Arsenic (As)	2024/07/17	109	80 - 120	102	80 - 120	<0.020	ug/L	0.31	20		
9530976	Dissolved Barium (Ba)	2024/07/17	99	80 - 120	98	80 - 120	<0.020	ug/L	2.7	20		
9530976	Dissolved Beryllium (Be)	2024/07/17	91	80 - 120	94	80 - 120	<0.010	ug/L	NC	20		
9530976	Dissolved Bismuth (Bi)	2024/07/17	95	80 - 120	98	80 - 120	<0.0050	ug/L	NC	20		

BUREAU
VERITAS

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

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
9530976	Dissolved Boron (B)	2024/07/17	82	80 - 120	92	80 - 120	<10	ug/L	4.1	20		
9530976	Dissolved Cadmium (Cd)	2024/07/17	103	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
9530976	Dissolved Chromium (Cr)	2024/07/17	93	80 - 120	95	80 - 120	<0.10	ug/L	NC	20		
9530976	Dissolved Copper (Cu)	2024/07/17	90	80 - 120	95	80 - 120	<0.050	ug/L	0.28	20		
9530976	Dissolved Iron (Fe)	2024/07/17	97	80 - 120	101	80 - 120	<1.0	ug/L	11	20		
9530976	Dissolved Lead (Pb)	2024/07/17	98	80 - 120	99	80 - 120	<0.0050	ug/L	2.1	20		
9530976	Dissolved Lithium (Li)	2024/07/17	84	80 - 120	92	80 - 120	<0.50	ug/L	6.2	20		
9530976	Dissolved Manganese (Mn)	2024/07/17	NC	80 - 120	95	80 - 120	<0.050	ug/L	2.8	20		
9530976	Dissolved Molybdenum (Mo)	2024/07/17	NC	80 - 120	103	80 - 120	<0.050	ug/L	1.1	20		
9530976	Dissolved Silver (Ag)	2024/07/17	100	80 - 120	100	80 - 120	<0.0050	ug/L	9.9	20		
9530976	Dissolved Strontium (Sr)	2024/07/17	NC	80 - 120	91	80 - 120	<0.050	ug/L	0.30	20		
9530976	Dissolved Thallium (Tl)	2024/07/17	100	80 - 120	99	80 - 120	<0.0020	ug/L	1.2	20		
9530976	Dissolved Tin (Sn)	2024/07/17	107	80 - 120	102	80 - 120	<0.20	ug/L	2.0	20		
9530976	Dissolved Titanium (Ti)	2024/07/17	101	80 - 120	99	80 - 120	<0.50	ug/L	NC	20		
9530976	Dissolved Uranium (U)	2024/07/17	104	80 - 120	104	80 - 120	<0.0020	ug/L	2.7	20		
9530976	Dissolved Vanadium (V)	2024/07/17	97	80 - 120	95	80 - 120	<0.20	ug/L	NC	20		
9530976	Dissolved Zinc (Zn)	2024/07/17	94	80 - 120	103	80 - 120	<0.10	ug/L	0.41	20		
9530980	Total Aluminum (Al)	2024/07/18	92	80 - 120	98	80 - 120	<0.50	ug/L				
9530980	Total Antimony (Sb)	2024/07/18	98	80 - 120	103	80 - 120	<0.020	ug/L				
9530980	Total Arsenic (As)	2024/07/18	99	80 - 120	102	80 - 120	<0.020	ug/L				
9530980	Total Barium (Ba)	2024/07/18	NC	80 - 120	98	80 - 120	<0.020	ug/L				
9530980	Total Beryllium (Be)	2024/07/18	90	80 - 120	95	80 - 120	<0.010	ug/L				
9530980	Total Bismuth (Bi)	2024/07/18	89	80 - 120	99	80 - 120	<0.0050	ug/L				
9530980	Total Boron (B)	2024/07/18	87	80 - 120	94	80 - 120	<10	ug/L				
9530980	Total Cadmium (Cd)	2024/07/18	96	80 - 120	102	80 - 120	<0.0050	ug/L				
9530980	Total Chromium (Cr)	2024/07/18	89	80 - 120	98	80 - 120	<0.10	ug/L				
9530980	Total Copper (Cu)	2024/07/18	86	80 - 120	99	80 - 120	<0.050	ug/L				
9530980	Total Iron (Fe)	2024/07/18	95	80 - 120	106	80 - 120	<1.0	ug/L				
9530980	Total Lead (Pb)	2024/07/18	92	80 - 120	99	80 - 120	<0.0050	ug/L				
9530980	Total Lithium (Li)	2024/07/18	87	80 - 120	91	80 - 120	<0.50	ug/L				
9530980	Total Manganese (Mn)	2024/07/18	92	80 - 120	101	80 - 120	<0.050	ug/L				
9530980	Total Molybdenum (Mo)	2024/07/18	107	80 - 120	106	80 - 120	<0.050	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

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
9530980	Total Nickel (Ni)	2024/07/18	89	80 - 120	101	80 - 120	<0.020	ug/L				
9530980	Total Selenium (Se)	2024/07/18	95	80 - 120	100	80 - 120	<0.040	ug/L				
9530980	Total Silver (Ag)	2024/07/18	95	80 - 120	100	80 - 120	<0.0050	ug/L				
9530980	Total Strontium (Sr)	2024/07/18	NC	80 - 120	98	80 - 120	<0.050	ug/L				
9530980	Total Thallium (Tl)	2024/07/18	96	80 - 120	101	80 - 120	<0.0020	ug/L				
9530980	Total Tin (Sn)	2024/07/18	98	80 - 120	103	80 - 120	<0.20	ug/L				
9530980	Total Titanium (Ti)	2024/07/18	96	80 - 120	102	80 - 120	<0.50	ug/L				
9530980	Total Uranium (U)	2024/07/18	102	80 - 120	105	80 - 120	<0.0020	ug/L				
9530980	Total Vanadium (V)	2024/07/18	95	80 - 120	102	80 - 120	<0.20	ug/L				
9530980	Total Zinc (Zn)	2024/07/18	90	80 - 120	103	80 - 120	<0.10	ug/L				
9533024	Free Cyanide (CN)	2024/07/18	93	80 - 120	90	80 - 120	<2.0	ug/L				
9538392	Total Phosphorus (P)	2024/07/22	106	80 - 120	99	80 - 120	<0.0010	mg/L			92	80 - 120
9543981	Dissolved Aluminum (Al)	2024/07/26			100	80 - 120	<0.50	ug/L				
9543981	Dissolved Chromium (Cr)	2024/07/26			100	80 - 120	<0.10	ug/L				
9543981	Dissolved Copper (Cu)	2024/07/26			98	80 - 120	<0.050	ug/L				
9543981	Dissolved Lead (Pb)	2024/07/26			98	80 - 120	<0.0050	ug/L				
9543981	Dissolved Nickel (Ni)	2024/07/26			99	80 - 120	<0.020	ug/L				
9543981	Dissolved Selenium (Se)	2024/07/26			100	80 - 120	<0.040	ug/L				
9543981	Dissolved Zinc (Zn)	2024/07/26			100	80 - 120	<0.10	ug/L				
9553529	Reactive Silica (SiO2)	2024/07/18	97	80 - 120	108	80 - 120	<0.050	mg/L				
9553530	Strong Acid Dissoc. Cyanide (CN)	2024/07/22	93	80 - 120	100	80 - 120	<0.00050	mg/L				
9553531	Weak Acid Dissoc. Cyanide (CN)	2024/07/22	92	80 - 120	96	80 - 120	<0.00050	mg/L				
9553532	Dissolved Bromide (Br-)	2024/08/01	107	80 - 120	103	80 - 120	<0.010	mg/L				



BUREAU
VERITAS

Bureau Veritas Job #: C4L2571

Report Date: 2024/08/06

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: GS

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
9553533	Dissolved Bromide (Br-)	2024/07/26	93	80 - 120	94	80 - 120	<0.010	mg/L				

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

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

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).



BUREAU
VERITAS

Bureau Veritas Job #: C4L2571
Report Date: 2024/08/06

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: GS

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Supervisor-Afternoon Shift

Cristina Carriere, Senior Scientific Specialist

David Huang, BBY 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 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 #: C4L2571
Report Date: 2024/08/06

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: GS

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.						

APPENDIX C-III ANALYTICAL REPORT NO. R8266229

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-01(D)	MW-IPD-01(D)A	ZSD742
	MW-IPD-01(D)B	ZSF743



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 927214

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/08/07
Report #: R8266229
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L3902

Received: 2024/07/12, 09:17

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity	2	N/A	2024/07/14	CAM SOP-00448	SM 24 2320 B m
Carbonate, Bicarbonate and Hydroxide	2	N/A	2024/07/15	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry	2	N/A	2024/07/15	CAM SOP-00463	SM 24 4500-Cl E m
Conductivity	2	N/A	2024/07/14	CAM SOP-00414	SM 24 2510 m
Dissolved Organic Carbon (DOC) (3)	2	N/A	2024/07/14	CAM SOP-00446	SM 24 5310 B m
Fluoride	2	2024/07/13	2024/07/14	CAM SOP-00449	SM 24 4500-F C m
Dissolved Mercury (low level)	2	2024/07/18	2024/07/18	CAM SOP-00453	EPA 7470 m
Mercury (low level)	1	2024/07/17	2024/07/17	CAM SOP-00453	EPA 7470 m
Mercury (low level)	1	2024/07/18	2024/07/18	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP	2	2024/07/17	2024/07/19	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (1)	2	N/A	2024/07/24	AB SOP-00052	SM 24 4110 B m
Low Level Chloride and Sulphate by AC (1)	2	N/A	2024/07/18	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (Free) (1)	2	N/A	2024/07/19	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (1)	1	2024/07/22	2024/07/22	CAL SOP-00270	SM 24 4500-CN m
Cyanide, Strong Acid Dissociable (SAD) (1)	1	2024/07/24	2024/07/24	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (1)	1	N/A	2024/07/22	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (1)	1	N/A	2024/07/24	CAL SOP-00270	SM 24 4500-CN m
Hardness Total (calculated as CaCO3) (2, 4)	2	N/A	2024/07/18	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	2	N/A	2024/07/19	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (2, 5)	2	N/A	2024/07/19	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	2	N/A	2024/07/18	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (2)	2	N/A	2024/07/18	BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (1)	2	N/A	2024/07/18	AB SOP-00011	EPA 370.1 R1978 m
Total Phosphorus Low Level Total (1)	2	2024/07/19	2024/07/22	AB SOP-00024	SM 24 4500-P A,B,F m
Total Ammonia (as NH3)	1	N/A	2024/07/17	Auto Calc.	
Total Ammonia (as NH3)	1	N/A	2024/07/18	Auto Calc.	
Ammonium as NH4+	1	N/A	2024/07/17		
Ammonium as NH4+	1	N/A	2024/07/18		
Total Ammonia-N	1	N/A	2024/07/17	CAM SOP-00441	USGS I-2522-90 m
Total Ammonia-N	1	N/A	2024/07/18	CAM SOP-00441	USGS I-2522-90 m



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 927214

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/08/07
Report #: R8266229
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L3902

Received: 2024/07/12, 09:17

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Nitrate & Nitrite as Nitrogen in Water (6)	2	N/A	2024/07/13	CAM SOP-00440	SM 24 4500-NO3I/NO2B
pH (7)	2	2024/07/13	2024/07/14	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (8)	2	N/A	2024/07/13		Field pH Meter
Orthophosphate	2	N/A	2024/07/15	CAM SOP-00461	SM 24 4500-P E
Redox Potential (9)	2	2024/07/13	2024/07/15	CAM SOP-00421	SM 24 2580 B
Sodium Adsorption Ratio (SAR)	2	N/A	2024/07/19	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (TDS calc)	2	N/A	2024/08/07		Auto Calc
Total Dissolved Solids	2	2024/07/15	2024/07/16	CAM SOP-00428	SM 24 2540C m
Field Temperature (8)	2	N/A	2024/07/13		Field Thermometer
Total Kjeldahl Nitrogen in Water	1	2024/07/17	2024/07/18	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water	1	2024/07/18	2024/07/18	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (10)	2	N/A	2024/07/19	CAM SOP-00446	SM 24 5310B m
Low Level Total Suspended Solids	2	2024/07/15	2024/07/16	CAM SOP-00428	SM 24 2540D m
Turbidity	2	N/A	2024/07/17	CAM SOP-00417	SM 24 2130 B
Un-ionized Ammonia (as N) (11)	1	2024/07/13	2024/07/17	Calculation	Calculation
Un-ionized Ammonia (as N) (11)	1	2024/07/13	2024/07/18	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, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 927214

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2024/08/07
Report #: R8266229
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L3902

Received: 2024/07/12, 09:17

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) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.

(4) "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).

(5) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

(7) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."

(8) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.

(9) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.

(10) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.

(11) 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 #: C4L3902

Report Date: 2024/08/07

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF742			ZSF742		
Sampling Date		2024/07/09 15:00			2024/07/09 15:00		
COC Number		927214			927214		
	UNITS	MW-IPD-01(d)A	RDL	QC Batch	MW-IPD-01(d)A Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH ₃)	mg/L	0.064	0.061	9513345			
Ammonium (NH ₄)	mg/L	0.062	0.0052	9513434			
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	100	1.0	9513064			
Calculated TDS	mg/L	180	1.0	9513058			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	1.3	1.0	9513064			
Sodium Adsorption Ratio	N/A	0.98		9513346			
CONVENTIONALS							
Redox Potential	mV	260	N/A	9513744			
Field Measurements							
Field Temperature	Celsius	9.49	N/A	ONSITE			
Field Measured pH	pH	8.72		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	0.053	0.050	9518250			
Dissolved Bromide (Br ⁻)	mg/L	0.60	0.010	9540174			
Conductivity	umho/cm	340	1.0	9513725			
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	9528341			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9539663			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9539664			
Total Dissolved Solids	mg/L	200	10	9513779			
Fluoride (F ⁻)	mg/L	0.56	0.10	9513728			
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	9522524			
Dissolved Organic Carbon	mg/L	1.2	0.40	9513667	1.2	0.40	9513667
Total Organic Carbon (TOC)	mg/L	1.3	0.40	9522513			
Orthophosphate (P)	mg/L	<0.010	0.010	9513733			
pH	pH	8.12		9513726			
Total Phosphorus (P)	mg/L	0.0031	0.0010	9530940			
Reactive Silica (SiO ₂)	mg/L	7.2	0.050	9538279			
Total Suspended Solids	mg/L	8	1	9514474			
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 #: C4L3902

Report Date: 2024/08/07

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF742			ZSF742		
Sampling Date		2024/07/09 15:00			2024/07/09 15:00		
COC Number		927214			927214		
	UNITS	MW-IPD-01(d)A	RDL	QC Batch	MW-IPD-01(d)A Lab-Dup	RDL	QC Batch
Turbidity	NTU	3.0	0.1	9520516			
Alkalinity (Total as CaCO ₃)	mg/L	110	1.0	9513727			
Dissolved Chloride (Cl ⁻)	mg/L	41	1.0	9513731			
Nitrite (N)	mg/L	<0.010	0.010	9513318			
Nitrate (N)	mg/L	<0.10	0.10	9513318			
Dissolved Sulphate (SO ₄)	mg/L	3.9	0.50	9524468			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9513318			
Un-ionized Ammonia (as N)	mg/L	0.0045	0.0043	9513433			
Metals							
Dissolved Aluminum (Al)	ug/L	44.6	0.50	9533518			
Total Aluminum (Al)	ug/L	423	0.50	9543980			
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9533518			
Total Antimony (Sb)	ug/L	0.021	0.020	9543980			
Dissolved Arsenic (As)	ug/L	35.4	0.020	9533518			
Total Arsenic (As)	ug/L	40.7	0.020	9543980			
Dissolved Barium (Ba)	ug/L	19.6	0.020	9533518			
Total Barium (Ba)	ug/L	20.7	0.020	9543980			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9533518			
Total Beryllium (Be)	ug/L	0.024	0.010	9543980			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9533518			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9543980			
Dissolved Boron (B)	ug/L	155	10	9533518			
Total Boron (B)	ug/L	151	10	9543980			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9533518			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9543980			
Dissolved Chromium (Cr)	ug/L	0.44	0.10	9533518			
Total Chromium (Cr)	ug/L	0.32	0.10	9543980			
Dissolved Copper (Cu)	ug/L	0.371	0.050	9533518			
Total Copper (Cu)	ug/L	0.352	0.050	9543980			
Dissolved Iron (Fe)	ug/L	104	1.0	9533518			
Total Iron (Fe)	ug/L	235	1.0	9543980			
Dissolved Lead (Pb)	ug/L	0.208	0.0050	9533518			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902
Report Date: 2024/08/07

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF742			ZSF742		
Sampling Date		2024/07/09 15:00			2024/07/09 15:00		
COC Number		927214			927214		
	UNITS	MW-IPD-01(d)A	RDL	QC Batch	MW-IPD-01(d)A Lab-Dup	RDL	QC Batch
Total Lead (Pb)	ug/L	0.548	0.0050	9543980			
Dissolved Lithium (Li)	ug/L	5.00	0.50	9533518			
Total Lithium (Li)	ug/L	4.96	0.50	9543980			
Dissolved Manganese (Mn)	ug/L	36.5	0.050	9533518			
Total Manganese (Mn)	ug/L	36.9	0.050	9543980			
Dissolved Molybdenum (Mo)	ug/L	8.33	0.050	9533518			
Total Molybdenum (Mo)	ug/L	8.12	0.050	9543980			
Dissolved Nickel (Ni)	ug/L	0.547	0.020	9533518			
Total Nickel (Ni)	ug/L	0.495	0.020	9543980			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9533518			
Total Selenium (Se)	ug/L	0.042	0.040	9543980			
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9533518			
Total Silver (Ag)	ug/L	<0.0050	0.0050	9543980			
Dissolved Strontium (Sr)	ug/L	293	0.050	9533518			
Total Strontium (Sr)	ug/L	311	0.050	9543980			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9533518			
Total Thallium (Tl)	ug/L	0.0028	0.0020	9543980			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9533518			
Total Tin (Sn)	ug/L	<0.20	0.20	9543980			
Dissolved Titanium (Ti)	ug/L	1.14	0.50	9533518			
Total Titanium (Ti)	ug/L	4.55	0.50	9543980			
Dissolved Uranium (U)	ug/L	0.460	0.0020	9533518			
Total Uranium (U)	ug/L	0.597	0.0020	9543980			
Dissolved Vanadium (V)	ug/L	0.50	0.20	9533518			
Total Vanadium (V)	ug/L	<0.20	0.20	9543980			
Dissolved Zinc (Zn)	ug/L	3.65	0.10	9543981			
Total Zinc (Zn)	ug/L	3.37	0.10	9543980			
Dissolved Calcium (Ca)	mg/L	21.1	0.050	9543977			
Total Calcium (Ca)	mg/L	21.4	0.050	9543979			
Dissolved Magnesium (Mg)	mg/L	11.9	0.050	9543977			
Total Magnesium (Mg)	mg/L	13.5	0.050	9543979			
Dissolved Potassium (K)	mg/L	1.10	0.050	9543977			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902
Report Date: 2024/08/07

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF742			ZSF742		
Sampling Date		2024/07/09 15:00			2024/07/09 15:00		
COC Number		927214			927214		
	UNITS	MW-IPD-01(d)A	RDL	QC Batch	MW-IPD-01(d)A Lab-Dup	RDL	QC Batch
Total Potassium (K)	mg/L	1.17	0.050	9543979			
Dissolved Sodium (Na)	mg/L	20.8	0.050	9543977			
Total Sodium (Na)	mg/L	21.7	0.050	9543979			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF743		
Sampling Date		2024/07/09 15:00		
COC Number		927214		
	UNITS	MW-IPD-01(d)B	RDL	QC Batch
Calculated Parameters				
Total Ammonia (as NH ₃)	mg/L	<0.061	0.061	9513345
Ammonium (NH ₄)	mg/L	<0.0052	0.0052	9513434
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	100	1.0	9513064
Calculated TDS	mg/L	180	1.0	9513058
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	1.3	1.0	9513064
Sodium Adsorption Ratio	N/A	0.97		9513346
CONVENTIONALS				
Redox Potential	mV	260	N/A	9513744
Field Measurements				
Field Temperature	Celsius	9.49	N/A	ONSITE
Field Measured pH	pH	8.72		ONSITE
Inorganics				
Total Ammonia-N	mg/L	<0.050	0.050	9517229
Dissolved Bromide (Br ⁻)	mg/L	0.59	0.010	9540174
Conductivity	umho/cm	340	1.0	9513725
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	9528341
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050 (2)	0.00050	9530524
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.00084	0.00050	9530999
Total Dissolved Solids	mg/L	190	10	9513779
Fluoride (F ⁻)	mg/L	0.57	0.10	9513728
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	9520787
Dissolved Organic Carbon	mg/L	1.2	0.40	9513667
Total Organic Carbon (TOC)	mg/L	1.2	0.40	9522513
Orthophosphate (P)	mg/L	<0.010	0.010	9513733
pH	pH	8.11		9513726
Total Phosphorus (P)	mg/L	0.0019	0.0010	9530940
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. (2) SAD Cyanide < WAD Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent.				



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902
Report Date: 2024/08/07

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF743		
Sampling Date		2024/07/09 15:00		
COC Number		927214		
	UNITS	MW-IPD-01(d)B	RDL	QC Batch
Reactive Silica (SiO ₂)	mg/L	7.4	0.050	9538279
Total Suspended Solids	mg/L	9	1	9514474
Turbidity	NTU	4.0	0.1	9520516
Alkalinity (Total as CaCO ₃)	mg/L	110	1.0	9513727
Dissolved Chloride (Cl ⁻)	mg/L	40	1.0	9513731
Nitrite (N)	mg/L	<0.010	0.010	9513318
Nitrate (N)	mg/L	<0.10	0.10	9513318
Dissolved Sulphate (SO ₄)	mg/L	4.0	0.50	9524468
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9513318
Un-ionized Ammonia (as N)	mg/L	<0.0043	0.0043	9513433
Metals				
Dissolved Aluminum (Al)	ug/L	21.0	0.50	9533518
Total Aluminum (Al)	ug/L	446	0.50	9543980
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9533518
Total Antimony (Sb)	ug/L	<0.020	0.020	9543980
Dissolved Arsenic (As)	ug/L	36.2	0.020	9533518
Total Arsenic (As)	ug/L	40.4	0.020	9543980
Dissolved Barium (Ba)	ug/L	19.5	0.020	9533518
Total Barium (Ba)	ug/L	20.5	0.020	9543980
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9533518
Total Beryllium (Be)	ug/L	0.037	0.010	9543980
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9533518
Total Bismuth (Bi)	ug/L	0.0053	0.0050	9543980
Dissolved Boron (B)	ug/L	163	10	9533518
Total Boron (B)	ug/L	171	10	9543980
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9533518
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9543980
Dissolved Chromium (Cr)	ug/L	0.30	0.10	9533518
Total Chromium (Cr)	ug/L	0.21	0.10	9543980
Dissolved Copper (Cu)	ug/L	0.089	0.050	9533518
Total Copper (Cu)	ug/L	0.226	0.050	9543980
Dissolved Iron (Fe)	ug/L	82.9	1.0	9533518
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902
Report Date: 2024/08/07

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF743		
Sampling Date		2024/07/09 15:00		
COC Number		927214		
	UNITS	MW-IPD-01(d)B	RDL	QC Batch
Total Iron (Fe)	ug/L	239	1.0	9543980
Dissolved Lead (Pb)	ug/L	0.0760	0.0050	9533518
Total Lead (Pb)	ug/L	0.384	0.0050	9543980
Dissolved Lithium (Li)	ug/L	5.03	0.50	9533518
Total Lithium (Li)	ug/L	5.60	0.50	9543980
Dissolved Manganese (Mn)	ug/L	35.5	0.050	9533518
Total Manganese (Mn)	ug/L	35.8	0.050	9543980
Dissolved Molybdenum (Mo)	ug/L	8.73	0.050	9533518
Total Molybdenum (Mo)	ug/L	8.15	0.050	9543980
Dissolved Nickel (Ni)	ug/L	0.389	0.020	9533518
Total Nickel (Ni)	ug/L	0.490	0.020	9543980
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9533518
Total Selenium (Se)	ug/L	<0.040	0.040	9543980
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9533518
Total Silver (Ag)	ug/L	<0.0050	0.0050	9543980
Dissolved Strontium (Sr)	ug/L	302	0.050	9533518
Total Strontium (Sr)	ug/L	311	0.050	9543980
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9533518
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9543980
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9533518
Total Tin (Sn)	ug/L	<0.20	0.20	9543980
Dissolved Titanium (Ti)	ug/L	0.94	0.50	9533518
Total Titanium (Ti)	ug/L	4.41	0.50	9543980
Dissolved Uranium (U)	ug/L	0.484	0.0020	9533518
Total Uranium (U)	ug/L	0.609	0.0020	9543980
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9533518
Total Vanadium (V)	ug/L	<0.20	0.20	9543980
Dissolved Zinc (Zn)	ug/L	1.43	0.10	9533518
Total Zinc (Zn)	ug/L	3.30	0.10	9543980
Dissolved Calcium (Ca)	mg/L	21.0	0.050	9543977
Total Calcium (Ca)	mg/L	21.9	0.050	9543979
Dissolved Magnesium (Mg)	mg/L	12.2	0.050	9543977
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZSF743		
Sampling Date		2024/07/09 15:00		
COC Number		927214		
	UNITS	MW-IPD-01(d)B	RDL	QC Batch
Total Magnesium (Mg)	mg/L	13.5	0.050	9543979
Dissolved Potassium (K)	mg/L	1.09	0.050	9543977
Total Potassium (K)	mg/L	1.16	0.050	9543979
Dissolved Sodium (Na)	mg/L	21.0	0.050	9543977
Total Sodium (Na)	mg/L	21.6	0.050	9543979
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ZSF742		ZSF743		
Sampling Date		2024/07/09 15:00		2024/07/09 15:00		
COC Number		927214		927214		
	UNITS	MW-IPD-01(d)A	QC Batch	MW-IPD-01(d)B	RDL	QC Batch
Calculated Parameters						
Total Hardness (CaCO ₃)	mg/L	109	9536333	110	0.50	9536333
Metals						
Dissolved Calcium (Ca)	mg/L	24	9521484	24	0.05	9521484
Dissolved Magnesium (Mg)	mg/L	15	9521484	14	0.05	9521484
Mercury (Hg)	mg/L	<0.00001	9520582	<0.00001	0.00001	9522824
Dissolved Mercury (Hg)	mg/L	<0.00001	9522815	<0.00001	0.00001	9522815
Dissolved Potassium (K)	mg/L	1	9521484	1	1	9521484
Dissolved Sodium (Na)	mg/L	25	9521484	24	0.5	9521484
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZSF742
Sample ID: MW-IPD-01(d)A
Matrix: Water

Collected: 2024/07/09
Shipped:
Received: 2024/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9513727	N/A	2024/07/14	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9513064	N/A	2024/07/15	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9513731	N/A	2024/07/15	Alina Dobreanu
Conductivity	AT	9513725	N/A	2024/07/14	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9513667	N/A	2024/07/14	Gyulshen Idriz
Fluoride	ISE	9513728	2024/07/13	2024/07/14	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9522815	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9520582	2024/07/17	2024/07/17	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9521484	2024/07/17	2024/07/19	Suban Kanapathipplai
Bromide in water by IC	IC/UV	9540174	N/A	2024/07/24	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9524468	N/A	2024/07/18	Tyler Orr
Cyanide (Free)	SPEC	9528341	N/A	2024/07/19	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9539663	2024/07/24	2024/07/24	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9539664	N/A	2024/07/24	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9536333	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9543977	N/A	2024/07/19	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9533518	N/A	2024/07/19	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9543979	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9543980	N/A	2024/07/18	Andrew An
Silica (Reactive)	KONE	9538279	N/A	2024/07/18	Tyler Orr
Total Phosphorus Low Level Total	KONE	9530940	2024/07/19	2024/07/22	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9513345	N/A	2024/07/17	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9513434	N/A	2024/07/17	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9518250	N/A	2024/07/17	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9513318	N/A	2024/07/13	Jinal Chavda
pH	AT	9513726	2024/07/13	2024/07/14	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/13	Viyushti Patel
Orthophosphate	SKAL	9513733	N/A	2024/07/15	Alina Dobreanu
Redox Potential	COND	9513744	2024/07/13	2024/07/15	Gurpartee KAUAR
Sodium Adsorption Ratio (SAR)	CALC/MET	9513346	N/A	2024/07/19	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9513058	N/A	2024/08/07	Automated Statchk
Total Dissolved Solids	BAL	9513779	2024/07/15	2024/07/16	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/13	Viyushti Patel
Total Kjeldahl Nitrogen in Water	SKAL	9522524	2024/07/18	2024/07/18	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9522513	N/A	2024/07/19	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9514474	2024/07/15	2024/07/16	Razieh Tabesh
Turbidity	AT	9520516	N/A	2024/07/17	Gurpartee KAUAR
Un-ionized Ammonia (as N)	CALC	9513433	2024/07/17	2024/07/17	Automated Statchk

Bureau Veritas ID: ZSF742 Dup
Sample ID: MW-IPD-01(d)A
Matrix: Water

Collected: 2024/07/09
Shipped:
Received: 2024/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9513667	N/A	2024/07/14	Gyulshen Idriz



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZSF743
Sample ID: MW-IPD-01(d)B
Matrix: Water

Collected: 2024/07/09
Shipped:
Received: 2024/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9513727	N/A	2024/07/14	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9513064	N/A	2024/07/15	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9513731	N/A	2024/07/15	Alina Dobreanu
Conductivity	AT	9513725	N/A	2024/07/14	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9513667	N/A	2024/07/14	Gyulshen Idriz
Fluoride	ISE	9513728	2024/07/13	2024/07/14	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9522815	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9522824	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9521484	2024/07/17	2024/07/19	Suban Kanapathipplai
Bromide in water by IC	IC/UV	9540174	N/A	2024/07/24	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9524468	N/A	2024/07/18	Tyler Orr
Cyanide (Free)	SPEC	9528341	N/A	2024/07/19	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9530524	2024/07/22	2024/07/22	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9530999	N/A	2024/07/22	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9536333	N/A	2024/07/18	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9543977	N/A	2024/07/19	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9533518	N/A	2024/07/19	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9543979	N/A	2024/07/18	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9543980	N/A	2024/07/18	Andrew An
Silica (Reactive)	KONE	9538279	N/A	2024/07/18	Tyler Orr
Total Phosphorus Low Level Total	KONE	9530940	2024/07/19	2024/07/22	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9513345	N/A	2024/07/18	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9513434	N/A	2024/07/18	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9517229	N/A	2024/07/18	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9513318	N/A	2024/07/13	Jinal Chavda
pH	AT	9513726	2024/07/13	2024/07/14	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/13	Viyushti Patel
Orthophosphate	SKAL	9513733	N/A	2024/07/15	Alina Dobreanu
Redox Potential	COND	9513744	2024/07/13	2024/07/15	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9513346	N/A	2024/07/19	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9513058	N/A	2024/08/07	Automated Statchk
Total Dissolved Solids	BAL	9513779	2024/07/15	2024/07/16	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/13	Viyushti Patel
Total Kjeldahl Nitrogen in Water	SKAL	9520787	2024/07/17	2024/07/18	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9522513	N/A	2024/07/19	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9514474	2024/07/15	2024/07/16	Razieh Tabesh
Turbidity	AT	9520516	N/A	2024/07/17	Gurpartee KAU
Un-ionized Ammonia (as N)	CALC	9513433	2024/07/18	2024/07/18	Automated Statchk



GENERAL COMMENTS

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

Package 1	19.7°C
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Sample ZSF742 [MW-IPD-01(d)A] : 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). TKN < Ammonia: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample ZSF742, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.

BUREAU
VERITAS

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9513318	Nitrate (N)	2024/07/13	103	80 - 120	102	80 - 120	<0.10	mg/L	0.27	20		
9513318	Nitrite (N)	2024/07/13	103	80 - 120	102	80 - 120	<0.010	mg/L	NC	20		
9513667	Dissolved Organic Carbon	2024/07/14	88	80 - 120	91	80 - 120	<0.40	mg/L	3.6	20		
9513725	Conductivity	2024/07/14			103	85 - 115	<1.0	umho/cm	0.85	10		
9513726	pH	2024/07/14			101	98 - 103			0.95	N/A		
9513727	Alkalinity (Total as CaCO ₃)	2024/07/14			98	85 - 115	<1.0	mg/L	3.7	20		
9513728	Fluoride (F ⁻)	2024/07/14	93	80 - 120	99	80 - 120	<0.10	mg/L	12	20		
9513731	Dissolved Chloride (Cl ⁻)	2024/07/15	107	80 - 120	98	80 - 120	<1.0	mg/L	2.3	20		
9513733	Orthophosphate (P)	2024/07/15	101	75 - 125	92	80 - 120	<0.010	mg/L	NC	20		
9513744	Redox Potential	2024/07/15			103	80 - 120			1.9	20		
9513779	Total Dissolved Solids	2024/07/16			95	80 - 120	<10	mg/L	9.0	20		
9514474	Total Suspended Solids	2024/07/16			95	80 - 120	<1	mg/L	13	20		
9517229	Total Ammonia-N	2024/07/18	88	75 - 125	98	80 - 120	<0.050	mg/L	15	20		
9518250	Total Ammonia-N	2024/07/17	89	75 - 125	100	80 - 120	<0.050	mg/L	1.5	20		
9520516	Turbidity	2024/07/17			95	80 - 120	<0.1	NTU	0.72	20		
9520582	Mercury (Hg)	2024/07/17	85	75 - 125	89	80 - 120	<0.00001	mg/L	NC	20		
9520787	Total Kjeldahl Nitrogen (TKN)	2024/07/18	89	80 - 120	96	80 - 120	<0.10	mg/L	8.7 (1)	20	96	80 - 120
9521484	Dissolved Calcium (Ca)	2024/07/19	NC	80 - 120	98	80 - 120	<0.05	mg/L	2.5	20		
9521484	Dissolved Magnesium (Mg)	2024/07/19	NC	80 - 120	100	80 - 120	<0.05	mg/L	2.0	20		
9521484	Dissolved Potassium (K)	2024/07/19	90	80 - 120	98	80 - 120	<1	mg/L				
9521484	Dissolved Sodium (Na)	2024/07/19	NC	80 - 120	100	80 - 120	<0.5	mg/L	0.97	20		
9522513	Total Organic Carbon (TOC)	2024/07/19	93	80 - 120	94	80 - 120	<0.40	mg/L	17	20		
9522524	Total Kjeldahl Nitrogen (TKN)	2024/07/19	100	80 - 120	95	80 - 120	<0.10	mg/L	NC (2)	20	93	80 - 120
9522815	Dissolved Mercury (Hg)	2024/07/18	92	75 - 125	92	80 - 120	<0.00001	mg/L	NC	20		
9522824	Mercury (Hg)	2024/07/18	92	75 - 125	94	80 - 120	<0.00001	mg/L	NC	20		
9524468	Dissolved Sulphate (SO ₄)	2024/07/18	107	80 - 120	105	80 - 120	<0.50	mg/L	3.1	20		
9528341	Free Cyanide (CN)		102	80 - 120	90	80 - 120	<2.0	ug/L	12	20		
9530524	Strong Acid Dissoc. Cyanide (CN)	2024/07/22	92	80 - 120	95	80 - 120	<0.00050	mg/L				
9530940	Total Phosphorus (P)	2024/07/22	102	80 - 120	98	80 - 120	<0.0010	mg/L	3.0	20	94	80 - 120
9530999	Weak Acid Dissoc. Cyanide (CN)	2024/07/22	88	80 - 120	97	80 - 120	<0.00050	mg/L				

BUREAU
VERITAS

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9533518	Dissolved Aluminum (Al)	2024/07/19	95	80 - 120	96	80 - 120	<0.50	ug/L				
9533518	Dissolved Antimony (Sb)	2024/07/19	97	80 - 120	100	80 - 120	<0.020	ug/L				
9533518	Dissolved Arsenic (As)	2024/07/19	101	80 - 120	100	80 - 120	<0.020	ug/L				
9533518	Dissolved Barium (Ba)	2024/07/19	NC	80 - 120	97	80 - 120	<0.020	ug/L				
9533518	Dissolved Beryllium (Be)	2024/07/19	97	80 - 120	101	80 - 120	<0.010	ug/L				
9533518	Dissolved Bismuth (Bi)	2024/07/19	93	80 - 120	98	80 - 120	<0.0050	ug/L				
9533518	Dissolved Boron (B)	2024/07/19	NC	80 - 120	99	80 - 120	<10	ug/L				
9533518	Dissolved Cadmium (Cd)	2024/07/19	94	80 - 120	98	80 - 120	<0.0050	ug/L				
9533518	Dissolved Chromium (Cr)	2024/07/19	93	80 - 120	98	80 - 120	<0.10	ug/L				
9533518	Dissolved Copper (Cu)	2024/07/19	86	80 - 120	93	80 - 120	<0.050	ug/L				
9533518	Dissolved Iron (Fe)	2024/07/19	96	80 - 120	101	80 - 120	<1.0	ug/L				
9533518	Dissolved Lead (Pb)	2024/07/19	93	80 - 120	97	80 - 120	<0.0050	ug/L				
9533518	Dissolved Lithium (Li)	2024/07/19	NC	80 - 120	100	80 - 120	<0.50	ug/L				
9533518	Dissolved Manganese (Mn)	2024/07/19	NC	80 - 120	97	80 - 120	<0.050	ug/L				
9533518	Dissolved Molybdenum (Mo)	2024/07/19	NC	80 - 120	103	80 - 120	<0.050	ug/L				
9533518	Dissolved Nickel (Ni)	2024/07/19	90	80 - 120	96	80 - 120	<0.020	ug/L				
9533518	Dissolved Selenium (Se)	2024/07/19	93	80 - 120	99	80 - 120	<0.040	ug/L				
9533518	Dissolved Silver (Ag)	2024/07/19	92	80 - 120	96	80 - 120	<0.0050	ug/L				
9533518	Dissolved Strontium (Sr)	2024/07/19	NC	80 - 120	98	80 - 120	<0.050	ug/L				
9533518	Dissolved Thallium (Tl)	2024/07/19	98	80 - 120	98	80 - 120	<0.0020	ug/L				
9533518	Dissolved Tin (Sn)	2024/07/19	97	80 - 120	100	80 - 120	<0.20	ug/L				
9533518	Dissolved Titanium (Ti)	2024/07/19	101	80 - 120	98	80 - 120	<0.50	ug/L				
9533518	Dissolved Uranium (U)	2024/07/19	89	80 - 120	97	80 - 120	<0.0020	ug/L				
9533518	Dissolved Vanadium (V)	2024/07/19	98	80 - 120	97	80 - 120	<0.20	ug/L				
9533518	Dissolved Zinc (Zn)	2024/07/19	95	80 - 120	97	80 - 120	<0.10	ug/L				
9538279	Reactive Silica (SiO2)	2024/07/18	NC	80 - 120	109	80 - 120	<0.050	mg/L				
9539663	Strong Acid Dissoc. Cyanide (CN)	2024/07/24	90	80 - 120	95	80 - 120	<0.00050	mg/L				
9539664	Weak Acid Dissoc. Cyanide (CN)	2024/07/24	83	80 - 120	88	80 - 120	<0.00050	mg/L				
9540174	Dissolved Bromide (Br-)	2024/07/24	100	80 - 120	102	80 - 120	<0.010	mg/L				
9543980	Total Aluminum (Al)	2024/07/18	97	80 - 120	97	80 - 120	<0.50	ug/L	4.8	20		
9543980	Total Antimony (Sb)	2024/07/18	100	80 - 120	101	80 - 120	<0.020	ug/L	NC	20		

BUREAU
VERITAS

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9543980	Total Arsenic (As)	2024/07/18	103	80 - 120	101	80 - 120	<0.020	ug/L	NC	20		
9543980	Total Barium (Ba)	2024/07/18	94	80 - 120	97	80 - 120	<0.020	ug/L	0.43	20		
9543980	Total Beryllium (Be)	2024/07/18	93	80 - 120	97	80 - 120	<0.010	ug/L	NC	20		
9543980	Total Bismuth (Bi)	2024/07/18	94	80 - 120	96	80 - 120	<0.0050	ug/L	NC	20		
9543980	Total Boron (B)	2024/07/18	91	80 - 120	99	80 - 120	<10	ug/L	NC	20		
9543980	Total Cadmium (Cd)	2024/07/18	100	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
9543980	Total Chromium (Cr)	2024/07/18	94	80 - 120	98	80 - 120	<0.10	ug/L	NC	20		
9543980	Total Copper (Cu)	2024/07/18	93	80 - 120	98	80 - 120	<0.050	ug/L	NC	20		
9543980	Total Iron (Fe)	2024/07/18	107	80 - 120	103	80 - 120	<1.0	ug/L	4.7	20		
9543980	Total Lead (Pb)	2024/07/18	96	80 - 120	96	80 - 120	<0.0050	ug/L	NC	20		
9543980	Total Lithium (Li)	2024/07/18	88	80 - 120	95	80 - 120	<0.50	ug/L	NC	20		
9543980	Total Manganese (Mn)	2024/07/18	NC	80 - 120	101	80 - 120	<0.050	ug/L	NC	20		
9543980	Total Molybdenum (Mo)	2024/07/18	110	80 - 120	105	80 - 120	<0.050	ug/L	NC	20		
9543980	Total Nickel (Ni)	2024/07/18	94	80 - 120	100	80 - 120	<0.020	ug/L	2.5	20		
9543980	Total Selenium (Se)	2024/07/18	103	80 - 120	101	80 - 120	<0.040	ug/L	NC	20		
9543980	Total Silver (Ag)	2024/07/18	99	80 - 120	99	80 - 120	<0.0050	ug/L	NC	20		
9543980	Total Strontium (Sr)	2024/07/18	NC	80 - 120	98	80 - 120	<0.050	ug/L	NC	20		
9543980	Total Thallium (Tl)	2024/07/18	100	80 - 120	99	80 - 120	<0.0020	ug/L	NC	20		
9543980	Total Tin (Sn)	2024/07/18	99	80 - 120	100	80 - 120	<0.20	ug/L	NC	20		
9543980	Total Titanium (Ti)	2024/07/18	101	80 - 120	101	80 - 120	<0.50	ug/L	NC	20		
9543980	Total Uranium (U)	2024/07/18	106	80 - 120	107	80 - 120	<0.0020	ug/L	NC	20		
9543980	Total Vanadium (V)	2024/07/18	100	80 - 120	101	80 - 120	<0.20	ug/L	NC	20		
9543980	Total Zinc (Zn)	2024/07/18	99	80 - 120	102	80 - 120	<0.10	ug/L	NC	20		



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902

Report Date: 2024/08/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9543981	Dissolved Zinc (Zn)	2024/07/26			100	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 $\leq 2 \times \text{RDL}$).

(1) TKN < NH4: Both values fall within acceptable RPD limits for duplicates and are likely equivalent.

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



BUREAU
VERITAS

Bureau Veritas Job #: C4L3902
Report Date: 2024/08/07

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Supervisor-Afternoon Shift

Cristina Carriere, Senior Scientific Specialist

David Huang, BBY 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 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.

APPENDIX C-IV ANALYTICAL REPORT NO. R8272525

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-01(S)	MW-IPD-01(S)A	ZST570
	MW-IPD-01(S)B	ZST571



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 928065

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/08/12
Report #: R8272525
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L6375

Received: 2024/07/15, 09:15

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	2	N/A	2024/07/17	CAM SOP-00448	SM 24 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	2	N/A	2024/07/18	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	2	N/A	2024/07/17	CAM SOP-00463	SM 24 4500-Cl E m
Conductivity (1)	2	N/A	2024/07/17	CAM SOP-00414	SM 24 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	2	N/A	2024/07/17	CAM SOP-00446	SM 24 5310 B m
Fluoride (1)	2	2024/07/16	2024/07/17	CAM SOP-00449	SM 24 4500-F C m
Dissolved Mercury (low level) (1)	2	2024/07/18	2024/07/18	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	2	2024/07/18	2024/07/18	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	2	2024/07/18	2024/07/19	CAM SOP-00408	EPA 6010D m
Bromide in water by IC (2)	1	N/A	2024/07/24	AB SOP-00052	SM 24 4110 B m
Bromide in water by IC (2)	1	N/A	2024/07/25	AB SOP-00052	SM 24 4110 B m
Low Level Chloride and Sulphate by AC (2)	2	N/A	2024/07/19	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (Free) (2)	2	N/A	2024/07/23	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	2	2024/07/22	2024/07/22	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	2	N/A	2024/07/22	CAL SOP-00270	SM 24 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	2	N/A	2024/07/22	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2024/07/20	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2024/08/08	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3, 6)	1	N/A	2024/07/20	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (dissolved) (3, 6)	1	N/A	2024/08/08	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	2	N/A	2024/07/22	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	2	N/A	2024/07/21	BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (2)	2	N/A	2024/07/25	AB SOP-00011	EPA 370.1 R1978 m
Total Phosphorus Low Level Total (2)	2	2024/07/22	2024/07/23	AB SOP-00024	SM 24 4500-P A,B,F m
Total Ammonia (as NH3) (1)	2	N/A	2024/07/19	Auto Calc.	
Ammonium as NH4+ (1)	2	N/A	2024/07/19		
Total Ammonia-N (1)	2	N/A	2024/07/18	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 7)	2	N/A	2024/07/17	CAM SOP-00440	SM 24 4500-NO3I/NO2B
pH (1, 8)	2	2024/07/16	2024/07/17	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (1, 9)	2	N/A	2024/07/16		Field pH Meter
Orthophosphate (1)	2	N/A	2024/07/17	CAM SOP-00461	SM 24 4500-P E



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 928065

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/08/12
Report #: R8272525
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L6375

Received: 2024/07/15, 09:15

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Redox Potential (1, 10)	2	2024/07/16	2024/07/17	CAM SOP-00421	SM 24 2580 B
Sodium Adsorption Ratio (SAR) (1)	2	N/A	2024/07/22	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (TDS calc) (1)	2	N/A	2024/08/09		Auto Calc
Total Dissolved Solids (1)	2	2024/07/16	2024/07/17	CAM SOP-00428	SM 24 2540C m
Field Temperature (1, 9)	2	N/A	2024/07/16		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	2	2024/07/19	2024/07/22	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 11)	1	N/A	2024/07/19	CAM SOP-00446	SM 24 5310B m
Total Organic Carbon (TOC) (1, 11)	1	N/A	2024/07/22	CAM SOP-00446	SM 24 5310B m
Low Level Total Suspended Solids (1)	2	2024/07/16	2024/07/17	CAM SOP-00428	SM 24 2540D m
Turbidity (1)	2	N/A	2024/07/17	CAM SOP-00417	SM 24 2130 B
Un-ionized Ammonia (as N) (1, 12)	2	2024/07/16	2024/07/19	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, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.



Your P.O. #: 1368140
Site#: MBK
Your C.O.C. #: 928065

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2024/08/12
Report #: R8272525
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4L6375

Received: 2024/07/15, 09:15

- (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) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
- (7) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (8) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."
- (9) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (10) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (11) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (12) 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.

**RESULTS OF ANALYSES OF WATER**

Bureau Veritas ID		ZST570			ZST570		
Sampling Date		2024/07/10 13:35			2024/07/10 13:35		
COC Number		928065			928065		
	UNITS	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch
Calculated Parameters							
Total Ammonia (as NH ₃)	mg/L	0.079	0.061	9518367			
Ammonium (NH ₄)	mg/L	0.072	0.0088	9518368			
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	55	1.0	9518359			
Calculated TDS	mg/L	80	1.0	9517379			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9518359			
Sodium Adsorption Ratio	N/A	0.23 (1)		9518370			
CONVENTIONALS							
Redox Potential	mV	230	N/A	9518822			
Field Measurements							
Field Temperature	Celsius	19.66	N/A	ONSITE			
Field Measured pH	pH	8.64		ONSITE			
Inorganics							
Total Ammonia-N	mg/L	0.065	0.050	9519973			
Dissolved Bromide (Br ⁻)	mg/L	0.042	0.010	9540174			
Conductivity	umho/cm	150	1.0	9518826	150	1.0	9518826
Free Cyanide (CN)	ug/L	2.9 (2)	2.0	9556987			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050 (3)	0.00050	9530524			
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.00054 (4)	0.00050	9530999			
Total Dissolved Solids	mg/L	60	10	9516849			
Fluoride (F ⁻)	mg/L	0.38	0.10	9518824	0.36	0.10	9518824
Total Kjeldahl Nitrogen (TKN)	mg/L	0.11	0.10	9525564			
Dissolved Organic Carbon	mg/L	0.88	0.40	9520336			
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. (3) SAD Cyanide < WAD Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent. SAD Cyanide < Free Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent. (4) WAD Cyanide < Free Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent.							



BUREAU
VERITAS

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZST570			ZST570		
Sampling Date		2024/07/10 13:35			2024/07/10 13:35		
COC Number		928065			928065		
	UNITS	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch
Total Organic Carbon (TOC)	mg/L	1.4	0.40	9525203			
Orthophosphate (P)	mg/L	0.014	0.010	9515646			
pH	pH	7.87		9518825	7.96		9518825
Total Phosphorus (P)	mg/L	0.016	0.0010	9556990			
Reactive Silica (SiO ₂)	mg/L	5.8	0.050	9556989	5.7	0.050	9556989
Total Suspended Solids	mg/L	1	1	9516949			
Turbidity	NTU	<0.1	0.1	9518818			
Alkalinity (Total as CaCO ₃)	mg/L	56	1.0	9518823	57	1.0	9518823
Dissolved Chloride (Cl ⁻)	mg/L	2.9	1.0	9515618			
Nitrite (N)	mg/L	<0.010	0.010	9518816			
Nitrate (N)	mg/L	<0.10	0.10	9518816			
Dissolved Sulphate (SO ₄)	mg/L	10	0.50	9538388			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9518816			
Un-ionized Ammonia (as N)	mg/L	0.0094	0.0072	9518372			
Metals							
Dissolved Aluminum (Al)	ug/L	15.3	0.50	9565308			
Total Aluminum (Al)	ug/L	4.21	0.50	9565306			
Dissolved Antimony (Sb)	ug/L	0.122	0.020	9565308			
Total Antimony (Sb)	ug/L	0.158	0.020	9565306			
Dissolved Arsenic (As)	ug/L	40.8	0.020	9565308			
Total Arsenic (As)	ug/L	41.6	0.020	9565306			
Dissolved Barium (Ba)	ug/L	3.77	0.020	9565308			
Total Barium (Ba)	ug/L	3.39	0.020	9565306			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9565308			
Total Beryllium (Be)	ug/L	<0.010	0.010	9565306			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9565308			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9565306			
Dissolved Boron (B)	ug/L	25	10	9565308			
Total Boron (B)	ug/L	22	10	9565306			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9565308			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9565306			
Dissolved Chromium (Cr)	ug/L	0.12	0.10	9565308			
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							
Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZST570			ZST570		
Sampling Date		2024/07/10 13:35			2024/07/10 13:35		
COC Number		928065			928065		
	UNITS	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch
Total Chromium (Cr)	ug/L	<0.10	0.10	9565306			
Dissolved Copper (Cu)	ug/L	0.156	0.050	9565308			
Total Copper (Cu)	ug/L	0.117	0.050	9565306			
Dissolved Iron (Fe)	ug/L	58.2	1.0	9565308			
Total Iron (Fe)	ug/L	57.1	1.0	9565306			
Dissolved Lead (Pb)	ug/L	0.0590	0.0050	9565308			
Total Lead (Pb)	ug/L	0.0410	0.0050	9565306			
Dissolved Lithium (Li)	ug/L	1.46	0.50	9565308			
Total Lithium (Li)	ug/L	1.95	0.50	9565306			
Dissolved Manganese (Mn)	ug/L	59.8	0.050	9565308			
Total Manganese (Mn)	ug/L	65.9	0.050	9565306			
Dissolved Molybdenum (Mo)	ug/L	4.33	0.050	9565308			
Total Molybdenum (Mo)	ug/L	4.38	0.050	9565306			
Dissolved Nickel (Ni)	ug/L	0.491	0.020	9565308			
Total Nickel (Ni)	ug/L	0.464	0.020	9565306			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9565308			
Total Selenium (Se)	ug/L	<0.040	0.040	9565306			
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9565308			
Total Silver (Ag)	ug/L	<0.0050	0.0050	9565306			
Dissolved Strontium (Sr)	ug/L	92.2	0.050	9565308			
Total Strontium (Sr)	ug/L	95.9	0.050	9565306			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9565308			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9565306			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9565308			
Total Tin (Sn)	ug/L	<0.20	0.20	9565306			
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9565308			
Total Titanium (Ti)	ug/L	<0.50	0.50	9565306			
Dissolved Uranium (U)	ug/L	3.94	0.0020	9565308			
Total Uranium (U)	ug/L	4.05	0.0020	9565306			
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9565308			
Total Vanadium (V)	ug/L	<0.20	0.20	9565306			
Dissolved Zinc (Zn)	ug/L	1.09	0.10	9565308			
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							
Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4L6375
Report Date: 2024/08/12

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZST570			ZST570		
Sampling Date		2024/07/10 13:35			2024/07/10 13:35		
COC Number		928065			928065		
	UNITS	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch
Total Zinc (Zn)	ug/L	0.26	0.10	9565306			
Dissolved Calcium (Ca)	mg/L	13.1	0.050	9565307			
Total Calcium (Ca)	mg/L	14.0	0.050	9565305			
Dissolved Magnesium (Mg)	mg/L	4.99	0.050	9565307			
Total Magnesium (Mg)	mg/L	5.77	0.050	9565305			
Dissolved Potassium (K)	mg/L	1.76	0.050	9565307			
Total Potassium (K)	mg/L	1.89	0.050	9565305			
Dissolved Sodium (Na)	mg/L	3.70	0.050	9565307			
Total Sodium (Na)	mg/L	4.10	0.050	9565305			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZST571		
Sampling Date		2024/07/10 13:35		
COC Number		928065		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch
Calculated Parameters				
Total Ammonia (as NH ₃)	mg/L	0.071	0.061	9518367
Ammonium (NH ₄)	mg/L	0.065	0.0088	9518368
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	56	1.0	9518359
Calculated TDS	mg/L	79	1.0	9517379
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9518359
Sodium Adsorption Ratio	N/A	0.23 (1)		9518370
CONVENTIONALS				
Redox Potential	mV	230	N/A	9518822
Field Measurements				
Field Temperature	Celsius	19.66	N/A	ONSITE
Field Measured pH	pH	8.64		ONSITE
Inorganics				
Total Ammonia-N	mg/L	0.059	0.050	9519973
Dissolved Bromide (Br ⁻)	mg/L	0.028	0.010	9556991
Conductivity	umho/cm	150	1.0	9518826
Free Cyanide (CN)	ug/L	2.6 (2)	2.0	9556987
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00072 (3)	0.00050	9530524
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050 (4)	0.00050	9530999
Total Dissolved Solids	mg/L	65	10	9516849
Fluoride (F ⁻)	mg/L	0.38	0.10	9518824
Total Kjeldahl Nitrogen (TKN)	mg/L	0.11	0.10	9525564
Dissolved Organic Carbon	mg/L	0.90	0.40	9520336
Total Organic Carbon (TOC)	mg/L	1.4	0.40	9525203
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. (3) SAD Cyanide < Free Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent. (4) WAD Cyanide < Free Cyanide: Both values fall within the method uncertainty for duplicates and are likely equivalent.				



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZST571		
Sampling Date		2024/07/10 13:35		
COC Number		928065		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch
Orthophosphate (P)	mg/L	0.013	0.010	9515646
pH	pH	8.01		9518825
Total Phosphorus (P)	mg/L	0.014	0.0010	9556990
Reactive Silica (SiO ₂)	mg/L	5.6	0.050	9543252
Total Suspended Solids	mg/L	<1	1	9516949
Turbidity	NTU	<0.1	0.1	9518818
Alkalinity (Total as CaCO ₃)	mg/L	56	1.0	9518823
Dissolved Chloride (Cl ⁻)	mg/L	2.9	1.0	9515618
Nitrite (N)	mg/L	<0.010	0.010	9518816
Nitrate (N)	mg/L	<0.10	0.10	9518816
Dissolved Sulphate (SO ₄)	mg/L	10	0.50	9538388
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9518816
Un-ionized Ammonia (as N)	mg/L	0.0084	0.0072	9518372
Metals				
Dissolved Aluminum (Al)	ug/L	21.8	0.50	9565309
Total Aluminum (Al)	ug/L	232	0.50	9565306
Dissolved Antimony (Sb)	ug/L	0.105	0.020	9565309
Total Antimony (Sb)	ug/L	0.106	0.020	9565306
Dissolved Arsenic (As)	ug/L	42.1	0.020	9565309
Total Arsenic (As)	ug/L	38.3	0.020	9565306
Dissolved Barium (Ba)	ug/L	3.77	0.020	9565309
Total Barium (Ba)	ug/L	4.94	0.020	9565306
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9565309
Total Beryllium (Be)	ug/L	<0.010	0.010	9565306
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9565309
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9565306
Dissolved Boron (B)	ug/L	23	10	9565309
Total Boron (B)	ug/L	22	10	9565306
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9565309
Total Cadmium (Cd)	ug/L	0.0100	0.0050	9565306
Dissolved Chromium (Cr)	ug/L	0.18	0.10	9565309
Total Chromium (Cr)	ug/L	0.26	0.10	9565306
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZST571		
Sampling Date		2024/07/10 13:35		
COC Number		928065		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch
Dissolved Copper (Cu)	ug/L	0.314	0.050	9565309
Total Copper (Cu)	ug/L	0.701	0.050	9565306
Dissolved Iron (Fe)	ug/L	77.9	1.0	9565309
Total Iron (Fe)	ug/L	92.4	1.0	9565306
Dissolved Lead (Pb)	ug/L	0.0910	0.0050	9565309
Total Lead (Pb)	ug/L	0.317	0.0050	9565306
Dissolved Lithium (Li)	ug/L	1.59	0.50	9565309
Total Lithium (Li)	ug/L	2.23	0.50	9565306
Dissolved Manganese (Mn)	ug/L	62.8	0.050	9565309
Total Manganese (Mn)	ug/L	63.2	0.050	9565306
Dissolved Molybdenum (Mo)	ug/L	4.34	0.050	9565309
Total Molybdenum (Mo)	ug/L	4.28	0.050	9565306
Dissolved Nickel (Ni)	ug/L	0.566	0.020	9565309
Total Nickel (Ni)	ug/L	0.798	0.020	9565306
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9565309
Total Selenium (Se)	ug/L	<0.040	0.040	9565306
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9565309
Total Silver (Ag)	ug/L	0.0050	0.0050	9565306
Dissolved Strontium (Sr)	ug/L	91.5	0.050	9565309
Total Strontium (Sr)	ug/L	90.9	0.050	9565306
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9565309
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9565306
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9565309
Total Tin (Sn)	ug/L	<0.20	0.20	9565306
Dissolved Titanium (Ti)	ug/L	0.50	0.50	9565309
Total Titanium (Ti)	ug/L	1.03	0.50	9565306
Dissolved Uranium (U)	ug/L	3.92	0.0020	9565309
Total Uranium (U)	ug/L	3.77	0.0020	9565306
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9565309
Total Vanadium (V)	ug/L	2.01	0.20	9565306
Dissolved Zinc (Zn)	ug/L	13.3	0.10	9565309
Total Zinc (Zn)	ug/L	11.1	0.10	9565306
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ZST571		
Sampling Date		2024/07/10 13:35		
COC Number		928065		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch
Dissolved Calcium (Ca)	mg/L	13.9	0.050	9565307
Total Calcium (Ca)	mg/L	14.5	0.050	9565305
Dissolved Magnesium (Mg)	mg/L	5.52	0.050	9565307
Total Magnesium (Mg)	mg/L	5.69	0.050	9565305
Dissolved Potassium (K)	mg/L	1.75	0.050	9565307
Total Potassium (K)	mg/L	1.86	0.050	9565305
Dissolved Sodium (Na)	mg/L	3.83	0.050	9565307
Total Sodium (Na)	mg/L	4.44	0.050	9565305
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C4L6375
Report Date: 2024/08/12

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ZST570			ZST570			ZST571		
Sampling Date		2024/07/10 13:35			2024/07/10 13:35			2024/07/10 13:35		
COC Number		928065			928065			928065		
	UNITS	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch	MW-IPD-01(s)B	RDL	QC Batch
Calculated Parameters										
Total Hardness (CaCO3)	mg/L	58.8	0.50	9565304				59.6	0.50	9565304
Metals										
Dissolved Calcium (Ca)	mg/L	15	0.05	9523498				15	0.05	9523498
Dissolved Magnesium (Mg)	mg/L	5.9	0.05	9523498				5.8	0.05	9523498
Mercury (Hg)	mg/L	<0.00001	0.00001	9522824	<0.00001	0.00001	9522824	<0.00001	0.00001	9522824
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	9522815				<0.00001	0.00001	9522815
Dissolved Potassium (K)	mg/L	2	1	9523498				2	1	9523498
Dissolved Sodium (Na)	mg/L	4.2	0.5	9523498				4.1	0.5	9523498
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										

Bureau Veritas ID		ZST571		
Sampling Date		2024/07/10 13:35		
COC Number		928065		
	UNITS	MW-IPD-01(s)B Lab-Dup	RDL	QC Batch
Metals				
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	9522815
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate				



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZST570
Sample ID: MW-IPD-01(s)A
Matrix: Water

Collected: 2024/07/10
Shipped:
Received: 2024/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9518823	N/A	2024/07/17	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9518359	N/A	2024/07/18	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9515618	N/A	2024/07/17	Massarat Jan
Conductivity	AT	9518826	N/A	2024/07/17	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9520336	N/A	2024/07/17	Gyulshen Idriz
Fluoride	ISE	9518824	2024/07/16	2024/07/17	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9522815	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9522824	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9523498	2024/07/18	2024/07/19	Suban Kanapathipplai
Bromide in water by IC	IC/UV	9540174	N/A	2024/07/24	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9538388	N/A	2024/07/19	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9556987	N/A	2024/07/23	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9530524	2024/07/22	2024/07/22	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9530999	N/A	2024/07/22	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9565304	N/A	2024/07/22	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9565307	N/A	2024/08/08	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9565308	N/A	2024/08/08	Megan Mak
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9565305	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9565306	N/A	2024/07/21	Megan Mak
Silica (Reactive)	KONE	9556989	N/A	2024/07/25	Tyler Orr
Total Phosphorus Low Level Total	KONE	9556990	2024/07/22	2024/07/23	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9518367	N/A	2024/07/19	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9518368	N/A	2024/07/19	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9519973	N/A	2024/07/18	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9518816	N/A	2024/07/17	Jinal Chavda
pH	AT	9518825	2024/07/16	2024/07/17	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/16	Arshdeep Kaur
Orthophosphate	SKAL	9515646	N/A	2024/07/17	Massarat Jan
Redox Potential	COND	9518822	2024/07/16	2024/07/17	Gurpartee KAUAR
Sodium Adsorption Ratio (SAR)	CALC/MET	9518370	N/A	2024/07/22	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9517379	N/A	2024/08/09	Automated Statchk
Total Dissolved Solids	BAL	9516849	2024/07/16	2024/07/17	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/16	Arshdeep Kaur
Total Kjeldahl Nitrogen in Water	SKAL	9525564	2024/07/19	2024/07/22	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9525203	N/A	2024/07/19	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9516949	2024/07/16	2024/07/17	Madhav Somani
Turbidity	AT	9518818	N/A	2024/07/17	Gurpartee KAUAR
Un-ionized Ammonia (as N)	CALC	9518372	2024/07/19	2024/07/19	Automated Statchk

Bureau Veritas ID: ZST570 Dup
Sample ID: MW-IPD-01(s)A
Matrix: Water

Collected: 2024/07/10
Shipped:
Received: 2024/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9518823	N/A	2024/07/17	Nachiketa Gohil
Conductivity	AT	9518826	N/A	2024/07/17	Nachiketa Gohil



**BUREAU
VERITAS**

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZST570 Dup
Sample ID: MW-IPD-01(s)A
Matrix: Water

Collected: 2024/07/10
Shipped:
Received: 2024/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Fluoride	ISE	9518824	2024/07/16	2024/07/17	Nachiketa Gohil
Mercury (low level)	CV/AA	9522824	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Silica (Reactive)	KONE	9556989	N/A	2024/07/25	Tyler Orr
pH	AT	9518825	2024/07/16	2024/07/17	Nachiketa Gohil

Bureau Veritas ID: ZST571
Sample ID: MW-IPD-01(s)B
Matrix: Water

Collected: 2024/07/10
Shipped:
Received: 2024/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9518823	N/A	2024/07/17	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9518359	N/A	2024/07/18	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9515618	N/A	2024/07/17	Massarat Jan
Conductivity	AT	9518826	N/A	2024/07/17	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9520336	N/A	2024/07/17	Gyulshen Idriz
Fluoride	ISE	9518824	2024/07/16	2024/07/17	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9522815	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9522824	2024/07/18	2024/07/18	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9523498	2024/07/18	2024/07/19	Suban Kanapathippilai
Bromide in water by IC	IC/UV	9556991	N/A	2024/07/25	Guelly van Ydia
Low Level Chloride and Sulphate by AC	KONE	9538388	N/A	2024/07/19	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9556987	N/A	2024/07/23	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9530524	2024/07/22	2024/07/22	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9530999	N/A	2024/07/22	Ye Hyun KIM
Hardness Total (calculated as CaCO3)	CALC	9565304	N/A	2024/07/22	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9565307	N/A	2024/07/20	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9565309	N/A	2024/07/20	Megan Mak
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9565305	N/A	2024/07/22	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9565306	N/A	2024/07/21	Megan Mak
Silica (Reactive)	KONE	9543252	N/A	2024/07/25	Tyler Orr
Total Phosphorus Low Level Total	KONE	9556990	2024/07/22	2024/07/23	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	9518367	N/A	2024/07/19	Automated Statchk
Ammonium as NH4+	CALC/NH3	9518368	N/A	2024/07/19	Automated Statchk
Total Ammonia-N	SKAL/NH4	9519973	N/A	2024/07/18	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9518816	N/A	2024/07/17	Jinal Chavda
pH	AT	9518825	2024/07/16	2024/07/17	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/07/16	Arshdeep Kaur
Orthophosphate	SKAL	9515646	N/A	2024/07/17	Massarat Jan
Redox Potential	COND	9518822	2024/07/16	2024/07/17	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9518370	N/A	2024/07/22	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9517379	N/A	2024/08/09	Automated Statchk
Total Dissolved Solids	BAL	9516849	2024/07/16	2024/07/17	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/07/16	Arshdeep Kaur
Total Kjeldahl Nitrogen in Water	SKAL	9525564	2024/07/19	2024/07/22	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9525203	N/A	2024/07/22	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9516949	2024/07/16	2024/07/17	Madhav Somani



BUREAU
VERITAS

Bureau Veritas Job #: C4L6375
Report Date: 2024/08/12

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

TEST SUMMARY

Bureau Veritas ID: ZST571
Sample ID: MW-IPD-01(s)B
Matrix: Water

Collected: 2024/07/10
Shipped:
Received: 2024/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Turbidity	AT	9518818	N/A	2024/07/17	Gurpartee K AUR
Un-ionized Ammonia (as N)	CALC	9518372	2024/07/19	2024/07/19	Automated Statchk

Bureau Veritas ID: ZST571 Dup
Sample ID: MW-IPD-01(s)B
Matrix: Water

Collected: 2024/07/10
Shipped:
Received: 2024/07/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Mercury (low level)	CV/AA	9522815	2024/07/18	2024/07/18	Aswathy Neduveli Suresh



GENERAL COMMENTS

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

Package 1	23.7°C
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Results relate only to the items tested.

BUREAU
VERITAS

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9515618	Dissolved Chloride (Cl-)	2024/07/17	NC	80 - 120	97	80 - 120	<1.0	mg/L				
9515646	Orthophosphate (P)	2024/07/17	104	75 - 125	94	80 - 120	<0.010	mg/L	NC	20		
9516849	Total Dissolved Solids	2024/07/17			95	80 - 120	<10	mg/L	2.7	20		
9516949	Total Suspended Solids	2024/07/17			99	80 - 120	<1	mg/L	0	20		
9518816	Nitrate (N)	2024/07/17	91	80 - 120	95	80 - 120	<0.10	mg/L	4.7	20		
9518816	Nitrite (N)	2024/07/17	NC	80 - 120	99	80 - 120	<0.010	mg/L	2.1	20		
9518818	Turbidity	2024/07/17			95	80 - 120	<0.1	NTU	2.9	20		
9518822	Redox Potential	2024/07/17			99	80 - 120			0.058	20		
9518823	Alkalinity (Total as CaCO3)	2024/07/17			96	85 - 115	<1.0	mg/L	2.2	20		
9518824	Fluoride (F-)	2024/07/17	94	80 - 120	98	80 - 120	<0.10	mg/L	5.6	20		
9518825	pH	2024/07/17			102	98 - 103			1.1	N/A		
9518826	Conductivity	2024/07/17			104	85 - 115	<1.0	umho/cm	0.21	10		
9519973	Total Ammonia-N	2024/07/18	97	75 - 125	99	80 - 120	<0.050	mg/L	NC	20		
9520336	Dissolved Organic Carbon	2024/07/17	93	80 - 120	96	80 - 120	<0.40	mg/L	1.4	20		
9522815	Dissolved Mercury (Hg)	2024/07/18	92	75 - 125	92	80 - 120	<0.00001	mg/L	NC	20		
9522824	Mercury (Hg)	2024/07/18	92	75 - 125	94	80 - 120	<0.00001	mg/L	NC	20		
9523498	Dissolved Calcium (Ca)	2024/07/19	NC	80 - 120	99	80 - 120	<0.05	mg/L	3.5	20		
9523498	Dissolved Magnesium (Mg)	2024/07/19	96	80 - 120	101	80 - 120	<0.05	mg/L	4.0	20		
9523498	Dissolved Potassium (K)	2024/07/19	98	80 - 120	100	80 - 120	<1	mg/L	5.2	20		
9523498	Dissolved Sodium (Na)	2024/07/19	NC	80 - 120	100	80 - 120	<0.5	mg/L	3.0	20		
9525203	Total Organic Carbon (TOC)	2024/07/19	90	80 - 120	100	80 - 120	<0.40	mg/L	0.98	20		
9525564	Total Kjeldahl Nitrogen (TKN)	2024/07/22	NC	80 - 120	98	80 - 120	<0.10	mg/L	4.8	20	96	80 - 120
9530524	Strong Acid Dissoc. Cyanide (CN)	2024/07/22	92	80 - 120	95	80 - 120	<0.00050	mg/L				
9530999	Weak Acid Dissoc. Cyanide (CN)	2024/07/22	88	80 - 120	97	80 - 120	<0.00050	mg/L				
9538388	Dissolved Sulphate (SO4)	2024/07/19	NC	80 - 120	94	80 - 120	<0.50	mg/L				
9540174	Dissolved Bromide (Br-)	2024/07/24	100	80 - 120	102	80 - 120	<0.010	mg/L				
9543252	Reactive Silica (SiO2)	2024/07/25	NC	80 - 120	104	80 - 120	<0.050	mg/L				
9556987	Free Cyanide (CN)	2024/07/23	83	80 - 120	91	80 - 120	<2.0	ug/L				
9556989	Reactive Silica (SiO2)	2024/07/25	NC	80 - 120	103	80 - 120	<0.050	mg/L	2.0	20		
9556990	Total Phosphorus (P)	2024/07/23	110	80 - 120	100	80 - 120	<0.0010	mg/L			92	80 - 120
9556991	Dissolved Bromide (Br-)	2024/07/25	96	80 - 120	93	80 - 120	<0.010	mg/L				

BUREAU
VERITAS

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9565306	Total Aluminum (Al)	2024/07/21	104	80 - 120	103	80 - 120	<0.50	ug/L				
9565306	Total Antimony (Sb)	2024/07/21	102	80 - 120	104	80 - 120	<0.020	ug/L				
9565306	Total Arsenic (As)	2024/07/21	100	80 - 120	102	80 - 120	<0.020	ug/L				
9565306	Total Barium (Ba)	2024/07/21	96	80 - 120	100	80 - 120	<0.020	ug/L				
9565306	Total Beryllium (Be)	2024/07/21	110	80 - 120	102	80 - 120	<0.010	ug/L				
9565306	Total Bismuth (Bi)	2024/07/21	98	80 - 120	99	80 - 120	<0.0050	ug/L				
9565306	Total Boron (B)	2024/07/21	111	80 - 120	106	80 - 120	<10	ug/L				
9565306	Total Cadmium (Cd)	2024/07/21	104	80 - 120	103	80 - 120	<0.0050	ug/L				
9565306	Total Chromium (Cr)	2024/07/21	102	80 - 120	105	80 - 120	<0.10	ug/L				
9565306	Total Copper (Cu)	2024/07/21	97	80 - 120	102	80 - 120	<0.050	ug/L				
9565306	Total Iron (Fe)	2024/07/21	100	80 - 120	103	80 - 120	<1.0	ug/L				
9565306	Total Lead (Pb)	2024/07/21	101	80 - 120	101	80 - 120	<0.0050	ug/L				
9565306	Total Lithium (Li)	2024/07/21	110	80 - 120	100	80 - 120	<0.50	ug/L				
9565306	Total Manganese (Mn)	2024/07/21	100	80 - 120	104	80 - 120	<0.050	ug/L				
9565306	Total Molybdenum (Mo)	2024/07/21	106	80 - 120	105	80 - 120	<0.050	ug/L				
9565306	Total Nickel (Ni)	2024/07/21	97	80 - 120	103	80 - 120	0.023, RDL=0.020	ug/L				
9565306	Total Selenium (Se)	2024/07/21	103	80 - 120	103	80 - 120	<0.040	ug/L				
9565306	Total Silver (Ag)	2024/07/21	104	80 - 120	104	80 - 120	<0.0050	ug/L				
9565306	Total Strontium (Sr)	2024/07/21	NC	80 - 120	100	80 - 120	<0.050	ug/L				
9565306	Total Thallium (Tl)	2024/07/21	100	80 - 120	101	80 - 120	<0.0020	ug/L				
9565306	Total Tin (Sn)	2024/07/21	105	80 - 120	102	80 - 120	<0.20	ug/L				
9565306	Total Titanium (Ti)	2024/07/21	101	80 - 120	105	80 - 120	<0.50	ug/L				
9565306	Total Uranium (U)	2024/07/21	104	80 - 120	103	80 - 120	<0.0020	ug/L				
9565306	Total Vanadium (V)	2024/07/21	103	80 - 120	105	80 - 120	<0.20	ug/L				
9565306	Total Zinc (Zn)	2024/07/21	101	80 - 120	106	80 - 120	<0.10	ug/L				
9565308	Dissolved Aluminum (Al)	2024/08/08	94	80 - 120	100	80 - 120	<0.50	ug/L				
9565308	Dissolved Antimony (Sb)	2024/08/08	106	80 - 120	104	80 - 120	<0.020	ug/L				
9565308	Dissolved Arsenic (As)	2024/08/08	97	80 - 120	98	80 - 120	<0.020	ug/L				
9565308	Dissolved Barium (Ba)	2024/08/08	99	80 - 120	101	80 - 120	<0.020	ug/L				
9565308	Dissolved Beryllium (Be)	2024/08/08	89	80 - 120	92	80 - 120	<0.010	ug/L				
9565308	Dissolved Bismuth (Bi)	2024/08/08	100	80 - 120	100	80 - 120	<0.0050	ug/L				

BUREAU
VERITAS

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9565308	Dissolved Boron (B)	2024/08/08	99	80 - 120	100	80 - 120	<10	ug/L				
9565308	Dissolved Cadmium (Cd)	2024/08/08	98	80 - 120	98	80 - 120	<0.0050	ug/L				
9565308	Dissolved Chromium (Cr)	2024/08/08	97	80 - 120	100	80 - 120	<0.10	ug/L				
9565308	Dissolved Copper (Cu)	2024/08/08	95	80 - 120	97	80 - 120	<0.050	ug/L				
9565308	Dissolved Iron (Fe)	2024/08/08	99	80 - 120	99	80 - 120	<1.0	ug/L				
9565308	Dissolved Lead (Pb)	2024/08/08	98	80 - 120	97	80 - 120	<0.0050	ug/L				
9565308	Dissolved Lithium (Li)	2024/08/08	88	80 - 120	89	80 - 120	<0.50	ug/L				
9565308	Dissolved Manganese (Mn)	2024/08/08	NC	80 - 120	97	80 - 120	<0.050	ug/L				
9565308	Dissolved Molybdenum (Mo)	2024/08/08	107	80 - 120	106	80 - 120	<0.050	ug/L				
9565308	Dissolved Nickel (Ni)	2024/08/08	94	80 - 120	96	80 - 120	<0.020	ug/L				
9565308	Dissolved Selenium (Se)	2024/08/08	99	80 - 120	97	80 - 120	<0.040	ug/L				
9565308	Dissolved Silver (Ag)	2024/08/08	99	80 - 120	99	80 - 120	<0.0050	ug/L				
9565308	Dissolved Strontium (Sr)	2024/08/08	NC	80 - 120	99	80 - 120	<0.050	ug/L				
9565308	Dissolved Thallium (Tl)	2024/08/08	102	80 - 120	102	80 - 120	<0.0020	ug/L				
9565308	Dissolved Tin (Sn)	2024/08/08	102	80 - 120	103	80 - 120	<0.20	ug/L				
9565308	Dissolved Titanium (Ti)	2024/08/08	99	80 - 120	97	80 - 120	<0.50	ug/L				
9565308	Dissolved Uranium (U)	2024/08/08	105	80 - 120	103	80 - 120	<0.0020	ug/L				
9565308	Dissolved Vanadium (V)	2024/08/08	98	80 - 120	100	80 - 120	<0.20	ug/L				
9565308	Dissolved Zinc (Zn)	2024/08/08	95	80 - 120	96	80 - 120	<0.10	ug/L				
9565309	Dissolved Aluminum (Al)	2024/07/20	101	80 - 120	101	80 - 120	<0.50	ug/L				
9565309	Dissolved Antimony (Sb)	2024/07/20	105	80 - 120	101	80 - 120	<0.020	ug/L				
9565309	Dissolved Arsenic (As)	2024/07/20	106	80 - 120	101	80 - 120	<0.020	ug/L				
9565309	Dissolved Barium (Ba)	2024/07/20	102	80 - 120	99	80 - 120	<0.020	ug/L				
9565309	Dissolved Beryllium (Be)	2024/07/20	99	80 - 120	101	80 - 120	<0.010	ug/L				
9565309	Dissolved Bismuth (Bi)	2024/07/20	98	80 - 120	97	80 - 120	<0.0050	ug/L				
9565309	Dissolved Boron (B)	2024/07/20	102	80 - 120	103	80 - 120	<10	ug/L				
9565309	Dissolved Cadmium (Cd)	2024/07/20	103	80 - 120	99	80 - 120	<0.0050	ug/L				
9565309	Dissolved Chromium (Cr)	2024/07/20	103	80 - 120	101	80 - 120	<0.10	ug/L				
9565309	Dissolved Copper (Cu)	2024/07/20	97	80 - 120	98	80 - 120	<0.050	ug/L				
9565309	Dissolved Iron (Fe)	2024/07/20	106	80 - 120	101	80 - 120	<1.0	ug/L				
9565309	Dissolved Lead (Pb)	2024/07/20	99	80 - 120	98	80 - 120	<0.0050	ug/L				
9565309	Dissolved Lithium (Li)	2024/07/20	96	80 - 120	99	80 - 120	<0.50	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C4L6375

Report Date: 2024/08/12

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 1368140

Sampler Initials: TD

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
9565309	Dissolved Manganese (Mn)	2024/07/20	95	80 - 120	98	80 - 120	<0.050	ug/L				
9565309	Dissolved Molybdenum (Mo)	2024/07/20	110	80 - 120	106	80 - 120	<0.050	ug/L				
9565309	Dissolved Nickel (Ni)	2024/07/20	98	80 - 120	99	80 - 120	<0.020	ug/L				
9565309	Dissolved Selenium (Se)	2024/07/20	104	80 - 120	102	80 - 120	<0.040	ug/L				
9565309	Dissolved Silver (Ag)	2024/07/20	103	80 - 120	99	80 - 120	<0.0050	ug/L				
9565309	Dissolved Strontium (Sr)	2024/07/20	NC	80 - 120	96	80 - 120	<0.050	ug/L				
9565309	Dissolved Thallium (Tl)	2024/07/20	100	80 - 120	97	80 - 120	<0.0020	ug/L				
9565309	Dissolved Tin (Sn)	2024/07/20	105	80 - 120	104	80 - 120	<0.20	ug/L				
9565309	Dissolved Titanium (Ti)	2024/07/20	103	80 - 120	97	80 - 120	<0.50	ug/L				
9565309	Dissolved Uranium (U)	2024/07/20	103	80 - 120	99	80 - 120	0.0020, RDL=0.0020 (1)	ug/L				
9565309	Dissolved Vanadium (V)	2024/07/20	105	80 - 120	100	80 - 120	<0.20	ug/L				
9565309	Dissolved Zinc (Zn)	2024/07/20	101	80 - 120	101	80 - 120	0.17, RDL=0.10 (1)	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) Method Blank exceeds acceptance limits - 2X RDL acceptable for low level metals determination.



VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Supervisor-Afternoon Shift

Cristina Carriere, Senior Scientific Specialist

David Huang, BBY 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 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 #: C4L6375
Report Date: 2024/08/12

Agnico Eagle
Your P.O. #: 1368140
Sampler Initials: TD

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.						

APPENDIX C-V ANALYTICAL REPORT NO. R8338190

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-16-01	MW-16-01A	ABPH77
	MW-16-01B	ABPH78



Your P.O. #: 1368140
Site Location: Meadowbank
Your C.O.C. #: 954382

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/09/27
Report #: R8338190
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4R2370

Received: 2024/08/31, 09:05

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity	2	N/A	2024/09/05	CAM SOP-00448	SM 24 2320 B m
Carbonate, Bicarbonate and Hydroxide	2	N/A	2024/09/06	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry	2	N/A	2024/09/11	CAM SOP-00463	SM 24 4500-Cl E m
Conductivity	2	N/A	2024/09/05	CAM SOP-00414	SM 24 2510 m
Dissolved Organic Carbon (DOC) (3)	2	N/A	2024/09/04	CAM SOP-00446	SM 24 5310 B m
Fluoride	2	2024/09/04	2024/09/05	CAM SOP-00449	SM 24 4500-F C m
Dissolved Mercury in Water by CVAA	2	2024/09/06	2024/09/06	CAM SOP-00453	EPA 7470A m
Mercury in Water by CVAA	1	2024/09/06	2024/09/06	CAM SOP-00453	EPA 7470A m
Mercury in Water by CVAA	1	2024/09/09	2024/09/09	CAM SOP-00453	EPA 7470A m
Lab Filtered Metals Analysis by ICP	2	2024/09/05	2024/09/06	CAM SOP-00408	EPA 6010D m
Low Level Chloride and Sulphate by AC (1)	2	N/A	2024/09/09	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (Free) (1)	2	N/A	2024/09/10	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (1)	2	2024/09/11	2024/09/12	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (1)	2	N/A	2024/09/12	CAL SOP-00270	SM 24 4500-CN m
Hardness Total (calculated as CaCO3) (2, 4)	2	N/A	2024/09/09	BBY WI-00033	Auto Calc
Bromide as Bromine (Br) by ICPMS (2)	2	N/A	2024/09/16	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	2	N/A	2024/09/06	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (2, 5)	1	N/A	2024/09/10	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (dissolved) (2, 5)	1	N/A	2024/09/06	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	2	N/A	2024/09/09	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (2)	2	N/A	2024/09/06	BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (1)	2	N/A	2024/09/12	AB SOP-00011	EPA 370.1 R1978 m
Total Phosphorus Low Level Total (1)	2	2024/09/06	2024/09/09	AB SOP-00024	SM 24 4500-P A,B,F m
Total Ammonia (as NH3)	2	N/A	2024/09/04	Auto Calc.	
Ammonium as NH4+	2	N/A	2024/09/04		
Total Ammonia-N	2	N/A	2024/09/04	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (6)	2	N/A	2024/09/06	CAM SOP-00440	SM 24 4500-NO3I/NO2B
pH (7)	2	2024/09/04	2024/09/05	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (8)	2	N/A	2024/08/31		Field pH Meter
Orthophosphate	2	N/A	2024/09/04	CAM SOP-00461	SM 24 4500-P E



Your P.O. #: 1368140
Site Location: Meadowbank
Your C.O.C. #: 954382

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/09/27
Report #: R8338190
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4R2370

Received: 2024/08/31, 09:05

Sample Matrix: Water
Samples Received: 2

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Redox Potential (9)	2	2024/09/04	2024/09/06	CAM SOP-00421	SM 24 2580 B
Sodium Adsorption Ratio (SAR)	2	N/A	2024/09/06	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (TDS calc)	2	N/A	2024/09/27		Auto Calc
Total Dissolved Solids	2	2024/09/04	2024/09/05	CAM SOP-00428	SM 24 2540C m
Field Temperature (8)	2	N/A	2024/08/31		Field Thermometer
Total Kjeldahl Nitrogen in Water	2	2024/09/04	2024/09/05	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (10)	2	N/A	2024/09/04	CAM SOP-00446	SM 24 5310B m
Low Level Total Suspended Solids	2	2024/09/04	2024/09/05	CAM SOP-00428	SM 24 2540D m
Turbidity	2	N/A	2024/09/04	CAM SOP-00417	SM 24 2130 B
Un-ionized Ammonia (as N) (11)	2	2024/09/04	2024/09/04	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, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.



Your P.O. #: 1368140
Site Location: Meadowbank
Your C.O.C. #: 954382

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2024/09/27
Report #: R8338190
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4R2370

Received: 2024/08/31, 09:05

* 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) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
- (4) "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).
- (5) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
- (6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (7) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."
- (8) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (9) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (10) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (11) 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

=====

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 #: C4R2370

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABPH77			ABPH77			ABPH78		
Sampling Date		2024/08/27 13:35			2024/08/27 13:35			2024/08/27 13:35		
COC Number		954382			954382			954382		
	UNITS	MW-16-01A	RDL	QC Batch	MW-16-01A Lab-Dup	RDL	QC Batch	MW-16-01B	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH3)	mg/L	9.0	0.061	9615301				9.0	0.061	9615301
Ammonium (NH4)	mg/L	9.4	0.00092	9615302				9.4	0.00092	9615302
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	130	1.0	9615299				130	1.0	9615299
Calculated TDS	mg/L	2600	1.0	9615295				2700	1.0	9615295
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	9615299				<1.0	1.0	9615299
Sodium Adsorption Ratio	N/A	4.6		9615293				4.6		9615293

CONVENTIONALS										
Redox Potential	mV	410	N/A	9617788	350	N/A	9617788	340	N/A	9617788

Field Measurements										
Field Temperature	Celsius	13.70	N/A	ONSITE				13.70	N/A	ONSITE
Field Measured pH	pH	7.79		ONSITE				7.79		ONSITE

Inorganics										
Total Ammonia-N	mg/L	7.4	0.050	9615770				7.4	0.050	9615770
Conductivity	umho/cm	3500	1.0	9617830	3500	1.0	9617830	3500	1.0	9617830
Free Cyanide (CN)	ug/L	23	2.0	9631099				23 (1)	2.0	9631099
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.0461	0.00050	9638229				0.0447	0.00050	9638229
Weak Acid Dissoc. Cyanide (CN)	mg/L	0.025	0.00050	9638226				0.032	0.00050	9638226
Total Dissolved Solids	mg/L	2730	10	9616048				2670	10	9616048
Fluoride (F-)	mg/L	0.40	0.10	9617831	0.39	0.10	9617831	0.40	0.10	9617831
Total Kjeldahl Nitrogen (TKN)	mg/L	37	5.0	9615756				36	5.0	9615756
Dissolved Organic Carbon	mg/L	28	0.40	9616024				27	0.40	9616024
Total Organic Carbon (TOC)	mg/L	29	0.40	9615779				29	0.40	9615779
Orthophosphate (P)	mg/L	<0.010	0.010	9616757				<0.010	0.010	9616757
pH	pH	7.74		9617829	7.77		9617829	7.76		9617829
Total Phosphorus (P)	mg/L	0.015	0.0010	9627054				0.014	0.0010	9627054
Reactive Silica (SiO2)	mg/L	9.9	0.050	9638228				9.8	0.050	9638228
Total Suspended Solids	mg/L	14	1	9616037				13	1	9616037

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 #: C4R2370
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: GS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABPH77			ABPH77			ABPH78		
Sampling Date		2024/08/27 13:35			2024/08/27 13:35			2024/08/27 13:35		
COC Number		954382			954382			954382		
	UNITS	MW-16-01A	RDL	QC Batch	MW-16-01A Lab-Dup	RDL	QC Batch	MW-16-01B	RDL	QC Batch
Turbidity	NTU	75	0.1	9616202				79	0.1	9616202
Alkalinity (Total as CaCO ₃)	mg/L	130	1.0	9617832	130	1.0	9617832	130	1.0	9617832
Dissolved Chloride (Cl ⁻)	mg/L	270	5.0	9616760				280	5.0	9616760
Nitrite (N)	mg/L	<0.010	0.010	9617797				<0.010	0.010	9617797
Nitrate (N)	mg/L	<0.10	0.10	9617797				<0.10	0.10	9617797
Dissolved Sulphate (SO ₄)	mg/L	1500	13	9638227				1500	13	9638227
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9617797				<0.10	0.10	9617797
Un-ionized Ammonia (as N)	mg/L	0.11	0.00075	9615297				0.11	0.00075	9615297
Metals										
Dissolved Aluminum (Al)	ug/L	41.3	1.0	9643025				54.2	1.0	9629997
Total Aluminum (Al)	ug/L	92.0	1.0	9643028				26.3	1.0	9643028
Dissolved Antimony (Sb)	ug/L	0.105	0.040	9643025				0.053	0.040	9643025
Total Antimony (Sb)	ug/L	<0.040	0.040	9643028				<0.040	0.040	9643028
Dissolved Arsenic (As)	ug/L	51.2	0.040	9643025				51.9	0.040	9643025
Total Arsenic (As)	ug/L	52.3	0.040	9643028				52.7	0.040	9643028
Dissolved Barium (Ba)	ug/L	24.2	0.040	9643025				23.8	0.040	9643025
Total Barium (Ba)	ug/L	23.6	0.040	9643028				23.3	0.040	9643028
Dissolved Beryllium (Be)	ug/L	<0.020	0.020	9643025				<0.020	0.020	9643025
Total Beryllium (Be)	ug/L	<0.020	0.020	9643028				<0.020	0.020	9643028
Dissolved Bismuth (Bi)	ug/L	<0.010	0.010	9643025				<0.010	0.010	9643025
Total Bismuth (Bi)	ug/L	<0.010	0.010	9643028				<0.010	0.010	9643028
Dissolved Boron (B)	ug/L	98	20	9643025				101	20	9643025
Total Boron (B)	ug/L	89	20	9643028				100	20	9643028
Dissolved Cadmium (Cd)	ug/L	<0.010	0.010	9643025				<0.010	0.010	9643025
Total Cadmium (Cd)	ug/L	0.011	0.010	9643028				<0.010	0.010	9643028
Dissolved Chromium (Cr)	ug/L	0.38	0.20	9643025				0.28	0.20	9643025
Total Chromium (Cr)	ug/L	0.72	0.20	9643028				0.50	0.20	9643028
Dissolved Copper (Cu)	ug/L	0.72	0.10	9643025				0.54	0.10	9643025
Total Copper (Cu)	ug/L	0.92	0.10	9643028				0.98	0.10	9643028
Dissolved Iron (Fe)	ug/L	4570	2.0	9643025				4480	2.0	9643025
Total Iron (Fe)	ug/L	4840	2.0	9643028				4910	2.0	9643028
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R2370
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: GS

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABPH77			ABPH77			ABPH78		
Sampling Date		2024/08/27 13:35			2024/08/27 13:35			2024/08/27 13:35		
COC Number		954382			954382			954382		
	UNITS	MW-16-01A	RDL	QC Batch	MW-16-01A Lab-Dup	RDL	QC Batch	MW-16-01B	RDL	QC Batch
Dissolved Lead (Pb)	ug/L	0.523	0.010	9643025				0.208	0.010	9643025
Total Lead (Pb)	ug/L	1.01	0.010	9643028				0.414	0.010	9643028
Dissolved Lithium (Li)	ug/L	7.0	1.0	9643025				7.0	1.0	9643025
Total Lithium (Li)	ug/L	6.7	1.0	9643028				7.2	1.0	9643028
Dissolved Manganese (Mn)	ug/L	2560	0.10	9643025				2540	0.10	9643025
Total Manganese (Mn)	ug/L	2520	0.10	9643028				2590	0.10	9643028
Dissolved Molybdenum (Mo)	ug/L	75.0	0.10	9643025				76.2	0.10	9643025
Total Molybdenum (Mo)	ug/L	72.2	0.10	9643028				76.5	0.10	9643028
Dissolved Nickel (Ni)	ug/L	2.21	0.040	9643025				3.22	0.040	9629997
Total Nickel (Ni)	ug/L	2.47	0.040	9643028				2.19	0.040	9643028
Dissolved Selenium (Se)	ug/L	<0.080	0.080	9643025				<0.080	0.080	9643025
Total Selenium (Se)	ug/L	<0.080	0.080	9643028				<0.080	0.080	9643028
Dissolved Silver (Ag)	ug/L	<0.010	0.010	9643025				<0.010	0.010	9643025
Total Silver (Ag)	ug/L	<0.010	0.010	9643028				<0.010	0.010	9643028
Dissolved Strontium (Sr)	ug/L	1070	0.10	9643025				1080	0.10	9643025
Total Strontium (Sr)	ug/L	1050	0.10	9643028				1090	0.10	9643028
Dissolved Thallium (Tl)	ug/L	0.0041	0.0040	9643025				<0.0040	0.0040	9643025
Total Thallium (Tl)	ug/L	0.0047	0.0040	9643028				<0.0040	0.0040	9643028
Dissolved Tin (Sn)	ug/L	<0.40	0.40	9643025				<0.40	0.40	9643025
Total Tin (Sn)	ug/L	<0.40	0.40	9643028				<0.40	0.40	9643028
Dissolved Titanium (Ti)	ug/L	<1.0	1.0	9643025				<1.0	1.0	9643025
Total Titanium (Ti)	ug/L	1.1	1.0	9643028				<1.0	1.0	9643028
Dissolved Uranium (U)	ug/L	7.11	0.0040	9643025				7.12	0.0040	9643025
Total Uranium (U)	ug/L	6.68	0.0040	9643028				7.14	0.0040	9643028
Dissolved Vanadium (V)	ug/L	<0.40	0.40	9643025				0.73	0.40	9643025
Total Vanadium (V)	ug/L	<0.40	0.40	9643028				<0.40	0.40	9643028
Dissolved Zinc (Zn)	ug/L	31.0	0.20	9643025				12.5	0.20	9643025
Total Zinc (Zn)	ug/L	37.1	0.20	9643028				20.9	0.20	9643028
Dissolved Calcium (Ca)	mg/L	296	0.10	9643023				291	0.10	9643023
Total Calcium (Ca)	mg/L	284	0.10	9643027				295	0.10	9643027
Dissolved Magnesium (Mg)	mg/L	103	0.10	9643023				105	0.10	9643023
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABPH77			ABPH77			ABPH78		
Sampling Date		2024/08/27 13:35			2024/08/27 13:35			2024/08/27 13:35		
COC Number		954382			954382			954382		
	UNITS	MW-16-01A	RDL	QC Batch	MW-16-01A Lab-Dup	RDL	QC Batch	MW-16-01B	RDL	QC Batch
Total Magnesium (Mg)	mg/L	101	0.10	9643027				105	0.10	9643027
Dissolved Potassium (K)	mg/L	19.0	0.10	9643023				19.0	0.10	9643023
Total Potassium (K)	mg/L	18.2	0.10	9643027				19.2	0.10	9643027
Dissolved Sodium (Na)	mg/L	329	0.10	9643023				332	0.10	9643023
Total Sodium (Na)	mg/L	326	0.10	9643027				336	0.10	9643027
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										

Bureau Veritas ID		ABPH78		
Sampling Date		2024/08/27 13:35		
COC Number		954382		
	UNITS	MW-16-01B Lab-Dup	RDL	QC Batch
Inorganics				
Total Organic Carbon (TOC)	mg/L	29	0.40	9615779
Orthophosphate (P)	mg/L	<0.010	0.010	9616757
Turbidity	NTU	79	0.1	9616202
Dissolved Chloride (Cl-)	mg/L	300	5.0	9616760
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate				



BUREAU
VERITAS

Bureau Veritas Job #: C4R2370
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: GS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ABPH77		ABPH78			ABPH78		
Sampling Date		2024/08/27 13:35		2024/08/27 13:35			2024/08/27 13:35		
COC Number		954382		954382			954382		
	UNITS	MW-16-01A	QC Batch	MW-16-01B	RDL	QC Batch	MW-16-01B Lab-Dup	RDL	QC Batch
ANIONS									
Bromide (Br-)	mg/L	2.43	9643029	2.44	0.10	9643029			
Calculated Parameters									
Total Hardness (CaCO3)	mg/L	1130	9643026	1170	0.50	9643026			
Metals									
Dissolved Calcium (Ca)	mg/L	310	9620342	300	0.05	9620342			
Dissolved Magnesium (Mg)	mg/L	110	9620342	110	0.05	9620342			
Mercury (Hg)	mg/L	<0.00010	9621202	<0.00010	0.00010	9625006	<0.00010	0.00010	9625006
Dissolved Mercury (Hg)	mg/L	<0.00010	9621192	<0.00010	0.00010	9621192			
Dissolved Potassium (K)	mg/L	21	9620342	21	1	9620342			
Dissolved Sodium (Na)	mg/L	370	9620342	370	0.5	9620342			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

TEST SUMMARY

Bureau Veritas ID: ABPH77
Sample ID: MW-16-01A
Matrix: Water

Collected: 2024/08/27
Shipped:
Received: 2024/08/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9617832	N/A	2024/09/05	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9615299	N/A	2024/09/06	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9616760	N/A	2024/09/11	Massarat Jan
Conductivity	AT	9617830	N/A	2024/09/05	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9616024	N/A	2024/09/04	Gyulshen Idriz
Fluoride	ISE	9617831	2024/09/04	2024/09/05	Nachiketa Gohil
Dissolved Mercury in Water by CVAA	CV/AA	9621192	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury in Water by CVAA	CV/AA	9621202	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9620342	2024/09/05	2024/09/06	Gagandeep Rai
Low Level Chloride and Sulphate by AC	KONE	9638227	N/A	2024/09/09	Tyler Orr
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9638229	2024/09/12	2024/09/12	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9638226	N/A	2024/09/12	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9643026	N/A	2024/09/09	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9643029	N/A	2024/09/16	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9643023	N/A	2024/09/06	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9643025	N/A	2024/09/06	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9643027	N/A	2024/09/09	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9643028	N/A	2024/09/06	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9627054	2024/09/06	2024/09/09	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9615301	N/A	2024/09/04	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9615302	N/A	2024/09/04	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9615770	N/A	2024/09/04	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9617797	N/A	2024/09/06	Chandra Nandlal
pH	AT	9617829	2024/09/04	2024/09/05	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/08/31	Akshdeep Kaur
Orthophosphate	SKAL	9616757	N/A	2024/09/04	Massarat Jan
Redox Potential	COND	9617788	2024/09/04	2024/09/06	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9615293	N/A	2024/09/06	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9615295	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9616048	2024/09/04	2024/09/05	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/08/31	Akshdeep Kaur
Total Kjeldahl Nitrogen in Water	SKAL	9615756	2024/09/04	2024/09/05	Kruti Jitesh Patel
Total Organic Carbon (TOC)	TOCV/NDIR	9615779	N/A	2024/09/04	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9616037	2024/09/04	2024/09/05	Razieh Tabesh
Turbidity	AT	9616202	N/A	2024/09/04	Gurpartee KAU
Un-ionized Ammonia (as N)	CALC	9615297	2024/09/04	2024/09/04	Automated Statchk



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

TEST SUMMARY

Bureau Veritas ID: ABPH77 Dup

Sample ID: MW-16-01A

Matrix: Water

Collected: 2024/08/27

Shipped:

Received: 2024/08/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9617832	N/A	2024/09/05	Nachiketa Gohil
Conductivity	AT	9617830	N/A	2024/09/05	Nachiketa Gohil
Fluoride	ISE	9617831	2024/09/04	2024/09/05	Nachiketa Gohil
pH	AT	9617829	2024/09/04	2024/09/05	Nachiketa Gohil
Redox Potential	COND	9617788	2024/09/04	2024/09/06	Gurpartee Kaur

Bureau Veritas ID: ABPH78

Sample ID: MW-16-01B

Matrix: Water

Collected: 2024/08/27

Shipped:

Received: 2024/08/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9617832	N/A	2024/09/05	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9615299	N/A	2024/09/06	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9616760	N/A	2024/09/11	Massarat Jan
Conductivity	AT	9617830	N/A	2024/09/05	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9616024	N/A	2024/09/04	Gyulshen Idriz
Fluoride	ISE	9617831	2024/09/04	2024/09/05	Nachiketa Gohil
Dissolved Mercury in Water by CVAA	CV/AA	9621192	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury in Water by CVAA	CV/AA	9625006	2024/09/09	2024/09/09	Maitri PATIL
Lab Filtered Metals Analysis by ICP	ICP	9620342	2024/09/05	2024/09/06	Gagandeep Rai
Low Level Chloride and Sulphate by AC	KONE	9638227	N/A	2024/09/09	Tyler Orr
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9638229	2024/09/12	2024/09/12	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9638226	N/A	2024/09/12	Ye Hyun KIM
Hardness Total (calculated as CaCO3)	CALC	9643026	N/A	2024/09/09	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9643029	N/A	2024/09/16	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9643023	N/A	2024/09/06	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9629997	N/A	2024/09/10	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9643027	N/A	2024/09/09	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9643028	N/A	2024/09/06	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9627054	2024/09/06	2024/09/09	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	9615301	N/A	2024/09/04	Automated Statchk
Ammonium as NH4+	CALC/NH3	9615302	N/A	2024/09/04	Automated Statchk
Total Ammonia-N	SKAL/NH4	9615770	N/A	2024/09/04	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9617797	N/A	2024/09/06	Chandra Nandlal
pH	AT	9617829	2024/09/04	2024/09/05	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/08/31	Akshdeep Kaur
Orthophosphate	SKAL	9616757	N/A	2024/09/04	Massarat Jan
Redox Potential	COND	9617788	2024/09/04	2024/09/06	Gurpartee Kaur
Sodium Adsorption Ratio (SAR)	CALC/MET	9615293	N/A	2024/09/06	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9615295	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9616048	2024/09/04	2024/09/05	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/08/31	Akshdeep Kaur



BUREAU
VERITAS

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

TEST SUMMARY

Bureau Veritas ID: ABPH78
Sample ID: MW-16-01B
Matrix: Water

Collected: 2024/08/27
Shipped:
Received: 2024/08/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Kjeldahl Nitrogen in Water	SKAL	9615756	2024/09/04	2024/09/05	Kruti Jitesh Patel
Total Organic Carbon (TOC)	TOCV/NDIR	9615779	N/A	2024/09/04	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9616037	2024/09/04	2024/09/05	Razieh Tabesh
Turbidity	AT	9616202	N/A	2024/09/04	Gurparteek KAUR
Un-ionized Ammonia (as N)	CALC	9615297	2024/09/04	2024/09/04	Automated Statchk

Bureau Veritas ID: ABPH78 Dup
Sample ID: MW-16-01B
Matrix: Water

Collected: 2024/08/27
Shipped:
Received: 2024/08/31

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	SKAL	9616760	N/A	2024/09/11	Massarat Jan
Mercury in Water by CVAA	CV/AA	9625006	2024/09/09	2024/09/09	Maitri PATIL
Orthophosphate	SKAL	9616757	N/A	2024/09/04	Massarat Jan
Total Organic Carbon (TOC)	TOCV/NDIR	9615779	N/A	2024/09/04	Gyulshen Idriz
Turbidity	AT	9616202	N/A	2024/09/04	Gurparteek KAUR



GENERAL COMMENTS

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

Package 1	13.0°C
Package 2	10.3°C
Package 3	7.7°C

Samples received past hold time for Turbidity and Redox potential analysis, proceeded with client consent.

Sample ABPH77 [MW-16-01A] : TSS/TDS Analysis: Analysis was performed past sample holding time. This may increase the variability associated with these results.

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 ABPH78 [MW-16-01B] : TSS/TDS Analysis: Analysis was performed past sample holding time. This may increase the variability associated with these results. 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 ABPH78, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.

BUREAU
VERITAS

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

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
9615756	Total Kjeldahl Nitrogen (TKN)	2024/09/05	109	80 - 120	97	80 - 120	<0.10	mg/L	NC	20	100	80 - 120
9615770	Total Ammonia-N	2024/09/04	102	75 - 125	102	80 - 120	<0.050	mg/L	NC	20		
9615779	Total Organic Carbon (TOC)	2024/09/04	NC	80 - 120	100	80 - 120	<0.40	mg/L	0.25	20		
9616024	Dissolved Organic Carbon	2024/09/04	94	80 - 120	96	80 - 120	<0.40	mg/L	0.16	20		
9616037	Total Suspended Solids	2024/09/05			98	80 - 120	<1	mg/L	NC	20		
9616048	Total Dissolved Solids	2024/09/05			100	80 - 120	<10	mg/L	0	20		
9616202	Turbidity	2024/09/04			98	80 - 120	<0.1	NTU	0	20		
9616757	Orthophosphate (P)	2024/09/04	96	75 - 125	94	80 - 120	<0.010	mg/L	NC	20		
9616760	Dissolved Chloride (Cl-)	2024/09/11	NC	80 - 120	98	80 - 120	<1.0	mg/L	5.4	20		
9617788	Redox Potential	2024/09/06			102	80 - 120			14	20		
9617797	Nitrate (N)	2024/09/06	96	80 - 120	97	80 - 120	<0.10	mg/L	0.47	20		
9617797	Nitrite (N)	2024/09/06	99	80 - 120	101	80 - 120	<0.010	mg/L	2.0	20		
9617829	pH	2024/09/05			102	98 - 103			0.37	N/A		
9617830	Conductivity	2024/09/05			102	85 - 115	<1.0	umho/cm	0.30	10		
9617831	Fluoride (F-)	2024/09/05	93	80 - 120	100	80 - 120	<0.10	mg/L	1.9	20		
9617832	Alkalinity (Total as CaCO3)	2024/09/05			97	85 - 115	<1.0	mg/L	0.38	20		
9620342	Dissolved Calcium (Ca)	2024/09/06	NC	80 - 120	98	80 - 120	<0.05	mg/L	0.42	20		
9620342	Dissolved Magnesium (Mg)	2024/09/06	NC	80 - 120	100	80 - 120	<0.05	mg/L	0.37	20		
9620342	Dissolved Potassium (K)	2024/09/06	101	80 - 120	101	80 - 120	<1	mg/L	2.1	20		
9620342	Dissolved Sodium (Na)	2024/09/06	99	80 - 120	100	80 - 120	<0.5	mg/L	0.57	20		
9621192	Dissolved Mercury (Hg)	2024/09/06	98	75 - 125	97	80 - 120	<0.00010	mg/L	NC	20		
9621202	Mercury (Hg)	2024/09/06	96	75 - 125	98	80 - 120	<0.00010	mg/L	NC	20		
9625006	Mercury (Hg)	2024/09/09	97	75 - 125	97	80 - 120	<0.00010	mg/L	NC	20		
9627054	Total Phosphorus (P)	2024/09/09	99	80 - 120	100	80 - 120	<0.0010	mg/L	9.5	20	90	80 - 120
9629997	Dissolved Aluminum (Al)	2024/09/10			102	80 - 120	<0.50	ug/L				
9629997	Dissolved Nickel (Ni)	2024/09/10			98	80 - 120	<0.020	ug/L				
9631099	Free Cyanide (CN)	2024/09/10	100	80 - 120	94	80 - 120	<2.0	ug/L				
9638226	Weak Acid Dissoc. Cyanide (CN)	2024/09/12	95	80 - 120	96	80 - 120	<0.00050	mg/L				
9638227	Dissolved Sulphate (SO4)	2024/09/09	105	80 - 120	100	80 - 120	<0.50	mg/L				
9638228	Reactive Silica (SiO2)	2024/09/12	105	80 - 120	105	80 - 120	<0.050	mg/L	NC	20		

BUREAU
VERITAS

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

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
9638229	Strong Acid Dissoc. Cyanide (CN)	2024/09/12	95	80 - 120	99	80 - 120	<0.00050	mg/L				
9643025	Dissolved Aluminum (Al)	2024/09/06	95	80 - 120	99	80 - 120	<0.50	ug/L				
9643025	Dissolved Antimony (Sb)	2024/09/06	103	80 - 120	106	80 - 120	<0.020	ug/L				
9643025	Dissolved Arsenic (As)	2024/09/06	104	80 - 120	105	80 - 120	<0.020	ug/L				
9643025	Dissolved Barium (Ba)	2024/09/06	96	80 - 120	104	80 - 120	<0.020	ug/L				
9643025	Dissolved Beryllium (Be)	2024/09/06	98	80 - 120	98	80 - 120	<0.010	ug/L				
9643025	Dissolved Bismuth (Bi)	2024/09/06	96	80 - 120	104	80 - 120	<0.0050	ug/L				
9643025	Dissolved Boron (B)	2024/09/06	99	80 - 120	104	80 - 120	<10	ug/L				
9643025	Dissolved Cadmium (Cd)	2024/09/06	102	80 - 120	105	80 - 120	<0.0050	ug/L				
9643025	Dissolved Chromium (Cr)	2024/09/06	94	80 - 120	100	80 - 120	<0.10	ug/L				
9643025	Dissolved Copper (Cu)	2024/09/06	91	80 - 120	101	80 - 120	<0.050	ug/L				
9643025	Dissolved Iron (Fe)	2024/09/06	99	80 - 120	106	80 - 120	<1.0	ug/L				
9643025	Dissolved Lead (Pb)	2024/09/06	96	80 - 120	103	80 - 120	<0.0050	ug/L				
9643025	Dissolved Lithium (Li)	2024/09/06	97	80 - 120	104	80 - 120	<0.50	ug/L				
9643025	Dissolved Manganese (Mn)	2024/09/06	NC	80 - 120	97	80 - 120	<0.050	ug/L				
9643025	Dissolved Molybdenum (Mo)	2024/09/06	109	80 - 120	110	80 - 120	<0.050	ug/L				
9643025	Dissolved Nickel (Ni)	2024/09/06	93	80 - 120	100	80 - 120	<0.020	ug/L				
9643025	Dissolved Selenium (Se)	2024/09/06	103	80 - 120	103	80 - 120	<0.040	ug/L				
9643025	Dissolved Silver (Ag)	2024/09/06	101	80 - 120	102	80 - 120	<0.0050	ug/L				
9643025	Dissolved Strontium (Sr)	2024/09/06	NC	80 - 120	100	80 - 120	<0.050	ug/L				
9643025	Dissolved Thallium (Tl)	2024/09/06	98	80 - 120	103	80 - 120	<0.0020	ug/L				
9643025	Dissolved Tin (Sn)	2024/09/06	101	80 - 120	106	80 - 120	<0.20	ug/L				
9643025	Dissolved Titanium (Ti)	2024/09/06	99	80 - 120	104	80 - 120	<0.50	ug/L				
9643025	Dissolved Uranium (U)	2024/09/06	103	80 - 120	107	80 - 120	<0.0020	ug/L				
9643025	Dissolved Vanadium (V)	2024/09/06	94	80 - 120	98	80 - 120	<0.20	ug/L				
9643025	Dissolved Zinc (Zn)	2024/09/06	98	80 - 120	106	80 - 120	<0.10	ug/L				
9643028	Total Aluminum (Al)	2024/09/06	85	80 - 120	105	80 - 120	<0.50	ug/L				
9643028	Total Antimony (Sb)	2024/09/06	99	80 - 120	104	80 - 120	<0.020	ug/L				
9643028	Total Arsenic (As)	2024/09/06	102	80 - 120	104	80 - 120	<0.020	ug/L				
9643028	Total Barium (Ba)	2024/09/06	NC	80 - 120	101	80 - 120	<0.020	ug/L				
9643028	Total Beryllium (Be)	2024/09/06	102	80 - 120	102	80 - 120	<0.010	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

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
9643028	Total Bismuth (Bi)	2024/09/06	94	80 - 120	104	80 - 120	<0.0050	ug/L				
9643028	Total Boron (B)	2024/09/06	94	80 - 120	101	80 - 120	<10	ug/L				
9643028	Total Cadmium (Cd)	2024/09/06	99	80 - 120	103	80 - 120	<0.0050	ug/L				
9643028	Total Chromium (Cr)	2024/09/06	91	80 - 120	98	80 - 120	<0.10	ug/L				
9643028	Total Copper (Cu)	2024/09/06	84	80 - 120	96	80 - 120	<0.050	ug/L				
9643028	Total Iron (Fe)	2024/09/06	92	80 - 120	105	80 - 120	<1.0	ug/L				
9643028	Total Lead (Pb)	2024/09/06	95	80 - 120	103	80 - 120	<0.0050	ug/L				
9643028	Total Lithium (Li)	2024/09/06	98	80 - 120	101	80 - 120	<0.50	ug/L				
9643028	Total Manganese (Mn)	2024/09/06	NC	80 - 120	100	80 - 120	<0.050	ug/L				
9643028	Total Molybdenum (Mo)	2024/09/06	108	80 - 120	107	80 - 120	<0.050	ug/L				
9643028	Total Nickel (Ni)	2024/09/06	90	80 - 120	100	80 - 120	<0.020	ug/L				
9643028	Total Selenium (Se)	2024/09/06	99	80 - 120	105	80 - 120	<0.040	ug/L				
9643028	Total Silver (Ag)	2024/09/06	97	80 - 120	100	80 - 120	<0.0050	ug/L				
9643028	Total Strontium (Sr)	2024/09/06	NC	80 - 120	97	80 - 120	<0.050	ug/L				
9643028	Total Thallium (Tl)	2024/09/06	99	80 - 120	104	80 - 120	<0.0020	ug/L				
9643028	Total Tin (Sn)	2024/09/06	100	80 - 120	103	80 - 120	<0.20	ug/L				
9643028	Total Titanium (Ti)	2024/09/06	99	80 - 120	103	80 - 120	<0.50	ug/L				
9643028	Total Uranium (U)	2024/09/06	106	80 - 120	105	80 - 120	<0.0020	ug/L				
9643028	Total Vanadium (V)	2024/09/06	93	80 - 120	98	80 - 120	<0.20	ug/L				
9643028	Total Zinc (Zn)	2024/09/06	95	80 - 120	106	80 - 120	<0.10	ug/L				



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

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
9643029	Bromide (Br-)	2024/09/16	NC	78 - 120	98	80 - 120	<0.010	mg/L				

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

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

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).



BUREAU
VERITAS

Bureau Veritas Job #: C4R2370

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: GS

VALIDATION SIGNATURE PAGE

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

David Huang, BBY Scientific Specialist

Louise Harding, 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 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 #: C4R2370
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: GS

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.						

APPENDIX C-VI ANALYTICAL REPORT NO. R8338191

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-09	MW-IPD-09A	ABTF71
	MW-IPD-09B	ABTF72



Your P.O. #: 1368140
Site Location: Meadowbank
Your C.O.C. #: 955149

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/09/27
Report #: R8338191
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4R4174

Received: 2024/09/03, 09:40

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	2	N/A	2024/09/05	CAM SOP-00448	SM 24 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	2	N/A	2024/09/06	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	2	N/A	2024/09/11	CAM SOP-00463	SM 24 4500-Cl E m
Conductivity (1)	2	N/A	2024/09/05	CAM SOP-00414	SM 24 2510 m
Dissolved Organic Carbon (DOC) (1, 4)	2	N/A	2024/09/05	CAM SOP-00446	SM 24 5310 B m
Fluoride (1)	2	2024/09/04	2024/09/05	CAM SOP-00449	SM 24 4500-F C m
Dissolved Mercury (low level) (1)	2	2024/09/06	2024/09/06	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	2	2024/09/06	2024/09/06	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP (1)	2	2024/09/06	2024/09/09	CAM SOP-00408	EPA 6010D m
Low Level Chloride and Sulphate by AC (2)	2	N/A	2024/09/09	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (Free) (2)	2	N/A	2024/09/10	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (2)	2	2024/09/11	2024/09/12	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (2)	2	N/A	2024/09/12	CAL SOP-00270	SM 24 4500-CN m
Hardness Total (calculated as CaCO3) (3, 5)	1	N/A	2024/09/10	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3, 5)	1	N/A	2024/09/09	BBY WI-00033	Auto Calc
Bromide as Bromine (Br) by ICPMS (3)	2	N/A	2024/09/16	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	2	N/A	2024/09/06	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3, 6)	2	N/A	2024/09/06	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (total) (3)	1	2024/09/09	2024/09/10	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	1	N/A	2024/09/10	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	1	N/A	2024/09/09	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	1	N/A	2024/09/06	BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (2)	2	N/A	2024/09/12	AB SOP-00011	EPA 370.1 R1978 m
Total Phosphorus Low Level Total (2)	2	2024/09/06	2024/09/09	AB SOP-00024	SM 24 4500-P A,B,F m
Total Ammonia (as NH3) (1)	2	N/A	2024/09/05	Auto Calc.	
Ammonium as NH4+ (1)	2	N/A	2024/09/05		
Total Ammonia-N (1)	2	N/A	2024/09/05	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 7)	2	N/A	2024/09/06	CAM SOP-00440	SM 24 4500-NO3I/NO2B
pH (1, 8)	2	2024/09/04	2024/09/05	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (1, 9)	2	N/A	2024/09/04		Field pH Meter



Your P.O. #: 1368140
Site Location: Meadowbank
Your C.O.C. #: 955149

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/09/27
Report #: R8338191
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4R4174

Received: 2024/09/03, 09:40

Sample Matrix: Water
Samples Received: 2

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Orthophosphate (1)	2	N/A	2024/09/04	CAM SOP-00461	SM 24 4500-P E
Redox Potential (1, 10)	2	2024/09/04	2024/09/06	CAM SOP-00421	SM 24 2580 B
Sodium Adsorption Ratio (SAR) (1)	2	N/A	2024/09/10	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (TDS calc) (1)	2	N/A	2024/09/27		Auto Calc
Total Dissolved Solids (1)	2	2024/09/04	2024/09/05	CAM SOP-00428	SM 24 2540C m
Field Temperature (1, 9)	2	N/A	2024/09/04		Field Thermometer
Total Kjeldahl Nitrogen in Water (1)	1	2024/09/04	2024/09/06	CAM SOP-00938	OMOE E3516 m
Total Kjeldahl Nitrogen in Water (1)	1	2024/09/05	2024/09/06	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 11)	2	N/A	2024/09/05	CAM SOP-00446	SM 24 5310B m
Low Level Total Suspended Solids (1)	2	2024/09/04	2024/09/05	CAM SOP-00428	SM 24 2540D m
Turbidity (1)	2	N/A	2024/09/04	CAM SOP-00417	SM 24 2130 B
Un-ionized Ammonia (as N) (1, 12)	2	2024/09/04	2024/09/05	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, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.



Your P.O. #: 1368140
Site Location: Meadowbank
Your C.O.C. #: 955149

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2024/09/27
Report #: R8338191
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4R4174

Received: 2024/09/03, 09:40

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) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
- (7) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
- (8) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."
- (9) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.
- (10) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.
- (11) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.
- (12) 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 #: C4R4174
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABTF71			ABTF72			ABTF72		
Sampling Date		2024/08/28 13:30			2024/08/28 13:30			2024/08/28 13:30		
COC Number		955149			955149			955149		
	UNITS	MW-IPD-09A	RDL	QC Batch	MW-IPD-09B	RDL	QC Batch	MW-IPD-09B Lab-Dup	RDL	QC Batch

Calculated Parameters

Total Ammonia (as NH ₃)	mg/L	0.11	0.061	9615301	0.085	0.061	9615301			
Ammonium (NH ₄)	mg/L	0.11	0.0029	9615302	0.086	0.0029	9615302			
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	75	1.0	9615299	75	1.0	9615299			
Calculated TDS	mg/L	160	1.0	9615295	160	1.0	9615295			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9615299	<1.0	1.0	9615299			
Sodium Adsorption Ratio	N/A	1.1		9615293	1.1		9615293			

CONVENTIONALS

Redox Potential	mV	360	N/A	9617788	350	N/A	9617788			
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Field Measurements

Field Temperature	Celsius	19.17	N/A	ONSITE	19.17	N/A	ONSITE			
Field Measured pH	pH	8.12		ONSITE	8.12		ONSITE			

Inorganics

Total Ammonia-N	mg/L	0.087	0.050	9617405	0.070	0.050	9617405			
Conductivity	umho/cm	260	1.0	9617830	260	1.0	9617830			
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	9631099	<2.0 (1)	2.0	9631099			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9638229	<0.00050	0.00050	9638229			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9638226	<0.00050	0.00050	9638226			
Total Dissolved Solids	mg/L	155	10	9616048	185	10	9616048			
Fluoride (F ⁻)	mg/L	1.0	0.10	9617831	1.0	0.10	9617831			
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	9617536	0.10	0.10	9617554			
Dissolved Organic Carbon	mg/L	0.89	0.40	9618867	0.90	0.40	9618867	0.87	0.40	9618867
Total Organic Carbon (TOC)	mg/L	0.92	0.40	9617184	0.95	0.40	9617184			
Orthophosphate (P)	mg/L	0.016	0.010	9616757	0.016	0.010	9616757			
pH	pH	8.02		9617829	8.00		9617829			
Total Phosphorus (P)	mg/L	0.015	0.0010	9627054	0.018	0.0010	9627054			
Reactive Silica (SiO ₂)	mg/L	9.3	0.050	9638228	9.6	0.050	9638228			
Total Suspended Solids	mg/L	<1	1	9616037	<1	1	9616037			

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 #: C4R4174
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABTF71			ABTF72			ABTF72		
Sampling Date		2024/08/28 13:30			2024/08/28 13:30			2024/08/28 13:30		
COC Number		955149			955149			955149		
	UNITS	MW-IPD-09A	RDL	QC Batch	MW-IPD-09B	RDL	QC Batch	MW-IPD-09B Lab-Dup	RDL	QC Batch
Turbidity	NTU	1.1	0.1	9617692	1.1	0.1	9617692	1.0	0.1	9617692
Alkalinity (Total as CaCO ₃)	mg/L	75	1.0	9617832	76	1.0	9617832			
Dissolved Chloride (Cl ⁻)	mg/L	1.3	1.0	9616760	1.2	1.0	9616760			
Nitrite (N)	mg/L	<0.010	0.010	9617797	<0.010	0.010	9617797			
Nitrate (N)	mg/L	<0.10	0.10	9617797	<0.10	0.10	9617797			
Dissolved Sulphate (SO ₄)	mg/L	46	0.50	9638227	47	0.50	9638227			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9617797	<0.10	0.10	9617797			
Un-ionized Ammonia (as N)	mg/L	0.0041	0.0023	9615297	0.0033	0.0023	9615297			
Metals										
Dissolved Aluminum (Al)	ug/L	4.72	0.50	9643031	5.98	0.50	9643031			
Total Aluminum (Al)	ug/L	5.68	0.50	9643034	6.5	3.0	9643035			
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9643031	<0.020	0.020	9643031			
Total Antimony (Sb)	ug/L	<0.020	0.020	9643034	<0.020	0.020	9643035			
Dissolved Arsenic (As)	ug/L	16.4	0.020	9643031	16.8	0.020	9643031			
Total Arsenic (As)	ug/L	16.7	0.020	9643034	15.0	0.020	9643035			
Dissolved Barium (Ba)	ug/L	1.49	0.020	9643031	2.90	0.020	9643031			
Total Barium (Ba)	ug/L	3.22	0.020	9643034	2.58	0.050	9643035			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9643031	<0.010	0.010	9643031			
Total Beryllium (Be)	ug/L	<0.010	0.010	9643034	<0.010	0.010	9643035			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9643031	<0.0050	0.0050	9643031			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9643034	<0.010	0.010	9643035			
Dissolved Boron (B)	ug/L	100	10	9643031	104	10	9643031			
Total Boron (B)	ug/L	106	10	9643034	100	10	9643035			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9643031	<0.0050	0.0050	9643031			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9643034	<0.0050	0.0050	9643035			
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	9643031	0.11	0.10	9643031			
Total Chromium (Cr)	ug/L	0.19	0.10	9643034	0.27	0.10	9643035			
Total Cobalt (Co)	ug/L				0.013	0.010	9643035			
Dissolved Copper (Cu)	ug/L	<0.050	0.050	9643031	0.051	0.050	9643031			
Total Copper (Cu)	ug/L	<0.050	0.050	9643034	0.20	0.10	9643035			
Dissolved Iron (Fe)	ug/L	323	1.0	9643031	320	1.0	9643031			
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R4174
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABTF71			ABTF72			ABTF72		
Sampling Date		2024/08/28 13:30			2024/08/28 13:30			2024/08/28 13:30		
COC Number		955149			955149			955149		
	UNITS	MW-IPD-09A	RDL	QC Batch	MW-IPD-09B	RDL	QC Batch	MW-IPD-09B Lab-Dup	RDL	QC Batch
Total Iron (Fe)	ug/L	429	1.0	9643034	366	5.0	9643035			
Dissolved Lead (Pb)	ug/L	0.0067	0.0050	9643031	0.0145	0.0050	9643031			
Total Lead (Pb)	ug/L	0.0187	0.0050	9643034	0.043	0.020	9643035			
Dissolved Lithium (Li)	ug/L	2.25	0.50	9643031	2.20	0.50	9643031			
Total Lithium (Li)	ug/L	2.46	0.50	9643034	2.02	0.50	9643035			
Dissolved Manganese (Mn)	ug/L	43.6	0.050	9643031	44.4	0.050	9643031			
Total Manganese (Mn)	ug/L	48.0	0.050	9643034	43.0	0.10	9643035			
Dissolved Molybdenum (Mo)	ug/L	11.0	0.050	9643031	11.3	0.050	9643031			
Total Molybdenum (Mo)	ug/L	10.9	0.050	9643034	9.47	0.050	9643035			
Dissolved Nickel (Ni)	ug/L	0.155	0.020	9643031	0.162	0.020	9643031			
Total Nickel (Ni)	ug/L	0.166	0.020	9643034	0.27	0.10	9643035			
Total Phosphorus (P)	ug/L				22.8	5.0	9643035			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9643031	<0.040	0.040	9643031			
Total Selenium (Se)	ug/L	<0.040	0.040	9643034	<0.040	0.040	9643035			
Total Silicon (Si)	ug/L				3800	50	9643035			
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9643031	<0.0050	0.0050	9643031			
Total Silver (Ag)	ug/L	<0.0050	0.0050	9643034	<0.010	0.010	9643035			
Dissolved Strontium (Sr)	ug/L	148	0.050	9643031	151	0.050	9643031			
Total Strontium (Sr)	ug/L	156	0.050	9643034	138	0.050	9643035			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9643031	<0.0020	0.0020	9643031			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9643034	<0.0020	0.0020	9643035			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9643031	<0.20	0.20	9643031			
Total Tin (Sn)	ug/L	<0.20	0.20	9643034	<0.20	0.20	9643035			
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9643031	<0.50	0.50	9643031			
Total Titanium (Ti)	ug/L	<0.50	0.50	9643034	<2.0	2.0	9643035			
Dissolved Uranium (U)	ug/L	0.168	0.0020	9643031	0.165	0.0020	9643031			
Total Uranium (U)	ug/L	0.182	0.0020	9643034	0.159	0.0050	9643035			
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9643031	<0.20	0.20	9643031			
Total Vanadium (V)	ug/L	<0.20	0.20	9643034	<0.20	0.20	9643035			
Dissolved Zinc (Zn)	ug/L	0.41	0.10	9643031	0.78	0.10	9643031			
Total Zinc (Zn)	ug/L	0.37	0.10	9643034	<1.0	1.0	9643035			
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABTF71			ABTF72			ABTF72		
Sampling Date		2024/08/28 13:30			2024/08/28 13:30			2024/08/28 13:30		
COC Number		955149			955149			955149		
	UNITS	MW-IPD-09A	RDL	QC Batch	MW-IPD-09B	RDL	QC Batch	MW-IPD-09B Lab-Dup	RDL	QC Batch
Total Zirconium (Zr)	ug/L				<0.10	0.10	9643035			
Dissolved Calcium (Ca)	mg/L	16.8	0.050	9643030	16.4	0.050	9643030			
Total Calcium (Ca)	mg/L	17.6	0.050	9643033	14.9	0.25	9643033			
Dissolved Magnesium (Mg)	mg/L	7.20	0.050	9643030	7.46	0.050	9643030			
Total Magnesium (Mg)	mg/L	7.93	0.050	9643033	6.87	0.25	9643033			
Dissolved Potassium (K)	mg/L	0.910	0.050	9643030	0.947	0.050	9643030			
Total Potassium (K)	mg/L	0.976	0.050	9643033	0.79	0.25	9643033			
Dissolved Sodium (Na)	mg/L	19.3	0.050	9643030	19.3	0.050	9643030			
Total Sodium (Na)	mg/L	19.9	0.050	9643033	17.5	0.25	9643033			
Total Sulphur (S)	ug/L				12400	600	9643035			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R4174
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: RW

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ABTF71			ABTF71			ABTF72		
Sampling Date		2024/08/28 13:30			2024/08/28 13:30			2024/08/28 13:30		
COC Number		955149			955149			955149		
	UNITS	MW-IPD-09A	RDL	QC Batch	MW-IPD-09A Lab-Dup	RDL	QC Batch	MW-IPD-09B	RDL	QC Batch
ANIONS										
Bromide (Br-)	mg/L	0.032	0.010	9643036				0.032	0.010	9643036
Calculated Parameters										
Total Hardness (CaCO3)	mg/L	76.6	0.50	9643032				65.4	0.50	9643032
Metals										
Dissolved Calcium (Ca)	mg/L	21	0.05	9622316				20	0.05	9622316
Dissolved Magnesium (Mg)	mg/L	9.2	0.05	9622316				9.0	0.05	9622316
Mercury (Hg)	mg/L	<0.00001	0.00001	9621256				<0.00001	0.00001	9621256
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	9621277	<0.00001	0.00001	9621277	<0.00001	0.00001	9621277
Dissolved Potassium (K)	mg/L	1	1	9622316				1	1	9622316
Dissolved Sodium (Na)	mg/L	23	0.5	9622316				23	0.5	9622316
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										

Bureau Veritas ID		ABTF72		
Sampling Date		2024/08/28 13:30		
COC Number		955149		
	UNITS	MW-IPD-09B Lab-Dup	RDL	QC Batch
Metals				
Mercury (Hg)	mg/L	<0.00001	0.00001	9621256
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate				



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABTF71
Sample ID: MW-IPD-09A
Matrix: Water

Collected: 2024/08/28
Shipped:
Received: 2024/09/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9617832	N/A	2024/09/05	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9615299	N/A	2024/09/06	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9616760	N/A	2024/09/11	Massarat Jan
Conductivity	AT	9617830	N/A	2024/09/05	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9618867	N/A	2024/09/05	Gyulshen Idriz
Fluoride	ISE	9617831	2024/09/04	2024/09/05	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	9638227	N/A	2024/09/09	Tyler Orr
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9638229	2024/09/12	2024/09/12	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9638226	N/A	2024/09/12	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9643032	N/A	2024/09/09	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9643036	N/A	2024/09/16	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9643030	N/A	2024/09/06	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9643031	N/A	2024/09/06	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9643033	N/A	2024/09/09	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9643034	N/A	2024/09/06	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9627054	2024/09/06	2024/09/09	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9615301	N/A	2024/09/05	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9615302	N/A	2024/09/05	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9617405	N/A	2024/09/05	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9617797	N/A	2024/09/06	Chandra Nandlal
pH	AT	9617829	2024/09/04	2024/09/05	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/09/04	Viyushti Patel
Orthophosphate	SKAL	9616757	N/A	2024/09/04	Massarat Jan
Redox Potential	COND	9617788	2024/09/04	2024/09/06	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9615293	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9615295	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9616048	2024/09/04	2024/09/05	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/04	Viyushti Patel
Total Kjeldahl Nitrogen in Water	SKAL	9617536	2024/09/05	2024/09/06	Kruti Jitesh Patel
Total Organic Carbon (TOC)	TOCV/NDIR	9617184	N/A	2024/09/05	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9616037	2024/09/04	2024/09/05	Razieh Tabesh
Turbidity	AT	9617692	N/A	2024/09/04	Kien Tran
Un-ionized Ammonia (as N)	CALC	9615297	2024/09/05	2024/09/05	Automated Statchk

Bureau Veritas ID: ABTF71 Dup
Sample ID: MW-IPD-09A
Matrix: Water

Collected: 2024/08/28
Shipped:
Received: 2024/09/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABTF72
Sample ID: MW-IPD-09B
Matrix: Water

Collected: 2024/08/28
Shipped:
Received: 2024/09/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9617832	N/A	2024/09/05	Nachiketa Gohil
Carbonate, Bicarbonate and Hydroxide	CALC	9615299	N/A	2024/09/06	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9616760	N/A	2024/09/11	Massarat Jan
Conductivity	AT	9617830	N/A	2024/09/05	Nachiketa Gohil
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9618867	N/A	2024/09/05	Gyulshen Idriz
Fluoride	ISE	9617831	2024/09/04	2024/09/05	Nachiketa Gohil
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	9638227	N/A	2024/09/09	Tyler Orr
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9638229	2024/09/12	2024/09/12	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9638226	N/A	2024/09/12	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9643032	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9643036	N/A	2024/09/16	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9643030	N/A	2024/09/06	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9643031	N/A	2024/09/06	Andrew An
Elements by ICPMS Low Level (total)	ICP/MS	9643035	2024/09/09	2024/09/10	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9643033	N/A	2024/09/10	Automated Statchk
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9627054	2024/09/06	2024/09/09	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9615301	N/A	2024/09/05	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9615302	N/A	2024/09/05	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9617405	N/A	2024/09/05	Muskan
Nitrate & Nitrite as Nitrogen in Water	LACH	9617797	N/A	2024/09/06	Chandra Nandlal
pH	AT	9617829	2024/09/04	2024/09/05	Nachiketa Gohil
Field Measured pH	PH	ONSITE	N/A	2024/09/04	Viyushti Patel
Orthophosphate	SKAL	9616757	N/A	2024/09/04	Massarat Jan
Redox Potential	COND	9617788	2024/09/04	2024/09/06	Gurpartee KAU
Sodium Adsorption Ratio (SAR)	CALC/MET	9615293	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9615295	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9616048	2024/09/04	2024/09/05	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/04	Viyushti Patel
Total Kjeldahl Nitrogen in Water	SKAL	9617554	2024/09/04	2024/09/06	Kruti Jitesh Patel
Total Organic Carbon (TOC)	TOCV/NDIR	9617184	N/A	2024/09/05	Gyulshen Idriz
Low Level Total Suspended Solids	BAL	9616037	2024/09/04	2024/09/05	Razieh Tabesh
Turbidity	AT	9617692	N/A	2024/09/04	Kien Tran
Un-ionized Ammonia (as N)	CALC	9615297	2024/09/05	2024/09/05	Automated Statchk

Bureau Veritas ID: ABTF72 Dup
Sample ID: MW-IPD-09B
Matrix: Water

Collected: 2024/08/28
Shipped:
Received: 2024/09/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9618867	N/A	2024/09/05	Gyulshen Idriz



Bureau Veritas Job #: C4R4174
Report Date: 2024/09/27

Agnico Eagle
Site Location: Meadowbank
Your P.O. #: 1368140
Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABTF72 Dup
Sample ID: MW-IPD-09B
Matrix: Water

Collected: 2024/08/28
Shipped:
Received: 2024/09/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Turbidity	AT	9617692	N/A	2024/09/04	Kien Tran



GENERAL COMMENTS

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

Package 1	18.0°C
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Samples received after holding time for Turbidity, DOC, Redox potential, and Nitrate/Nitrite testing, proceeded with client consent.

Sample ABTF71 [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). Total Phosphorus < ortho-Phosphate: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample ABTF72 [MW-IPD-09B] : 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).

Results relate only to the items tested.

BUREAU
VERITAS

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

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
9616037	Total Suspended Solids	2024/09/05			98	80 - 120	<1	mg/L	NC	20		
9616048	Total Dissolved Solids	2024/09/05			100	80 - 120	<10	mg/L	0	20		
9616757	Orthophosphate (P)	2024/09/04	96	75 - 125	94	80 - 120	<0.010	mg/L	NC	20		
9616760	Dissolved Chloride (Cl-)	2024/09/11	NC	80 - 120	98	80 - 120	<1.0	mg/L	5.4	20		
9617184	Total Organic Carbon (TOC)	2024/09/05	96	80 - 120	98	80 - 120	<0.40	mg/L	NC	20		
9617405	Total Ammonia-N	2024/09/05	99	75 - 125	100	80 - 120	<0.050	mg/L	0.32	20		
9617536	Total Kjeldahl Nitrogen (TKN)	2024/09/06	106	80 - 120	105	80 - 120	<0.10	mg/L	NC	20	104	80 - 120
9617554	Total Kjeldahl Nitrogen (TKN)	2024/09/06	107	80 - 120	98	80 - 120	<0.10	mg/L	NC	20	108	80 - 120
9617692	Turbidity	2024/09/04			98	80 - 120	<0.1	NTU	3.7	20		
9617788	Redox Potential	2024/09/06			102	80 - 120			14	20		
9617797	Nitrate (N)	2024/09/06	96	80 - 120	97	80 - 120	<0.10	mg/L	0.47	20		
9617797	Nitrite (N)	2024/09/06	99	80 - 120	101	80 - 120	<0.010	mg/L	2.0	20		
9617829	pH	2024/09/05			102	98 - 103			0.37	N/A		
9617830	Conductivity	2024/09/05			102	85 - 115	<1.0	umho/cm	0.30	10		
9617831	Fluoride (F-)	2024/09/05	93	80 - 120	100	80 - 120	<0.10	mg/L	1.9	20		
9617832	Alkalinity (Total as CaCO3)	2024/09/05			97	85 - 115	<1.0	mg/L	0.38	20		
9618867	Dissolved Organic Carbon	2024/09/05	96	80 - 120	98	80 - 120	<0.40	mg/L	3.8	20		
9621256	Mercury (Hg)	2024/09/06	99	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
9621277	Dissolved Mercury (Hg)	2024/09/06	100	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
9622316	Dissolved Calcium (Ca)	2024/09/09	NC	80 - 120	99	80 - 120	<0.05	mg/L	1.4	20		
9622316	Dissolved Magnesium (Mg)	2024/09/09	88	80 - 120	98	80 - 120	<0.05	mg/L	1.3	20		
9622316	Dissolved Potassium (K)	2024/09/09	93	80 - 120	99	80 - 120	<1	mg/L	1.2	20		
9622316	Dissolved Sodium (Na)	2024/09/09	87	80 - 120	98	80 - 120	<0.5	mg/L	0.61	20		
9627054	Total Phosphorus (P)	2024/09/09	99	80 - 120	100	80 - 120	<0.0010	mg/L	9.5	20	90	80 - 120
9631099	Free Cyanide (CN)	2024/09/10	100	80 - 120	94	80 - 120	<2.0	ug/L				
9638226	Weak Acid Dissoc. Cyanide (CN)	2024/09/12	95	80 - 120	96	80 - 120	<0.00050	mg/L				
9638227	Dissolved Sulphate (SO4)	2024/09/09	105	80 - 120	100	80 - 120	<0.50	mg/L				
9638228	Reactive Silica (SiO2)	2024/09/12	105	80 - 120	105	80 - 120	<0.050	mg/L	NC	20		
9638229	Strong Acid Dissoc. Cyanide (CN)	2024/09/12	95	80 - 120	99	80 - 120	<0.00050	mg/L				
9643031	Dissolved Aluminum (Al)	2024/09/06	95	80 - 120	99	80 - 120	<0.50	ug/L				
9643031	Dissolved Antimony (Sb)	2024/09/06	103	80 - 120	106	80 - 120	<0.020	ug/L				

BUREAU
VERITAS

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

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
9643031	Dissolved Arsenic (As)	2024/09/06	104	80 - 120	105	80 - 120	<0.020	ug/L				
9643031	Dissolved Barium (Ba)	2024/09/06	96	80 - 120	104	80 - 120	<0.020	ug/L				
9643031	Dissolved Beryllium (Be)	2024/09/06	98	80 - 120	98	80 - 120	<0.010	ug/L				
9643031	Dissolved Bismuth (Bi)	2024/09/06	96	80 - 120	104	80 - 120	<0.0050	ug/L				
9643031	Dissolved Boron (B)	2024/09/06	99	80 - 120	104	80 - 120	<10	ug/L				
9643031	Dissolved Cadmium (Cd)	2024/09/06	102	80 - 120	105	80 - 120	<0.0050	ug/L				
9643031	Dissolved Chromium (Cr)	2024/09/06	94	80 - 120	100	80 - 120	<0.10	ug/L				
9643031	Dissolved Copper (Cu)	2024/09/06	91	80 - 120	101	80 - 120	<0.050	ug/L				
9643031	Dissolved Iron (Fe)	2024/09/06	99	80 - 120	106	80 - 120	<1.0	ug/L				
9643031	Dissolved Lead (Pb)	2024/09/06	96	80 - 120	103	80 - 120	<0.0050	ug/L				
9643031	Dissolved Lithium (Li)	2024/09/06	97	80 - 120	104	80 - 120	<0.50	ug/L				
9643031	Dissolved Manganese (Mn)	2024/09/06	NC	80 - 120	97	80 - 120	<0.050	ug/L				
9643031	Dissolved Molybdenum (Mo)	2024/09/06	109	80 - 120	110	80 - 120	<0.050	ug/L				
9643031	Dissolved Nickel (Ni)	2024/09/06	93	80 - 120	100	80 - 120	<0.020	ug/L				
9643031	Dissolved Selenium (Se)	2024/09/06	103	80 - 120	103	80 - 120	<0.040	ug/L				
9643031	Dissolved Silver (Ag)	2024/09/06	101	80 - 120	102	80 - 120	<0.0050	ug/L				
9643031	Dissolved Strontium (Sr)	2024/09/06	NC	80 - 120	100	80 - 120	<0.050	ug/L				
9643031	Dissolved Thallium (Tl)	2024/09/06	98	80 - 120	103	80 - 120	<0.0020	ug/L				
9643031	Dissolved Tin (Sn)	2024/09/06	101	80 - 120	106	80 - 120	<0.20	ug/L				
9643031	Dissolved Titanium (Ti)	2024/09/06	99	80 - 120	104	80 - 120	<0.50	ug/L				
9643031	Dissolved Uranium (U)	2024/09/06	103	80 - 120	107	80 - 120	<0.0020	ug/L				
9643031	Dissolved Vanadium (V)	2024/09/06	94	80 - 120	98	80 - 120	<0.20	ug/L				
9643031	Dissolved Zinc (Zn)	2024/09/06	98	80 - 120	106	80 - 120	<0.10	ug/L				
9643034	Total Aluminum (Al)	2024/09/06	85	80 - 120	105	80 - 120	<0.50	ug/L				
9643034	Total Antimony (Sb)	2024/09/06	99	80 - 120	104	80 - 120	<0.020	ug/L				
9643034	Total Arsenic (As)	2024/09/06	102	80 - 120	104	80 - 120	<0.020	ug/L				
9643034	Total Barium (Ba)	2024/09/06	NC	80 - 120	101	80 - 120	<0.020	ug/L				
9643034	Total Beryllium (Be)	2024/09/06	102	80 - 120	102	80 - 120	<0.010	ug/L				
9643034	Total Bismuth (Bi)	2024/09/06	94	80 - 120	104	80 - 120	<0.0050	ug/L				
9643034	Total Boron (B)	2024/09/06	94	80 - 120	101	80 - 120	<10	ug/L				
9643034	Total Cadmium (Cd)	2024/09/06	99	80 - 120	103	80 - 120	<0.0050	ug/L				
9643034	Total Chromium (Cr)	2024/09/06	91	80 - 120	98	80 - 120	<0.10	ug/L				

BUREAU
VERITAS

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

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
9643034	Total Copper (Cu)	2024/09/06	84	80 - 120	96	80 - 120	<0.050	ug/L				
9643034	Total Iron (Fe)	2024/09/06	92	80 - 120	105	80 - 120	<1.0	ug/L				
9643034	Total Lead (Pb)	2024/09/06	95	80 - 120	103	80 - 120	<0.0050	ug/L				
9643034	Total Lithium (Li)	2024/09/06	98	80 - 120	101	80 - 120	<0.50	ug/L				
9643034	Total Manganese (Mn)	2024/09/06	NC	80 - 120	100	80 - 120	<0.050	ug/L				
9643034	Total Molybdenum (Mo)	2024/09/06	108	80 - 120	107	80 - 120	<0.050	ug/L				
9643034	Total Nickel (Ni)	2024/09/06	90	80 - 120	100	80 - 120	<0.020	ug/L				
9643034	Total Selenium (Se)	2024/09/06	99	80 - 120	105	80 - 120	<0.040	ug/L				
9643034	Total Silver (Ag)	2024/09/06	97	80 - 120	100	80 - 120	<0.0050	ug/L				
9643034	Total Strontium (Sr)	2024/09/06	NC	80 - 120	97	80 - 120	<0.050	ug/L				
9643034	Total Thallium (Tl)	2024/09/06	99	80 - 120	104	80 - 120	<0.0020	ug/L				
9643034	Total Tin (Sn)	2024/09/06	100	80 - 120	103	80 - 120	<0.20	ug/L				
9643034	Total Titanium (Ti)	2024/09/06	99	80 - 120	103	80 - 120	<0.50	ug/L				
9643034	Total Uranium (U)	2024/09/06	106	80 - 120	105	80 - 120	<0.0020	ug/L				
9643034	Total Vanadium (V)	2024/09/06	93	80 - 120	98	80 - 120	<0.20	ug/L				
9643034	Total Zinc (Zn)	2024/09/06	95	80 - 120	106	80 - 120	<0.10	ug/L				
9643035	Total Aluminum (Al)	2024/09/10	100	80 - 120	103	80 - 120	<3.0	ug/L				
9643035	Total Antimony (Sb)	2024/09/10	104	80 - 120	103	80 - 120	<0.020	ug/L				
9643035	Total Arsenic (As)	2024/09/10	104	80 - 120	104	80 - 120	<0.020	ug/L				
9643035	Total Barium (Ba)	2024/09/10	101	80 - 120	102	80 - 120	<0.050	ug/L				
9643035	Total Beryllium (Be)	2024/09/10	101	80 - 120	101	80 - 120	<0.010	ug/L				
9643035	Total Bismuth (Bi)	2024/09/10	99	80 - 120	101	80 - 120	<0.010	ug/L				
9643035	Total Boron (B)	2024/09/10	103	80 - 120	103	80 - 120	<10	ug/L				
9643035	Total Cadmium (Cd)	2024/09/10	102	80 - 120	102	80 - 120	<0.0050	ug/L				
9643035	Total Chromium (Cr)	2024/09/10	100	80 - 120	101	80 - 120	<0.10	ug/L				
9643035	Total Cobalt (Co)	2024/09/10	96	80 - 120	98	80 - 120	<0.010	ug/L				
9643035	Total Copper (Cu)	2024/09/10	94	80 - 120	97	80 - 120	<0.10	ug/L				
9643035	Total Iron (Fe)	2024/09/10	100	80 - 120	102	80 - 120	<5.0	ug/L				
9643035	Total Lead (Pb)	2024/09/10	100	80 - 120	99	80 - 120	<0.020	ug/L				
9643035	Total Lithium (Li)	2024/09/10	98	80 - 120	101	80 - 120	<0.50	ug/L				
9643035	Total Manganese (Mn)	2024/09/10	98	80 - 120	101	80 - 120	<0.10	ug/L				
9643035	Total Molybdenum (Mo)	2024/09/10	NC	80 - 120	107	80 - 120	<0.050	ug/L				

BUREAU
VERITAS

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

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
9643035	Total Nickel (Ni)	2024/09/10	97	80 - 120	99	80 - 120	<0.10	ug/L				
9643035	Total Phosphorus (P)	2024/09/10	103	80 - 120	102	80 - 120	<5.0	ug/L				
9643035	Total Selenium (Se)	2024/09/10	102	80 - 120	102	80 - 120	<0.040	ug/L				
9643035	Total Silicon (Si)	2024/09/10	98	80 - 120	106	80 - 120	<50	ug/L				
9643035	Total Silver (Ag)	2024/09/10	101	80 - 120	101	80 - 120	<0.010	ug/L				
9643035	Total Strontium (Sr)	2024/09/10	NC	80 - 120	100	80 - 120	<0.050	ug/L				
9643035	Total Sulphur (S)	2024/09/10	101	80 - 120	99	80 - 120	<600	ug/L				
9643035	Total Thallium (Tl)	2024/09/10	103	80 - 120	101	80 - 120	<0.0020	ug/L				
9643035	Total Tin (Sn)	2024/09/10	104	80 - 120	103	80 - 120	<0.20	ug/L				
9643035	Total Titanium (Ti)	2024/09/10	102	80 - 120	103	80 - 120	<2.0	ug/L				
9643035	Total Uranium (U)	2024/09/10	103	80 - 120	103	80 - 120	<0.0050	ug/L				
9643035	Total Vanadium (V)	2024/09/10	103	80 - 120	101	80 - 120	<0.20	ug/L				
9643035	Total Zinc (Zn)	2024/09/10	99	80 - 120	102	80 - 120	<1.0	ug/L				
9643035	Total Zirconium (Zr)	2024/09/10	111	80 - 120	107	80 - 120	<0.10	ug/L				
9643036	Bromide (Br-)	2024/09/16	NC	78 - 120	98	80 - 120	<0.010	mg/L				

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

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

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).



BUREAU
VERITAS

Bureau Veritas Job #: C4R4174

Report Date: 2024/09/27

Agnico Eagle

Site Location: Meadowbank

Your P.O. #: 1368140

Sampler Initials: RW

VALIDATION SIGNATURE PAGE

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

David Huang, BBY Scientific Specialist

Louise Harding, 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 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.

APPENDIX C-VII ANALYTICAL REPORT NO. R8338213

Monitoring Location	WSP Sample ID	Lab Sample ID
MW-IPD-07	MW-IPD-07A	ABYR33
	MW-IPD-07B	ABYR34
MW-IPD-01(D)	MW-IPD-01(D)A	ABYR35
	MW-IPD-01(D)B	ABYR36
MW-IPD-01(S)	MW-IPD-01(S)A	ABYR37
	MW-IPD-01(S)B	ABYR38
Field Blank	FB-02	ABYR40
Trip Blank	TB-02	ABYR39



Your P.O. #: 1368140
Your Project #: MBK GW
Your C.O.C. #: 956604

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2025/01/07
Report #: R8467160
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C4R6798

Received: 2024/09/04, 11:00

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity	8	N/A	2024/09/06	CAM SOP-00448	SM 24 2320 B m
Carbonate, Bicarbonate and Hydroxide	8	N/A	2024/09/07	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry	8	N/A	2024/09/06	CAM SOP-00463	SM 24 4500-Cl E m
Conductivity	8	N/A	2024/09/06	CAM SOP-00414	SM 24 2510 m
Dissolved Organic Carbon (DOC) (3)	6	N/A	2024/09/06	CAM SOP-00446	SM 24 5310 B m
Dissolved Organic Carbon (DOC) (3)	2	N/A	2024/09/07	CAM SOP-00446	SM 24 5310 B m
Fluoride	8	2024/09/06	2024/09/06	CAM SOP-00449	SM 24 4500-F C m
Dissolved Mercury (low level)	8	2024/09/06	2024/09/06	CAM SOP-00453	EPA 7470 m
Mercury (low level)	8	2024/09/06	2024/09/06	CAM SOP-00453	EPA 7470 m
Lab Filtered Metals Analysis by ICP	8	2024/09/06	2024/09/09	CAM SOP-00408	EPA 6010D m
Low Level Chloride and Sulphate by AC (1)	8	N/A	2024/09/11	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (Free) (1)	8	N/A	2024/09/10	CAL SOP-00266	EPA 9016d R0 m
Cyanide, Strong Acid Dissociable (SAD) (1)	8	2024/09/13	2024/09/13	CAL SOP-00270	SM 24 4500-CN m
Cyanide WAD (weak acid dissociable) (1)	8	N/A	2024/09/13	CAL SOP-00270	SM 24 4500-CN m
Hardness Total (calculated as CaCO3) (2, 4)	8	N/A	2024/09/10	BBY WI-00033	Auto Calc
Bromide as Bromine (Br) by ICPMS (2)	2	N/A	2024/09/16	BBY7SOP-00002	EPA 6020B R2 m
Bromide as Bromine (Br) by ICPMS (2)	6	N/A	2024/09/17	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	8	N/A	2024/09/10	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (2, 5)	8	N/A	2024/09/10	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (dissolved) (2, 5)	4	N/A	2024/09/24	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	8	N/A	2024/09/10	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (2)	8	N/A	2024/09/10	BBY7SOP-00002	EPA 6020b R2 m
Silica (Reactive) (1)	8	N/A	2024/09/12	AB SOP-00011	EPA 370.1 R1978 m
Total Phosphorus Low Level Total (1)	1	2024/09/10	2024/09/10	AB SOP-00024	SM 24 4500-P A,B,F m
Total Phosphorus Low Level Total (1)	3	2024/09/11	2024/09/11	AB SOP-00024	SM 24 4500-P A,B,F m
Total Phosphorus Low Level Total (1)	2	2024/09/12	2024/09/12	AB SOP-00024	SM 24 4500-P A,B,F m
Total Phosphorus Low Level Total (1)	2	2024/09/09	2024/09/10	AB SOP-00024	SM 24 4500-P A,B,F m
Total Ammonia (as NH3)	8	N/A	2024/09/09	Auto Calc.	
Ammonium as NH4+	6	N/A	2024/09/09		
Total Ammonia-N	8	N/A	2024/09/09	CAM SOP-00441	USGS I-2522-90 m



Your P.O. #: 1368140
Your Project #: MBK GW
Your C.O.C. #: 956604

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2025/01/07
Report #: R8467160
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C4R6798

Received: 2024/09/04, 11:00

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Nitrate & Nitrite as Nitrogen in Water (6)	8	N/A	2024/09/07	CAM SOP-00440	SM 24 4500-NO3I/NO2B
pH (7)	8	2024/09/06	2024/09/06	CAM SOP-00413	SM 24th - 4500H+ B
Field Measured pH (8)	6	N/A	2024/09/05		Field pH Meter
Orthophosphate	8	N/A	2024/09/06	CAM SOP-00461	SM 24 4500-P E
Redox Potential (9)	8	2024/09/06	2024/09/07	CAM SOP-00421	SM 24 2580 B
Sodium Adsorption Ratio (SAR)	8	N/A	2024/09/10	CAM SOP-00102	EPA 6010C
Total Dissolved Solids (TDS calc)	8	N/A	2024/09/27		Auto Calc
Total Dissolved Solids	2	2024/09/05	2024/09/06	CAM SOP-00428	SM 24 2540C m
Total Dissolved Solids	6	2024/09/06	2024/09/09	CAM SOP-00428	SM 24 2540C m
Field Temperature (8)	6	N/A	2024/09/05		Field Thermometer
Total Kjeldahl Nitrogen in Water	8	2024/09/06	2024/09/09	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (10)	8	N/A	2024/09/07	CAM SOP-00446	SM 24 5310B m
Low Level Total Suspended Solids	2	2024/09/05	2024/09/06	CAM SOP-00428	SM 24 2540D m
Low Level Total Suspended Solids	6	2024/09/06	2024/09/06	CAM SOP-00428	SM 24 2540D m
Turbidity	8	N/A	2024/09/06	CAM SOP-00417	SM 24 2130 B
Un-ionized Ammonia (as N) (11)	6	2024/09/05	2024/09/09	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, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.



Your P.O. #: 1368140
Your Project #: MBK GW
Your C.O.C. #: 956604

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2025/01/07
Report #: R8467160
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C4R6798

Received: 2024/09/04, 11:00

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.

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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) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.

(4) "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).

(5) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(6) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

(7) "The CCME method and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) requires pH to be analyzed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME and Analytical Protocol (O. Reg 153/04, O. Reg. 406/19) holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt."

(8) This is a field test, therefore, the results relate to items that were not analysed at Bureau Veritas.

(9) Oxidation-Reduction Potential (ORP) values are determined using a Ag/AgCl reference electrode. The test is therefore, not SCC accredited for this matrix.

(10) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.

(11) 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 #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR33			ABYR33			ABYR34		
Sampling Date		2024/08/29 12:00			2024/08/29 12:00			2024/08/29 12:00		
COC Number		956604			956604			956604		
	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 NH ₃)	mg/L	0.13	0.061	9620323				0.13	0.061	9620323
Ammonium (NH ₄)	mg/L	0.12	0.0061	9620324				0.13	0.0061	9620324
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	100	1.0	9618508				99	1.0	9618508
Calculated TDS	mg/L	160	1.0	9618503				170	1.0	9618503
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	1.9	1.0	9618508				1.6	1.0	9618508
Sodium Adsorption Ratio	N/A	1.2		9618505				1.3		9618505

CONVENTIONALS

Redox Potential	mV	140	N/A	9623236				190	N/A	9623236
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Field Measurements

Field Temperature	Celsius	19.68	N/A	ONSITE				19.68	N/A	ONSITE
Field Measured pH	pH	8.46		ONSITE				8.46		ONSITE

Inorganics

Total Ammonia-N	mg/L	0.11	0.050	9621692				0.11	0.050	9621692
Conductivity	umho/cm	280	1.0	9621883				280	1.0	9621883
Free Cyanide (CN)	ug/L	<2.0 (1)	2.0	9631099				<2.0 (1)	2.0	9631099
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9657192				<0.00050	0.00050	9657192
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9657193				<0.00050	0.00050	9657193
Total Dissolved Solids	mg/L	165	10	9620327				165	10	9620327
Fluoride (F ⁻)	mg/L	1.1	0.10	9621887				1.1	0.10	9621887
Total Kjeldahl Nitrogen (TKN)	mg/L	0.19	0.10	9621824				0.20	0.10	9621824
Dissolved Organic Carbon	mg/L	0.99	0.40	9619730				0.99	0.40	9619730
Total Organic Carbon (TOC)	mg/L	1.1	0.40	9621744				1.1	0.40	9621744
Orthophosphate (P)	mg/L	0.027	0.010	9620501				0.029	0.010	9620501
pH	pH	8.31		9621889				8.22		9621889
Total Phosphorus (P)	mg/L	0.028	0.0010	9657194				0.029	0.0010	9632897
Reactive Silica (SiO ₂)	mg/L	7.7	0.050	9641862				7.8	0.050	9638228
Total Suspended Solids	mg/L	<1	1	9616754				<1	1	9616754

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 #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR33			ABYR33			ABYR34		
Sampling Date		2024/08/29 12:00			2024/08/29 12:00			2024/08/29 12:00		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-07A	RDL	QC Batch	MW-IPD-07A Lab-Dup	RDL	QC Batch	MW-IPD-07B	RDL	QC Batch
Turbidity	NTU	0.4	0.1	9621863				0.3	0.1	9621863
Alkalinity (Total as CaCO ₃)	mg/L	100	1.0	9621875				100	1.0	9621875
Dissolved Chloride (Cl ⁻)	mg/L	8.4	1.0	9620495				8.4	1.0	9620495
Nitrite (N)	mg/L	<0.010	0.010	9620463				<0.010	0.010	9620463
Nitrate (N)	mg/L	<0.10	0.10	9620463				<0.10	0.10	9620463
Dissolved Sulphate (SO ₄)	mg/L	27	0.50	9641867				26	0.50	9641867
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9620463				<0.10	0.10	9620463
Un-ionized Ammonia (as N)	mg/L	0.011	0.005	9618506				0.011	0.005	9618506
Metals										
Dissolved Aluminum (Al)	ug/L	80.1	0.50	9664316				13.1	0.50	9664327
Total Aluminum (Al)	ug/L	13.1	0.50	9664325	13.3	0.50	9664325	21.6	0.50	9664325
Dissolved Antimony (Sb)	ug/L	0.121	0.020	9664316				0.035	0.020	9664327
Total Antimony (Sb)	ug/L	<0.020	0.020	9664325	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Arsenic (As)	ug/L	6.47	0.020	9664327				6.62	0.020	9664327
Total Arsenic (As)	ug/L	6.65	0.020	9664325	6.68	0.020	9664325	6.86	0.020	9664325
Dissolved Barium (Ba)	ug/L	13.0	0.020	9664327				11.6	0.020	9664327
Total Barium (Ba)	ug/L	12.0	0.020	9664325	12.0	0.020	9664325	12.0	0.020	9664325
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9664327				<0.010	0.010	9664327
Total Beryllium (Be)	ug/L	<0.010	0.010	9664325	<0.010	0.010	9664325	<0.010	0.010	9664325
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9664327				<0.0050	0.0050	9664327
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Boron (B)	ug/L	285	10	9664327				291	10	9664327
Total Boron (B)	ug/L	268	10	9664325	288	10	9664325	284	10	9664325
Dissolved Cadmium (Cd)	ug/L	0.0055	0.0050	9664327				<0.0050	0.0050	9664327
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Chromium (Cr)	ug/L	0.88	0.10	9664316				0.25	0.10	9664327
Total Chromium (Cr)	ug/L	0.35	0.10	9664325	0.36	0.10	9664325	0.66	0.10	9664325
Dissolved Copper (Cu)	ug/L	0.911	0.050	9664316				0.140	0.050	9664327
Total Copper (Cu)	ug/L	0.089	0.050	9664325	0.076	0.050	9664325	0.269	0.050	9664325
Dissolved Iron (Fe)	ug/L	174	1.0	9664327				73.9	1.0	9664327
Total Iron (Fe)	ug/L	105	1.0	9664325	105	1.0	9664325	135	1.0	9664325
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR33			ABYR33			ABYR34		
Sampling Date		2024/08/29 12:00			2024/08/29 12:00			2024/08/29 12:00		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-07A	RDL	QC Batch	MW-IPD-07A Lab-Dup	RDL	QC Batch	MW-IPD-07B	RDL	QC Batch
Dissolved Lead (Pb)	ug/L	0.298	0.0050	9664316				0.0683	0.0050	9664327
Total Lead (Pb)	ug/L	0.0583	0.0050	9664325	0.0624	0.0050	9664325	0.231	0.0050	9664325
Dissolved Lithium (Li)	ug/L	5.64	0.50	9664327				5.21	0.50	9664327
Total Lithium (Li)	ug/L	5.11	0.50	9664325	5.17	0.50	9664325	5.16	0.50	9664325
Dissolved Manganese (Mn)	ug/L	48.1	0.050	9664327				43.6	0.050	9664327
Total Manganese (Mn)	ug/L	44.9	0.050	9664325	44.9	0.050	9664325	47.1	0.050	9664325
Dissolved Molybdenum (Mo)	ug/L	7.30	0.050	9664327				7.49	0.050	9664327
Total Molybdenum (Mo)	ug/L	7.44	0.050	9664325	7.31	0.050	9664325	7.55	0.050	9664325
Dissolved Nickel (Ni)	ug/L	0.772	0.020	9664316				0.186	0.020	9664327
Total Nickel (Ni)	ug/L	0.189	0.020	9664325	0.184	0.020	9664325	0.409	0.020	9664325
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9664316				0.142	0.040	9664327
Total Selenium (Se)	ug/L	<0.040	0.040	9664325	<0.040	0.040	9664325	<0.040	0.040	9664325
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9664327				<0.0050	0.0050	9664327
Total Silver (Ag)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Strontium (Sr)	ug/L	174	0.050	9664327				173	0.050	9664327
Total Strontium (Sr)	ug/L	172	0.050	9664325	168	0.050	9664325	172	0.050	9664325
Dissolved Thallium (Tl)	ug/L	0.0040	0.0020	9664327				<0.0020	0.0020	9664327
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9664325	<0.0020	0.0020	9664325	<0.0020	0.0020	9664325
Dissolved Tin (Sn)	ug/L	3.19	0.20	9664316				<0.20	0.20	9664327
Total Tin (Sn)	ug/L	<0.20	0.20	9664325	<0.20	0.20	9664325	<0.20	0.20	9664325
Dissolved Titanium (Ti)	ug/L	1.28	0.50	9664327				<0.50	0.50	9664327
Total Titanium (Ti)	ug/L	0.78	0.50	9664325	0.77	0.50	9664325	0.97	0.50	9664325
Dissolved Uranium (U)	ug/L	0.209	0.0020	9664327				0.180	0.0020	9664327
Total Uranium (U)	ug/L	0.178	0.0020	9664325	0.179	0.0020	9664325	0.189	0.0020	9664325
Dissolved Vanadium (V)	ug/L	0.40	0.20	9664327				<0.20	0.20	9664327
Total Vanadium (V)	ug/L	<0.20	0.20	9664325	<0.20	0.20	9664325	<0.20	0.20	9664325
Dissolved Zinc (Zn)	ug/L	10.8	0.10	9664316				2.74	0.10	9664316
Total Zinc (Zn)	ug/L	0.61	0.10	9664325	0.59	0.10	9664325	1.43	0.10	9664325
Dissolved Calcium (Ca)	mg/L	20.0	0.050	9664326				17.7	0.050	9664326
Total Calcium (Ca)	mg/L	17.5	0.050	9634349				17.4	0.050	9634349
Dissolved Magnesium (Mg)	mg/L	9.12	0.050	9664326				9.06	0.050	9664326
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR33			ABYR33			ABYR34		
Sampling Date		2024/08/29 12:00			2024/08/29 12:00			2024/08/29 12:00		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-07A	RDL	QC Batch	MW-IPD-07A Lab-Dup	RDL	QC Batch	MW-IPD-07B	RDL	QC Batch
Total Magnesium (Mg)	mg/L	8.87	0.050	9634349				9.00	0.050	9634349
Dissolved Potassium (K)	mg/L	2.16	0.050	9664326				2.03	0.050	9664326
Total Potassium (K)	mg/L	2.02	0.050	9634349				2.05	0.050	9634349
Dissolved Sodium (Na)	mg/L	25.5	0.050	9664326				24.8	0.050	9664326
Total Sodium (Na)	mg/L	25.1	0.050	9634349				24.9	0.050	9634349
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR34			ABYR35		ABYR36		
Sampling Date		2024/08/29 12:00			2024/08/30 14:30		2024/08/30 14:30		
COC Number		956604			956604		956604		
	UNITS	MW-IPD-07B Lab-Dup	RDL	QC Batch	MW-IPD-01(d)A	QC Batch	MW-IPD-01(d)B	RDL	QC Batch

Calculated Parameters									
Total Ammonia (as NH ₃)	mg/L				<0.061	9620323	<0.061	0.061	9620323
Ammonium (NH ₄)	mg/L				<0.0046	9620324	<0.0046	0.0046	9620324
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L				94	9618508	96	1.0	9618508
Calculated TDS	mg/L				180	9618503	180	1.0	9618503
Carb. Alkalinity (calc. as CaCO ₃)	mg/L				1.1	9618508	1.2	1.0	9618508
Sodium Adsorption Ratio	N/A				0.94	9618505	0.94		9618505

CONVENTIONALS									
Redox Potential	mV				110	9623236	180	N/A	9623236

Field Measurements									
Field Temperature	Celsius				22.72	ONSITE	22.72	N/A	ONSITE
Field Measured pH	pH				8.23	ONSITE	8.23		ONSITE

Inorganics									
Total Ammonia-N	mg/L				<0.050	9621692	<0.050	0.050	9621692
Conductivity	umho/cm	290	1.0	9621883	350	9621883	350	1.0	9621883
Free Cyanide (CN)	ug/L				<2.0 (1)	9631099	<2.0 (1)	2.0	9631099
Strong Acid Dissoc. Cyanide (CN)	mg/L				<0.00050	9657192	<0.00050	0.00050	9657192
Weak Acid Dissoc. Cyanide (CN)	mg/L				<0.00050	9657193	<0.00050	0.00050	9657193
Total Dissolved Solids	mg/L				175	9621500	175	10	9621500
Fluoride (F ⁻)	mg/L	1.1	0.10	9621887	0.55	9621887	0.55	0.10	9621887
Total Kjeldahl Nitrogen (TKN)	mg/L	0.17	0.10	9621824	<0.10	9621824	0.14	0.10	9621824
Dissolved Organic Carbon	mg/L				1.2	9619730	1.2	0.40	9619730
Total Organic Carbon (TOC)	mg/L				1.3	9621744	1.2	0.40	9621744
Orthophosphate (P)	mg/L				<0.010	9620501	<0.010	0.010	9620501
pH	pH	8.24		9621889	8.11	9621889	8.13		9621889
Total Phosphorus (P)	mg/L				0.0021	9632897	0.0021	0.0010	9632897
Reactive Silica (SiO ₂)	mg/L				7.0	9638228	6.9	0.050	9638228
Total Suspended Solids	mg/L				<1	9621278	1	1	9621278

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 #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR34			ABYR35		ABYR36		
Sampling Date		2024/08/29 12:00			2024/08/30 14:30		2024/08/30 14:30		
COC Number		956604			956604		956604		
	UNITS	MW-IPD-07B Lab-Dup	RDL	QC Batch	MW-IPD-01(d)A	QC Batch	MW-IPD-01(d)B	RDL	QC Batch
Turbidity	NTU				0.3	9621863	0.2	0.1	9621863
Alkalinity (Total as CaCO ₃)	mg/L	100	1.0	9621875	95	9621875	98	1.0	9621875
Dissolved Chloride (Cl ⁻)	mg/L				43	9620495	43	1.0	9620495
Nitrite (N)	mg/L				<0.010	9620463	<0.010	0.010	9620463
Nitrate (N)	mg/L				<0.10	9620463	<0.10	0.10	9620463
Dissolved Sulphate (SO ₄)	mg/L				4.0	9641867	6.6	0.50	9641867
Nitrate + Nitrite (N)	mg/L				<0.10	9620463	<0.10	0.10	9620463
Un-ionized Ammonia (as N)	mg/L				<0.0038	9618506	<0.0038	0.0038	9618506
Metals									
Dissolved Aluminum (Al)	ug/L				2.60	9664327	4.13	0.50	9664327
Total Aluminum (Al)	ug/L				5.55	9664325	10.7	0.50	9664325
Dissolved Antimony (Sb)	ug/L				<0.020	9664327	<0.020	0.020	9664327
Total Antimony (Sb)	ug/L				<0.020	9664325	<0.020	0.020	9664325
Dissolved Arsenic (As)	ug/L				33.4	9664327	33.8	0.020	9664327
Total Arsenic (As)	ug/L				33.7	9664325	33.6	0.020	9664325
Dissolved Barium (Ba)	ug/L				19.2	9664327	19.6	0.020	9664327
Total Barium (Ba)	ug/L				20.6	9664325	21.4	0.020	9664325
Dissolved Beryllium (Be)	ug/L				<0.010	9664327	<0.010	0.010	9664327
Total Beryllium (Be)	ug/L				<0.010	9664325	<0.010	0.010	9664325
Dissolved Bismuth (Bi)	ug/L				<0.0050	9664327	<0.0050	0.0050	9664327
Total Bismuth (Bi)	ug/L				<0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Boron (B)	ug/L				184	9664327	177	10	9664327
Total Boron (B)	ug/L				168	9664325	174	10	9664325
Dissolved Cadmium (Cd)	ug/L				0.0085	9664327	<0.0050	0.0050	9664327
Total Cadmium (Cd)	ug/L				<0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Chromium (Cr)	ug/L				<0.10	9664327	0.11	0.10	9664327
Total Chromium (Cr)	ug/L				<0.10	9664325	0.14	0.10	9664325
Dissolved Copper (Cu)	ug/L				<0.050	9664327	<0.050	0.050	9664327
Total Copper (Cu)	ug/L				0.088	9664325	1.17	0.050	9664325
Dissolved Iron (Fe)	ug/L				46.3	9664327	47.5	1.0	9664327
Total Iron (Fe)	ug/L				76.0	9664325	87.8	1.0	9664325
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR34			ABYR35		ABYR36		
Sampling Date		2024/08/29 12:00			2024/08/30 14:30		2024/08/30 14:30		
COC Number		956604			956604		956604		
	UNITS	MW-IPD-07B Lab-Dup	RDL	QC Batch	MW-IPD-01(d)A	QC Batch	MW-IPD-01(d)B	RDL	QC Batch
Dissolved Lead (Pb)	ug/L				0.0763	9664316	0.0294	0.0050	9664327
Total Lead (Pb)	ug/L				0.0356	9664325	0.0977	0.0050	9664325
Dissolved Lithium (Li)	ug/L				4.58	9664327	4.62	0.50	9664327
Total Lithium (Li)	ug/L				4.59	9664325	4.73	0.50	9664325
Dissolved Manganese (Mn)	ug/L				33.2	9664327	34.2	0.050	9664327
Total Manganese (Mn)	ug/L				34.0	9664325	34.9	0.050	9664325
Dissolved Molybdenum (Mo)	ug/L				8.62	9664327	8.76	0.050	9664327
Total Molybdenum (Mo)	ug/L				8.79	9664325	8.95	0.050	9664325
Dissolved Nickel (Ni)	ug/L				0.260	9664327	0.259	0.020	9664327
Total Nickel (Ni)	ug/L				0.294	9664325	0.491	0.020	9664325
Dissolved Selenium (Se)	ug/L				<0.040	9664327	<0.040	0.040	9664327
Total Selenium (Se)	ug/L				<0.040	9664325	<0.040	0.040	9664325
Dissolved Silver (Ag)	ug/L				<0.0050	9664327	<0.0050	0.0050	9664327
Total Silver (Ag)	ug/L				<0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Strontium (Sr)	ug/L				287	9664327	287	0.050	9664327
Total Strontium (Sr)	ug/L				297	9664325	299	0.050	9664325
Dissolved Thallium (Tl)	ug/L				<0.0020	9664327	<0.0020	0.0020	9664327
Total Thallium (Tl)	ug/L				<0.0020	9664325	<0.0020	0.0020	9664325
Dissolved Tin (Sn)	ug/L				<0.20	9664327	<0.20	0.20	9664327
Total Tin (Sn)	ug/L				<0.20	9664325	<0.20	0.20	9664325
Dissolved Titanium (Ti)	ug/L				<0.50	9664327	<0.50	0.50	9664327
Total Titanium (Ti)	ug/L				<0.50	9664325	<0.50	0.50	9664325
Dissolved Uranium (U)	ug/L				0.504	9664327	0.506	0.0020	9664327
Total Uranium (U)	ug/L				0.508	9664325	0.517	0.0020	9664325
Dissolved Vanadium (V)	ug/L				<0.20	9664327	<0.20	0.20	9664327
Total Vanadium (V)	ug/L				<0.20	9664325	<0.20	0.20	9664325
Dissolved Zinc (Zn)	ug/L				0.30	9664327	0.24	0.10	9664327
Total Zinc (Zn)	ug/L				0.35	9664325	2.56	0.10	9664325
Dissolved Calcium (Ca)	mg/L				21.6	9664326	21.8	0.050	9664326
Total Calcium (Ca)	mg/L				22.0	9634349	22.1	0.050	9634349
Dissolved Magnesium (Mg)	mg/L				13.0	9664326	12.9	0.050	9664326
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR34			ABYR35		ABYR36		
Sampling Date		2024/08/29 12:00			2024/08/30 14:30		2024/08/30 14:30		
COC Number		956604			956604		956604		
	UNITS	MW-IPD-07B Lab-Dup	RDL	QC Batch	MW-IPD-01(d)A	QC Batch	MW-IPD-01(d)B	RDL	QC Batch
Total Magnesium (Mg)	mg/L				13.1	9634349	13.3	0.050	9634349
Dissolved Potassium (K)	mg/L				1.16	9664326	1.17	0.050	9664326
Total Potassium (K)	mg/L				1.18	9634349	1.16	0.050	9634349
Dissolved Sodium (Na)	mg/L				20.9	9664326	21.4	0.050	9664326
Total Sodium (Na)	mg/L				21.5	9634349	21.6	0.050	9634349
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR36			ABYR37			ABYR37		
Sampling Date		2024/08/30 14:30			2024/08/31 14:00			2024/08/31 14:00		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(d)B Lab-Dup	RDL	QC Batch	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch

Calculated Parameters										
Total Ammonia (as NH ₃)	mg/L				0.11	0.061	9620323			
Ammonium (NH ₄)	mg/L				0.099	0.0071	9620324			
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L				54	1.0	9618508			
Calculated TDS	mg/L				110	1.0	9618503			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L				<1.0	1.0	9618508			
Sodium Adsorption Ratio	N/A				0.21 (1)		9618505			

CONVENTIONALS										
Redox Potential	mV	170	N/A	9623236	130	N/A	9623236			

Field Measurements										
Field Temperature	Celsius				23.52	N/A	ONSITE			
Field Measured pH	pH				8.41		ONSITE			

Inorganics										
Total Ammonia-N	mg/L				0.087	0.050	9621692			
Conductivity	umho/cm				180	1.0	9621883			
Free Cyanide (CN)	ug/L				<2.0 (2)	2.0	9631099			
Strong Acid Dissoc. Cyanide (CN)	mg/L				<0.00050	0.00050	9657192			
Weak Acid Dissoc. Cyanide (CN)	mg/L				<0.00050	0.00050	9657193			
Total Dissolved Solids	mg/L				105	10	9621500	100	10	9621500
Fluoride (F ⁻)	mg/L				0.34	0.10	9621887			
Total Kjeldahl Nitrogen (TKN)	mg/L				0.15	0.10	9621824			
Dissolved Organic Carbon	mg/L				0.83	0.40	9619730			
Total Organic Carbon (TOC)	mg/L				0.86	0.40	9621744			
Orthophosphate (P)	mg/L				0.020	0.010	9620501			
pH	pH				7.97		9621889			
Total Phosphorus (P)	mg/L				0.016	0.0010	9657195			

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 #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR36			ABYR37			ABYR37		
Sampling Date		2024/08/30 14:30			2024/08/31 14:00			2024/08/31 14:00		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(d)B Lab-Dup	RDL	QC Batch	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch
Reactive Silica (SiO ₂)	mg/L				5.7	0.050	9638228			
Total Suspended Solids	mg/L				<1	1	9621278	<1	1	9621278
Turbidity	NTU	0.3	0.1	9621863	<0.1	0.1	9621863			
Alkalinity (Total as CaCO ₃)	mg/L				55	1.0	9621875			
Dissolved Chloride (Cl ⁻)	mg/L				3.3	1.0	9620495			
Nitrite (N)	mg/L				<0.010	0.010	9620463			
Nitrate (N)	mg/L				<0.10	0.10	9620463			
Dissolved Sulphate (SO ₄)	mg/L				28	0.50	9641867			
Nitrate + Nitrite (N)	mg/L				<0.10	0.10	9620463			
Un-ionized Ammonia (as N)	mg/L				0.010	0.0058	9618506			
Metals										
Dissolved Aluminum (Al)	ug/L				35.2	0.50	9664316			
Total Aluminum (Al)	ug/L				5.64	0.50	9664325			
Dissolved Antimony (Sb)	ug/L				0.310	0.020	9664327			
Total Antimony (Sb)	ug/L				0.267	0.020	9664325			
Dissolved Arsenic (As)	ug/L				43.4	0.020	9664327			
Total Arsenic (As)	ug/L				43.6	0.020	9664325			
Dissolved Barium (Ba)	ug/L				4.85	0.020	9664327			
Total Barium (Ba)	ug/L				4.28	0.020	9664325			
Dissolved Beryllium (Be)	ug/L				<0.010	0.010	9664327			
Total Beryllium (Be)	ug/L				<0.010	0.010	9664325			
Dissolved Bismuth (Bi)	ug/L				<0.0050	0.0050	9664327			
Total Bismuth (Bi)	ug/L				<0.0050	0.0050	9664325			
Dissolved Boron (B)	ug/L				36	10	9664327			
Total Boron (B)	ug/L				37	10	9664325			
Dissolved Cadmium (Cd)	ug/L				0.0082	0.0050	9664327			
Total Cadmium (Cd)	ug/L				<0.0050	0.0050	9664325			
Dissolved Chromium (Cr)	ug/L				0.54	0.10	9664316			
Total Chromium (Cr)	ug/L				<0.10	0.10	9664325			
Dissolved Copper (Cu)	ug/L				0.531	0.050	9664316			
Total Copper (Cu)	ug/L				0.153	0.050	9664325			
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR36			ABYR37			ABYR37		
Sampling Date		2024/08/30 14:30			2024/08/31 14:00			2024/08/31 14:00		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(d)B Lab-Dup	RDL	QC Batch	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch
Dissolved Iron (Fe)	ug/L				296	1.0	9664316			
Total Iron (Fe)	ug/L				39.4	1.0	9664325			
Dissolved Lead (Pb)	ug/L				0.378	0.0050	9664316			
Total Lead (Pb)	ug/L				0.0594	0.0050	9664325			
Dissolved Lithium (Li)	ug/L				1.90	0.50	9664327			
Total Lithium (Li)	ug/L				1.89	0.50	9664325			
Dissolved Manganese (Mn)	ug/L				68.2	0.050	9664327			
Total Manganese (Mn)	ug/L				64.8	0.050	9664325			
Dissolved Molybdenum (Mo)	ug/L				4.46	0.050	9664327			
Total Molybdenum (Mo)	ug/L				4.53	0.050	9664325			
Dissolved Nickel (Ni)	ug/L				1.41	0.020	9664327			
Total Nickel (Ni)	ug/L				1.05	0.020	9664325			
Dissolved Selenium (Se)	ug/L				<0.040	0.040	9664327			
Total Selenium (Se)	ug/L				<0.040	0.040	9664325			
Dissolved Silver (Ag)	ug/L				<0.0050	0.0050	9664327			
Total Silver (Ag)	ug/L				<0.0050	0.0050	9664325			
Dissolved Strontium (Sr)	ug/L				113	0.050	9664327			
Total Strontium (Sr)	ug/L				116	0.050	9664325			
Dissolved Thallium (Tl)	ug/L				<0.0020	0.0020	9664327			
Total Thallium (Tl)	ug/L				<0.0020	0.0020	9664325			
Dissolved Tin (Sn)	ug/L				<0.20	0.20	9664327			
Total Tin (Sn)	ug/L				<0.20	0.20	9664325			
Dissolved Titanium (Ti)	ug/L				0.91	0.50	9664327			
Total Titanium (Ti)	ug/L				<0.50	0.50	9664325			
Dissolved Uranium (U)	ug/L				5.93	0.0020	9664327			
Total Uranium (U)	ug/L				5.97	0.0020	9664325			
Dissolved Vanadium (V)	ug/L				<0.20	0.20	9664327			
Total Vanadium (V)	ug/L				<0.20	0.20	9664325			
Dissolved Zinc (Zn)	ug/L				18.9	0.10	9664316			
Total Zinc (Zn)	ug/L				2.53	0.10	9664325			
Dissolved Calcium (Ca)	mg/L				17.8	0.050	9664326			
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR36			ABYR37			ABYR37		
Sampling Date		2024/08/30 14:30			2024/08/31 14:00			2024/08/31 14:00		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(d)B Lab-Dup	RDL	QC Batch	MW-IPD-01(s)A	RDL	QC Batch	MW-IPD-01(s)A Lab-Dup	RDL	QC Batch
Total Calcium (Ca)	mg/L				17.9	0.050	9634349			
Dissolved Magnesium (Mg)	mg/L				6.94	0.050	9664326			
Total Magnesium (Mg)	mg/L				7.00	0.050	9634349			
Dissolved Potassium (K)	mg/L				2.10	0.050	9664326			
Total Potassium (K)	mg/L				2.04	0.050	9634349			
Dissolved Sodium (Na)	mg/L				3.97	0.050	9664326			
Total Sodium (Na)	mg/L				3.90	0.050	9634349			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR38			ABYR39			ABYR39		
Sampling Date		2024/08/31 14:00			2024/08/29			2024/08/29		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch	TB-02	RDL	QC Batch	TB-02 Lab-Dup	RDL	QC Batch

Calculated Parameters

Total Ammonia (as NH ₃)	mg/L	0.091	0.061	9620323	<0.061	0.061	9620323			
Ammonium (NH ₄)	mg/L	0.086	0.0071	9620324						
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	55	1.0	9618508	<1.0	1.0	9618508			
Calculated TDS	mg/L	100	1.0	9618503	<1.0	1.0	9618503			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9618508	<1.0	1.0	9618508			
Sodium Adsorption Ratio	N/A	0.20 (1)		9618505	NC (1)		9618505			

CONVENTIONALS

Redox Potential	mV	230	N/A	9623236	310	N/A	9623236			
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Field Measurements

Field Temperature	Celsius	23.52	N/A	ONSITE						
Field Measured pH	pH	8.41		ONSITE						

Inorganics

Total Ammonia-N	mg/L	0.075	0.050	9621692	<0.050	0.050	9621692			
Conductivity	umho/cm	180	1.0	9621883	1.2	1.0	9621883			
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	9631099	<2.0 (2)	2.0	9631099			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9657192	<0.00050	0.00050	9657196			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9657193	<0.00050	0.00050	9657197			
Total Dissolved Solids	mg/L	85	10	9621500	<10	10	9621500			
Fluoride (F ⁻)	mg/L	0.35	0.10	9621887	<0.10	0.10	9621887			
Total Kjeldahl Nitrogen (TKN)	mg/L	0.13	0.10	9621824	<0.10	0.10	9621824			
Dissolved Organic Carbon	mg/L	0.85	0.40	9619730	<0.40	0.40	9621657			
Total Organic Carbon (TOC)	mg/L	0.82	0.40	9621744	<0.40	0.40	9621744			
Orthophosphate (P)	mg/L	0.020	0.010	9620501	<0.010	0.010	9620501			
pH	pH	7.97		9621889	6.05		9621889			
Total Phosphorus (P)	mg/L	0.015	0.0010	9657195	<0.0010	0.0010	9647077			

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 #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR38			ABYR39			ABYR39		
Sampling Date		2024/08/31 14:00			2024/08/29			2024/08/29		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch	TB-02	RDL	QC Batch	TB-02 Lab-Dup	RDL	QC Batch
Reactive Silica (SiO ₂)	mg/L	6.0	0.050	9638228	<0.050	0.050	9641862			
Total Suspended Solids	mg/L	<1	1	9621278	<1	1	9621278			
Turbidity	NTU	<0.1	0.1	9621863	<0.1	0.1	9621863			
Alkalinity (Total as CaCO ₃)	mg/L	55	1.0	9621875	<1.0	1.0	9621875			
Dissolved Chloride (Cl ⁻)	mg/L	3.2	1.0	9620495	<1.0	1.0	9620495			
Nitrite (N)	mg/L	<0.010	0.010	9620463	<0.010	0.010	9620463			
Nitrate (N)	mg/L	<0.10	0.10	9620463	<0.10	0.10	9620463			
Dissolved Sulphate (SO ₄)	mg/L	27	0.50	9641867	<0.50	0.50	9641865			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9620463	<0.10	0.10	9620463			
Un-ionized Ammonia (as N)	mg/L	0.0087	0.0058	9618506						
Metals										
Dissolved Aluminum (Al)	ug/L	3.11	0.50	9664327	<0.50	0.50	9664327			
Total Aluminum (Al)	ug/L	4.69	0.50	9664325	<0.50	0.50	9664325	<0.50	0.50	9664325
Dissolved Antimony (Sb)	ug/L	0.263	0.020	9664327	<0.020	0.020	9664327			
Total Antimony (Sb)	ug/L	0.275	0.020	9664325	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Arsenic (As)	ug/L	43.2	0.020	9664327	<0.020	0.020	9664327			
Total Arsenic (As)	ug/L	45.1	0.020	9664325	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Barium (Ba)	ug/L	5.76	0.020	9664327	<0.020	0.020	9664327			
Total Barium (Ba)	ug/L	4.35	0.020	9664325	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9664327	<0.010	0.010	9664327			
Total Beryllium (Be)	ug/L	<0.010	0.010	9664325	<0.010	0.010	9664325	<0.010	0.010	9664325
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9664327	<0.0050	0.0050	9664327			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Boron (B)	ug/L	32	10	9664327	<10	10	9664327			
Total Boron (B)	ug/L	31	10	9664325	<10	10	9664325	<10	10	9664325
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9664327	<0.0050	0.0050	9664327			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	9664327	<0.10	0.10	9664327			
Total Chromium (Cr)	ug/L	<0.10	0.10	9664325	<0.10	0.10	9664325	<0.10	0.10	9664325
Dissolved Copper (Cu)	ug/L	0.099	0.050	9664327	<0.050	0.050	9664327			
Total Copper (Cu)	ug/L	0.257	0.050	9664325	<0.050	0.050	9664325	<0.050	0.050	9664325
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR38			ABYR39			ABYR39		
Sampling Date		2024/08/31 14:00			2024/08/29			2024/08/29		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch	TB-02	RDL	QC Batch	TB-02 Lab-Dup	RDL	QC Batch
Dissolved Iron (Fe)	ug/L	31.2	1.0	9664327	<1.0	1.0	9664327			
Total Iron (Fe)	ug/L	41.9	1.0	9664325	<1.0	1.0	9664325	<1.0	1.0	9664325
Dissolved Lead (Pb)	ug/L	0.0299	0.0050	9664327	<0.0050	0.0050	9664327			
Total Lead (Pb)	ug/L	0.0454	0.0050	9664325	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Lithium (Li)	ug/L	1.82	0.50	9664327	<0.50	0.50	9664327			
Total Lithium (Li)	ug/L	1.82	0.50	9664325	<0.50	0.50	9664325	<0.50	0.50	9664325
Dissolved Manganese (Mn)	ug/L	62.7	0.050	9664327	<0.050	0.050	9664327			
Total Manganese (Mn)	ug/L	67.6	0.050	9664325	<0.050	0.050	9664325	<0.050	0.050	9664325
Dissolved Molybdenum (Mo)	ug/L	4.57	0.050	9664327	<0.050	0.050	9664327			
Total Molybdenum (Mo)	ug/L	4.65	0.050	9664325	<0.050	0.050	9664325	<0.050	0.050	9664325
Dissolved Nickel (Ni)	ug/L	0.989	0.020	9664327	<0.020	0.020	9664327			
Total Nickel (Ni)	ug/L	1.83	0.020	9664325	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9664327	<0.040	0.040	9664327			
Total Selenium (Se)	ug/L	<0.040	0.040	9664325	<0.040	0.040	9664325	<0.040	0.040	9664325
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9664327	<0.0050	0.0050	9664327			
Total Silver (Ag)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Strontium (Sr)	ug/L	115	0.050	9664327	<0.050	0.050	9664327			
Total Strontium (Sr)	ug/L	121	0.050	9664325	<0.050	0.050	9664325	<0.050	0.050	9664325
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9664327	<0.0020	0.0020	9664327			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9664325	<0.0020	0.0020	9664325	<0.0020	0.0020	9664325
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9664327	<0.20	0.20	9664327			
Total Tin (Sn)	ug/L	<0.20	0.20	9664325	<0.20	0.20	9664325	<0.20	0.20	9664325
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9664327	<0.50	0.50	9664327			
Total Titanium (Ti)	ug/L	<0.50	0.50	9664325	<0.50	0.50	9664325	<0.50	0.50	9664325
Dissolved Uranium (U)	ug/L	5.93	0.0020	9664327	<0.0020	0.0020	9664327			
Total Uranium (U)	ug/L	6.20	0.0020	9664325	<0.0020	0.0020	9664325	<0.0020	0.0020	9664325
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9664327	<0.20	0.20	9664327			
Total Vanadium (V)	ug/L	<0.20	0.20	9664325	<0.20	0.20	9664325	<0.20	0.20	9664325
Dissolved Zinc (Zn)	ug/L	0.48	0.10	9664327	<0.10	0.10	9664327			
Total Zinc (Zn)	ug/L	0.43	0.10	9664325	0.16	0.10	9664325	0.16	0.10	9664325
Dissolved Calcium (Ca)	mg/L	18.0	0.050	9664326	<0.050	0.050	9664326			
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR38			ABYR39			ABYR39		
Sampling Date		2024/08/31 14:00			2024/08/29			2024/08/29		
COC Number		956604			956604			956604		
	UNITS	MW-IPD-01(s)B	RDL	QC Batch	TB-02	RDL	QC Batch	TB-02 Lab-Dup	RDL	QC Batch
Total Calcium (Ca)	mg/L	17.7	0.050	9634349	<0.050	0.050	9634349			
Dissolved Magnesium (Mg)	mg/L	6.98	0.050	9664326	<0.050	0.050	9664326			
Total Magnesium (Mg)	mg/L	7.39	0.050	9634349	<0.050	0.050	9634349			
Dissolved Potassium (K)	mg/L	1.98	0.050	9664326	<0.050	0.050	9664326			
Total Potassium (K)	mg/L	2.15	0.050	9634349	<0.050	0.050	9634349			
Dissolved Sodium (Na)	mg/L	3.78	0.050	9664326	<0.050	0.050	9664326			
Total Sodium (Na)	mg/L	4.07	0.050	9634349	<0.050	0.050	9634349			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR40			ABYR40		
Sampling Date		2024/08/29			2024/08/29		
COC Number		956604			956604		
	UNITS	FB-02	RDL	QC Batch	FB-02 Lab-Dup	RDL	QC Batch

Calculated Parameters							
Total Ammonia (as NH ₃)	mg/L	<0.061	0.061	9620323			
Bicarb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9618508			
Calculated TDS	mg/L	<1.0	1.0	9618503			
Carb. Alkalinity (calc. as CaCO ₃)	mg/L	<1.0	1.0	9618508			
Sodium Adsorption Ratio	N/A	NC (1)		9618505			

CONVENTIONALS

Redox Potential	mV	330	N/A	9623236			
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Inorganics

Total Ammonia-N	mg/L	<0.050	0.050	9621692			
Conductivity	umho/cm	1.2	1.0	9621883			
Free Cyanide (CN)	ug/L	<2.0 (2)	2.0	9644075			
Strong Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9657196			
Weak Acid Dissoc. Cyanide (CN)	mg/L	<0.00050	0.00050	9657197			
Total Dissolved Solids	mg/L	<10	10	9621500			
Fluoride (F-)	mg/L	<0.10	0.10	9621887			
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	9621824			
Dissolved Organic Carbon	mg/L	<0.40	0.40	9621657			
Total Organic Carbon (TOC)	mg/L	<0.40	0.40	9621744			
Orthophosphate (P)	mg/L	<0.010	0.010	9620501			
pH	pH	6.00		9621889			
Total Phosphorus (P)	mg/L	<0.0010	0.0010	9647077			
Reactive Silica (SiO ₂)	mg/L	<0.050	0.050	9641862	<0.050	0.050	9641862
Total Suspended Solids	mg/L	<1	1	9621278			
Turbidity	NTU	<0.1	0.1	9621863			

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 #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR40			ABYR40		
Sampling Date		2024/08/29			2024/08/29		
COC Number		956604			956604		
	UNITS	FB-02	RDL	QC Batch	FB-02 Lab-Dup	RDL	QC Batch
Alkalinity (Total as CaCO ₃)	mg/L	<1.0	1.0	9621875			
Dissolved Chloride (Cl ⁻)	mg/L	<1.0	1.0	9620495			
Nitrite (N)	mg/L	<0.010	0.010	9620463			
Nitrate (N)	mg/L	<0.10	0.10	9620463			
Dissolved Sulphate (SO ₄)	mg/L	<0.50	0.50	9641865			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	9620463			
Metals							
Dissolved Aluminum (Al)	ug/L	0.78	0.50	9664327			
Total Aluminum (Al)	ug/L	0.54	0.50	9664325	<0.50	0.50	9664325
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	9664327			
Total Antimony (Sb)	ug/L	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Arsenic (As)	ug/L	<0.020	0.020	9664327			
Total Arsenic (As)	ug/L	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Barium (Ba)	ug/L	0.064	0.020	9664327			
Total Barium (Ba)	ug/L	0.032	0.020	9664325	0.037	0.020	9664325
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	9664327			
Total Beryllium (Be)	ug/L	<0.010	0.010	9664325	<0.010	0.010	9664325
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	9664327			
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Boron (B)	ug/L	<10	10	9664327			
Total Boron (B)	ug/L	<10	10	9664325	<10	10	9664325
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	9664327			
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	9664327			
Total Chromium (Cr)	ug/L	<0.10	0.10	9664325	<0.10	0.10	9664325
Dissolved Copper (Cu)	ug/L	<0.050	0.050	9664327			
Total Copper (Cu)	ug/L	<0.050	0.050	9664325	<0.050	0.050	9664325
Dissolved Iron (Fe)	ug/L	<1.0	1.0	9664327			
Total Iron (Fe)	ug/L	<1.0	1.0	9664325	<1.0	1.0	9664325
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	9664327			
Total Lead (Pb)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							
Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR40			ABYR40		
Sampling Date		2024/08/29			2024/08/29		
COC Number		956604			956604		
	UNITS	FB-02	RDL	QC Batch	FB-02 Lab-Dup	RDL	QC Batch
Dissolved Lithium (Li)	ug/L	<0.50	0.50	9664327			
Total Lithium (Li)	ug/L	<0.50	0.50	9664325	<0.50	0.50	9664325
Dissolved Manganese (Mn)	ug/L	<0.050	0.050	9664327			
Total Manganese (Mn)	ug/L	<0.050	0.050	9664325	<0.050	0.050	9664325
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.050	9664327			
Total Molybdenum (Mo)	ug/L	<0.050	0.050	9664325	<0.050	0.050	9664325
Dissolved Nickel (Ni)	ug/L	0.022	0.020	9664327			
Total Nickel (Ni)	ug/L	<0.020	0.020	9664325	<0.020	0.020	9664325
Dissolved Selenium (Se)	ug/L	<0.040	0.040	9664327			
Total Selenium (Se)	ug/L	<0.040	0.040	9664325	<0.040	0.040	9664325
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	9664327			
Total Silver (Ag)	ug/L	<0.0050	0.0050	9664325	<0.0050	0.0050	9664325
Dissolved Strontium (Sr)	ug/L	<0.050	0.050	9664327			
Total Strontium (Sr)	ug/L	<0.050	0.050	9664325	<0.050	0.050	9664325
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	9664327			
Total Thallium (Tl)	ug/L	<0.0020	0.0020	9664325	<0.0020	0.0020	9664325
Dissolved Tin (Sn)	ug/L	<0.20	0.20	9664327			
Total Tin (Sn)	ug/L	<0.20	0.20	9664325	<0.20	0.20	9664325
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	9664327			
Total Titanium (Ti)	ug/L	<0.50	0.50	9664325	<0.50	0.50	9664325
Dissolved Uranium (U)	ug/L	<0.0020	0.0020	9664327			
Total Uranium (U)	ug/L	<0.0020	0.0020	9664325	<0.0020	0.0020	9664325
Dissolved Vanadium (V)	ug/L	<0.20	0.20	9664327			
Total Vanadium (V)	ug/L	<0.20	0.20	9664325	<0.20	0.20	9664325
Dissolved Zinc (Zn)	ug/L	0.33	0.10	9664327			
Total Zinc (Zn)	ug/L	0.12	0.10	9664325	0.14	0.10	9664325
Dissolved Calcium (Ca)	mg/L	0.058	0.050	9664326			
Total Calcium (Ca)	mg/L	<0.050	0.050	9634349			
Dissolved Magnesium (Mg)	mg/L	<0.050	0.050	9664326			
Total Magnesium (Mg)	mg/L	<0.050	0.050	9634349			
Dissolved Potassium (K)	mg/L	<0.050	0.050	9664326			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		ABYR40			ABYR40		
Sampling Date		2024/08/29			2024/08/29		
COC Number		956604			956604		
	UNITS	FB-02	RDL	QC Batch	FB-02 Lab-Dup	RDL	QC Batch
Total Potassium (K)	mg/L	<0.050	0.050	9634349			
Dissolved Sodium (Na)	mg/L	<0.050	0.050	9664326			
Total Sodium (Na)	mg/L	<0.050	0.050	9634349			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		ABYR33	ABYR34		ABYR35	ABYR36	ABYR37		
Sampling Date		2024/08/29 12:00	2024/08/29 12:00		2024/08/30 14:30	2024/08/30 14:30	2024/08/31 14:00		
COC Number		956604	956604		956604	956604	956604		
	UNITS	MW-IPD-07A	MW-IPD-07B	QC Batch	MW-IPD-01(d)A	MW-IPD-01(d)B	MW-IPD-01(s)A	RDL	QC Batch

ANIONS

Bromide (Br-)	mg/L	0.111	0.111	9643029	0.548	0.562	0.049	0.010	9664328
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Calculated Parameters

Total Hardness (CaCO ₃)	mg/L	80.3	80.6	9629257	109	110	73.5	0.50	9629257
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Metals

Dissolved Calcium (Ca)	mg/L	19	21	9622316	25	25	21	0.05	9622316
Dissolved Magnesium (Mg)	mg/L	10	11	9622316	15	15	8.2	0.05	9622316
Mercury (Hg)	mg/L	<0.00001	<0.00001	9621256	<0.00001	<0.00001	<0.00001	0.00001	9621256
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	9621277	<0.00001	<0.00001	<0.00001	0.00001	9621277
Dissolved Potassium (K)	mg/L	2	3	9622316	1	1	2	1	9622316
Dissolved Sodium (Na)	mg/L	27	29	9622316	24	24	4.5	0.5	9622316

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Bureau Veritas ID		ABYR38	ABYR39		ABYR40			ABYR40		
Sampling Date		2024/08/31 14:00	2024/08/29		2024/08/29			2024/08/29		
COC Number		956604	956604		956604			956604		
	UNITS	MW-IPD-01(s)B	TB-02	QC Batch	FB-02	RDL	QC Batch	FB-02 Lab-Dup	RDL	QC Batch

ANIONS

Bromide (Br-)	mg/L	0.050	<0.010	9664328	<0.010	0.010	9664328			
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Calculated Parameters

Total Hardness (CaCO ₃)	mg/L	74.6	<0.50	9629257	<0.50	0.50	9629257			
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Metals

Dissolved Calcium (Ca)	mg/L	20	<0.05	9622316	<0.05	0.05	9622316			
Dissolved Magnesium (Mg)	mg/L	7.6	<0.05	9622316	<0.05	0.05	9622316			
Mercury (Hg)	mg/L	<0.00001	<0.00001	9621256	<0.00001	0.00001	9621609	<0.00001	0.00001	9621609
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	9621277	<0.00001	0.00001	9621611	<0.00001	0.00001	9621611
Dissolved Potassium (K)	mg/L	2	<1	9622316	<1	1	9622316			
Dissolved Sodium (Na)	mg/L	4.2	<0.5	9622316	<0.5	0.5	9622316			

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR33
Sample ID: MW-IPD-07A
Matrix: Water

Collected: 2024/08/29
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9619730	N/A	2024/09/06	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	9641867	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657192	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657193	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9643029	N/A	2024/09/16	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664316	N/A	2024/09/24	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9641862	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9657194	2024/09/10	2024/09/10	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9620324	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9620327	2024/09/05	2024/09/06	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9616754	2024/09/05	2024/09/06	Razieh Tabesh
Turbidity	AT	9621863	N/A	2024/09/06	Gurpartee KAUUR
Un-ionized Ammonia (as N)	CALC	9618506	2024/09/09	2024/09/09	Automated Statchk



Bureau Veritas Job #: C4R6798
Report Date: 2025/01/07

Agnico Eagle
Client Project #: MBK GW
Your P.O. #: 1368140
Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR33 Dup
Sample ID: MW-IPD-07A
Matrix: Water

Collected: 2024/08/29
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An

Bureau Veritas ID: ABYR34
Sample ID: MW-IPD-07B
Matrix: Water

Collected: 2024/08/29
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9619730	N/A	2024/09/06	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipplai
Low Level Chloride and Sulphate by AC	KONE	9641867	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657192	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657193	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO3)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9643029	N/A	2024/09/16	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664316	N/A	2024/09/24	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9632897	2024/09/11	2024/09/11	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Ammonium as NH4+	CALC/NH3	9620324	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH4	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9620327	2024/09/05	2024/09/06	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9616754	2024/09/05	2024/09/06	Razieh Tabesh
Turbidity	AT	9621863	N/A	2024/09/06	Gurpartee Kaur



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR34
Sample ID: MW-IPD-07B
Matrix: Water

Collected: 2024/08/29
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Un-ionized Ammonia (as N)	CALC	9618506	2024/09/09	2024/09/09	Automated Statchk

Bureau Veritas ID: ABYR34 Dup
Sample ID: MW-IPD-07B
Matrix: Water

Collected: 2024/08/29
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi

Bureau Veritas ID: ABYR35
Sample ID: MW-IPD-01(d)A
Matrix: Water

Collected: 2024/08/30
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9619730	N/A	2024/09/06	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	9641867	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657192	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657193	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO3)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9664328	N/A	2024/09/17	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664316	N/A	2024/09/24	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9632897	2024/09/11	2024/09/11	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Ammonium as NH4+	CALC/NH3	9620324	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH4	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR35
Sample ID: MW-IPD-01(d)A
Matrix: Water

Collected: 2024/08/30
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9621500	2024/09/06	2024/09/09	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9621278	2024/09/06	2024/09/06	Tina Teng
Turbidity	AT	9621863	N/A	2024/09/06	Gurpartee Kaur
Un-ionized Ammonia (as N)	CALC	9618506	2024/09/09	2024/09/09	Automated Statchk

Bureau Veritas ID: ABYR36
Sample ID: MW-IPD-01(d)B
Matrix: Water

Collected: 2024/08/30
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9619730	N/A	2024/09/06	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	9641867	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657192	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657193	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9664328	N/A	2024/09/17	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664327	N/A	2024/09/10	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9632897	2024/09/11	2024/09/11	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9620324	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR36
Sample ID: MW-IPD-01(d)B
Matrix: Water

Collected: 2024/08/30
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9621500	2024/09/06	2024/09/09	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9621278	2024/09/06	2024/09/06	Tina Teng
Turbidity	AT	9621863	N/A	2024/09/06	Gurpartee KAU
Un-ionized Ammonia (as N)	CALC	9618506	2024/09/09	2024/09/09	Automated Statchk

Bureau Veritas ID: ABYR36 Dup
Sample ID: MW-IPD-01(d)B
Matrix: Water

Collected: 2024/08/30
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Turbidity	AT	9621863	N/A	2024/09/06	Gurpartee KAU

Bureau Veritas ID: ABYR37
Sample ID: MW-IPD-01(s)A
Matrix: Water

Collected: 2024/08/31
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9619730	N/A	2024/09/06	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	9641867	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657192	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657193	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9664328	N/A	2024/09/17	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664316	N/A	2024/09/24	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR37
Sample ID: MW-IPD-01(s)A
Matrix: Water

Collected: 2024/08/31
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9657195	2024/09/09	2024/09/10	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9620324	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9621500	2024/09/06	2024/09/09	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9621278	2024/09/06	2024/09/06	Tina Teng
Turbidity	AT	9621863	N/A	2024/09/06	Gurparteek KAUR
Un-ionized Ammonia (as N)	CALC	9618506	2024/09/09	2024/09/09	Automated Statchk

Bureau Veritas ID: ABYR37 Dup
Sample ID: MW-IPD-01(s)A
Matrix: Water

Collected: 2024/08/31
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Dissolved Solids	BAL	9621500	2024/09/06	2024/09/09	Razieh Tabesh
Low Level Total Suspended Solids	BAL	9621278	2024/09/06	2024/09/06	Tina Teng

Bureau Veritas ID: ABYR38
Sample ID: MW-IPD-01(s)B
Matrix: Water

Collected: 2024/08/31
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9619730	N/A	2024/09/06	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	9641867	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR38
Sample ID: MW-IPD-01(s)B
Matrix: Water

Collected: 2024/08/31
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657192	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657193	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9664328	N/A	2024/09/17	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664327	N/A	2024/09/10	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9638228	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9657195	2024/09/09	2024/09/10	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Ammonium as NH ₄ ⁺	CALC/NH ₃	9620324	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9621500	2024/09/06	2024/09/09	Razieh Tabesh
Field Measured pH	PH	ONSITE	N/A	2024/09/05	Jimmy Liu
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9621278	2024/09/06	2024/09/06	Tina Teng
Turbidity	AT	9621863	N/A	2024/09/06	Gurpartee Kaur
Un-ionized Ammonia (as N)	CALC	9618506	2024/09/09	2024/09/09	Automated Statchk

Bureau Veritas ID: ABYR39
Sample ID: TB-02
Matrix: Water

Collected: 2024/08/29
Shipped:
Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9621657	N/A	2024/09/07	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621277	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621256	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	9641865	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR39

Sample ID: TB-02

Matrix: Water

Collected: 2024/08/29

Shipped:

Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Cyanide (Free)	SPEC	9631099	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657196	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657197	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO ₃)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9664328	N/A	2024/09/17	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664327	N/A	2024/09/10	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9641862	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9647077	2024/09/12	2024/09/12	Mary Anne Dela Cruz
Total Ammonia (as NH ₃)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH ₄	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9621500	2024/09/06	2024/09/09	Razieh Tabesh
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9621278	2024/09/06	2024/09/06	Tina Teng
Turbidity	AT	9621863	N/A	2024/09/06	Gurpartee KAU

Bureau Veritas ID: ABYR39 Dup

Sample ID: TB-02

Matrix: Water

Collected: 2024/08/29

Shipped:

Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An

Bureau Veritas ID: ABYR40

Sample ID: FB-02

Matrix: Water

Collected: 2024/08/29

Shipped:

Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	9621875	N/A	2024/09/06	Kien Tran
Carbonate, Bicarbonate and Hydroxide	CALC	9618508	N/A	2024/09/07	Automated Statchk
Chloride by Automated Colourimetry	SKAL	9620495	N/A	2024/09/06	Massarat Jan
Conductivity	AT	9621883	N/A	2024/09/06	Kien Tran
Dissolved Organic Carbon (DOC)	TOCV/NDIR	9621657	N/A	2024/09/07	Arshdeep Jagayat
Fluoride	ISE	9621887	2024/09/06	2024/09/06	Kien Tran
Dissolved Mercury (low level)	CV/AA	9621611	2024/09/06	2024/09/06	Aswathy Neduveli Suresh



**BUREAU
VERITAS**

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

TEST SUMMARY

Bureau Veritas ID: ABYR40

Sample ID: FB-02

Matrix: Water

Collected: 2024/08/29

Shipped:

Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Mercury (low level)	CV/AA	9621609	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Lab Filtered Metals Analysis by ICP	ICP	9622316	2024/09/06	2024/09/09	Suban Kanapathipillai
Low Level Chloride and Sulphate by AC	KONE	9641865	N/A	2024/09/11	Hirushi Kanewala-Appuhamilage
Cyanide (Free)	SPEC	9644075	N/A	2024/09/10	Amy Phan
Cyanide, Strong Acid Dissociable (SAD)	TECH/UVVS	9657196	2024/09/13	2024/09/13	Ye Hyun KIM
Cyanide WAD (weak acid dissociable)	TECH	9657197	N/A	2024/09/13	Ye Hyun KIM
Hardness Total (calculated as CaCO3)	CALC	9629257	N/A	2024/09/10	Automated Statchk
Bromide as Bromine (Br) by ICPMS	ICP/MS	9664328	N/A	2024/09/17	Sahar Omar Al-Abdalla-Inactive
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	9664326	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	9664327	N/A	2024/09/10	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	9634349	N/A	2024/09/10	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9641862	N/A	2024/09/12	Tyler Orr
Total Phosphorus Low Level Total	KONE	9647077	2024/09/12	2024/09/12	Mary Anne Dela Cruz
Total Ammonia (as NH3)	CALC	9620323	N/A	2024/09/09	Automated Statchk
Total Ammonia-N	SKAL/NH4	9621692	N/A	2024/09/09	Yogesh Patel
Nitrate & Nitrite as Nitrogen in Water	LACH	9620463	N/A	2024/09/07	Jinal Chavda
pH	AT	9621889	2024/09/06	2024/09/06	Kien Tran
Orthophosphate	SKAL	9620501	N/A	2024/09/06	Massarat Jan
Redox Potential	COND	9623236	2024/09/06	2024/09/07	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9618505	N/A	2024/09/10	Automated Statchk
Total Dissolved Solids (TDS calc)	CALC	9618503	N/A	2024/09/27	Automated Statchk
Total Dissolved Solids	BAL	9621500	2024/09/06	2024/09/09	Razieh Tabesh
Total Kjeldahl Nitrogen in Water	SKAL	9621824	2024/09/06	2024/09/09	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	9621744	N/A	2024/09/07	Arshdeep Jagayat
Low Level Total Suspended Solids	BAL	9621278	2024/09/06	2024/09/06	Tina Teng
Turbidity	AT	9621863	N/A	2024/09/06	Gurparteek KAUR

Bureau Veritas ID: ABYR40 Dup

Sample ID: FB-02

Matrix: Water

Collected: 2024/08/29

Shipped:

Received: 2024/09/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Mercury (low level)	CV/AA	9621611	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Mercury (low level)	CV/AA	9621609	2024/09/06	2024/09/06	Aswathy Neduveli Suresh
Elements by ICPMS Low Level (total)	ICP/MS	9664325	N/A	2024/09/10	Andrew An
Silica (Reactive)	KONE	9641862	N/A	2024/09/12	Tyler Orr



GENERAL COMMENTS

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

Package 1	13.7°C
Package 2	12.0°C
Package 3	12.0°C

Revised Report [2025/01/07]: Sample date amended for TB-02 and FB-02 per client request.

Sample ABYR33 [MW-IPD-07A] : 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 ABYR34 [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 ABYR37 [MW-IPD-01(s)A] : Total Phosphorus < ortho-Phosphate: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample ABYR38 [MW-IPD-01(s)B] : TOC < DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. Total Phosphorus < ortho-Phosphate: Both values fall within the method uncertainty for duplicates and are likely equivalent.

Sample ABYR39 [TB-02] : SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected.

Sample ABYR40 [FB-02] : SAR Analysis: NC = Not Calculable as Calcium and Magnesium were not detected.

Sample ABYR33, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample ABYR34, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample ABYR35, Elements by ICPMS Low Level (dissolved): Test repeated.

Sample ABYR37, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

QUALITY ASSURANCE REPORT

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

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
9616754	Total Suspended Solids	2024/09/06			95	80 - 120	<1	mg/L	NC	20		
9619730	Dissolved Organic Carbon	2024/09/06	97	80 - 120	99	80 - 120	<0.40	mg/L	2.8	20		
9620327	Total Dissolved Solids	2024/09/06			102	80 - 120	<10	mg/L	1.3	20		
9620463	Nitrate (N)	2024/09/07	102	80 - 120	97	80 - 120	<0.10	mg/L	2.6	20		
9620463	Nitrite (N)	2024/09/07	60 (1)	80 - 120	102	80 - 120	<0.010	mg/L	NC	20		
9620495	Dissolved Chloride (Cl-)	2024/09/06	97	80 - 120	100	80 - 120	<1.0	mg/L	0.13	20		
9620501	Orthophosphate (P)	2024/09/06	102	75 - 125	95	80 - 120	<0.010	mg/L	4.7	20		
9621256	Mercury (Hg)	2024/09/06	99	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
9621277	Dissolved Mercury (Hg)	2024/09/06	100	75 - 125	98	80 - 120	<0.00001	mg/L	NC	20		
9621278	Total Suspended Solids	2024/09/06			95	80 - 120	<1	mg/L	NC	20		
9621500	Total Dissolved Solids	2024/09/09			102	80 - 120	<10	mg/L	4.9	20		
9621609	Mercury (Hg)	2024/09/06	98	75 - 125	100	80 - 120	<0.00001	mg/L	NC	20		
9621611	Dissolved Mercury (Hg)	2024/09/06	98	75 - 125	99	80 - 120	<0.00001	mg/L	NC	20		
9621657	Dissolved Organic Carbon	2024/09/07	96	80 - 120	98	80 - 120	<0.40	mg/L	1.3	20		
9621692	Total Ammonia-N	2024/09/09	94	75 - 125	96	80 - 120	<0.050	mg/L	6.3	20		
9621744	Total Organic Carbon (TOC)	2024/09/07	96	80 - 120	97	80 - 120	<0.40	mg/L	1.5	20		
9621824	Total Kjeldahl Nitrogen (TKN)	2024/09/09	104	80 - 120	103	80 - 120	<0.10	mg/L	16	20	103	80 - 120
9621863	Turbidity	2024/09/06			102	80 - 120	<0.1	NTU	3.4	20		
9621875	Alkalinity (Total as CaCO3)	2024/09/06			93	85 - 115	<1.0	mg/L	2.2	20		
9621883	Conductivity	2024/09/06			101	85 - 115	<1.0	umho/cm	1.1	10		
9621887	Fluoride (F-)	2024/09/06	96	80 - 120	95	80 - 120	<0.10	mg/L	0.48	20		
9621889	pH	2024/09/06			101	98 - 103			0.25	N/A		
9622316	Dissolved Calcium (Ca)	2024/09/09	NC	80 - 120	99	80 - 120	<0.05	mg/L	1.4	20		
9622316	Dissolved Magnesium (Mg)	2024/09/09	88	80 - 120	98	80 - 120	<0.05	mg/L	1.3	20		
9622316	Dissolved Potassium (K)	2024/09/09	93	80 - 120	99	80 - 120	<1	mg/L	1.2	20		
9622316	Dissolved Sodium (Na)	2024/09/09	87	80 - 120	98	80 - 120	<0.5	mg/L	0.61	20		
9623236	Redox Potential	2024/09/07			98	80 - 120			2.6	20		
9631099	Free Cyanide (CN)	2024/09/10	100	80 - 120	94	80 - 120	<2.0	ug/L				
9632897	Total Phosphorus (P)	2024/09/11	96	80 - 120	98	80 - 120	<0.0010	mg/L			93	80 - 120

BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

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
9638228	Reactive Silica (SiO ₂)	2024/09/12	105	80 - 120	105	80 - 120	<0.050	mg/L	NC	20		
9641862	Reactive Silica (SiO ₂)	2024/09/12	107	80 - 120	103	80 - 120	<0.050	mg/L	NC	20		
9641865	Dissolved Sulphate (SO ₄)	2024/09/11	89	80 - 120	102	80 - 120	<0.50	mg/L	0.88	20		
9641867	Dissolved Sulphate (SO ₄)	2024/09/11	101	80 - 120	96	80 - 120	<0.50	mg/L	NC	20		
9643029	Bromide (Br ⁻)	2024/09/16	NC	78 - 120	98	80 - 120	<0.010	mg/L				
9644075	Free Cyanide (CN)	2024/09/10	95	80 - 120	95	80 - 120	<2.0	ug/L				
9647077	Total Phosphorus (P)	2024/09/12	98	80 - 120	97	80 - 120	<0.0010	mg/L			89	80 - 120
9657192	Strong Acid Dissoc. Cyanide (CN)	2024/09/13	97	80 - 120	96	80 - 120	<0.00050	mg/L				
9657193	Weak Acid Dissoc. Cyanide (CN)	2024/09/13	96	80 - 120	100	80 - 120	<0.00050	mg/L				
9657194	Total Phosphorus (P)	2024/09/10	97	80 - 120	101	80 - 120	<0.0010	mg/L			88	80 - 120
9657195	Total Phosphorus (P)	2024/09/10	100	80 - 120	99	80 - 120	<0.0010	mg/L			86	80 - 120
9657196	Strong Acid Dissoc. Cyanide (CN)	2024/09/13	93	80 - 120	98	80 - 120	<0.00050	mg/L				
9657197	Weak Acid Dissoc. Cyanide (CN)	2024/09/13	91	80 - 120	94	80 - 120	<0.00050	mg/L				
9664316	Dissolved Aluminum (Al)	2024/09/24			104	80 - 120	<0.50	ug/L				
9664316	Dissolved Antimony (Sb)	2024/09/24			104	80 - 120	<0.020	ug/L				
9664316	Dissolved Chromium (Cr)	2024/09/24			98	80 - 120	<0.10	ug/L				
9664316	Dissolved Copper (Cu)	2024/09/24			97	80 - 120	<0.050	ug/L				
9664316	Dissolved Iron (Fe)	2024/09/24			103	80 - 120	<1.0	ug/L				
9664316	Dissolved Lead (Pb)	2024/09/24			99	80 - 120	<0.0050	ug/L				
9664316	Dissolved Nickel (Ni)	2024/09/24			100	80 - 120	<0.020	ug/L				
9664316	Dissolved Selenium (Se)	2024/09/24			102	80 - 120	<0.040	ug/L				
9664316	Dissolved Tin (Sn)	2024/09/24			105	80 - 120	<0.20	ug/L				
9664316	Dissolved Zinc (Zn)	2024/09/24			111	80 - 120	<0.10	ug/L				
9664325	Total Aluminum (Al)	2024/09/10	99	80 - 120	101	80 - 120	<0.50	ug/L	7.6	20		
9664325	Total Antimony (Sb)	2024/09/10	103	80 - 120	103	80 - 120	<0.020	ug/L	NC	20		
9664325	Total Arsenic (As)	2024/09/10	102	80 - 120	103	80 - 120	<0.020	ug/L	NC	20		
9664325	Total Barium (Ba)	2024/09/10	96	80 - 120	99	80 - 120	<0.020	ug/L	16	20		
9664325	Total Beryllium (Be)	2024/09/10	96	80 - 120	97	80 - 120	<0.010	ug/L	NC	20		
9664325	Total Bismuth (Bi)	2024/09/10	94	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
9664325	Total Boron (B)	2024/09/10	97	80 - 120	99	80 - 120	<10	ug/L	NC	20		

BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

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
9664325	Total Cadmium (Cd)	2024/09/10	102	80 - 120	103	80 - 120	<0.0050	ug/L	NC	20		
9664325	Total Chromium (Cr)	2024/09/10	93	80 - 120	97	80 - 120	<0.10	ug/L	NC	20		
9664325	Total Copper (Cu)	2024/09/10	91	80 - 120	97	80 - 120	<0.050	ug/L	NC	20		
9664325	Total Iron (Fe)	2024/09/10	99	80 - 120	101	80 - 120	<1.0	ug/L	NC	20		
9664325	Total Lead (Pb)	2024/09/10	95	80 - 120	100	80 - 120	<0.0050	ug/L	NC	20		
9664325	Total Lithium (Li)	2024/09/10	92	80 - 120	95	80 - 120	<0.50	ug/L	NC	20		
9664325	Total Manganese (Mn)	2024/09/10	92	80 - 120	102	80 - 120	<0.050	ug/L	NC	20		
9664325	Total Molybdenum (Mo)	2024/09/10	NC	80 - 120	106	80 - 120	<0.050	ug/L	NC	20		
9664325	Total Nickel (Ni)	2024/09/10	95	80 - 120	101	80 - 120	<0.020	ug/L	NC	20		
9664325	Total Selenium (Se)	2024/09/10	87	80 - 120	103	80 - 120	<0.040	ug/L	NC	20		
9664325	Total Silver (Ag)	2024/09/10	99	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
9664325	Total Strontium (Sr)	2024/09/10	NC	80 - 120	95	80 - 120	<0.050	ug/L	NC	20		
9664325	Total Thallium (Tl)	2024/09/10	99	80 - 120	102	80 - 120	<0.0020	ug/L	NC	20		
9664325	Total Tin (Sn)	2024/09/10	102	80 - 120	104	80 - 120	<0.20	ug/L	NC	20		
9664325	Total Titanium (Ti)	2024/09/10	101	80 - 120	102	80 - 120	<0.50	ug/L	NC	20		
9664325	Total Uranium (U)	2024/09/10	102	80 - 120	103	80 - 120	<0.0020	ug/L	NC	20		
9664325	Total Vanadium (V)	2024/09/10	101	80 - 120	102	80 - 120	<0.20	ug/L	NC	20		
9664325	Total Zinc (Zn)	2024/09/10	100	80 - 120	106	80 - 120	<0.10	ug/L	15	20		
9664327	Dissolved Aluminum (Al)	2024/09/10	98	80 - 120	102	80 - 120	<0.50	ug/L				
9664327	Dissolved Antimony (Sb)	2024/09/10	102	80 - 120	103	80 - 120	<0.020	ug/L				
9664327	Dissolved Arsenic (As)	2024/09/10	104	80 - 120	103	80 - 120	<0.020	ug/L				
9664327	Dissolved Barium (Ba)	2024/09/10	97	80 - 120	100	80 - 120	<0.020	ug/L				
9664327	Dissolved Beryllium (Be)	2024/09/10	99	80 - 120	104	80 - 120	<0.010	ug/L				
9664327	Dissolved Bismuth (Bi)	2024/09/10	98	80 - 120	102	80 - 120	<0.0050	ug/L				
9664327	Dissolved Boron (B)	2024/09/10	104	80 - 120	105	80 - 120	<10	ug/L				
9664327	Dissolved Cadmium (Cd)	2024/09/10	100	80 - 120	102	80 - 120	<0.0050	ug/L				
9664327	Dissolved Chromium (Cr)	2024/09/10	92	80 - 120	96	80 - 120	<0.10	ug/L				
9664327	Dissolved Copper (Cu)	2024/09/10	88	80 - 120	95	80 - 120	<0.050	ug/L				
9664327	Dissolved Iron (Fe)	2024/09/10	100	80 - 120	104	80 - 120	<1.0	ug/L				
9664327	Dissolved Lead (Pb)	2024/09/10	95	80 - 120	99	80 - 120	<0.0050	ug/L				



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

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
9664327	Dissolved Lithium (Li)	2024/09/10	NC	80 - 120	96	80 - 120	<0.50	ug/L				
9664327	Dissolved Manganese (Mn)	2024/09/10	NC	80 - 120	100	80 - 120	<0.050	ug/L				
9664327	Dissolved Molybdenum (Mo)	2024/09/10	112	80 - 120	106	80 - 120	<0.050	ug/L				
9664327	Dissolved Nickel (Ni)	2024/09/10	93	80 - 120	99	80 - 120	<0.020	ug/L				
9664327	Dissolved Selenium (Se)	2024/09/10	101	80 - 120	102	80 - 120	<0.040	ug/L				
9664327	Dissolved Silver (Ag)	2024/09/10	98	80 - 120	101	80 - 120	<0.0050	ug/L				
9664327	Dissolved Strontium (Sr)	2024/09/10	NC	80 - 120	97	80 - 120	<0.050	ug/L				
9664327	Dissolved Thallium (Tl)	2024/09/10	102	80 - 120	101	80 - 120	<0.0020	ug/L				
9664327	Dissolved Tin (Sn)	2024/09/10	101	80 - 120	104	80 - 120	<0.20	ug/L				
9664327	Dissolved Titanium (Ti)	2024/09/10	100	80 - 120	102	80 - 120	<0.50	ug/L				
9664327	Dissolved Uranium (U)	2024/09/10	107	80 - 120	104	80 - 120	<0.0020	ug/L				
9664327	Dissolved Vanadium (V)	2024/09/10	100	80 - 120	101	80 - 120	<0.20	ug/L				
9664327	Dissolved Zinc (Zn)	2024/09/10	92	80 - 120	105	80 - 120	<0.10	ug/L				
9664328	Bromide (Br-)	2024/09/17	108	78 - 120	99	80 - 120	<0.0030	mg/L				

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

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

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).

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



BUREAU
VERITAS

Bureau Veritas Job #: C4R6798

Report Date: 2025/01/07

Agnico Eagle

Client Project #: MBK GW

Your P.O. #: 1368140

Sampler Initials: RW

VALIDATION SIGNATURE PAGE

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

David Huang, BBY Scientific Specialist

Louise Harding, 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 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.

APPENDIX C-VIII ANALYTICAL REPORT NO. CA12147-SEP24

Monitoring Location	WSP Sample ID
MW-IPD-07	MW-IPD-07A
MW-IPD-01(D)	MW-IPD-01(D)A
MW-IPD-01(S)	MW-IPD-01(S)A
Field Blank	SGS-FB-02
Trip Blank	SGS-TB-02



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.

Lakefield - Ontario - KOL 2H0

Phone: 705-652-2000 FAX: 705-652-6365

Agnico Eagle Mines Limited

Attn : Eric Haley

Meadowbank Division 20, Route 395

Cadillac, QC

J0Y 1C0, Canada

Phone: (819) 759-3555

Fax: (819) 759-3663

mbk

Project : PO#OL-1368125

16-September-2024

Date Rec. : 04 September 2024

LR Report: CA12147-SEP24

Reference: PO#OL-1368125

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MW-IPD-07A	6: MW-IPD-01(d)A	7: SGS-TB-02	8: SGS-FB-02	9: MW-IPD-01(s)A
Sample Date & Time					29-Aug-24 12:00	30-Aug-24 14:30	30-Aug-24	30-Aug-24	31-Aug-24 14:00
Temp Upon Receipt [°C]	---	---	---	---	19.0	19.0	19.0	19.0	19.0
CNWAD [mg/L]	12-Sep-24	10:10	13-Sep-24	15:56	0.10	< 0.004	< 0.004	< 0.004	< 0.004
CN(T) [ug/L]	12-Sep-24	10:10	13-Sep-24	15:56	< 2	< 2	< 2	< 2	< 2
CN(F) [ug/L]	12-Sep-24	10:10	13-Sep-24	15:56	< 2	< 2	< 2	< 2	< 2

Low Level Cyanide

*Alisha Kelly, B.Sc.,
Project Specialist,
Environment, Health & Safety*

APPENDIX C-IX ANALYTICAL REPORT NO. CA15006-SEP24

Monitoring Location	WSP Sample ID
MW-16-01	MW-16-01A

**SGS Canada Inc.**

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Agnico Eagle Mines Limited

Attn : Eric Haley

Meadowbank Division 20, Route 395
Cadillac, QC
J0Y 1C0, Canada

Phone: (819) 759-3555
Fax: (819) 759-3663

mbk
Works #: MW-16-01A
Project : PO#OL-1368125

13-January-2025

Date Rec. : 03 September 2024
LR Report: CA15006-SEP24
Reference: PO#OL-1368125

Copy: #2

CERTIFICATE OF ANALYSIS

Final Report - Reissue

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MW-16-01A
Sample Date & Time					27-Aug-24 13:35
Temp Upon Receipt [°C]	---	---	---	---	21.0
CNWAD [mg/L]	13-Sep-24	15:21	16-Sep-24	08:28	0.031
CN(T) [ug/L]	12-Sep-24	10:10	13-Sep-24	15:57	30
CN(F) [ug/L]	13-Sep-24	15:21	16-Sep-24	08:28	< 2

Reissued with corrected sampling date
Low Level Cyanide Analysis

Alisha Kelly, B.Sc.,
Project Specialist,
Environment, Health & Safety

APPENDIX C-IX ANALYTICAL REPORT NO. CA15007-SEP24

Monitoring Location	WSP Sample ID
MW-IPD-09	MW-IPD-09

**SGS Canada Inc.**

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Agnico Eagle Mines Limited

Attn : Eric Haley

Meadowbank Division 20, Route 395
Cadillac, QC
J0Y 1C0, Canada

Phone: (819) 759-3555
Fax: (819) 759-3663

mbk
Works #: MW-IPD-09
Project : PO#OL-1368125

16-September-2024

Date Rec. : 03 September 2024
LR Report: CA15007-SEP24
Reference: PO#OL-1368125

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

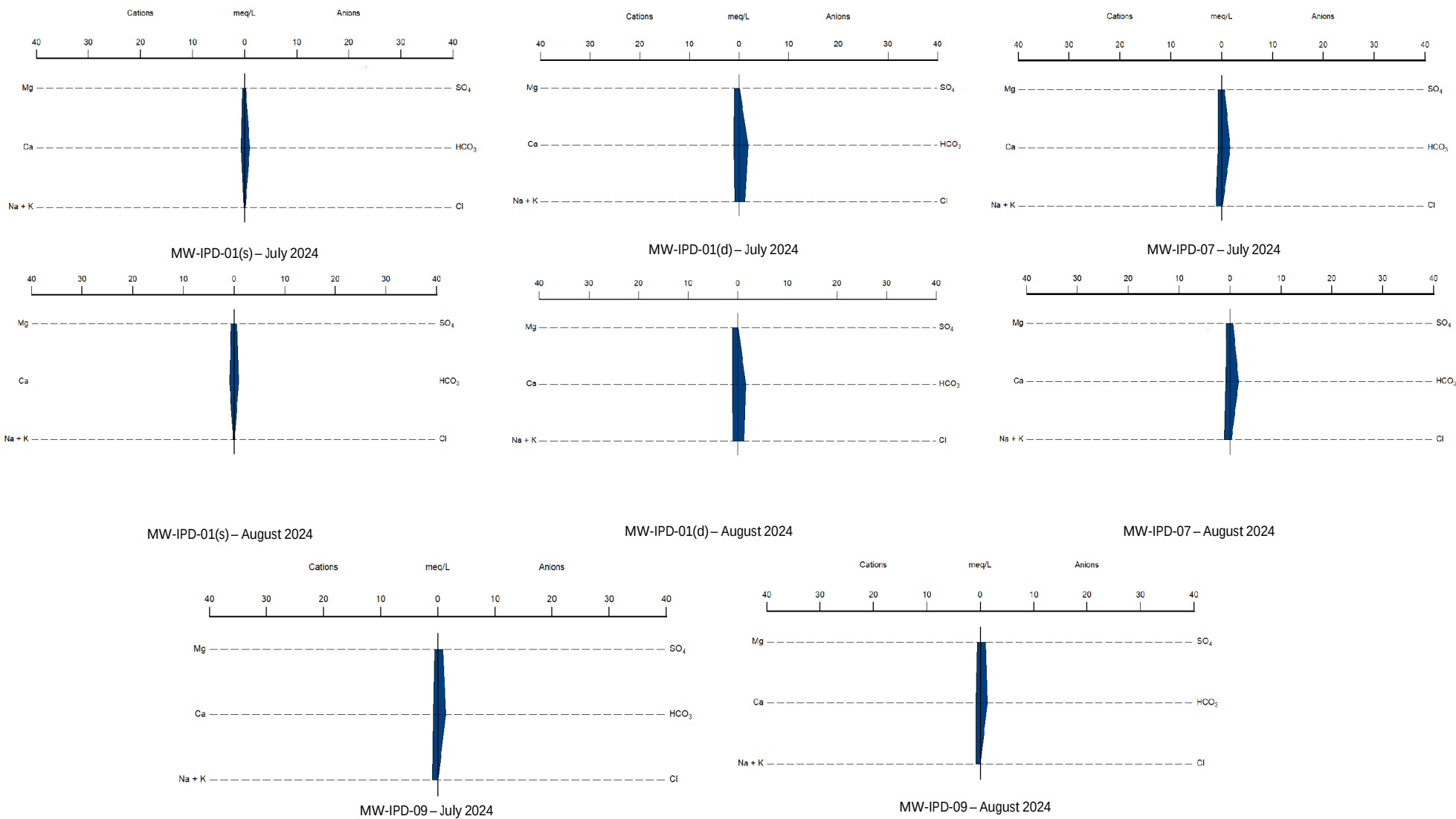
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Sample Date & Time					29-Aug-24 13:30
Temp Upon Receipt [°C]	---	---	---	---	21.0
CNWAD [mg/L]	12-Sep-24	10:10	16-Sep-24	08:29	< 0.004
CN(T) [ug/L]	12-Sep-24	10:10	13-Sep-24	15:58	< 2
CN(F) [ug/L]	12-Sep-24	10:10	16-Sep-24	08:29	< 2

Low level Cyanide Analysis

Alisha Kelly, B.Sc.,
Project Specialist,
Environment, Health & Safety

APPENDIX D

2024 Stiff Diagrams



- NOTES
1. Average (sample + duplicate) results plotted for samples collected by WSP between July 5 and 10, 2024 and August 27 to 31, 2024.
 2. Dissolved concentrations of major ions (Ca, Mg, K and Na) plotted.

CLIENT
AGNICO EAGLE MINES LIMITED



CONSULTANT

YYYY-MM-DD 2024-11-05

PREPARED GS

DESIGN --

REVIEW DH

APPROVED JL

PROJECT
2024 MEADOWBANK GROUNDWATER MONITORING PROGRAM
MEADOWBANK MINE
NUNAVUT

TITLE

2024 STIFF DIAGRAMS - NATURAL GROUNDWATER SIGNATURE

PROJECT No. CA0037376.3015

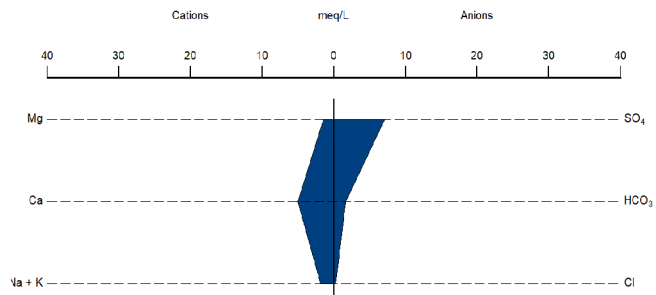
PHASE

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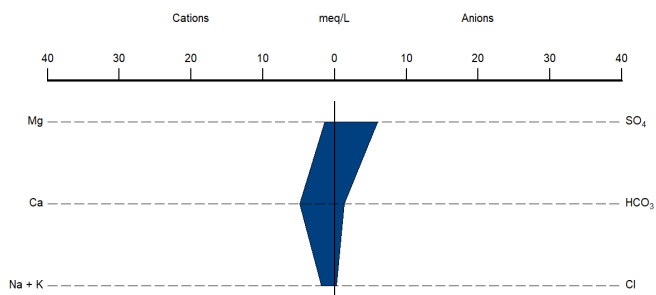
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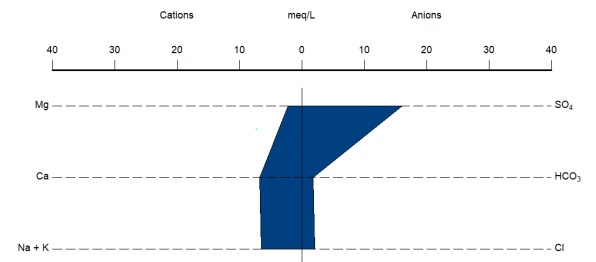
D-1



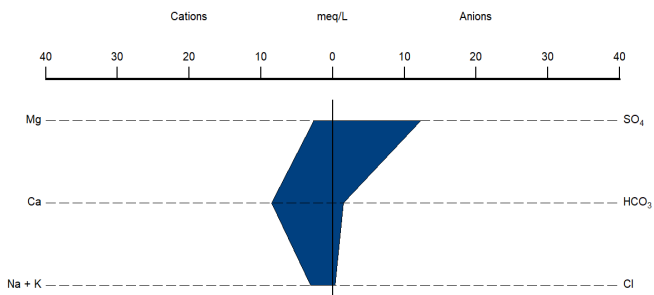
ST-21-N July 2024



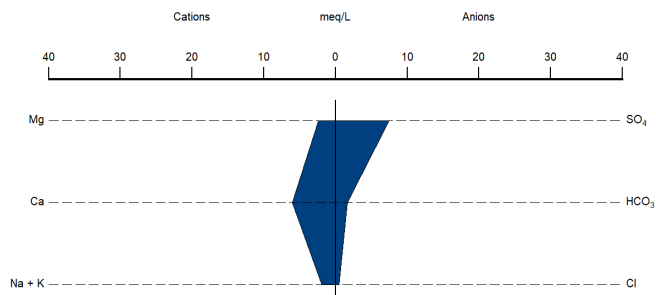
ST-21-S July 2024



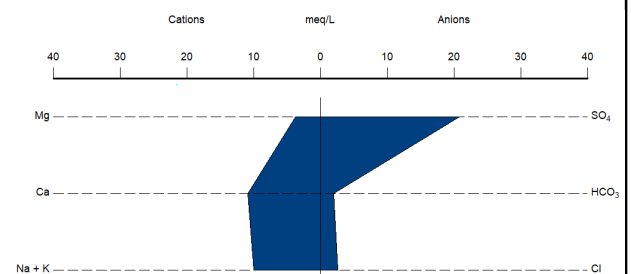
ST-S-5 July 2024



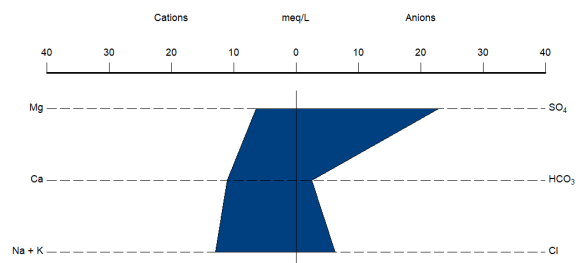
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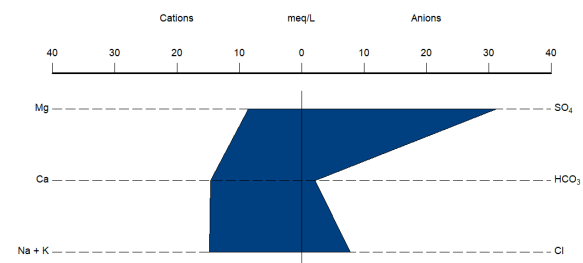
ST-21-S September 2024



ST-S-5 September



MW-16-01 July 2024



MW-16-01 August 2024

NOTES

- Results shown for samples ST-S-5, ST-21-North and ST-21-South collected by Agnico Eagle on July 7, 2024 and September 1, 2024.
- Average (sample + duplicate) results plotted for locations with duplicate samples collected by Agnico Eagle from ST-21-North (July 7, 2024) and MW-16-01 (July 6, 2024) collected by WSP.
- Dissolved concentrations of major ions (Ca, Mg, K and Na) plotted.

CLIENT
AGNICO EAGLE MINES LIMITED



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2024-11-05

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JL

PROJECT
2024 MEADOWBANK GROUNDWATER MONITORING PROGRAM
MEADOWBANK MINE
NUNAVUT

TITLE

2024 STIFF DIAGRAMS - RECLAIM WATER SIGNATURE

PROJECT No.
CA0037376.3015

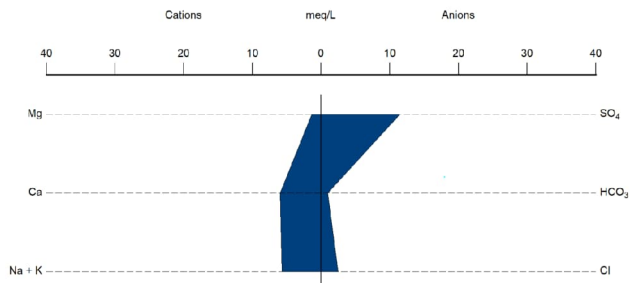
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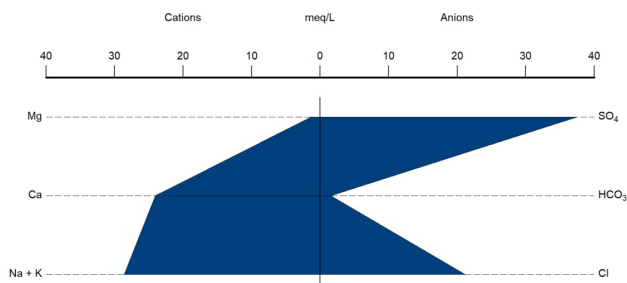
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FIGURE

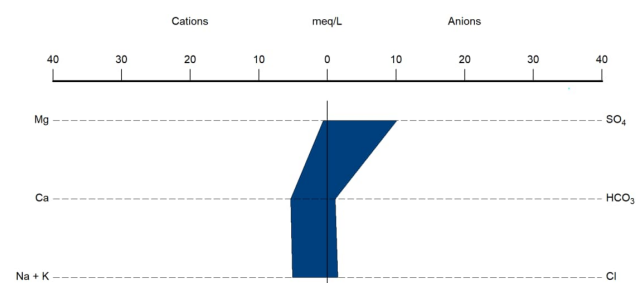
D-2



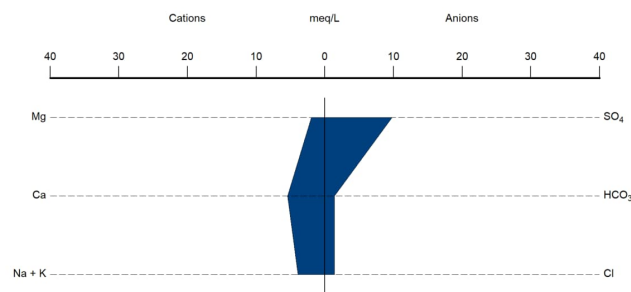
ST-17 – July 2024



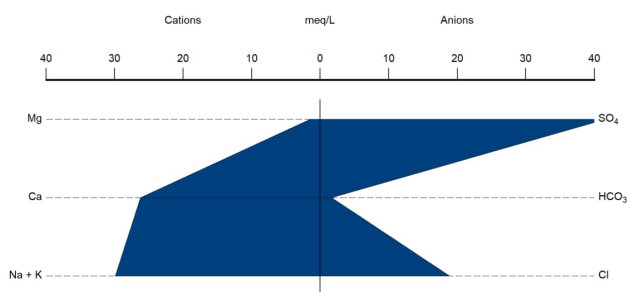
ST-19 – July 2024



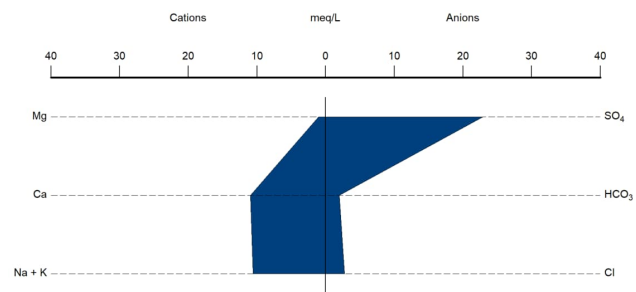
ST-20 – July 2024



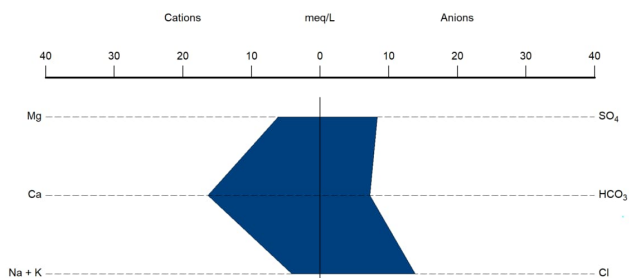
ST-17 – September 2024



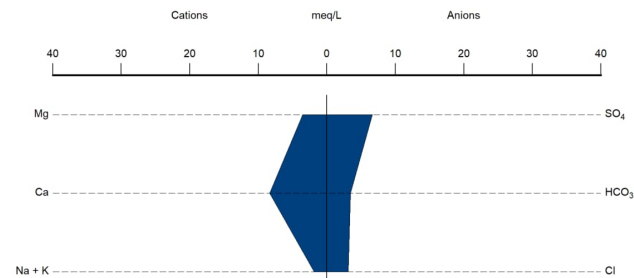
ST-19 – September 2024



ST-20 – September 2024



MBK Landfill – July 2024



MBK Landfill – September 2024

NOTES

- Results shown for Agnico Eagle samples collected on July 7, 2024 and September 1, 2024 from ST-17, ST-19, ST-20 and MBK Landfill.
- Average (sample + duplicate) results plotted for locations with duplicate samples collected by Agnico Eagle from ST-19 (September 1, 2024) and ST-20 (July 7, 2024).
- Dissolved concentrations of major ions (Ca, Mg, K and Na) plotted.

CLIENT
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PROJECT
2024 MEADOWBANK GROUNDWATER MONITORING PROGRAM
MEADOWBANK MINE
NUNAVUT

TITLE

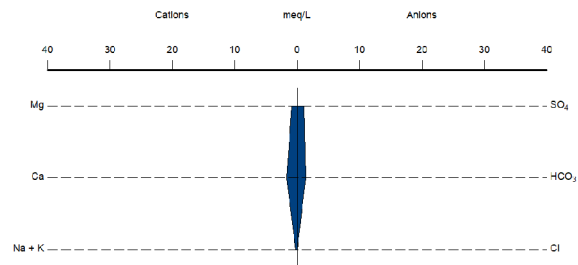
2024 STIFF DIAGRAMS - RECLAIM WATER SIGNATURE

PROJECT No. CA0037376.3015

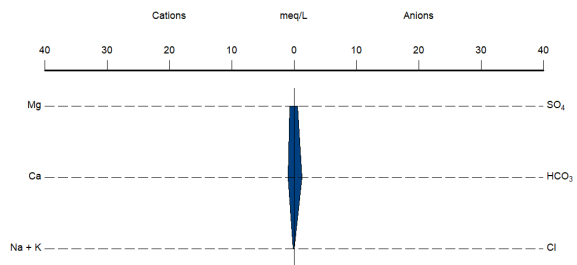
PHASE

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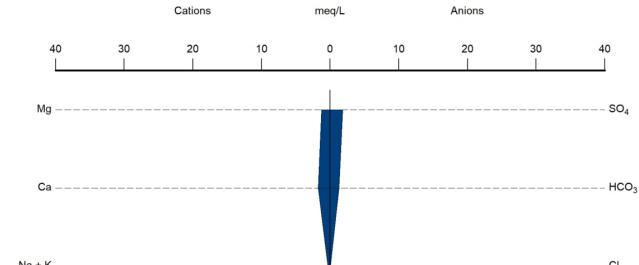
FIGURE
D-3



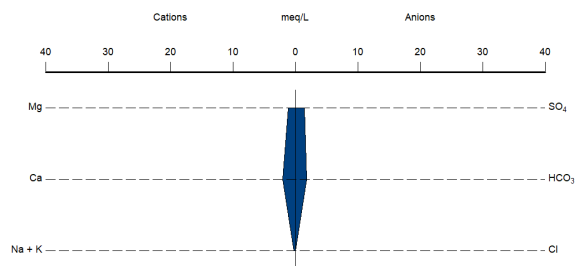
ST-30 – July 2024



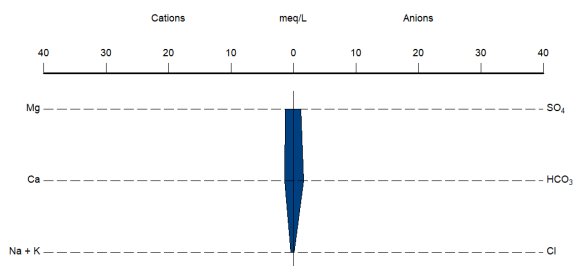
ST-31 – July 2024



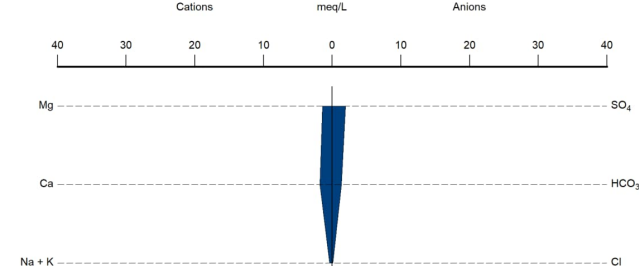
ST-16 - July 2024



ST-30 – September 2024



ST-31 – September 2024



ST-16 - September 2024

NOTES

1. Results shown for Agnico Eagle samples collected on July 7, 2024 and September from ST-30 and ST-31.
2. Average (sample + duplicate) results plotted for samples collected on September 1, 2024 (ST-31)
3. Dissolved concentrations of major ions (Ca, Mg, K and Na) plotted.

CLIENT
AGNICO EAGLE MINES LIMITED



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YYYY-MM-DD 2024-11-05

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PROJECT
2024 MEADOWBANK GROUNDWATER MONITORING PROGRAM
MEADOWBANK MINE
NUNAVUT

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2024 STIFF DIAGRAMS - NATURAL WATER SIGNATURE

PROJECT No. CA0037376.3015

PHASE

Rev.

0

APPENDIX E

**Historical Groundwater Monitoring
Program Water Quality Data 2003
to 2024**

APPENDIX E - Table E-1

Summary of Available Meadowbank Groundwater Quality Data, 2003 to 2024
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

Site/Station ID	Type	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Central Dike		X			X				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	X	X
East Flat / East Dike							X	X	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											
MW-IPD-01(s)	MW																X	X	X	X	X	X	X
MW-IPD-01(d)	MW																X	X	X	X	X	X	X
Goose Pit		X	X		X	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	X	X
Portage Pit-A		X	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		
Portage Pit-E														X	X	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	X	X

Notes: BH = temporary borehole; MW = monitoring well; PWS = pit wall seepage; HH = horizontal hole.

APPENDIX E - Table E-2
Historical Groundwater Monitoring Program Water Quality Data, 2003 to 2024
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

		Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit	Goose Pit
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Historical Groundwater Monitoring Program Water Quality Data, 2003 to 2024
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

[illegible]

APPENDIX E - Table E-2
Historical Groundwater Monitoring Program Water Quality Data, 2003 to 2024
Agnico Eagle Mines Limited, Meadowbank Mine, Nunavut

		Portage Pit E	Portage Pit E	Portage Pit E	Portage Pit E	Portage Pit E	Portage Pit E	Portage Pit E	Portage Pit E	Portage Pit E	Portage Pit A	Portage Pit A	Portage Pit A	Portage Pit A	Portage Pit A	Portage Pit A	Portage Pit A	Portage Pit A
Station ID		MW-IPD-09	MW-IPD-09	MW-IPD-09	MW-IPD-09	MW-IPD-09	MW-IPD-09	MW-IPD-09	MW-IPD-09	MW-IPD-09	MW-03-03	MW-03-03	MW-03-03	Pit A Seep E	Pit A-Seep-North	Pit A-Seep-East	Pit A Seep	Pit A Seep
Sampling Date		2022-09-11	2023-07-19	2023-07-19	2023-08-08	2023-08-08	2024-07-05	2024-07-05	2024-08-28	2024-08-28	2004-08-09	2004-08-09	2003-09-25	2017-11-05	2018-07-18	2019-07-16	2021-08-01	2022-07-17
Field Parameters		Unit																
Temperature		-	20.11	-	19.7	-	18.81	-	19.71	-	10.3	-	2.2	-	-	18.6	9.3	8.2
pH		-	8.19	-	8.38	-	7.38	-	8.12	-	7.77	-	8.63	-	-	7.64	7.72	7.04
Conductivity		-	194	-	216	-	156	-	217	-	627	-	350	-	-	972	960	977
Oxygen Reduction Potential		-	-194	-	-243.3	-	96.7	-	-197.3	-	3	-	79.9	-	-	80.8	-	330
Turbidity		-	0	-	0.56	-	2.7	-	0.2	-	-	-	-	-	-	-	0.81	1.35
Salinity		-	0.09	-	0.0	-	0.1	-	0.1	-	-	-	-	-	-	0.48	-	0.16
Total Dissolved Solids		-	128	-	108	-	108	-	77	-	109	-	-	-	-	630.5	-	905
Dissolved Oxygen		-	0	-	0.08	-	0	-	0	-	-	-	-	-	-	-	9.38	6.59
General		-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.57	92	-
Total Alkalinity		mg CaCO3/L	72	73	72	72	72	78	82	75	76	133	-	93.8	86	83	24	35
Bicarbonate Alkalinity HCO3		mg CaCO3/L	72	72	72	71	71	77	81	75	75	162	-	114	86	83	24	35
Carbonate Alkalinity CO3		mg CaCO3/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	-	< 0.5	< 2	< 2	< 1.0	< 1.0
Dissolved Organic Carbon		mg/L	0.95	0.91	0.91	0.92	0.88	0.98	1.1	0.89	0.9	-	-	3.1	5.2	0.81	0.91	0.93
Hardness (CaCO3)		mg CaCO3/L	66.4	67.0	68.4	71.0	72.1	69.8	69.7	76.6	65.4	213	-	140	557	692	464	518
Reactive silica		mg/L	10	9.0	10	10	10	9.9	9.9	9.3	9.6	-	-	4.6	5	5.5	8.7	7.4
Salinity		ppt	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-	-	-	-	-	-	0.21
Total Dissolved Solids		mg/L	80	145	130	100	115	220	250	155	185	239	-	254	602	1222	546	865
Total Organic Carbon		mg/L	1	1.1	1.1	1.0	1.1	1.1	1.1	0.92	0.95	-	-	3.1	5.2	0.74	0.76	0.51
Total Suspended Solids		mg/L	< 1	< 1	< 1	< 1	2	1	1	< 1	< 1	1	-	-	< 1	4	2	7
Turbidity		NTU	0.2	0.3	0.3	0.3	0.3	1.5	1.5	1.1	1.1	-	-	-	-	-	< 0.1	1.35
Total Metals		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Aluminum		mg/L	0.00977	0.00522	0.00568	0.0260	0.0288	0.0083	0.0114	0.00568	0.0065	-	-	0.095	0.084	0.021	0.0336	0.027
Total Antimony		mg/L	< 0.000020	< 0.000020	< 0.000020	< 0.000020	0.000026	< 0.000020	< 0.000020	< 0.000020	< 0.000020	0.0002	-	0.002	0.0026	0.0045	0.00172	0.000565
Total Arsenic		mg/L	0.0204	0.0205	0.0207	0.0220	0.0220	0.0177	0.0175	0.0167	0.015	0.015	-	0.004	< 0.0005	< 0.0005	0.00147	0.000895
Total Barium		mg/L	0.00243	0.000730	0.00231	0.00253	0.00273	0.00156	0.00175	0.00322	0.00258	0.05	-	0.02	0.0215	0.0677	0.0108	0.0119
Total Beryllium		mg/L	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.0002	-	< 0.001	< 0.0005	< 0.0005	< 0.00010	0.000032
Total Bismuth		mg/L	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.000010	< 0.0002	-	< 0.001	-	-	-	< 0.0000050
Total Boron		mg/L	0.1	0.086	0.09	0.091	0.094	0.122	0.13	0.106	0.1	0.19	-	0.09	< 0.01	0.04	0.085	0.089
Total Cadmium		mg/L	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	0.00006	-	< 0.0002	0.00037	0.000135	< 0.00002	0.000058
Total Calcium		mg/L	15.3	16.0	16.2	16.1	16.4	15.2	15.3	17.6	14.9	47.7	-	28	128	152	112	124
Total Chromium		mg/L	0.00022	0.00017	0.00021	0.00094	0.00086	0.00016	0.00022	0.00019	0.00027	0.001	-	< 0.001	0.0012	< 0.0006	0.0009	< 0.0010
Total Cobalt		mg/L	-	-	-	-	-	-	-	-	-	-	-	< 0.001	-	-	-	0.00012
Total Copper		mg/L	0.000247	0.000174	< 0.000050	0.000134	0.000128	0.000123	0.000307	< 0.000050	0.0002	0.0004	-	< 0.001	< 0.0005	0.0008	0.00048	0.000662
Total Iron		mg/L	0.145	0.159	0.165	0.264	0.25	0.641	0.646	0.429	0.366	0.46	-	< 0.05	0.27	0.18	0.032	0.0415
Total Lead		mg/L	0.00003	0.0000158	0.0000198	0.0000830	0.0000780	0.0000402	0.0000108	0.0000187	0.000043	0.0006	-	0.001	< 0.0003	< 0.0003	< 0.00020	0.000238
Total Lithium		mg/L	0.0019	0.00200	0.00200	0.00216	0.00221	0.00277	0.00289	0.00246	0.00202	0.0092	-	0.007	< 0.005	< 0.005	0.006	0.0153
Total Magnesium		mg/L	6.86	6.56	6.76	7.47	7.56	7.73	7.64	7.93	6.87	23.5	-	18	57.8	76.1	48.9	48.2
Total Manganese		mg/L	0.0324	0.0345	0.0347	0.047	0.037	0.0595	0.0343	0.0604	0.043	0.131	-	0.11	0.0253	0.0925	0.0421	0.048
Total Mercury		mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00002	-	< 0.00002	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Total Molybdenum		mg/L	0.0115	0.0112	0.0114	0.0111	0.0110	0.0116	0.0115	0.0109	0.00947	0.093	-	0.056	0.1336	0.3287	0.0782	0.213
Total Nickel		mg/L	0.000256	0.000272	0.000280	0.000424	0.000447	0.000436	0.000737	0.000166	0.00027	0.0024	-	0.003	0.0113	0.008	0.0379	0.0717
Total Potassium		mg/L	0.97	0.883	0.879	0.896	0.904	1.01	1.05	0.976	0.79	2.65	-	3.51	14.7	12.1	11.6	13.1
Total Selenium		mg/L	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.000040	< 0.0002	-	< 0.001	< 0.001	0.006	0.0033	0.00068
Total Silicon		mg/L	-	-	-	-	-	-	-	-	-	-	-	3.78	-	-	-	-
Total Silver		mg/L	< 0.0000050	< 0.0000050	< 0.0000050	0.0000060	0.0000060	< 0.0000050	0.0000115	< 0.0000050	< 0.000010	0.0001	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0000050
Total Sodium		mg/L	18.6	18.6	18.5	18.8	18.9	21.3	21.4	19.9	17.5	33.6	-	17.6	27.7	37.2	10.9	10.8
Total Strontium		mg/L	0.136	0.135	0.137	0.14	0.139	0.154	0.155	0.156	0.138	0.581	-	0.26	0.424	0.816	0.521	0.477
Total Tellurium		mg/L	-	-	-	-	-	-	-	-	-	< 0.0002	-	< 0.001	-	-	-	-
Total Thallium		mg/L	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.0000020	< 0.00002	-	< 0.0001	< 0.0008	< 0.0008	< 0.0002	0.000104
Total Thorium		mg/L	-	-	-	-	-	-	-	-	-	< 0.0001	-	< 0.0001	-	-	-	-
Total Tin		mg/L	0.00022	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0002	-	< 0.001	< 0.001	< 0.001	< 0.0050	< 0.00020
Total Titanium		mg/L	< 0.000050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.0045	-	< 0.001	0.1	0.16	< 0.0050	< 0.00050
Total Uranium		mg/L	0.000166	0.000124	0.000121	0.000109	0.000106	0.000217	0.000208	0.000182	0.000159	0.0088	-	0.012	0.084	0.156	0.01	0.00672
Total Vanadium		mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.0002	-	< 0.001	< 0.0005	< 0.0005	-	< 0.00020
Total Zinc		mg/L	0.00518	< 0.00010	0.00023	0.00265	0.00115	0.00072	0.00195	0.00037	< 0.0010	0.006	-	< 0.005	< 0.001	< 0.001	0.008	< 0.0050
Total Zirconium		mg/L	-	-	-	-	-	-	-	-	-	< 0.002	-	< 0.001	-	-	-	-
Dissolved Metals		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Aluminum		mg/L	0.103	0.00344	0.00215	0.0736	0.00297	0.0161	0.0126	0								

