GOOSE PROJECT

MAY 2026 MONTHLY REPORT FOR WATER LICENCE 2AM-BRP1831

DATE
June 2026

REFERENCE
Version 1.0

GOOSE PROJECT

May 2026 MONTHLY REPORT

In Compliance with:

Water Licence 2AM-BRP1831 (Amendment No.1)

Prepared by:

B2 Gold Nunavut

Submitted to:

Nunavut Water Board (NWB)

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EXECUTIVE SUMMARY

B2Gold Nunavut (B2Gold) was required as part of Part I, Item 18 of its Water Licence 2AM-BRP1831 (Amendment No. 1) (the Licence) to submit a Monthly Monitoring Report to the Nunavut Water Board within 30 days following the month being reported.

B2Gold carried out a monitoring program in accordance with Part I, Item 4 of the requirements. Samples collected were sent to an accredited laboratory for analysis to comply with Part I, Item 17 requirement. Analyses were conducted following methods described in the most recent edition of "*Standard Methods for the Examination of Water and Wastewater*" or by other such methods approved by the Laboratory Analyst to comply with Part I, Item 16 requirement. Quality assurance and quality control procedures were used to screen all data to comply with Part B, Item 14 requirement.

The results of the monitoring program identified any non-compliance with regards to the regulated discharge parameters under Parts D, Items 21, 26 and Part F, Items 4, 6, 12, 21, and 26 of the Licence. B2Gold commits to continuing the monitoring as required by Part I, Item 4. A Monthly Report will be submitted to the Board within thirty (30) days following the month being reported.

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B2Gold ᓄᓇᕗᑦ (B2Gold) ᐱᔨᑌᐊᖅᖃᑎᑕᐅᓪᓚᐅᖅᓴᖅ ᐃᓕᑭᔨᐅᓪᓗᓂᓂ ᐃᓕᖅᓚᒃ I, ᓇᓴᐅᑎ 18 ᐃᒪᖏᒍᑦ ᓪᐃᔨᓴᓱᓕᒥ 2AMBRP1831 (ᐊᑲᖅᑭᒋᐊᑭᑦ ᓇᓴᐅᑦ 1) (ᐱᔪᓄᓇᐅᑎ) ᑐᓂᓱᔨᑌᐊᖅᓴᓗᑎᒃ ᑕᖅᑭᑕᒪᖅᓱᐅᑎᑎᒃ ᖃᐅᔨᔨᖅᐸᓪᓕᐊᓂᖏᒍᑦ ᐅᓂᒃᑲᒥᒃ ᓄᓇᕗᔭᒥ ᐃᒪᓕᓚᔨᓄᑦᓯᓕᒃᑐᓂᓕᒃ ᓄᓇᓕᖅᑐᑦ ᐃᒪᓕᓚᔨᓄᑦᓯᓕᒃᑐᓂᓕᒃ ᐅᓪᓚᐅᖅᓴᖅᑐᓪᓗᒍ.

B2Gold ᖃᐅᔨᔨᐃᓄᓇᓕᐅᖅᓴᑦ ᒪᓕᒃᓴᓗᑎᒃ ᐃᓕᖅᓚᓂ I, 4 ᐊᑐᑌᐊᓕᖅᓂᓂ. ᖃᐅᔨᔨᓚᒃᓴᑦ ᑲᑎᑕᐅᔪᓂ ᐊᐅᓪᓕᖅᖃᑎᑕᐅᓪᓚᐅᖅᓴᑦ ᐃᓕᓴᒃᑲᐅᓯᒪᔪᒍᑦ ᖃᐅᔨᔨᖅᑲᖏᓚᒍᑦ ᖃᐅᔨᔨᖅᑕᐅᓂᐊᖏᒪᑕ ᒪᓕᒃᓗᓂᓗᑎᒃ ᐃᓕᖅᓚᓂ I, 17–ᒥ ᐊᑐᑌᐊᓕᖅᒥᑦ. ᖃᐅᔨᔨᖅᓯᓂᓪ ᐱᓕᑌᐊᖏᓕᐅᖅᓴᑦ ᒪᓕᒃᑐᑦᖃᖅᓗᓂᓂ ᐊᑐᑦᑕᐅᓂᐊᖏᓪᓴᑦ ᐃᒪᖏᒃᑎ ᐊᑐᐃᓇᖅᓯᒪᔪᒥᑦᓗᓃ ᐃᒪᖏᒃᑎ ᐊᐅᓚᐅᖅᓴᖅ ᐃᓕᓴᕐᓂᐊᕐᓗᒍ, "ᐊᑐᑦᑕᐅᓂᐊᖏᑐᑦ ᖃᐅᔨᔨᖅᓯᓂᓪᓕᒍᑦ ᐃᒪᖏᒃᑎ ᐊᑐᐃᓇᖅᓯᒪᔪᒥᑦᓗᓃ ᐃᒪᖏᒃᑎ" ᐊᓯᖏᑎᒍᓕᓪᓚᓂᓂ ᐊᑐᑦᑕᐅᓂᐊᖏᑐᓂᓂ ᐊᖏᑎᑦᑕᐅᓯᒪᔪᓂᑦ ᖃᐅᔨᔨᖅᑎᒍᑦ ᒪᓕᒍᓕᓪᓚᐅᖅᓴᑦ ᐃᓕᖅᓚᓂ I, 16–ᒥ ᐊᑐᑦᑕᐅᓴᓚᐊᓕᖅᒥᑦ. ᐱᐅᓂᖏᓂᓂ ᖃᐅᔨᔨᖅᓂᓂᓂ ᐱᐅᓪᓕᓂᓪ ᐊᐅᓪᓕᖅᑎᓂᓪᓗᒍ ᐊᑐᑦᑕᐅᓪᓚᐅᖅᓴᖅ ᐅᓂᒃᑲᐅᓯᒪᔪᒍᑦ ᖃᐅᔨᔨᖅᓂᓂᓂᓂ ᐊᐅᓪᓕᖅᑎᓂᓪᓗᒍ ᑐᓂᓯᓂᒃᑲᓂᓪᓗᒍ ᐃᓕᖅᓚᓂ B–ᒥᑦ, 14–ᒥᑦ ᐊᑐᑌᐊᓕᖅᒥᑦ.

ᖃᓄᐃᓕᖅᑎᓕᕐᓂᖅᓯᒪᓂᑦ ᖃᐅᔨᔨᖅᓴᓪᓕᐊᓂᓪᓗᒍ ᐱᓕᑌᐊᒥᑦ ᓇᓗᓇᐃᖅᓯᓕᐅᖅᓴᖅᑐᑦ ᓇᓕᐊᖅᓂᑐᐃᓇᓇᖅ ᒪᓕᒃᖁᓂᓂᒥᑦ ᐱᔭᐸᑎᖅᕐᓗᓂᑦ ᐊᐅᓪᓕᑕᐅᔪᓂᑦ ᐅᔾᓕᒋᐅᔪᓂᑦ ᐅᑯᑎᐃᓇᖅ, ᐃᓕᖅᓚᓂ D–ᒥ, ᑎᑎᕐᓯᓯᓂᓕᓚᑦ 21, 26 ᐊᒻᒪ ᐃᓕᖅᓚ F, ᑎᑎᕐᓯᓯᓂᓕᓚᑦ 4, 6, 12, 21, ᐊᒻᒪ 26 ᓪᐃᔨᔭᓯᒥB2Gold ᐱᓕᓪᓚᐊᖅᑲᓪᓚᔨᐅᓐᖅ ᑲᔪᓯᑎᑕᑎᓂᓂᒥᑦ ᓇᐅᑕᑎᓯᔪᓂᒥᑦ ᑕᐃᒪᐃᑕᑕᓪᓚᐊᖅᖃᑎᑕᐅᓂᓚᓂ ᐃᓕᖅᓚᓂ I–ᒥ, ᑎᑎᕐᓯᓯᓂᓕᓚᑦ 4–ᒥ. ᑕᖅᑭᑕᒪᖅᓯᓂᐅᑦ ᐅᓂᒃᑲᓕᐊᖅ ᑐᓂᔨᐅᖅᑲᑕᓕᐊᖅᓴᖅ ᑲᑎᒪᔨᓇᓂᓂ ᐅᓪᓚᐅᖅᓴᖅᑐᓪᓗᒍ ᑕᖅᑭᑦ ᐅᓂᒃᑲᐅᓯᒪᔪᒍᑦ ᑕᖅᑭᒋᐊᖅᓴᖅ.

AULAPKAIYININ NAITTUQ TITIRAQHIMAYUQ

B2Gold Nunavut (B2Gold) piqaqtukhaq ilagiyainik Ilangani I, Naunaitkut 18 talvani Imarnik Laisikharnik 2AMBRP1831 (Nuutaanguqtiqhimayuq Nampa 1) (tamna Laisikhaq) tuniyukhaq Tatqikhiut Tamaat Munagidjutikharnik Ilitugidjutikharnik talvunga Nunavunmi Imarnik Katimayiinun 30nik ublurnik talvuuna tatqikhiutmi ilitugipkaktauvakhimayunik.

B2Gold havaktait munaridjutikkut pinahuarutit malikhugit Ilangani I, Hunat 4 piyakhani. Uuktuutit katitiqtauyut tuyuqtauyut ilitariyauhimayumun naunaiyaivingmun naunaiyaqtauyaangini maliklugit Ilangani I, Item 17 piyakhat. Ihivgiugutit havaktauyut malikhugit atugahat naunaiyaqhimayut nutaatqiami titiraqhimayuni "Atugahat Atugahat Ihivgiugutinun Imaqmik uvalu Kuvigaqhimayumik imaqmik" uvaluuniin aalat atugahat angiqtauhimayut hapkunanga Naunaiyaivikmi Qauyihaiyimin malikhugit Ilangani I, Hunat 16 piyakhat. Qanurittaakhaanik uqariiyaqtamiknik unalu qanurittaakhaanik munariniq qanuriliurutingit atuqtauyut naunaiyariami tamaita nampangit maligiami uumunnga Ilagiyanga B, Hunavaluk 14 ihariagiyangit.

Qanuriniit munaridjutikkut pinahuarutit naunaiyaqhimayut quyaginaq maliktaungitut mighaagun maligaqaqtut kuvinikkut kiklikhait ataani Ilangani D, Hunat 21, 26 unalu Ilanga F, Hunat 4, 6, 12, 21, unalu 26 haffumani LaisimiB2Gold uqariiqtut aulahimaaqtumik munaridjutit piyakhat uvani Ilangani I, Hunat 4. Tatqirhiutimi Taiguagakhaq tuniyauniaqtuq Katimayiinginnut taimaa (30) ublunik talvannga tatqirhiutinganit taiguagakhamit.

RÉSUMÉ EXÉCUTIF

B2Gold Nunavut (B2Gold) a l'obligation, conformément à l'Article 18 de la Partie I de sa Licence d'eau 2AM BRP1831 (Amendement n° 1) (la Licence), de soumettre un rapport de suivi mensuel au Conseil de l'eau du Nunavut dans les 30 jours suivant le mois faisant l'objet du rapport.

B2Gold a mis en place un programme de suivi conformément à l'Article 4 de la Partie I des exigences. Les échantillons recueillis ont été envoyés à un laboratoire accrédité pour analyse afin de respecter l'exigence de l'Article 17 de la Partie I de sa Licence d'eau. Les analyses ont été effectuées selon les méthodes décrites dans la dernière édition du « Standard Methods for the Examination of Water and Wastewater » ou par d'autres méthodes approuvées par l'analyste du laboratoire en question pour se conformer à l'exigence, de l'Article 16 de la Partie I. Des procédures d'assurance et de contrôle de la qualité ont été utilisées pour vérifier toutes les données afin de répondre à l'exigence de l'Article 14 de la Partie B.

Les résultats du programme de surveillance ont permis d'identifier aucune non-conformité par rapport aux paramètres de rejet réglementés aux Articles 21, 26 de la Partie D, ainsi que des articles 4, 6, 12, 21 et 26 de la Partie F de sa Licence d'eau. B2Gold s'engage à poursuivre la surveillance telle que requise par l'Article 4 de la Partie I. Un rapport mensuel sera soumis au Conseil dans les trente (30) jours suivant le mois faisant l'objet du rapport.

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ACRONYMS AND ABBREVIATIONS

B2Gold Nunavut	B2Gold Back River Corporation
The Licence	Water Licence 2AM-BRP1831 (Amendment No.1)
AKMLA	Allen Kopolak Marine Laydown Area
The Goose Mine	Refers to the mining operation being developed within the Goose Claims Group, and includes the open pits, the underground mine, and the on-site infrastructure such as the WRSAs, tailings storage facilities, power infrastructure, and process plant
The Goose Project	Encompasses the Goose Claims Group, Goose Mine, the WIR and the MLA
STP	Sewage Treatment Plant
Tailings Facility	An open pit that is utilized to store tailings, waste rock, and/or acts as a water management facility (i.e., Llama, Umwelt, Echo, Goose Main)
Tailings Storage Facility	The purpose-built above ground facility designed to store tailings, waste rock and/or act as a water management facility as generally described in the Application
WIR	Winter Ice Road
WRSA	Waste Rock Storage Area

1. INTRODUCTION

The Back River Project (the Project) is a gold project owned by the B2Gold Back River Corporation (B2Gold Nunavut) within the West Kitikmeot region of southwestern Nunavut. It is situated approximately 400 kilometres (km) southwest of Cambridge Bay, 95 km southeast of the southern end of Bathurst Inlet (Kingaok), and 520 km Northeast of Yellowknife, Northwest Territories (Figure 1). The Project is located predominantly within the Queen Maud Gulf Watershed (Nunavut Water Regulations, Schedule 4).

The Project is comprised of two main areas, Goose Property, and the Marine Laydown Area or AKMLA (recently referred to as Allen Kpolak Marine Laydown Area, AKMLA), with a seasonal 160 km long interconnecting winter ice road (WIR). The AKMLA is situated along the western shore of southern Bathurst Inlet.

As per Part I, Item 18 of the Water License 2AM-BRP1831 (Amendment No.1), B2Gold is required to submit to the Board, within thirty (30) following the month being reported, a Monthly Monitoring Report. Specific elements to be incorporated into the Report include:

a. All data and information required by this Part and generated by the Monitoring Program in the Tables of Schedule I;
b. An assessment of data to identify areas of non-compliance with regulated Discharge parameters referred to Part D and Part F; and
c. Reports should document conditions during spring freshet, major rain events, and periods of sustained precipitation including flow measurements, photographs, and notes.

All analyses were performed in an accredited laboratory according to ISO/IEC Standard 17025 and the accreditation is current and in good standing as required by Part I, Item 17. Additionally, all analyses were conducted as described in the most recent edition of "*Standard Methods for the Examination of Water and Wastewater*" or by other such methods approved by an Analyst as required by Part I, Item 16. This report to the Nunavut Water Board is to satisfy these requirements.

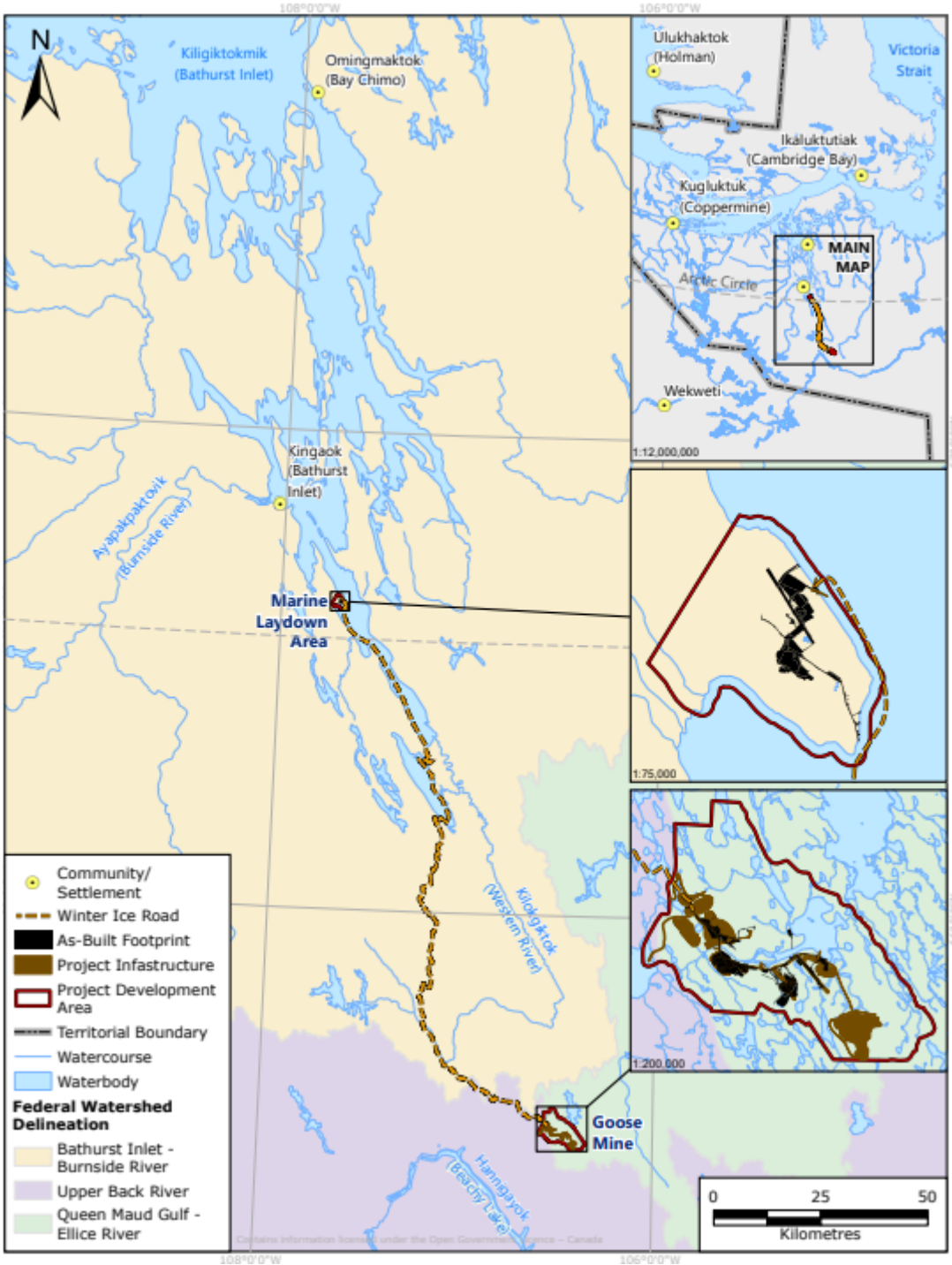

Figure 1 Goose Project Overview

2. REGULATORY REQUIREMENTS AND STATUS

2.1 PART I, Item 5

The Licensee shall, at least sixty (60) days prior to a change in Project Phase (Construction, Operations Stages), submit to the Board a written notification of the intent to change Project phase as per Part B, Item 9. Notifications may be provided separately or in accordance with the monthly monitoring report as per Part 1, Item 18.

Compliance Status:

No change in Project phase will occur over the next 60 days.

2.2 PART I, Item 8

The Licensee shall measure and record the following on a Monthly basis in cubic metres or as otherwise stated:

a. The volume of fresh Water obtained from Big Lake;

b. The volume of fresh Water obtained from Goose Lake;

c. The volume of fresh Water obtained from AKMLA Pond S1, Pond S2, Lake 3, and Lake 4;

d. The volume of fresh Water obtained from Llama Lake, Umwelt Lake, and other Water bodies approved by the Board for dewatering;

e. The volume of fresh Water obtained from each Water source for the Interconnection Winter Ice Road and Winter Ice Road Service/Emergency Camps;

f. The volume of Reclaim Water obtained from the Primary Water Pond, Tailings Storage Facility and/or Tailings Facilities for process Water at the process plant or alternative treatment system;

g. The estimated volume of Greywater and Sewage released to the environment and/or to the Tailings Storage Facility and Tailings Facilities;

h. The volume of sludge removed from the STP and the location and method of disposal;

i. The volume of Effluent discharged from Landfarms, Fuel Tank Farms, and Fuel Storage Facilities;

j. The estimated volume of Contact Water, WRSA Effluent, Ore Stockpile Effluent, or other Effluent/Water streams pumped into the Primary Water Pond, Tailings Storage Facility, Tailings Facilities, and/or transferred between ponds or facilities; and

k. The volume of Effluent discharged at the Final Discharge Point.

Compliance Status:

The following is to comply with Part I, Item 8 (a, b, c, d, e, f, g, h, i, j, and k) requirements. The volumes of water obtained from Big Lake, Goose Lake*, George Lake, AKMLA Pond S1, AKMLA Pond S2, AKMLA Lake 3, AKMLA Lake 4, Llama Lake, Umwelt lake, and other water bodies approved for dewatering are provided in Table 2-1.

Table 2-1 Volumes of Water Obtained from Approved Sources

Source	Volume Used (m^3)
Big Lake	0
Goose Lake	**29,579.6**
George Lake*	**209**
AKMLA Pond S1	0
AKMLA Pond S2	0
AKMLA Lake 3	0
AKMLA Lake 4	0
Llama Lake	0
Umwelt Lake	0
Other water bodies approved for dewatering	0

Note: * George Lake not mentioned in Part I, Item 8a,b,c,d requirements, however, B2Gold started reporting this in June 2026.

No water was obtained for the Winter Ice Road (WIR) or service/emergency camps this month.

Approximately **60,608 m^3** of reclaim water was obtained from the Echo Tailings Facility for process water at the process plant this month.

Sewage released from the Goose Sewage Treatment Plant (STP) to the environment (i.e., Tundra) is approximately **4,286 m^3**. The estimated volumes of greywater released this month are presented in Table 2-2.

Table 2-2 Estimated Volumes of Greywater Released for April 2026

Locations	Volume (m^3)	Destination
AKMLA	**239**	Tundra
AKMLA Forward Camp	**0**	Tundra
Goose Forward Camp	**0**	Tundra
George Camp	**167**	Tundra

Note: Greywater estimates for the AKMLA, George Camp and both forward camps are approximate due to the lack of, or insufficient, flowmeters. These values are calculated based on 80% of the total freshwater intake.

The volume of compressed and dewatered sludge removed from the Goose STP and placed in the Umwelt Waste Rock Storage Area (WRSA) landfill this month is approximately **61 m^3**. No effluent was discharged from Landfarms, fuel tank farms or fuel storage facilities this month.

The estimated volume of tailings slurry placed in the Echo Tailings Facility this month is **91,252 m^3**. This volume is based on the process mill output that occurred this month. No other contact water, WRSA effluent, ore stockpile effluent, or other effluent/water streams were pumped into the Primary Pond, Tailings Storage Facility, other Tailings Facilities, and/or transferred between ponds or facilities this month.

No effluent was discharged at the Final Discharge Point at Monitoring Programs Station(s) BRP-58a to BRP-58xx (TBD) this month. Information required by Part F, Item 16 of the Licence, related to the Effluent Discharge Plan will be submitted to the Board at least 120 days prior to discharge of Effluent subject to Part F, Item 21 of the Licence.

The quantity of waste rock placed and stored at each WRSA and other locations approved by the Board are presented in Table 2-3.

Table 2-3 Quantity of Waste Rock Placed and Stored

Location	Volume this Month (tonnes)	Cumulative Volume for Life of Pit (tonnes)
Echo WRSA	0	4,749,968
Umwelt WRSA	1,057,150	5,651,018

Dry tonnes of tailings placed in the Echo Tailings Facility this month is approximately **21,293m^3**. A total of **343,149 tonnes** of ore was stockpiled, and **28,098 tonnes** of ore was processed through the process plant this month.

2.3 PART I, Item 9

The Licensee shall measure and record the following on a Monthly basis in tonnes:

a. Quantity of Waste placed within the Landfill(s) and Landfarm(s);

b. Quantity of Waste Rock placed into, and total stored at, each Waste Storage Area and other locations approved by the Board;

c. Dry tonnes of tailings placed into, and stored at, the Tailings Storage Facility and Tailings Facilities;

d. Quantity of ore stockpiled and ore processed through the processing plant.

Compliance Status:

Quantity of waste placed in the landfill (cell 5) this month is approximately **689 m^3**. The current cell (cell 5) situated within the Umwelt WRSA. No material was placed in either the Goose (BRP-51) or AKMLA (BRP-44) Landfarm this month. These facilities are not yet commissioned.

2.4 PART I, Item 20

No additional monitoring was imposed by the Inspector this month.

3. SCHEDULE I REQUIREMENTS

The information provided in the following sections is to comply with Part I, Item 4, which requires the Licensee to undertake the Monitoring Program provided in Table 1 and Table 2 of Schedule I.

Table A-1 (Appendix A) provides an overview of the monitoring stations, descriptions, and monitoring frequencies as well as a summary of monitoring status and activities completed for the month. Additional details relevant to this month's monitoring of active sites are provided in the following sections. Documentation of environmental conditions during spring freshet, major rain events, and periods of sustained precipitation as required by the License requirements are also provided where applicable.

3.1 BRP-S General Seeps

Seepage, particularly from stockpiles or disturbed area, is inspected and collected when noticed on a monthly basis. Two seeps, BRP-S-03 and BRP-S-05, were observed flowing in May, and samples were collected from both locations. Analytical results indicate no exceedances of applicable criteria at this location and analytical results are provided in Table B-1 (Appendix B).

3.2 BRP-17 Goose Property Sewage Treatment Plant

The Goose Sewage Treatment Plan (STP) discharges treated effluent to land, allowing for additional overland treatment prior to entering the freshwater receiving environment. The volume of treated sewage effluent discharged during the reporting period is provided in Section 2.2. One sample was collected from BRP-17 during the reporting period, and results are within the permit limits. The analytical results are provided in Table B-2 (Appendix B).

3.3 BRP-18 Llama Watershed Outflow

One sample was collected from the Llama Watershed Outflow into Goose Lake (BRP-18). Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-3 (Appendix B).

3.4 BRP-19 Echo Outflow

One sample was collected from the Echo Outflow (BRP-19) non-contact water, on May 27th. Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-4 (Appendix B).

3.5 BRP-20 Echo Tailings Facility

Two samples were collected from the Echo Tailings Facility (BRP-20), also known as Echo Pit, in May. Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-5 (Appendix B).

3.6 BRP-22 Echo WRSA Pond

One sample was collected from the Echo WRSA contact water (BRP-22) on May 27th. Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-6 (Appendix B).

3.7 BRP-23 Gander Pond Outflow

One sample was collected from the Gander Pond Outflow into Goose Lake (BRP-23) on May 27th. Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-7 (Appendix B).

3.8 BRP-24 Goose Lake Intake

Flow at the Goose Lake Intake point for potable and industrial water withdrawal is continuously metered. The total monthly volume withdrawn from Goose Lake under this Licence is reported in Section 2.2.

3.9 BRP-40 and 41 MLA Bathurst Inlet Desalination Intake and Discharge

During the reporting period, one sample was collected from each of BRP-40 and BRP-41. Analytical results indicated no exceedances of applicable criteria at either monitoring station. Results for BRP-40 and BRP-41 are presented in Table B-8 and Table B-9, respectively (Appendix B).

3.10 BRP-42 AKMLA Greywater

The volume of greywater discharged from the AKMLA Camp to the tundra is reported in Section 2.2, Table 2-2. BRP-42 represents the drainage pathway at the point of entry to the marine receiving environment. During the reporting period, no flow was available for sampling at the downstream monitoring location (BRP-42).

3.11 BRP-I Interconnection WIR Proximal Water Bodies

The volume of fresh water used in the construction of the WIR and at the WIR Service/Emergency Camps this month is provided in Section 2.2.

APPENDIX A

MONITORING ACTIVITY OVERVIEW BY STATION

Table A-1 Monitoring Activity Overview by Station for May 2026

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
BRP-G-01 to BRP-G-TBD	Regulated Monitoring	General Site Runoff Surficial runoff anywhere at both Goose Property and MLA, including quarries; monitoring for erosion and sedimentation.	Construction	C	Weekly if flow enters a waterbody	Active during freshet and heavy rain events
BRP-S-01 to BRP-S-TBD	General Monitoring	General Seeps Seepage or runoff from excavated and/or stockpiled material anywhere at both Goose Property and MLA, including quarries, that does not gather into a collection system or the site is reclaimed.	Construction and Operations	A, D	Monthly during flow, or as found	Active. See Section 3.2 and Appendix B
BRP-01	Regulated Monitoring	Goose Lake Discharge (discharge point for release of dewatering effluent with or without treatment)	Construction	A, B, G	Weekly during dewatering	No dewatering this month
				D	Four times during dewatering, at the same time as the weekly samples	
				H	Once per month during dewatering, at the same time as Group D	
				I	One time during dewatering, at the	

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
					same time as Group D	
BRP-02	General Monitoring	Llama Lake (intake point for dewatering, triggers need for treatment prior to discharge at BRP-01)	Construction	C (TSS only)	Weekly if treatment is required; no sample if treatment is not required	No dewatering this month
BRP-03	Verification Monitoring	Llama Pit (representative of collected pit water prior to transfer to tailings management facility)	Operations Stage 1 to Operations Stage 2	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-04	General Monitoring	Llama Pit Lake (representative of flooded pit during flooding and before overflow to the downstream environment)	Closure* to post-closure	A, D	Twice per year	N/A – mine phase
BRP-05	Verification Monitoring	Llama WRSA Pond (representative of collected water quality)	Operations Stage 1 to Closure	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-06	General Monitoring	Umwelt Lake (intake point for dewatering, triggers need for treatment prior to discharge at BRP-01)	Construction	C (TSS only)	Weekly if treatment is required; no sample if treatment is not required	No dewatering this month

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
BRP-07	Verification Monitoring	Umwelt Pit (representative of collected pit water prior to transfer to tailings management facility)	Construction to Operations Stage 2	A, G	At Licensee's discretion	Pit construction was initiated in early 2025; no transfer this month
BRP-08	General Monitoring	Umwelt Pit Lake (representative of flooded pit during flooding and before overflow to the downstream environment)	Closure to post-closure	A, D	Twice per year	N/A – mine phase
BRP-09	Verification Monitoring	Umwelt WRSA Pond (representative of collected water quality, including landfill seepage/runoff)	Construction to Closure (early)*	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-10	Verification Monitoring	Primary Water Pond (representative of collected water quality)	Construction to Closure (early)	A, D	At Licensee's discretion	Facility commissioned in July 2025. However, no samples collected this month due to frozen conditions
BRP-11	Verification Monitoring	Saline Water Pond (representative of stored water quality)	Construction (late) to Closure (early)	A, D	At Licensee's discretion	N/A – facility not commissioned
BRP-12	General Monitoring	Big Lake Intake (intake point for potable and industrial water withdrawal)	Construction to Closure	A, D	Four times per year	N/A – facility not commissioned
				B	Weekly	
BRP-13	Verification Monitoring	Ore Stockpile Pond (representative of collected water quality)	Construction to Closure (early)	A, D	At Licensee's discretion	No sample collected this month due to frozen conditions
BRP-14				A, E		

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
	Verification Monitoring	ANFO Plant (representative of collected water quality)	Construction to Closure		At Licensee's discretion	N/A – facility not commissioned
BRP-15	Regulated Monitoring	Goose Fuel Tank Farm (representative of collected water quality)	Construction to Closure	A, E	Prior to discharge or transfer of water	No discharge this month
BRP-16	Regulated Monitoring	Goose Hazardous Waste Management Area (representative of collected water quality)	Construction to Closure	A, E	Prior to discharge or transfer of water	N/A – facility not commissioned
BRP-17	Regulated Monitoring	Goose Property Sewage Treatment Plant (treated sewage discharge/drainage immediately prior to the point of entry into freshwater)	Construction to Closure	A, F	Monthly	Active. See Section 3.3 and Appendix B
BRP-17A	Regulated Monitoring	Goose Property Sewage Treatment Plant (discharge point for treated sewage into Tailings Storage Facility or Tailing Facility)	Construction to Closure*	A, F	Prior to discharge	No STP discharge to the TSF or TF
BRP-18	General Monitoring	Llama Watershed Outflow (representative of non-contact water, PN04 from Water and Load Balance)	Operations to Closure	A, D	Once during freshet and monthly during upstream construction while visible flow is present at the stations	Active. See Section 3 and Appendix B

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
BRP-19	General Monitoring	Echo Outflow (representative of non-contact water). PN09 from water and load balance	Operations to Closure	A, D	Once during freshet and monthly during upstream construction while visible flow is present at the stations	Active. See Section 3.4 and Appendix B
BRP-20	Verification Monitoring	Echo Pit (representative of collected pit water prior to transfer to tailings management facility)	Operations	A, G	At Licensee's discretion	Active. See Section 3.6 and Appendix B
BRP-21	General Monitoring	Echo Pit Lake (representative of flooded pit during flooding and before overflow to the downstream environment)	Closure to post-closure	A, D	Twice per year	N/A – mine phase
BRP-22	Verification Monitoring	Echo WRSA Pond (representative of collected water quality)	Operations Stage 2 to Closure (early)	A, G	At Licensee's discretion	Active. See Section 3.7 and Appendix B
BRP-23	General Monitoring	Gander Pond Outflow (representative of non-contact water, PN07 from Water and Load Balance)	Operations to Closure	A, D	Once during freshet and monthly during upstream construction while visible flow is present at the stations	Active. See Section 3 and Appendix B

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
BRP-24	General Monitoring	Goose Lake Intake (intake point for potable and industrial water withdrawal)	Operations Closure (early)	B	Weekly	Active. See Section 3.8 and Appendix B
BRP-25	Verification Monitoring	Goose Pit (representative of collected pit water prior to transfer to tailings management facility)	Operations	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-26	General Monitoring	Goose Pit Lake (representative of flooded pit during flooding and before overflow to the downstream environment)	Closure* to post-closure	A, D	Twice per year	N/A – facility not commissioned
BRP-27	Verification Monitoring	Goose Main Tailings Facility (intake point for water treatment, represents pre-treatment water quality)	Operations to Closure	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-28	Verification Monitoring	Goose Main Tailings Facility (discharge point for water treatment, represents post-treatment water quality)	Operations to Closure	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-29	Verification Monitoring	TSF WRSA Pond (representative of collected water quality, including landfill seepage/runoff)	Operations to Closure	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-30	General Monitoring	Goose Southeast Inflow (representative of non-contact water, PN06 from Water and Load Balance)	Operations to Closure	A, D	Once during freshet	

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
BRP-40	General Monitoring	Bathurst Inlet Intake (intake point in marine environment for potable and industrial water withdrawal)	Construction to Closure	A, D, B	At Licensee's discretion	Active. See Section 3.10 and Appendix B
BRP-41	General Monitoring	Bathurst Inlet Discharge (discharge point in marine environment for effluent from desalinization plant)	Construction to Closure	A, J	At Licensee's discretion	Active. See Section 3.10 and Appendix B
BRP-42	Regulated Monitoring	MLA Greywater (representative drainage at point of entry to the marine receiving environment)	Construction to Closure	A, F	Monthly when discharging	No discharge this month, see Section 3.11
BRP-43	Regulated Monitoring	MLA Fuel Tank Farm (representative of collected water quality)	Construction to Closure	A, E	Prior to discharge or transfer of water	No discharge this month
BRP-44	Regulated Monitoring	MLA Landfarm (representative of collected water quality)	Construction to Closure	A, E	Prior to discharge or transfer of water	N/A – facility not commissioned
BRP-45	Regulated Monitoring	MLA Hazardous Waste Management Area (representative of collected water quality)	Construction to Closure	A, E	Prior to discharge or transfer of water	N/A – facility not commissioned
BRP-49	Regulated Monitoring	MLA Temporary Fuel Storage Facility (representative of collected water quality)	Construction	A, E	Prior to discharge or transfer of water	N/A – facility not commissioned
BRP-51	Regulated Monitoring	Goose Landfarm (representative of collected water quality)	Construction to Closure	A, E	Prior to discharge or transfer of water	N/A – facility not commissioned

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
BRP-52	General Monitoring	MLA Pond S1 (intake point for potable and industrial water withdrawal)	Construction to Closure	A, D	Once per quarter when in use	No water was withdrawn this month
				B	Weekly when in use	
BRP-53	General Monitoring	MLA Pond S2 (intake point for potable and industrial water withdrawal)	Construction to Closure	A, D	Once per quarter when in use	No water was withdrawn this month
				B	Weekly when in use	
BRP-54	General Monitoring	MLA Lake 3 (intake point for potable and industrial water withdrawal)	Construction to Closure	A, D	Once per quarter when in use	No water was withdrawn this month
				B	Weekly when in use	
BRP-55	General Monitoring	MLA Lake 4 (intake point for potable and industrial water withdrawal)	Construction to Closure	A, D	Once per quarter when in use	No water was withdrawn this month
				B	Weekly when in use	
BRP-56	General Monitoring	Llama Tailings Facility (collected at "inlet" to treatment facility pre-treatment quality)	Operations to Closure	A, G	At Licensee's discretion	N/A – facility not commissioned
BRP-57	General Monitoring	Llama Tailings Facility (after treatment; collected at "outlet" of treatment facility; no discharge to the receiving environment post-treatment quality to confirm treatment efficiency)	Operations to Closure	A, G	At Licensee's discretion	N/A – facility not commissioned

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity/Status
BRP-58a to BRP-58xx (TBD)	Regulated Monitoring	Final Discharge Point Goose Lake			As per Part F, Item 16	No discharge this month
BRP-I-01 to BRP-I-TBD	General Monitoring	Interconnection Winter Ice Road Proximal Water Bodies (intake points for fresh water used in the construction of the Interconnection Winter Ice Road and WIR Service/Emergency Camps)	Construction to Closure	B	Weekly when in use	Active. See Section 3.12

Notes: * Refers to Group Code from Water Licence 2AM-BRP1831 Schedule I Table 1.

APPENDIX B

WATER QUALITY ANALYTICAL RESULTS

Table B-1 Water Quality Data for General Seepage

Station	Unit	Lowest Detection Limit	BRP-S-03	BRP-S-05
			28-May-2026	28-May-2026
Analyte			14:00:00	14:30:00
			C631314	C631314
Alkalinity (Total as CaCO3)	mg/L	0.5	13.5	14.8
Aluminum (Al)-Dissolved	mg/L	0.003	0.054	0.0543
Aluminum (Al)-Total	mg/L	0.003	3.35	4.97
Ammonia (N)-Total	mg/L	0.005	1.8	1.5
Arsenic (As)-Dissolved	mg/L	0.0001	0.002	0.00194
Arsenic (As)-Total	mg/L	0.0001	0.00864	0.0103
Barium (Ba)-Dissolved	mg/L	0.001	0.0222	0.0206
Barium (Ba)-Total	mg/L	0.001	0.0399	0.042
Cadmium (Cd)-Dissolved	mg/L	0.00001	0.000054	0.000044
Cadmium (Cd)-Total	mg/L	0.00001	0.000043	0.000047
Calcium (Ca)-Total	mg/L	0.05	19.4	22.1
Chloride (Cl)-Dissolved	mg/L	0.5	9.4	13
Chromium (Cr)-Dissolved	mg/L	0.001	0.001	0.001
Chromium (Cr)-Total	mg/L	0.001	0.0076	0.0116
Conductivity	µS/cm	1	287	325
Copper (Cu)-Dissolved	mg/L	0.0002	0.00249	0.00285
Copper (Cu)-Total	mg/L	0.0005	0.0107	0.0137
Cyanide (CN)-Free	mg/L	0.0005	0.00081	0.00069
Cyanide (CN)-Strong Acid Dissoc	mg/kg	0.0005	0.00138	0.00143
Cyanide (CN)-Weak Acid Dissoc	mg/kg	0.0005	0.00095	0.00078
Field Temperature	ºC	-	12.3	8
Fluoride (F)	mg/L	0.01	0.057	0.062
Hardness (CaCO3)-Total	mg/L	0.5	118	132
Iron (Fe)-Dissolved	mg/L	0.005	0.133	0.107
Iron (Fe)-Total	mg/L	0.01	5.92	8.61
Lead (Pb)-Dissolved	mg/L	0.0002	0.0002	0.0002
Lead (Pb)-Total	mg/L	0.0002	0.00241	0.00268
Magnesium (Mg)-Total	mg/L	0.05	16.9	18.8
Manganese (Mn)-Dissolved	mg/L	0.001	0.274	0.249
Manganese (Mn)-Total	mg/L	0.001	0.306	0.295
Mercury (Hg)-Dissolved	mg/L	0.0000019	0.0000019	0.0000019
Mercury (Hg)-Total	mg/L	0.0000019	0.0000038	0.0000036
Molybdenum (Mo)-Dissolved	mg/L	0.001	0.001	0.001
Molybdenum (Mo)-Total	mg/L	0.001	0.001	0.001
Nickel (Ni)-Dissolved	mg/L	0.001	0.0142	0.0169
Nickel (Ni)-Total	mg/L	0.001	0.0223	0.0286

Nitrate (as N)	mg/L	0.4	7.2	6.9
Nitrite (as N)	mg/L	0.001	0.074	0.049
Organic Carbon (C)-Dissolved	mg/L	0.2	4.4	4.1
pH	pH Units	-	6.69	6.8
pH-Field	pH	-	6.75	6.83
Phosphorus (P)-Total	mg/L	0.001	0.075	0.072
Potassium (K)-Total	mg/L	0.05	6.72	7.17
Selenium (Se)-Dissolved	mg/L	0.0001	0.00031	0.00033
Selenium (Se)-Total	mg/L	0.0001	0.00027	0.00027
Silicon (Si)-Dissolved	mg/L	0.1	1.29	1.46
Silicon (Si)-Total	mg/L	0.1	5.99	8.11
Sodium (Na)-Total	mg/L	0.05	2.47	2.63
Strontium (Sr)-Dissolved	mg/L	0.001	0.0553	0.0629
Strontium (Sr)-Total	mg/L	0.001	0.058	0.064
Sulphate (SO4)-Dissolved	mg/L	0.5	78	89
Thallium (Tl)-Dissolved	mg/L	0.00001	0.000015	0.000023
Thallium (Tl)-Total	mg/L	0.00001	0.000026	0.000029
Total Dissolved Solids Calculated	mg/L	10	170	200
Total Dissolved Solids Measured	mg/L	10	190	210
Total Suspended Solids	mg/L	1	60	100
Turbidity	NTU	0.1	82	140
Un-Ionized Ammonia	mg/L	0.0005	0.0023	0.0016
Uranium (U)-Dissolved	mg/L	0.0001	0.0001	0.0001
Uranium (U)-Total	mg/L	0.0001	0.0003	0.00042
Zinc (Zn)-Dissolved	mg/L	0.005	0.005	0.005
Zinc (Zn)-Total	mg/L	0.005	0.033	0.0421

Table B-2 Water Quality Monitoring Results for Goose Treated Sewage Discharge (BRP-17)

Station	Unit	Lowest Detection Limit	Permit Limit (Maximum Average Concentration)	BRP-17
				5/26/2026
Analyte				12:55 PM
				C630842
Ammonia (N)-Total	mg/L	0.025		8.90
Ammonia (NH_3-N)	mg/L	0.0005	4[a], 8[b]	0.011
Conductivity	µS/cm	1		206.00
Total Oil and Grease	mg/L	2	No Visible Sheen	4.00
pH	pH Units	-	Between 6.0 & 9.5	7.13
pH-Field	pH	-	Between 6.0 & 9.5	6.92
Phosphorus (P)-Total	mg/L	0.005	4[a], 8[b]	0.31
Total Dissolved Solids_Measured	mg/L	10	35.0	92.00
Field Temperature	°C	-		7.60
Turbidity	NTU	0.1		14.00
Total Coliform (CFU/100 mL)	mg/L		1000	
BOD_5	mg/L		30	

Notes: [a]Maximum average concentration; [b]Maximum concentration of any grab sample

Table B-3 Water Quality Data for Llama Watershed Outflow (BRP-18)

Station	Unit	Lowest Detection Limit	BRP-18
			27-May-2026
Analyte			15:45:00
			C631060
Alkalinity (Total as CaCO3)	mg/L	0.5	8.58
Aluminum (Al)-Dissolved	mg/L	0.003	0.046
Aluminum (Al)-Total	mg/L	0.003	0.152
Ammonia (N)-Total	mg/L	0.005	1.2
Arsenic (As)-Dissolved	mg/L	0.0001	0.00213
Arsenic (As)-Total	mg/L	0.0001	0.00312
Barium (Ba)-Dissolved	mg/L	0.001	0.0075
Barium (Ba)-Total	mg/L	0.001	0.008
Cadmium (Cd)-Dissolved	mg/L	0.00001	0.0001
Cadmium (Cd)-Total	mg/L	0.00001	0.000086
Calcium (Ca)-Total	mg/L	0.05	2.66
Chloride (Cl)-Dissolved	mg/L	0.5	3.7
Chromium (Cr)-Dissolved	mg/L	0.001	0.001
Chromium (Cr)-Total	mg/L	0.001	0.001
Conductivity	µS/cm	1	56.8
Copper (Cu)-Dissolved	mg/L	0.0002	0.0059
Copper (Cu)-Total	mg/L	0.0005	0.00579
Cyanide (CN)-Free	mg/L	0.0005	0.0005
Cyanide (CN)-Strong Acid Dissoc._Solid	mg/kg	0.0005	0.00101
Cyanide (CN)-Weak Acid Dissoc._Solid	mg/kg	0.0005	0.00064
Field Temperature	ºC	-	3.6
Fluoride (F)	mg/L	0.01	0.025
Hardness (CaCO3)-Total	mg/L	0.5	13.4
Iron (Fe)-Dissolved	mg/L	0.005	0.079
Iron (Fe)-Total	mg/L	0.01	0.351
Lead (Pb)-Dissolved	mg/L	0.0002	0.0002
Lead (Pb)-Total	mg/L	0.0002	0.00023
Magnesium (Mg)-Total	mg/L	0.05	1.64
Manganese (Mn)-Dissolved	mg/L	0.001	0.0023
Manganese (Mn)-Total	mg/L	0.001	0.0045
Mercury (Hg)-Dissolved	mg/L	0.0000019	0.0000044
Mercury (Hg)-Total	mg/L	0.0000019	0.0000051
Molybdenum (Mo)-Dissolved	mg/L	0.001	0.001
Molybdenum (Mo)-Total	mg/L	0.001	0.001
Nickel (Ni)-Dissolved	mg/L	0.001	0.0069
Nickel (Ni)-Total	mg/L	0.001	0.0068
Nitrate (as N)	mg/L	0.04	0.36

Nitrite (as N)	mg/L	0.001	0.0024
Organic Carbon (C)-Dissolved	mg/L	0.2	5.4
pH	pH Units	-	6.59
pH-Field	pH	-	6.39
Phosphorus (P)-Total	mg/L	0.001	0.018
Potassium (K)-Total	mg/L	0.05	1.46
Selenium (Se)-Dissolved	mg/L	0.0001	0.0001
Selenium (Se)-Total	mg/L	0.0001	0.0001
Silicon (Si)-Dissolved	mg/L	0.1	0.42
Silicon (Si)-Total	mg/L	0.1	0.63
Sodium (Na)-Total	mg/L	0.05	1.97
Strontium (Sr)-Dissolved	mg/L	0.001	0.0108
Strontium (Sr)-Total	mg/L	0.001	0.0116
Sulphate (SO4)-Dissolved	mg/L	0.5	10
Thallium (Tl)-Dissolved	mg/L	0.00001	0.00001
Thallium (Tl)-Total	mg/L	0.00001	0.00001
Total Dissolved Solids_Calculated	mg/L	10	31
Total Dissolved Solids_Measured	mg/L	10	52
Total Suspended Solids	mg/L	1	3.3
Turbidity	NTU	0.1	4.1
Un-Ionized Ammonia	mg/L	0.0005	0.0005
Uranium (U)-Dissolved	mg/L	0.0001	0.0001
Uranium (U)-Total	mg/L	0.0001	0.0001
Zinc (Zn)-Dissolved	mg/L	0.005	0.0085
Zinc (Zn)-Total	mg/L	0.005	0.0093

Notes: Underlined values in blue were equal or below the detection limit. Values are shown as the detection limit

Table B-4 Water Quality Monitoring Data for Echo Non-Contact Water (BRP-19)

Station	Unit	Lowest Detection Limit	BRP-19
			27-May-2026
Analyte			16:20:00
			C631060
Alkalinity (Total as CaCO3)	mg/L	0.5	4.16
Aluminum (Al)-Dissolved	mg/L	0.003	0.0842
Aluminum (Al)-Total	mg/L	0.003	0.621
Ammonia (N)-Total	mg/L	0.005	0.05
Arsenic (As)-Dissolved	mg/L	0.0001	0.00485
Arsenic (As)-Total	mg/L	0.0001	0.0099
Barium (Ba)-Dissolved	mg/L	0.001	0.0149
Barium (Ba)-Total	mg/L	0.001	0.0192
Cadmium (Cd)-Dissolved	mg/L	0.00001	0.000011
Cadmium (Cd)-Total	mg/L	0.00001	0.000023
Calcium (Ca)-Total	mg/L	0.05	5.48
Chloride (Cl)-Dissolved	mg/L	0.5	13
Chromium (Cr)-Total	mg/L	0.001	0.0016
Conductivity	µS/cm	1	69.2
Copper (Cu)-Dissolved	mg/L	0.0002	0.00182
Copper (Cu)-Total	mg/L	0.0005	0.00339
Cyanide (CN)-Free	mg/L	0.0005	0.0005
Cyanide (CN)-Strong Acid Dissoc._Solid	mg/kg	0.0005	0.00069
Cyanide (CN)-Weak Acid Dissoc._Solid	mg/kg	0.0005	0.0005
Field Temperature	°C	-	5.9
Fluoride (F)	mg/L	0.01	0.029
Hardness (CaCO3)-Total	mg/L	0.5	30.6
Iron (Fe)-Dissolved	mg/L	0.005	0.172
Iron (Fe)-Total	mg/L	0.01	1.28
Lead (Pb)-Dissolved	mg/L	0.0002	0.0002
Lead (Pb)-Total	mg/L	0.0002	0.00057
Magnesium (Mg)-Total	mg/L	0.05	4.12
Manganese (Mn)-Dissolved	mg/L	0.001	0.213
Manganese (Mn)-Total	mg/L	0.001	0.226
Mercury (Hg)-Dissolved	mg/L	0.0000019	0.0000019
Mercury (Hg)-Total	mg/L	0.0000019	0.0000049
Molybdenum (Mo)-Dissolved	mg/L	0.001	0.001
Molybdenum (Mo)-Total	mg/L	0.001	0.001
Nickel (Ni)-Dissolved	mg/L	0.001	0.0094
Nickel (Ni)-Total	mg/L	0.001	0.0111
Nitrate (as N)	mg/L	0.003	0.075

Nitrite (as N)	mg/L	0.001	0.001
Organic Carbon (C)-Dissolved	mg/L	0.2	5.9
pH	pH Units	-	6.39
pH-Field	pH	-	6.06
Phosphorus (P)-Total	mg/L	0.001	0.027
Potassium (K)-Total	mg/L	0.05	1.53
Selenium (Se)-Dissolved	mg/L	0.0001	0.0001
Selenium (Se)-Total	mg/L	0.0001	0.0001
Silicon (Si)-Dissolved	mg/L	0.1	0.59
Silicon (Si)-Total	mg/L	0.1	1.58
Sodium (Na)-Total	mg/L	0.05	0.766
Strontium (Sr)-Dissolved	mg/L	0.001	0.0211
Strontium (Sr)-Total	mg/L	0.001	0.0225
Sulphate (SO4)-Dissolved	mg/L	0.5	6
Total Dissolved Solids_Calculated	mg/L	10	35
Total Dissolved Solids_Measured	mg/L	10	64
Total Suspended Solids	mg/L	1	12
Turbidity	NTU	0.1	15
Un-Ionized Ammonia	mg/L	0.0005	0.0005
Uranium (U)-Dissolved	mg/L	0.0001	0.0001
Uranium (U)-Total	mg/L	0.0001	0.0001
Zinc (Zn)-Dissolved	mg/L	0.005	0.0059
Zinc (Zn)-Total	mg/L	0.005	0.0063

Notes: Underlined values in blue were equal or below the detection limit. Values are shown as the detection limit

Table B-5 Water Quality Monitoring Data for Echo Tailings Management Facility (BRP 20)

Station	Unit	Lowest Detection Limit	BRP-20	
			18-May-2026	28-May-2026
Analyte			17:10:00	10:40:00
			C628175	**C631311**
Arsenic (As)-Total	mg/L	0.0002	2.99	1.97
Conductivity	µS/cm	1	5940	4600
Copper (Cu)-Total	mg/L	0.001	1.97	1.01
Cyanide (CN)-Free	mg/L	0.25	1.83	2.38
Cyanide (CN)-Strong Acid Dissoc._Solid	mg/kg	0.25	27	19.1
Cyanide (CN)-Weak Acid Dissoc._Solid	mg/kg	0.25	1.48	2.11
Field Temperature	°C	-	0.9	2.7
Lead (Pb)-Total	mg/L	0.0004	0.00084	0.00065
Nickel (Ni)-Total	mg/L	0.002	0.0114	0.0216
pH	pH Units	-	7.52	7.55
pH-Field	pH	-	8.06	7.67
Radium 226	Bq/L	0.005	0.005	0.005
Total Suspended Solids	mg/L	1	12	10
Zinc (Zn)-Total	mg/L	0.01	0.01	0.01

Notes: Underlined values in blue were equal or below the detection limit. Values are shown as the detection limit

Table B-6 Water Quality Data for Echo Waste Rock Storage Area (WRSA) Pond (BRP-22)

Station	Unit	Lowest Detection Limit	BRP-22
			18-May-2026
Analyte			17:10:00
			C628175
Arsenic (As)-Total	mg/L	0.0001	0.0059
Conductivity	µS/cm	1	147
Copper (Cu)-Total	mg/L	0.0005	0.00416
Cyanide (CN)-Free	mg/L	0.0005	0.00268
Cyanide (CN)-Strong Acid Dissoc._Solid	mg/kg	0.0005	0.00366
Cyanide (CN)-Weak Acid Dissoc._Solid	mg/kg	0.0005	0.00264
Field Temperature	°C	-	12.5
Lead (Pb)-Total	mg/L	0.0002	0.00053
Nickel (Ni)-Total	mg/L	0.001	0.0204
pH	pH Units	-	6.29
pH-Field	pH	-	6.14
Radium 226	Bq/L	0.005	0.005
Total Suspended Solids	mg/L	1	9.3
Zinc (Zn)-Total	mg/L	0.005	0.0063

Notes: Underlined values in blue were equal or below the detection limit. Values are shown as the detection limit

Table B-7 Water Quality Data for Gander Pond Outflow (BRP-23)

Station	Unit	Lowest Detection Limit	BRP-23
			27-May-2026
Analyte			17:20:00
			C631060
Alkalinity (Total as CaCO3)	mg/L	0.5	4.16
Aluminum (Al)-Dissolved	mg/L	0.003	0.0842
Aluminum (Al)-Total	mg/L	0.003	0.621
Ammonia (N)-Total	mg/L	0.005	0.05
Arsenic (As)-Dissolved	mg/L	0.0001	0.00485
Arsenic (As)-Total	mg/L	0.0001	0.0099
Barium (Ba)-Dissolved	mg/L	0.001	0.0149
Barium (Ba)-Total	mg/L	0.001	0.0192
Cadmium (Cd)-Dissolved	mg/L	0.00001	0.000011
Cadmium (Cd)-Total	mg/L	0.00001	0.000023
Calcium (Ca)-Total	mg/L	0.05	5.48
Chloride (Cl)-Dissolved	mg/L	0.5	13
Chromium (Cr)-Total	mg/L	0.001	0.0016
Conductivity	µS/cm	1	69.2
Copper (Cu)-Dissolved	mg/L	0.0002	0.00182
Copper (Cu)-Total	mg/L	0.0005	0.00339
Cyanide (CN)-Free	mg/L	0.0005	0.0005
Cyanide (CN)-Strong Acid Dissoc._Solid	mg/kg	0.0005	0.00069
Cyanide (CN)-Weak Acid Dissoc._Solid	mg/kg	0.0005	0.0005
Field Temperature	ºC	-	5.9
Fluoride (F)	mg/L	0.01	0.029
Hardness (CaCO3)-Total	mg/L	0.5	30.6
Iron (Fe)-Dissolved	mg/L	0.005	0.172
Iron (Fe)-Total	mg/L	0.01	1.28
Lead (Pb)-Dissolved	mg/L	0.0002	0.0002
Lead (Pb)-Total	mg/L	0.0002	0.00057
Magnesium (Mg)-Total	mg/L	0.05	4.12
Manganese (Mn)-Dissolved	mg/L	0.001	0.213
Manganese (Mn)-Total	mg/L	0.001	0.226
Mercury (Hg)-Dissolved	mg/L	0.0000019	0.0000019
Mercury (Hg)-Total	mg/L	0.0000019	0.0000049
Molybdenum (Mo)-Dissolved	mg/L	0.001	0.001
Molybdenum (Mo)-Total	mg/L	0.001	0.001
Nickel (Ni)-Dissolved	mg/L	0.001	0.0094

Nickel (Ni)-Total	mg/L	0.001	0.0111
Nitrate (as N)	mg/L	0.003	0.075
Nitrite (as N)	mg/L	0.001	0.001
Organic Carbon (C)-Dissolved	mg/L	0.2	5.9
pH	pH Units	-	6.39
pH-Field	pH	-	6.06
Phosphorus (P)-Total	mg/L	0.001	0.027
Potassium (K)-Total	mg/L	0.05	1.53
Selenium (Se)-Dissolved	mg/L	0.0001	0.0001
Selenium (Se)-Total	mg/L	0.0001	0.0001
Silicon (Si)-Dissolved	mg/L	0.1	0.59
Silicon (Si)-Total	mg/L	0.1	1.58
Sodium (Na)-Total	mg/L	0.05	0.766
Strontium (Sr)-Dissolved	mg/L	0.001	0.0211
Strontium (Sr)-Total	mg/L	0.001	0.0225
Sulphate (SO4)-Dissolved	mg/L	0.5	6
Total Dissolved Solids_Calculated	mg/L	10	35
Total Dissolved Solids_Measured	mg/L	10	64
Total Suspended Solids	mg/L	1	12
Turbidity	NTU	0.1	15
Un-Ionized Ammonia	mg/L	0.0005	0.0005
Uranium (U)-Dissolved	mg/L	0.0001	0.0001
Uranium (U)-Total	mg/L	0.0001	0.0001
Zinc (Zn)-Dissolved	mg/L	0.005	0.0059
Zinc (Zn)-Total	mg/L	0.005	0.0063

Notes: Underlined values in blue were equal or below the detection limit. Values are shown as the detection limit

Table B-8 Water Quality Data for Bathurst Inlet Intake (BRP-40)

Station	Unit	Lowest Detection Limit	BRP-40
			05-May-2026
Analyte			07:20:00
			C625265
Alkalinity (Total as CaCO3)	mg/L	0.5	122
Aluminum (Al)-Dissolved	mg/L	0.03	0.03
Aluminum (Al)-Total	mg/L	0.15	0.15
Ammonia (N)-Total	mg/L	0.005	0.29
Arsenic (As)-Dissolved	mg/L	0.001	0.0018
Arsenic (As)-Total	mg/L	0.005	0.005
Barium (Ba)-Dissolved	mg/L	0.01	0.012
Barium (Ba)-Total	mg/L	0.05	0.05
Cadmium (Cd)-Dissolved	mg/L	0.0001	0.0001
Cadmium (Cd)-Total	mg/L	0.0005	0.0005
Calcium (Ca)-Total	mg/L	2.5	327
Chloride (Cl)-Dissolved	mg/L	100	15000
Chromium (Cr)-Dissolved	mg/L	0.01	0.01
Chromium (Cr)-Total	mg/L	0.05	0.05
Conductivity	µS/cm	1	43400
Copper (Cu)-Dissolved	mg/L	0.002	0.002
Copper (Cu)-Total	mg/L	0.025	0.025
Fluoride (F)	mg/L	0.01	0.756
Hardness (CaCO3)-Total	mg/L	0.5	4540
Iron (Fe)-Dissolved	mg/L	0.05	0.05
Iron (Fe)-Total	mg/L	0.5	0.5
Lead (Pb)-Dissolved	mg/L	0.002	0.002
Lead (Pb)-Total	mg/L	0.01	0.01
Magnesium (Mg)-Total	mg/L	2.5	904
Manganese (Mn)-Dissolved	mg/L	0.01	0.01
Manganese (Mn)-Total	mg/L	0.05	0.05
Mercury (Hg)-Dissolved	mg/L	0.0000019	0.0000019
Mercury (Hg)-Total	mg/L	0.0000019	0.0000019
Molybdenum (Mo)-Dissolved	mg/L	0.01	0.01
Molybdenum (Mo)-Total	mg/L	0.05	0.05
Nickel (Ni)-Dissolved	mg/L	0.01	0.01
Nickel (Ni)-Total	mg/L	0.05	0.05
Nitrate (as N)	mg/L	0.3	0.3
Nitrite (as N)	mg/L	0.001	0.001
Organic Carbon (C)-Dissolved	mg/L	4	79

pH	pH Units	-	7.5
pH-Field	pH	-	7.6
Phosphorus (P)-Total	mg/L	0.001	0.12
Potassium (K)-Total	mg/L	2.5	305
Selenium (Se)-Dissolved	mg/L	0.001	0.001
Selenium (Se)-Total	mg/L	0.005	0.005
Silicon (Si)-Dissolved	mg/L	1	1
Silicon (Si)-Total	mg/L	5	5
Sodium (Na)-Total	mg/L	2.5	8040
Strontium (Sr)-Dissolved	mg/L	0.01	6.75
Strontium (Sr)-Total	mg/L	0.05	7.09
Sulphate (SO4)-Dissolved	mg/L	13	2500
Thallium (Tl)-Dissolved	mg/L	0.0001	0.0001
Thallium (Tl)-Total	mg/L	0.0005	0.0005
Total Dissolved Solids_Calculated	mg/L	100	28000
Total Dissolved Solids_Measured	mg/L	25	
Total Suspended Solids	mg/L	1	1
Turbidity	NTU	0.1	0.1
Un-Ionized Ammonia	mg/L	0.0005	0.00088
Uranium (U)-Dissolved	mg/L	0.001	0.003
Uranium (U)-Total	mg/L	0.005	0.005
Zinc (Zn)-Dissolved	mg/L	0.05	0.05
Zinc (Zn)-Total	mg/L	0.25	0.25

Notes: Underlined values in blue were equal or below the detection limit. Values are shown as the detection limit

Table B-9 Water Quality Data for Bathurst Inlet Discharge (BRP-41)

Station	Unit	Lowest Detection Limit	BRP-41
			05-May-2026
Analyte			07:20:00
			C625265
Aluminum (Al)-Total	mg/L	0.15	0.15
Arsenic (As)-Total	mg/L	0.005	0.005
Barium (Ba)-Total	mg/L	0.05	0.05
Cadmium (Cd)-Total	mg/L	0.0005	0.0005
Chromium (Cr)-Total	mg/L	0.05	0.05
Conductivity	µS/cm	1	45500
Copper (Cu)-Total	mg/L	0.025	0.025
Field Temperature	°C	-	0.3
Iron (Fe)-Total	mg/L	0.5	0.5
Lead (Pb)-Total	mg/L	0.01	0.01
Manganese (Mn)-Total	mg/L	0.05	0.05
Molybdenum (Mo)-Total	mg/L	0.05	0.05
Nickel (Ni)-Total	mg/L	0.05	0.05
pH	pH Units	-	7.8
pH-Field	pH	-	7.6
Phosphorus (P)-Total	mg/L	0.001	0.15
Salinity (PSU)	psu	2	30
Selenium (Se)-Total	mg/L	0.005	0.005
Silicon (Si)-Total	mg/L	5	5
Strontium (Sr)-Total	mg/L	0.05	7.68
Total Oil and Grease	mg/L	2	4
Total Suspended Solids	mg/L	1	1
Uranium (U)-Total	mg/L	0.005	0.005
Zinc (Zn)-Total	mg/L	0.25	0.25

Notes: Underlined values in blue were equal or below the detection limit. Values are shown as the detection limit