GOOSE PROJECT

JULY 2026 MONTHLY REPORT FOR WATER LICENCE 2AM-BRP1831

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August 26, 2026

REFERENCE
Version 1.0



GOOSE PROJECT

July 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 monitoring programs 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 did not identify any non-compliance with the regulated discharge parameters specified under Part D, Items 21 and 26, and Part F, Items 4, 6, 12, 21, and 26 of the Licence, with the exception of pH. The relative low pH (5.95) reported in the laboratory data for BRP-01 on July 28th does not represent the intrinsic value as the field pH (6.6) is within the required threshold. Acute toxicity samples collected at BRP-01 on July 28th showed zero mortality for both Rainbow Trout and Daphnia Magna. A few analytical results are still pending at the time of report submission.

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) ᐱᔨᑌᐊᖅᑐᑎᑕᐅᓕᐅᖅᓴᖅ ᐃᓕᑭᔨᐅᓪᓚᓂ ᐃᓕᓴᒃᑖ I, ᓇᓴᐅᑎ 18 ᐃᒪᖏᑦ ᓕᐃᔨᓯᓂ 2AMBRP1831 (ᐊᑦᑭᑭᐊᑭᑦ ᓇᓴᐅᑦ 1) (ᐱᔪᓇᐅᑎ) ᑐᓂᓯᔨᑌᐊᖅᑲᓇᑐ ᑕᖅᑭᑕᒪᖅᓯᐅᑎᒥᐅ ᖃᐅᔨᓴᖅᐸᓪᓕᐊᓂᖏᑦ ᐅᓂᐅᒥᐅ ᓄᓇᕗᓴᒥ ᐃᒪᓕᑌᔨᔪᑦ ᑲᑎᒪᔨᐅᑭᓂᓄᑦ ᐅᓪᓚᓂ 30 ᐃᓗᐊᓂ ᑕᖅᑭᖅ ᐅᓂᓚᐅᓯᐅᑎᖅᑎᓪᓗᒍ.

B2Gold ᖃᐅᔨᓴᐃᓇᖅᑕᓕᐅᖅᑐᑦ ᒪᓕᓚᒋᑎᓚ ᐃᓕᓴᒃᑖ I, 4 ᐊᑐᑌᐊᓕᓇᓂᓂᑦ. ᖃᐅᔨᓴᒪᓚᓴᑦ ᑲᑎᑕᐅᓯᐊᐅᑎᖅᑐᑦ ᐃᓕᓴᕐᓂᑲᐅᓕᐅᖅᑐᑦ ᐃᓕᓴᕐᓇᖅᐳᓪᓚᑦ ᖃᐅᔨᓴᖅᑎᒃᓚᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᐊᖏᒪᑕ ᒪᓕᓪᓗᑎᓚ ᐃᓕᓴᒃᑖ I, 17–Γ ᐊᑐᑌᐊᓕᓇᒥᑦ. ᖃᐅᔨᓴᖅᓯᓂᑦ ᐱᓕᑌᐊᖏᓕᐅᖅᑐᑦ ᒪᓕᓚᒋᖅᓴᓂ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑎᑕ ᒪᓕᓚᒋᑎᓚ ᐃᓕᓴᒃᑖ I, 17–Γ ᐊᑐᑌᐊᓕᓇᒥᑦ. ᐱᐅᓂᓯᓂᑦ ᖃᐅᔨᓴᖅᑎᒃᓚᑦ ᒪᓕᓚᒋᖅᓴᓂ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑎᒥᐅᑦ ᓇᓗᓇᐃᔨᖅᑕᐅᓯᒪᔪᓂᑦ ᐄᓇᓇᓕᐅᓪᓚᓂ ᑎᑎᕆᖅᓯᒪᓕᖅᑎᑕᐅᓂᐊᒥ ᐅᑯᓇᓂ, "ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᖅᓯᓂᓴᑦ ᐃᒪᖏᑦ ᐊᑐᐃᓐᖅᓯᒪᔪᒥᑲ ᐃᒪᖏᑦ" ᐊᓯᖅᑎᑎᒍᓪᓚᓇᓂᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᓗᓂᑦ ᐊᖅᑎᑦᑕᐅᓯᒪᔪᓂᑦ ᖃᐅᔨᓴᖅᑎᒍᑦ ᖃᐅᔨᓴᖅᑎᒍᑦ ᒪᓕᒍᓪᓚᓂᑦ ᐃᓕᓴᒃᑖ I, 16–Γ ᐊᑐᖅᑕᐅᑲᑌᐊᓕᖅᑎᑦ. ᐱᐅᓂᖅᓯᓂᑦ ᖃᐅᔨᓴᖅᓂᖅᓂᑦ ᐱᐅᓪᓚᑲ ᐊᐅᓪᓚᓂᖅᓴᒪᑦ ᐊᑐᖅᑕᐅᓕᐅᖅᑐᑦ ᖃᐅᔨᓴᖅᓂᐊᓕᓪᓚᓂᑦ ᒪᓕᓚᒋᖅᓴᓂ ᐃᓕᓴᒃᑖ B–Γᑦ, 14–Γᑦ ᐊᑐᑌᐊᓕᓇᖅᑎᑦ.

ᖃᐅᔨᓴᐅᔪᓂᑦ ᖃᐅᔨᓯᐊᖃᑕᓂᕐᓂᒪᑦ ᐱᓕᑌᐊᒥᑦ ᓇᓗᓇᐃᖅᓯᓕᐅᖅᓯᑎᑦᑐᑦ ᒪᓕᖅᓯᓄᓂᐅᔪᓂᑦ ᐊᐅᓕᑕᐅᔪᓂᑦ ᑯᓘᑎᓂᐅᔪᓂᑦ ᐃᓕᓴᒃᑖ D, ᓇᓴᐅᑎᑦ 21 ᐊᓴᒪ 26, ᐊᓴᒪ ᐃᓕᓴᒃ F, ᓇᓴᐅᑎᑦ 4, 6, 12, 21, ᐊᓴᒪ 26 ᐱᔪᓇᐅᑎᒥ, ᐱᖅᓯᓕᒍ pH. ᐊᑦᑎᑦᑐᒋᑦᑐᖅ pH (5.95) ᐅᓂᖃᐅᔨᓯᓕᐅᖅᑐᖅ ᖃᐅᔨᓴᖅᑎᒃᓚᑦ ᑎᑎᕆᖅᓯᒪᔪᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᓯᓂ BRP-01-ᒧᑦ ᔪᓕᐃ 28-Γ ᑭᓱᖅᑐᐃᖅᓯᓕᖅ ᐃᓗᓕᔪᓕᓪᓕᒋᓂᑦ ᐃᓂᒥ pH (6.6) ᐃᓗᐊᓂᓂᖅᓱᓇᓂᑦ ᐱᔨᐅᓇᐊᓕᓕᖅᑎ ᑭᓱᓕᑎᐅᔨᔪᓕ. ᑐᑦᓯᓇᖅᑐᑦ ᖃᐅᔨᓴᖅᓱᖅᑎᑦ ᑎᑎᕆᐅᔪᓕᑦ BRP-01-Γ ᔪᓕᐃ 28-Γ ᑕᓯᖅᑎᐅᑎᓕᐅᖅᓴᑦ ᑐᑦᓯᔪᖅᓕᐅᖅᓯᖅᑐᓂᓱᓂᖅ ᑕᒪᐃᓇᐅᓂ ᐃᓇᑦᓗᓂ ᐊᓴᒪ Daphnia Magna-ᒧᑦ. ᖃᖅᓱᓇᓇᐃᑦ ᖃᐅᔨᓴᖅᑕᐅᔪᑦ ᓭᓂ ᐅᑕᖅᑭᔪᑦ ᐅᓂᓚᐅᓕᐊᖅ ᑐᓂᓯᔨᑌᐊᖅᑐᑦ.

B2Gold ᐊᖏᖅᓭᒪᔪᑦ ᖃᐅᔨᓴᐃᓇᓕᒪᓚᓂᑦ ᐱᔨᑌᐊᖅᑎᑕᐅᔪᖅ ᐃᓕᓴᒃᑖ I, ᓇᓴᐅᑎᖏᓚ 4. ᑕᖅᑭᑕᒪᖅᓯᐅᑦ ᐅᓂᓚᐅᓕᐊᖅ ᑐᓂᓯᔨᑌᐊᖅᑐᑦ ᐅᓪᓚᓂ 30 ᐊᓂᔪᓕᐅᖅᓯᖏᓂᓂᖏᓂ ᑕᖅᑭᖅ ᐅᓂᓚᐅᓯᐅᑎᖅᑎᓪᓗᒍ.

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, Item 4 pitquyauhimayuni. 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.

Tamna naunairutikhangit munagidjutikharnik havaaqhangit ilitagiyaungitun kituliqaak aulangitun talvani malikhautikharnik kuvinikkut kiklivikhangit naunaiyagiikhimayut talvani Ilangani Dmi, Hunavaluit 21mi 26milu, uvanilu Ilangani Fmi, Hunavaluit 4, 6, 12, 21, 26milu talvani Laisikharnik, kihiani tamna pH. Mikitqiyauyuq pH (5.95) uqaqtauyuq naunaiyaivikmi nampangit uumunnga BRP-01 July 28-mi pipkaidjutingittuq ilumuuqtumik nampanga taimaa havakvikmi pH (6.6) iluaniinmat ihariagiyauyumut kiklikhanganut. Akhut puisiqnaqtut uuktuutit katitiqtauyut uvani BRP-01 uvani Taaqhivaliavia 28mi tautungnaqtut tuqungitut tamangnun Ihuuraqyuit uvalu Daphnia Magna. Ikitut ihivgiugutit qanuginiit huli utaqqiyauyut uniudjutit tuyuqtauniinun.

B2Gold havakhimaarniaqtun aulahimaarniaqtun munagidjutikharnik atuqtakharnik talvani Ilangani I, Naunaitkut 4mi. 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 et 26 de la Partie D, ainsi que des articles 4, 6, 12, 21 et 26 de la Partie F de sa Licence d'eau sauf ceux du pH. Le pH relativement bas (5,95) enregistré dans les données de laboratoire pour BRP-01 le 28 juillet ne représente pas la valeur intrinsèque puisque le pH sur le terrain (6,6) est dans les limites requises. Les échantillons de toxicité aiguë prélevées à BRP-01 le 28 juillet n'ont montré aucune mortalité ni pour la Truite ni pour la Daphnie. Quelques résultats analytiques sont encore en attente au moment de la soumission du rapport.

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 AKMLA
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 Allen Kopolak Marine Laydown Area or 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. 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.

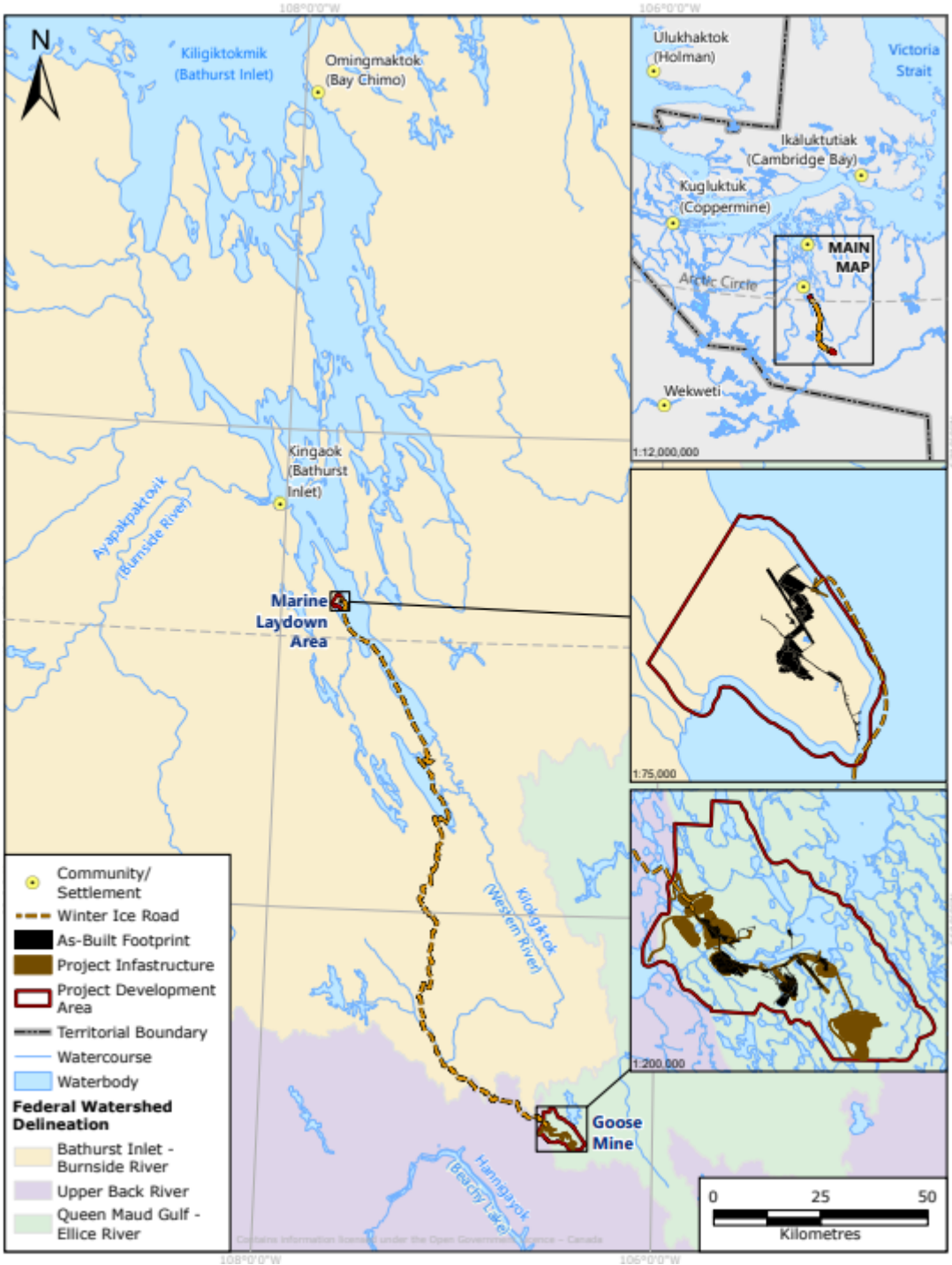


Figure 1: Goose Project Overview

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, 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	**32,630.8**
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

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

Approximately **73,022 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 receiving environment is **4,868 m^3**. The estimated volumes of greywater released this month are present in Table 2-2.

Table 2-2: Estimated Volumes of Greywater Released for July 2026

Locations	Volume (m^3)	Destination
AKMLA	**192**	Tundra
AKMLA Forward Camp	**0**	Tundra
Goose Forward Camp	**0**	Tundra

Note:
Greywater estimates for Table 2-2 are approximate due to the lack of, or insufficient flowmeters. Flow meters have been purchased and will be installed once they have arrived at site. 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 **78 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 **38,499 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.

Table 2-3: Dewatering Volumes Discharged to Goose Lake

Locations	Volume (m^3)	Destination
Llama Lake (BRP-02)	**265,621**	Goose Lake
Umwelt Lake (BRP-06)	**147,929**	Goose Lake
Note: An error was noted in the June report for Total volume of dewatering volume. The report noted the volume to be 20,740,253 m^3. The corrected volume after careful review of the provided data resulted in a corrected monthly volume of 454,355 m^3		

The dewatering volumes from Llama Lake and Umwelt Lake for the month is approximately **413,550 m^3** and discharged through BRP-01 into Goose Lake.

The quantity of waste rock placed and stored at each WRSA, and other locations approved by the Board are presented in Table 2-4.

Table 2-4: Quantity of Waste Rock Placed and Stored

Location	Volume this Month (tonnes)	Cumulative Volume (tonnes)
Echo WRSA	0	4,749,968
Umwelt WRSA	718,660	7,458,660

Dry tonnes of tailings placed in the Echo Tailings Facility this month is approximately **55,036 m^3**. A total of **291,818 tonnes** of ore was stockpiled, and **45,317 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 6) this month is approximately **941 m^3**. The current cell (cell 6) situated within the Umwelt WRSA. No material was placed in either the Goose (BRP-51) or MLA (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. Seeps were not observed to be flowing in July.

3.2 BRP-01 Goose Lake Discharge

Dewatering activities began during June's reporting period. The volume of water discharged to Goose Lake during the reporting period is provided in Section 2-3. Water samples were collected and analyzed for toxicity and geochemical parameters as per Schedule I requirements. The geochemistry results are below the applicable criteria (Table B-1, Appendix B) except for pH. The relative low pH (5.95) reported in the laboratory data for BRP-01 on July 28th does not represent the intrinsic value as the field pH (6.6) is within the required threshold. The results for the Acute toxicity sample results are below the applicable criteria (Table B-1, Appendix B and Appendix C). At the time of submitting this monthly report, B2Gold are still awaiting the results of the Chronic Toxicity testing and Radium-226 analyses from the laboratory.

3.3 BRP-10 Primary Water Pond

Two samples were collected from the Primary Water Pond and analyzed as per Schedule I requirements. Analytical results indicate no exceedances of applicable criteria. The results are provided in Table B-2 (Appendix B).

3.4 BRP-17 Goose Property Sewage Treatment Plant

The Goose Sewage Treatment Plant (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. Two samples were collected from regulated monitoring location BRP-17 during the reporting period and analyzed as per Schedule I requirements. Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-3 (Appendix B).

3.5 BRP-18 Llama Watershed Outflow

One sample was collected from the Llama Watershed Outflow into Goose Lake (BRP-18) and analyzed as per Schedule I requirements. Analytical results indicate no exceedances of applicable criteria. The results are provided in Table B-4 (Appendix B).

3.6 BRP-20 Echo Tailings Facility

Three samples were collected from the Echo Tailings Facility (BRP-20), also known as Echo Pit, and analyzed as per Schedule I requirements. Currently there are no plans to discharge this water to the receiving environment. The results are provided in Table B-5 (Appendix B). At the time of report submission, the Radium-226 analytical results had not yet been received from the laboratory.

3.7 BRP-23 Gander Pond Outflow

One sample was collected from the Gander Pond Outflow into Goose Lake (BRP-23) and analyzed as per Schedule I requirements. Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-6 (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-30 Goose Southeast Inflow

One sample was collected from the Goose Southeast Inflow. Analytical results indicate no exceedances of applicable criteria at this location. The results are provided in Table B-7 (Appendix B).

3.10 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 and analyzed as per Schedule I requirements. 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). The flow meters/totalizers for the desalination plant stopped working in June. New flow/totalizers for the desalination have been ordered and will be installed once they are received. Analysis for total, free, and weak acid dissociable (WAD) cyanide at station BRP-40 was inadvertently omitted due to an administrative oversight. Corrective measures have been implemented to ensure all required parameters are captured in future sampling events.

3.11 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).

3.12 BRP-I Interconnection WIR Proximal Water Bodies

No water was used for the construction of the interconnection Winter Ice Road (WIR) and /or for WIR service/emergency camps this month.

APPENDIX A: MONITORING ACTIVITY OVERVIEW BY STATION

Table A-1: Monitoring Activity Overview by Station for June 2026

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
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 3.1 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	Active. See section 3.2 and Appendix B.
				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 same time as Group D	

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
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	Active, dewatering initiated in June.
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	Active, dewatering initiated in June.
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	N/A – 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

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
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	Active. See Section 3.3 and Appendix B.
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	Active. See Section 3.4 and Appendix B.
BRP-14	Verification Monitoring	ANFO Plant (representative of collected water quality)	Construction to Closure	A, E	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	N/A – 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	Construction to Closure	A, F	Monthly	Active. See Section 3.4 and Appendix B.

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
		prior to the point of entry into freshwater)				
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	N/A – no STP discharge to the TSF or TF
BRP-17B	Regulated Monitoring	AKMLA Sewage Treatment Plant (treated sewage discharge/drainage immediately prior to the point of entry into freshwater)	Construction to Closure*	A, F	Monthly	N/A – facility not commissioned
BRP-18	General Monitoring	Llama Watershed Outflow (representative of non-contact water, PN04 from Water and Load Balance)	Operations Stage 1 to Closure	A, D	Once during freshet and monthly during upstream construction while visible flow is present at the stations	Active. See Section 3.5 and Appendix B.
BRP-19	General Monitoring	Echo Outflow (representative of non-contact water). PN09 from water and load balance	Operations Stage 1 to Closure	A, D	Once during freshet and monthly during upstream construction while visible flow is present at the stations	N/A - Sample site had no flow.
BRP-20	Verification Monitoring	Echo Pit (representative of collected pit water prior to transfer to tailings management facility)	Operations Stage 2	A, G	At Licensee's discretion	Active. See Section 3.7 and Appendix B.

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
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	N/A - Sample site had no flow.
BRP-23	General Monitoring	Gander Pond Outflow (representative of non-contact water, PN07 from Water and Load Balance)	Operations Stage 1 to Closure	A, D	Once during freshet and monthly during upstream construction while visible flow is present at the stations	Active. See Section 3.9 and Appendix B.
BRP-24	General Monitoring	Goose Lake Intake (intake point for potable and industrial water withdrawal)	Operations Stage 1 to Closure (early)	B	Weekly	Active. See Section 3.10 and Appendix B.
BRP-25	Verification Monitoring	Goose 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-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 – mine phase
BRP-27	Verification Monitoring	Goose Main Tailings Facility (intake point for water treatment,	Operations Stage 3 to Closure	A, G	At Licensee's discretion	N/A – mine phase

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
		represents pre- treatment water quality)				
BRP-28	Verification Monitoring	Goose Main Tailings Facility (discharge point for water treatment, represents post-treatment water quality)	Operations Stage 3 to Closure	A, G	At Licensee's discretion	N/A – mine phase
BRP-29	Verification Monitoring	TSF WRSA Pond (representative of collected water quality, including landfill seepage/runoff)	Operations Stage 1 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 Stage 1 to Closure	A, D	Once during freshet	Active. See Section 3.11 and Appendix B.
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 3.12and 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 3.13 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	Active. See Section 3 and Appendix B
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	N/A – 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

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
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 – no discharge this month
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
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	N/A – 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	N/A – 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	N/A – 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	N/A – 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	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
		treatment facility; no discharge to the receiving environment post-treatment quality to confirm treatment efficiency)				
BRP-58a to BRP-58xx (TBD)	Regulated Monitoring	Final Discharge Point Goose Lake			As per Part F, Item 16	N/A – 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	N/A – seasonal construction has not started.

Note:

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

APPENDIX B: WATER QUALITY ANALYTICAL RESULTS

Table B-1: BRP-01 Goose Lake Discharge

Parameter	Lowest Detection Limit	Maximum Average Concentration	Maximum Authorized Concentration in a Grab Sample	Unit	04-Jul-26 16:40 BRP-01 C641281 EIF041 Sample	06-Jul-26 10:35 BRP-01 C642346 EIK050 Sample	13-Jul-26 16:05 BRP-01 C643745 EIT265 Sample	20-Jul-26 15:45 BRP-01 C646117 EJH417 Sample	28-Jul-26 16:35 BRP-01 C648148 EJU719 Sample
Alkalinity (PP as CaCO3)	0.50	-	-	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50
Alkalinity (Total as CaCO3)	0.50	-	-	mg/L	9.28	5.09	11.6	7.15	8.62
Aluminum (Al)-Dissolved	0.0030	-	-	mg/L	0.0089	0.0098	0.0100	0.0072	0.0062
Aluminum (Al)-Total	0.0030	1.5	3.0	mg/L	0.0223	0.0165	0.0575	0.222	0.0257
Ammonia (N)-Total	0.0050	-	-	mg/L	0.45	0.42	0.17	0.14	0.061
Arsenic (As)-Dissolved	0.00010	-	-	mg/L	0.00139	0.00126	0.00196	0.00143	0.00127
Arsenic (As)-Total	0.00010	-	-	mg/L	0.00174	0.00149	0.00236	0.00282	0.00146
Barium (Ba)-Dissolved	0.0010	-	-	mg/L	0.0325	0.0368	0.0241	0.0240	0.0342
Barium (Ba)-Total	0.0010	-	-	mg/L	0.0373	0.0390	0.0236	0.0295	0.0357
Cadmium (Cd)-Dissolved	0.000010	-	-	mg/L	0.000012	0.000037	<0.000010	0.000025	0.000011
Cadmium (Cd)-Total	0.000010	-	-	mg/L	0.000023	0.000034	0.000011	0.000017	0.000021
Calcium (Ca)-Dissolved	0.050	-	-	mg/L	17.2	21.9	9.75	12.2	20.70
Chloride (Cl)-Dissolved	0.50	-	-	mg/L	34	43	13	23	40
Conductivity	1.0	-	-	µS/cm	162	196	103	121	185
Copper (Cu)-Dissolved	0.00020	-	-	mg/L	0.00175	0.00191	0.00180	0.00171	0.00180
Copper (Cu)-Total	0.00050	-	-	mg/L	0.00202	0.00222	0.002	0.00329	0.00222
Cyanide (CN)-Free	0.00050	-	-	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Cyanide (CN)-Strong Acid Dissoc.	0.00050	-	-	mg/L	<0.00050	<0.00050	0.00050	<0.00050	<0.00050
Cyanide (CN)-Weak Acid Dissoc.	0.00050	-	-	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Field Temperature	-	-	-	deg. C	19.0	21.2	23.0	20.5	19.1
Fluoride (F)	0.010	-	-	mg/L	0.018	0.019	0.019	0.022	0.023
Hardness (CaCO3)-Dissolved	0.50	-	-	mg/L	56.7	71.9	38.6	46.2	69.7
Hardness (CaCO3)-Total	0.50	-	-	mg/L	60.3	73.1	38.0	51.8	71.2
Iron (Fe)-Dissolved	0.0050	-	-	mg/L	0.170	0.182	0.0673	0.0779	0.114
Iron (Fe)-Total	0.010	-	-	mg/L	0.258	0.294	0.187	0.537	0.566
Lead (Pb)-Dissolved	0.00020	-	-	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Lead (Pb)-Total	0.00020	-	-	mg/L	<0.00020	<0.00020	<0.00020	0.00022	<0.00020
Magnesium (Mg)-Dissolved	0.050	-	-	mg/L	3.36	4.19	3.46	3.82	4.38
Manganese (Mn)-Dissolved	0.0010	-	-	mg/L	0.0213	0.0296	0.0201	0.0260	0.0570
Manganese (Mn)-Total	0.0010	-	-	mg/L	0.0231	0.0323	0.0223	0.0375	0.0697
Mercury (Hg)-Dissolved	0.0000019	-	-	mg/L	<0.0000019	<0.0000019	<0.0000019	<0.0000019	<0.0000019
Mercury (Hg)-Total	0.0000019	-	-	mg/L	<0.0000019	0.0000024	<0.0000019	<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	0.0010	-	-	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Molybdenum (Mo)-Total	0.0010	-	-	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Acute Toxicity Rainbow Trout	-	-	-	% mortality	-	-	-	-	*0*
Acute Toxicity *Daphnia magna*	-	-	-	% mortality	-	-	-	-	*0*
Nickel (Ni)-Dissolved	0.0010	-	-	mg/L	0.0081	0.0109	0.0053	0.0062	0.0089
Nickel (Ni)-Total	0.0010	-	-	mg/L	0.0087	0.0113	0.0053	0.0077	0.0187
Nitrate (NO3)-Dissolved	1.8	-	-	mg/L	0.89	0.99	1.000000	0.990000	0.13
Nitrite (NO2)-Dissolved	0.0033	-	-	mg/L	0.034	0.030	0.039	0.028	0.020
Organic Carbon (C)-Dissolved	0.2	-	-	mg/L	5.4	5.0	4.1	4.8	5.5
pH	-	6.0 to 9.5	6.0 to 9.5	pH Units	6.00	6.18	6.09	6.90	**5.95**
pH-Field	-	-	-	pH	6.70	6.5	6.85	6.77	6.6
Phosphorus (P)-Total	0.0010	-	-	mg/L	0.0066	0.0072	0.0058	0.016	0.015
Potassium (K)-Dissolved	0.050	-	-	mg/L	1.30	1.42	1.15	1.16	1.50
Radium 226	0.0050	-	-	Bq/L	*b*	*b*	*b*	*b*	*b*
Selenium (Se)-Dissolved	0.00010	-	-	mg/L	<0.00010	<0.00010	<0.00010	0.00014	<0.00010
Selenium (Se)-Total	0.00010	-	-	mg/L	<0.00010	<0.00010	<0.00010	0.00016	<0.00010
Silver (Ag)-Dissolved	0.000020	-	-	mg/L	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
Silver (Ag)-Total	0.000020	-	-	mg/L	0.46	<0.000020	<0.000020	<0.000020	<0.000020
Sodium (Na)-Dissolved	0.050	-	-	mg/L	1.11	1.46	1.13	1.28	1.48
Strontium (Sr)-Dissolved	0.0010	-	-	mg/L	0.0536	0.0666	0.0359	0.0407	0.0648
Strontium (Sr)-Total	0.0010	-	-	mg/L	0.0583	0.0681	0.0321	0.0439	0.0674
Sulphate (SO4)-Dissolved	0.50	-	-	mg/L	14	15	18	18	18
Thallium (Tl)-Dissolved	0.000010	-	-	mg/L	0.000012	0.000015	<0.00010	0.000015	0.000011
Thallium (Tl)-Total	0.000010	-	-	mg/L	0.000018	0.000020	0.000012	0.000017	0.000016
Total Dissolved Solids_Calculated	10	-	-	mg/L	78	93	54	65	92
Total Dissolved Solids_Measured	10	-	-	mg/L	140	170	68	92	160
Total Suspended Solids	1.0	15	30	mg/L	<1.0	1.1	2.3	8.9	3.7
Turbidity	0.10	15	30	NTU	0.29	2.9	3.3	6.9	2.0
Un-Ionized Ammonia	0.00050	-	-	mg/L	0.00083	0.00057	0.00058	<0.00050	<0.00050
Uranium (U)-Dissolved	0.00010	-	-	mg/L	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Uranium (U)-Total	0.00010	-	-	mg/L	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Zinc (Zn)-Dissolved	0.0050	-	-	mg/L	<0.0050	0.0056	<0.0050	<0.0050	<0.0050
Zinc (Zn)-Total	0.0050	-	-	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Notes: [a]Radium-226 results are still pending.

Items highlighted in grey indicate they have exceeded the maximum authorized concentration in a grab sample.

Items highlighted in grey and bolded indicate they have exceeded both the maximum grab and maximum average concentrations.

Table B-2: BRP-10 Primary Water Pond

Parameter	Lowest Detection Limit	Unit	03-Jul-26 9:20:00 BRP-10 C641316 EIF165 Sample	26-Jul-26 16:00:00 BRP-10 C647311 EJQ453 Sample
Alkalinity (PP as CaCO3)	0.50	mg/L	<0.50	<0.50
Alkalinity (Total as CaCO3)	0.50	mg/L	37.4	50.5
Aluminum (Al)-Dissolved	0.0030	mg/L	0.0163	0.0192
Aluminum (Al)-Total	0.0030	mg/L	0.129	0.0443
Ammonia (N)-Total	0.0050	mg/L	0.022	0.46
Arsenic (As)-Dissolved	0.00010	mg/L	0.00301	0.00334
Arsenic (As)-Total	0.00010	mg/L	0.00392	0.00415
Barium (Ba)-Dissolved	0.0010	mg/L	0.0184	0.0252
Barium (Ba)-Total	0.0010	mg/L	0.0196	0.0249
Cadmium (Cd)-Dissolved	0.000010	mg/L	0.000026	<0.000010
Cadmium (Cd)-Total	0.000010	mg/L	0.000016	0.000012
Calcium (Ca)-Dissolved	0.050	mg/L	11.1	13.5
Chloride (Cl)-Dissolved	0.50	mg/L	14	16
Chromium (Cr)-Dissolved	0.0010	mg/L	<0.0010	<0.0010
Chromium (Cr)-Total	0.0010	mg/L	<0.0010	<0.0010
Conductivity	1.0	µS/cm	163	215
Copper (Cu)-Dissolved	0.00020	mg/L	0.00212	0.00292
Copper (Cu)-Total	0.00050	mg/L	0.00273	0.00320
Cyanide (CN)-Free	0.00050	mg/L	0.00065	0.00318
Cyanide (CN)-Strong Acid Dissoc.	0.00050	mg/L	0.0019	0.00402
Cyanide (CN)-Weak Acid Dissoc.	0.00050	mg/L	0.0007	0.00315
Fluoride (F)	0.010	mg/L	0.044	0.042
Hardness (CaCO3)-Dissolved	0.50	mg/L	57.7	71.6
Hardness (CaCO3)-Total	0.50	mg/L	58.1	74.8
Iron (Fe)-Dissolved	0.0050	mg/L	0.382	0.628
Iron (Fe)-Total	0.010	mg/L	0.861	0.897
Lead (Pb)-Dissolved	0.00020	mg/L	<0.00020	<0.00020
Lead (Pb)-Total	0.00020	mg/L	<0.00020	<0.00020
Magnesium (Mg)-Dissolved	0.050	mg/L	7.27	9.19
Manganese (Mn)-Dissolved	0.0010	mg/L	0.0644	0.0935
Manganese (Mn)-Total	0.0010	mg/L	0.0712	0.0949
Mercury (Hg)-Dissolved	0.0000019	mg/L	0.0000023	0.0000043
Mercury (Hg)-Total	0.0000019	mg/L	0.0000038	0.0000053
Molybdenum (Mo)-Dissolved	0.0010	mg/L	<0.0010	<0.0010
Molybdenum (Mo)-Total	0.0010	mg/L	<0.0010	<0.0010
Nickel (Ni)-Dissolved	0.0010	mg/L	0.0073	0.0076
Nickel (Ni)-Total	0.0010	mg/L	0.0077	0.0086
Nitrate (NO3)-Dissolved	0.013	mg/L	3.8	3.5
Nitrite (NO2)-Dissolved	0.0033	mg/L	0.070	0.21
Organic Carbon (C)-Dissolved	0.20	mg/L	8.8	10
Field Temperature	-	deg. C	17.0	16.4
Field pH	-	pH Units	7.21	6.98
pH	-	pH Units	6.27	6.29
Phosphorus (P)-Total	0.0010	mg/L	0.024	0.024

Potassium (K)-Dissolved	0.050	mg/L	4.49	5.99
Selenium (Se)-Dissolved	0.00010	mg/L	0.00048	0.00028
Selenium (Se)-Total	0.00010	mg/L	0.00022	0.00032
Silver (Ag)-Dissolved	0.000020	mg/L	<0.000020	<0.000020
Silver (Ag)-Total	0.000020	mg/L	<0.000020	<0.000020
Sodium (Na)-Dissolved	0.050	mg/L	2.90	4.52
Strontium (Sr)-Dissolved	0.0010	mg/L	0.0368	0.0465
Strontium (Sr)-Total	0.0010	mg/L	0.0376	0.0445
Sulphate (SO4)-Dissolved	0.50	mg/L	28	37
Thallium (Tl)-Dissolved	0.000010	mg/L	<0.000010	<0.000010
Thallium (Tl)-Total	0.000010	mg/L	<0.000010	<0.000010
Total Dissolved Solids_Calculated	10	mg/L	95	120
Total Dissolved Solids_Measured	10	mg/L	120	130
Total Suspended Solids	1.0	mg/L	3.6	2.4
Turbidity	0.10	NTU	4.1	5.3
Un-Ionized Ammonia	0.00050	mg/L	<0.00050	0.0013
Uranium (U)-Dissolved	0.00010	mg/L	0.00014	0.00018
Uranium (U)-Total	0.00010	mg/L	0.00016	0.00018
Zinc (Zn)-Dissolved	0.0050	mg/L	<0.0050	<0.0050
Zinc (Zn)-Total	0.0050	mg/L	<0.0050	<0.0050

Table B-3: BRP-17 Goose Property Sewage Treatment Plant

Parameter	Lowest Detection Limit	Maximum Average Concentration	Maximum Authorized Concentration in a Grab Sample	Unit	05-Jul-26 16:05:00 BRP-17 C641252 EIE824 Sample	20-Jul-26 7:00:00 BRP-17 C645338 EJC774 Sample
Ammonia (NH_3-N)	0.0050	4	8	mg/L	0.012	0.0020
Biochemical oxygen demand [BOD]	2.0	30	-	mg/L	<3.5	<2.0
Fecal Coliform	1	1000	-	CFU/100 mL	6	24
Conductivity	1.0	-	-	µS/cm	290	119
Field Temperature	-	-	-	deg. C	17.9	11.0
pH	-	6.0 to 9.5	6.0 to 9.5	pH Units	6.40	7.48
pH-Field	-	-	-	pH	6.84	6.85
Phosphorus (P)-Total	0.0010	4	8	mg/L	0.12	0.034
Total Oil and Grease	2.0	No Visible Sheen	No Visible Sheen	mg/L	<2.0	<2.0
Total Suspended Solids	1.0	35.0	-	mg/L	6.8	4.0

Table B-4: BRP-18 Llama Watershed Outflow

Parameter	Lowest Detection Limit	Unit	13-Jul-26 11:28:00 BRP-18 C643747 EIT314 Sample
Alkalinity (PP as CaCO3)	0.50	mg/L	<0.50
Alkalinity (Total as CaCO3)	0.50	mg/L	6.95
Aluminum (Al)-Dissolved	0.0030	mg/L	0.0131
Aluminum (Al)-Total	0.0030	mg/L	0.0193
Ammonia (N)-Total	0.0050	mg/L	0.0085
Arsenic (As)-Dissolved	0.00010	mg/L	0.00070
Arsenic (As)-Total	0.00010	mg/L	0.00063
Barium (Ba)-Dissolved	0.0010	mg/L	0.0219
Barium (Ba)-Total	0.0010	mg/L	0.0208
Cadmium (Cd)-Dissolved	0.000010	mg/L	0.000021
Cadmium (Cd)-Total	0.000010	mg/L	0.000031
Calcium (Ca)-Dissolved	0.050	mg/L	10.5
Chloride (Cl)-Dissolved	0.50	mg/L	14
Chromium (Cr)-Dissolved	0.0010	mg/L	<0.0010
Chromium (Cr)-Total	0.0010	mg/L	<0.0010
Conductivity	1.0	µS/cm	129
Copper (Cu)-Dissolved	0.00020	mg/L	0.00224
Copper (Cu)-Total	0.00050	mg/L	0.00221
Cyanide (CN)-Free	0.00050	mg/L	<0.00050
Cyanide (CN)-Strong Acid Dissoc.	0.00050	mg/L	<0.00050
Cyanide (CN)-Weak Acid Dissoc.	0.00050	mg/L	<0.00050
Fluoride (F)	0.010	mg/L	0.025
Hardness (CaCO3)-Dissolved	0.50	mg/L	46.6
Hardness (CaCO3)-Total	0.50	mg/L	45.7
Iron (Fe)-Dissolved	0.0050	mg/L	0.0197
Iron (Fe)-Total	0.010	mg/L	0.016
Lead (Pb)-Dissolved	0.00020	mg/L	<0.00020
Lead (Pb)-Total	0.00020	mg/L	<0.00020
Magnesium (Mg)-Dissolved	0.050	mg/L	4.92
Manganese (Mn)-Dissolved	0.0010	mg/L	0.0042
Manganese (Mn)-Total	0.0010	mg/L	0.0046
Mercury (Hg)-Dissolved	0.0000019	mg/L	<0.0000019
Mercury (Hg)-Total	0.0000019	mg/L	<0.0000019

Molybdenum (Mo)-Dissolved	0.0010	mg/L	<0.0010
Molybdenum (Mo)-Total	0.0010	mg/L	<0.0010
Nickel (Ni)-Dissolved	0.0010	mg/L	0.0068
Nickel (Ni)-Total	0.0010	mg/L	0.0064
Nitrate (NO3)-Dissolved	0.013	mg/L	4.0
Nitrite (NO2)-Dissolved	0.0033	mg/L	<0.0033
Organic Carbon (C)-Dissolved	0.20	mg/L	2.9
Field Temperature	-	deg. C	15.60
Field pH	-	pH Units	6.06
pH	-	pH Units	6.00
Phosphorus (P)-Total	0.0010	mg/L	0.0012
Potassium (K)-Dissolved	0.050	mg/L	1.50
Selenium (Se)-Dissolved	0.00010	mg/L	<0.00010
Selenium (Se)-Total	0.00010	mg/L	<0.00010
Silver (Ag)-Dissolved	0.000020	mg/L	<0.000020
Silver (Ag)-Total	0.000020	mg/L	<0.000020
Sodium (Na)-Dissolved	0.050	mg/L	2.04
Strontium (Sr)-Dissolved	0.0010	mg/L	0.0411
Strontium (Sr)-Total	0.0010	mg/L	0.0400
Sulphate (SO4)-Dissolved	0.50	mg/L	27
Thallium (Tl)-Dissolved	0.000010	mg/L	<0.000010
Thallium (Tl)-Total	0.000010	mg/L	<0.000010
Total Dissolved Solids_Calculated	10	mg/L	70
Total Dissolved Solids_Measured	10	mg/L	80
Total Suspended Solids	1.0	mg/L	<1.0
Turbidity	0.10	NTU	<0.10
Un-Ionized Ammonia	0.00050	mg/L	<0.00050
Uranium (U)-Dissolved	0.00010	mg/L	<0.00010
Uranium (U)-Total	0.00010	mg/L	<0.00010
Zinc (Zn)-Dissolved	0.0050	mg/L	<0.0050
Zinc (Zn)-Total	0.0050	mg/L	<0.0050

Table B-5: BRP-20 Echo Tailings Facility

Parameter	Lowest Detection Limit	Unit	01-Jul-26 14:10:00 BRP-20 C640523 EIA234 Sample	09-Jul-26 10:55:00 BRP-20 C642743 EIM717 Sample	15-Jul-26 15:30:00 BRP-20 C644681 EIY501 Sample
Arsenic (As)-Total	0.00020	mg/L	1.15	1.31	1.09
Conductivity	1.0	µS/cm	4630	4660	4640
Copper (Cu)-Total	0.0010	mg/L	1.150	1.33	1.180
Cyanide (CN)-Strong Acid Dissoc.	0.25	mg/L	9.59	7.67	7.13
Field Temperature	-	deg. C	31.60	16.6	15.80
Lead (Pb)-Total	0.00040	mg/L	0.00028	<0.00040	<0.00040
Nickel (Ni)-Total	0.0020	mg/L	0.0559	0.0666	0.0912
pH	-	pH Units	7.98	8.09	8.33
pH-Field	-	pH	7.89	8.34	8.24
Radium 226	0.0050	Bq/L	<0.0050	[a]	[a]
Total Suspended Solids	1.0	mg/L	11	23	15
Zinc (Zn)-Total	0.010	mg/L	<0.0050	<0.010	<0.010

Notes: [a]Radium-226 results are still pending.

Table B-6: BRP-23 Gander Pond Outflow

Parameter	Lowest Detection Limit	Unit	12-Jul-26
			12:00:00
			BRP-23
			C643747
			EIT313
			Sample
Alkalinity (PP as CaCO3)	0.50	mg/L	<0.50
Alkalinity (Total as CaCO3)	0.50	mg/L	13.9
Aluminum (Al)-Dissolved	0.0030	mg/L	0.0531
Aluminum (Al)-Total	0.0030	mg/L	0.0334
Ammonia (N)-Total	0.0050	mg/L	0.033
Arsenic (As)-Dissolved	0.00010	mg/L	0.00065
Arsenic (As)-Total	0.00010	mg/L	0.00071
Barium (Ba)-Dissolved	0.001	mg/L	0.0059
Barium (Ba)-Total	0.001	mg/L	0.0066
Cadmium (Cd)-Dissolved	0.00001	mg/L	<0.000010
Cadmium (Cd)-Total	0.00001	mg/L	0.00017
Calcium (Ca)-Dissolved	0.050	mg/L	3.84
Chloride (Cl)-Dissolved	0.50	mg/L	1.4
Chromium (Cr)-Dissolved	0.0010	mg/L	<0.0010
Chromium (Cr)-Total	0.0010	mg/L	<0.0010
Conductivity	1.0	µS/cm	45.9
Copper (Cu)-Dissolved	0.00020	mg/L	0.00152
Copper (Cu)-Total	0.00050	mg/L	0.00155
Cyanide (CN)-Free	0.00050	mg/L	<0.00050
Cyanide (CN)-Strong Acid Dissoc._Solid	0.00050	mg/kg	0.00054
Cyanide (CN)-Weak Acid Dissoc._Solid	0.00050	mg/kg	<0.00050
Fluoride (F)	0.010	mg/L	0.027
Hardness (CaCO3)-Dissolved	0.50	mg/L	19.1
Hardness (CaCO3)-Total	0.50	mg/L	18.8
Iron (Fe)-Dissolved	0.0050	mg/L	0.335
Iron (Fe)-Total	0.010	mg/L	0.492
Lead (Pb)-Dissolved	0.00020	mg/L	<0.00020
Lead (Pb)-Total	0.00020	mg/L	<0.00020
Magnesium (Mg)-Dissolved	0.050	mg/L	2.30
Manganese (Mn)-Dissolved	0.0010	mg/L	0.0176
Manganese (Mn)-Total	0.0010	mg/L	0.0175
Mercury (Hg)-Dissolved	0.0000019	mg/L	<0.0000019
Mercury (Hg)-Total	0.0000019	mg/L	<0.0000019

Molybdenum (Mo)-Dissolved	0.0010	mg/L	<0.0010
Molybdenum (Mo)-Total	0.0010	mg/L	<0.0010
Nickel (Ni)-Dissolved	0.0010	mg/L	0.0026
Nickel (Ni)-Total	0.0010	mg/L	0.0025
Nitrate (NO3)-Dissolved	0.013	mg/L	0.099
Nitrite (NO2)-Dissolved	0.0033	mg/L	<0.0033
Organic Carbon (C)-Dissolved	0.20	mg/L	4.2
Field Temperature	-	deg. C	19.9
Field pH	-	pH Units	7.1
pH	-	pH Units	6.13
Phosphorus (P)-Total	0.0010	mg/L	0.0046
Potassium (K)-Dissolved	0.050	mg/L	0.419
Selenium (Se)-Dissolved	0.00010	mg/L	<0.00010
Selenium (Se)-Total	0.00010	mg/L	<0.00010
Silver (Ag)-Dissolved	0.000020	mg/L	<0.000020
Silver (Ag)-Total	0.000020	mg/L	<0.000020
Sodium (Na)-Dissolved	0.050	mg/L	0.688
Strontium (Sr)-Dissolved	0.0010	mg/L	0.0146
Strontium (Sr)-Total	0.0010	mg/L	0.0141
Sulphate (SO4)-Dissolved	0.50	mg/L	7.5
Thallium (Tl)-Dissolved	0.000010	mg/L	<0.000010
Thallium (Tl)-Total	0.000010	mg/L	<0.000010
Total Dissolved Solids_Calculated	10	mg/L	25
Total Dissolved Solids_Measured	10	mg/L	40
Total Suspended Solids	1.0	mg/L	1.5
Turbidity	0.10	NTU	2.9
Un-Ionized Ammonia	0.00050	mg/L	<0.00050
Uranium (U)-Dissolved	0.00010	mg/L	<0.00010
Uranium (U)-Total	0.00010	mg/L	<0.00010
Zinc (Zn)-Dissolved	0.0050	mg/L	<0.0050
Zinc (Zn)-Total	0.0050	mg/L	<0.0050

Table B-7: BRP-30 Goose Southeast Inflow

Parameter	Lowest Detection Limit	Unit	16-Jul-26
			13:30:00
			BRP-40
			C644664
			EIY379
			Sample
Alkalinity (PP as CaCO3)	0.50	mg/L	<0.50
Alkalinity (Total as CaCO3)	0.50	mg/L	84.20
Aluminum (Al)-Dissolved	0.0030	mg/L	0.0048
Aluminum (Al)-Total	0.0030	mg/L	0.568
Ammonia (N)-Total	0.0050	mg/L	0.073
Arsenic (As)-Dissolved	0.00010	mg/L	0.00085
Arsenic (As)-Total	0.00010	mg/L	0.0015
Barium (Ba)-Dissolved	0.001	mg/L	0.0104
Barium (Ba)-Total	0.001	mg/L	0.013
Cadmium (Cd)-Dissolved	0.00001	mg/L	0.000026
Cadmium (Cd)-Total	0.00001	mg/L	<0.00010
Calcium (Ca)-Dissolved	0.050	mg/L	230
Chloride (Cl)-Dissolved	0.50	mg/L	9800
Chromium (Cr)-Dissolved	0.0010	mg/L	<0.0010
Chromium (Cr)-Total	0.0010	mg/L	<0.010
Conductivity	1.0	µS/cm	30400
Copper (Cu)-Dissolved	0.00020	mg/L	0.00065
Copper (Cu)-Total	0.00050	mg/L	<0.0050
Fluoride (F)	0.010	mg/L	0.618
Hardness (CaCO3)-Dissolved	0.50	mg/L	1050
Hardness (CaCO3)-Total	0.50	mg/L	3470
Iron (Fe)-Dissolved	0.0050	mg/L	<0.0050
Iron (Fe)-Total	0.010	mg/L	0.62
Lead (Pb)-Dissolved	0.00020	mg/L	<0.00020
Lead (Pb)-Total	0.00020	mg/L	<0.0020
Magnesium (Mg)-Dissolved	0.050	mg/L	115
Manganese (Mn)-Dissolved	0.0010	mg/L	0.0040
Manganese (Mn)-Total	0.0010	mg/L	0.011
Mercury (Hg)-Dissolved	0.0000019	mg/L	<0.0000019
Mercury (Hg)-Total	0.0000019	mg/L	<0.0000019
Molybdenum (Mo)-Dissolved	0.0010	mg/L	0.0066
Molybdenum (Mo)-Total	0.0010	mg/L	<0.010
Nickel (Ni)-Dissolved	0.0010	mg/L	<0.0010

Nickel (Ni)-Total	0.0010	mg/L	<0.010
Nitrate (NO3)-Dissolved	0.013	mg/L	<0.13
Nitrite (NO2)-Dissolved	0.0033	mg/L	<0.0033
Organic Carbon (C)-Dissolved	0.20	mg/L	42
Field Temperature	-	deg. C	12.4
Field pH	-	pH Units	7.25
pH	-	pH Units	7.05
Phosphorus (P)-Total	0.0010	mg/L	0.048
Potassium (K)-Dissolved	0.050	mg/L	215
Selenium (Se)-Dissolved	0.00010	mg/L	0.00010
Selenium (Se)-Total	0.00010	mg/L	<0.0010
Silver (Ag)-Dissolved	0.000020	mg/L	<0.000020
Silver (Ag)-Total	0.000020	mg/L	<0.00020
Sodium (Na)-Dissolved	0.050	mg/L	312
Strontium (Sr)-Dissolved	0.0010	mg/L	4.31
Strontium (Sr)-Total	0.0010	mg/L	4.25
Sulphate (SO4)-Dissolved	0.50	mg/L	1500.0
Thallium (Tl)-Dissolved	0.000010	mg/L	<0.000010
Thallium (Tl)-Total	0.000010	mg/L	<0.00010
Total Dissolved Solids_Calculated	10	mg/L	12000
Total Dissolved Solids_Measured	10	mg/L	>13000
Total Suspended Solids	1.0	mg/L	22.0
Turbidity	0.10	NTU	17
Un-Ionized Ammonia	0.00050	mg/L	<0.00050
Uranium (U)-Dissolved	0.00010	mg/L	0.00182
Uranium (U)-Total	0.00010	mg/L	0.0019
Zinc (Zn)-Dissolved	0.0050	mg/L	<0.0050
Zinc (Zn)-Total	0.0050	mg/L	<0.050

Table B-8: BRP-40 Bathurst Inlet Intake

Parameter	Lowest Detection Limit	Unit	16-Jul-26
			13:30:00
			BRP-40
			C644664
			EIY379
			Sample
Alkalinity (PP as CaCO3)	0.50	mg/L	<0.50
Alkalinity (Total as CaCO3)	0.50	mg/L	84.2
Aluminum (Al)-Dissolved	0.0030	mg/L	0.0048
Aluminum (Al)-Total	0.0030	mg/L	0.568
Ammonia (N)-Total	0.0050	mg/L	0.073
Arsenic (As)-Dissolved	0.00010	mg/L	0.00085
Arsenic (As)-Total	0.00010	mg/L	0.0015
Barium (Ba)-Dissolved	0.0010	mg/L	0.0104
Barium (Ba)-Total	0.0010	mg/L	0.013
Cadmium (Cd)-Dissolved	0.000010	mg/L	0.000026
Cadmium (Cd)-Total	0.000010	mg/L	<0.00010
Calcium (Ca)-Dissolved	0.050	mg/L	230
Chloride (Cl)-Dissolved	13	mg/L	9800
Chromium (Cr)-Dissolved	0.0010	mg/L	<0.0010
Chromium (Cr)-Total	0.0010	mg/L	<0.010
Conductivity	1.0	µS/cm	30400
Copper (Cu)-Dissolved	0.00020	mg/L	0.00065
Copper (Cu)-Total	0.00050	mg/L	<0.0050
Cyanide (CN)-Free	0.0030	mg/L	**
Cyanide (CN)-Strong Acid Dissoc.	0.0030	mg/L	**
Cyanide (CN)-Weak Acid Dissoc.	0.00050	mg/L	**
Fluoride (F)	0.010	mg/L	0.618
Hardness (CaCO3)-Dissolved	0.50	mg/L	1050
Hardness (CaCO3)-Total	0.50	mg/L	3470
Iron (Fe)-Dissolved	0.0050	mg/L	<0.0050
Iron (Fe)-Total	0.010	mg/L	0.62
Lead (Pb)-Dissolved	0.00020	mg/L	<0.00020
Lead (Pb)-Total	0.00020	mg/L	<0.0020
Magnesium (Mg)-Dissolved	0.050	mg/L	115
Manganese (Mn)-Dissolved	0.0010	mg/L	0.0040
Manganese (Mn)-Total	0.0010	mg/L	0.011
Mercury (Hg)-Dissolved	0.0000019	mg/L	<0.0000019
Mercury (Hg)-Total	0.0000019	mg/L	<0.0000019

Molybdenum (Mo)-Dissolved	0.0010	mg/L	0.0066
Molybdenum (Mo)-Total	0.0010	mg/L	<0.010
Nickel (Ni)-Dissolved	0.0010	mg/L	<0.0010
Nickel (Ni)-Total	0.0010	mg/L	<0.010
Nitrate (NO3)	0.18	mg/L	<0.13
Nitrite (NO2)	0.0033	mg/L	<0.0033
Organic Carbon (C)-Dissolved	0.20	mg/L	42
pH	-	pH Units	7.05
pH-Field	-	pH	7.25
Phosphorus (P)-Total	0.0010	mg/L	0.05
Potassium (K)-Dissolved	0.050	mg/L	215
Selenium (Se)-Dissolved	0.00010	mg/L	0.00010
Selenium (Se)-Total	0.00010	mg/L	<0.0010
Silver (Ag)-Dissolved	0.000020	mg/L	<0.000020
Silver (Ag)-Total	0.10	mg/L	<0.00020
Sodium (Na)-Dissolved	0.050	mg/L	312
Strontium (Sr)-Dissolved	0.0010	mg/L	4.31
Strontium (Sr)-Total	0.0010	mg/L	4.25
Sulphate (SO4)-Dissolved	2.5	mg/L	1500
Thallium (Tl)-Dissolved	0.000010	mg/L	<0.000010
Thallium (Tl)-Total	0.000010	mg/L	<0.00010
Total Dissolved Solids_Calculated	13.0	mg/L	12000
Total Dissolved Solids_Measured	10	mg/L	>13000
Total Suspended Solids	1.0	mg/L	22
Turbidity	0.10	NTU	17
Un-Ionized Ammonia	0.00050	mg/L	<0.00050
Uranium (U)-Dissolved	0.00010	mg/L	0.00182
Uranium (U)-Total	0.00010	mg/L	0.0019
Zinc (Zn)-Dissolved	0.0050	mg/L	<0.0050
Zinc (Zn)-Total	0.0050	mg/L	<0.050

Notes: ** Free Cyanide, WAD and Total Cyanide were omitted.

Table B-9: BRP-41 Bathurst Inlet Discharge

Parameter	Lowest Detection Limit	Unit	16-Jul-26
			13:40:00
			BRP-41
			C644664
			EIY380
			Sample
Aluminum (Al)-Total	0.012	mg/L	0.198
Arsenic (As)-Total	0.00040	mg/L	0.0013
Barium (Ba)-Total	0.0040	mg/L	0.013
Cadmium (Cd)-Total	0.000040	mg/L	<0.00010
Chromium (Cr)-Total	0.0040	mg/L	<0.010
Conductivity	1.0	µS/cm	34500
Copper (Cu)-Total	0.0020	mg/L	<0.0050
Field Temperature	-	deg. C	13.3
Iron (Fe)-Total	0.040	mg/L	0.22
Lead (Pb)-Total	0.0008	mg/L	<0.0020
Manganese (Mn)-Total	0.0040	mg/L	<0.010
Mercury (Hg)-Total	0.0000019	mg/L	**
Molybdenum (Mo)-Total	0.0040	mg/L	<0.010
Nickel (Ni)-Total	0.0040	mg/L	<0.010
pH	-	pH Units	7.31
pH-Field	-	pH	7.42
Phosphorus (P)-Total	0.0010	mg/L	0.083
Salinity (PSU)	0.010	psu	22.5
Selenium (Se)-Total	0.0004	mg/L	<0.0010
Silver (Ag)-Total	0.000080	mg/L	<0.00020
Strontium (Sr)-Total	0.0040	mg/L	4.94
Thallium (Tl)-Total	0.000040	mg/L	<0.00010
Total Oil and Grease	2.0	mg/L	<2.0
Total Suspended Solids	1.0	mg/L	8.1
Uranium (U)-Total	0.0004	mg/L	0.0021
Zinc (Zn)-Total	0.02	mg/L	<0.050

Notes: ** Mercury was omitted.

APPENDIX C: TOXICITY RESULTS

RESULTS OF *DAPHNIA MAGNA* SINGLE CONCENTRATION-100%

Client : 10600 B2Gold Back River Corp. Job Number: C648062

Client Project Name & Number: Goose Lake, Back River Mine SURFACE WATER Sample Number: EJU283-04

Test Result:

48 hrs Mortality % 0 Statistical Method:

Mean percent mortality: Sample 0 Control 0

Sample Name : BRP-01 Sample Matrix : Water

Description: Clear, colourless Sample Prior to Analysis:

Sample Collected: Jul 28, 2026 04:35 PM Sampling Method : N/A pH: 7.4

Sample Collected By: CG Site Collection: N/A Temperature : 18 °C

Sample Received: Jul 29, 2026 01:55 PM Volume Received: 1 L Dissolved Oxygen: 9.5 mg/L

Analysis Start : Jul 31, 2026 01:10 PM Avg Temp Arrival: 5 °C Sample Conductance: 192 µS/cm

End : Aug 02, 2026 01:00 PM Storage: 2-6°C Hardness: 100 mg $CaCO_3$/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Mortality (#)	Mortality (%)	Immobility (#)	Immobility (%)	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)
% vol/vol	Start	Start	Start	Start	24 hrs	24 hrs	24 hrs	24 hrs	48 hrs	48 hr	48 hrs	48 hrs
0	19	8.3	420	8.5	0	0	0	0	19	8.4	462	7.7
0	19	8.3	414	8.6	0	0	0	0	19	8.3	414	7.8
0	19	8.3	414	8.5	0	0	0	0	19	8.3	412	7.9
100	19	7.8	195	9.3	0	0	0	0	19	8.1	208	7.8
100	19	7.6	191	9.3	0	0	0	0	19	7.9	200	7.7
100	19	7.4	191	9.3	0	0	0	0	19	7.8	198	7.6

Concentration	Mortality (#)	Mortality (%)	Immobility (#)	Immobility (%)
% vol/vol	48 hrs	48 hrs	48 hrs	48 hrs
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
100	0	0	0	0
100	0	0	0	0
100	0	0	0	0

Comments : None

Culture/Control/Dilution Water: City of Edmonton dechlorinated tap water

Hardness: 160 mg/L $CaCO_3$ Other parameters available on request.

Test Conditions Test concentration : 0,0,0,100,100,100 (% vol/vol)

Organisms per Vessel :	10	Pre-aeration Time :	30 min	Rate of Pre-aeration :	25-50 mL/(min*L)
Total # of Organisms Used :	60	Test Temperature :	20 ± 2 °C	Test Hardness Adjusted :	No
Test Volume :	150 mL	Vessel Volume :	200 mL	Test pH Adjusted:	No
Loading Density :	15.0 mL/Daphnia	Photoperiod :	16:8 (light: dark)		

Test Organism : *Daphnia magna* Source : In House Culture

Age at Test Initiation :	<24 hrs	Average Brood Size :	33.7
Culture Photoperiod :	16:8 (light: dark)	% Mortality within 7 days :	0.0
Culture Temperature :	20 ± 2 °C	Time To First Brood :	8 Days

Culture Diet: Culture is fed algae: 800-1800uL; YCT: 200-800uL Daily. New cultures weekly, 63 daphnids distributed into 6 culture vessels and 3 reproductive vessels.

RESULTS OF *DAPHNIA MAGNA* SINGLE CONCENTRATION-100%

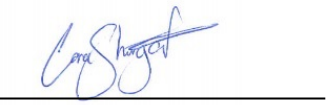
Client :	10600	B2Gold Back River Corp.	Job Number:	C648062
Client Project Name & Number:		Goose Lake, Back River Mine SURFACE WATER	Sample Number:	EJU283-04

Reference chemical:	Sodium Chloride	Test Date:	Jul 29, 2026
Test Endpoint 48 hrs LC50 (95% confidence interval) :	6.17 (5.50, 6.93)g/L	Statistical Method :	Untrimmed Spearman-Kärber
Historical Mean LC50 (warning limits) :	6.58 (5.58, 7.76) g/L	Concentration :	0,1.71,2.56,3.82,5.7,8.5 g/L

Test Method	EPS 1/RM/14
Method Deviations:	None

Note: The results contained in this report refer only to the testing of the sample submitted. Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation, including the toxicity parameters reported herein. The conductivity, dissolved oxygen and pH data contained within the toxicity report are provided for information purposes and are not individually accredited parameters.This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Analyst : Kruti Patel, Sean Norris, Tami Horvath



Verified By : Cara Shurgot, Analyst 2 Date: Aug 12, 2026 02:30 PM

RESULTS OF RAINBOW TROUT SINGLE CONCENTRATION-100%

Client : 10600 B2Gold Back River Corp. Job Number: C648062

Client Project Name & Number: Goose Lake, Back River Mine SURFACE WATER

Test Result:

96 hrs Mortality % 0 Statistical Method: Visual

Sample Name : BRP-01 Sample Matrix : Water

Description: CLEAR, YELLOW Sample Number: EJU283-01

Sample Collected: Jul 28, 2026 04:35 PM Sampling Method : N/A Site Collection: N/A

Sample Collected By: CG Volume Received: 20 L Avg Temp Arrival: 5 °C Storage: 2-6°C

Sample Received: Jul 29, 2026 01:55 PM pH: 7.3 Dissolved Oxygen: 8.4 mg/L

Analysis Start : Jul 31, 2026 10:40 AM Temperature : 14 °C Sample Conductance: 191 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)
% vol/vol	Start	Start	Start	Start	24 hrs	24 hrs	24 hrs	24 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	16	8.1	413	8.9	0	0	0	0	0	0	0	0
100	14	6.8	191	8.8	0	0	0	0	0	0	0	0

Concentration	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)
% vol/vol	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hr	96 hrs	96 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	15	7.5	424	8.9	0	0	0	0
100	0	0	0	0	14	6.8	199	8.8	0	0	0	0

Comments : None

Culture/Control/Dilution Water City of Edmonton dechlorinated tap water

Hardness: 200 mg/L $CaCO_3$ Other parameters available on request.

Test Conditions Test concentration : 0,100 (% vol/vol)

Organisms per Vessel :	10	Test Temperature :	15 ± 1 °C	Solution Depth :	>15 cm
Total # of Organisms Used :	20	Pre-aeration Time :	30 min.	Rate of Aeration	6.5±1 mL/ (min*L)
Test Volume :	20 L	Vessel Volume :	38L	Test pH Adjusted:	No
Loading Density :	0.5 g/L	Photoperiod :	16:8 (light: dark)		

Test Organism : Rainbow Trout *(Oncorhynchus mykiss)* Source : LSL Trout Hatchery

Culture Temperature :	15 ± 2 °C	Weight (Mean) +- SD :	0.9 ± 0.3 g	Length (Mean) +- SD :	4.65 ± 0.44 cm
Culture Water Renewal :	≥ 1.0 L/min/kg fish	Weight (Range) :	0.5 – 1.3 g	Length (Range) :	4.10 – 5.30 cm
Culture Photoperiod :	16:8 (light: dark)			% Mortality within 7 days :	0.0%
Feeding rate and frequency :	daily: 1-5% biomass of trout.			Acclimation Time:	>14 days

Reference chemical: Phenol Test Date: Jul 10, 2026

Test Endpoint 96 hrs LC50 (95% confidence interval) : 10.0 (9.39, 10.7)mg/L Statistical Method : Probit

Historical Mean LC50 (warning limits) : 9.75 (7.16, 13.3) mg/L Concentration : 0,7.59,9.15,11,13.3,16 mg/L

Test Method EPS 1/RM/13

Method Deviations : None

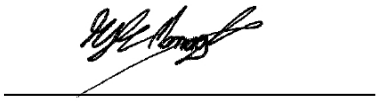
Note: The results contained in this report refer only to the testing of the sample submitted. Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation, including the toxicity parameters reported herein. The conductivity, dissolved oxygen and pH data contained within the toxicity report are provided for information purposes and are not individually accredited parameters. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

RESULTS OF RAINBOW TROUT SINGLE CONCENTRATION-100%

Client : 10600 B2Gold Back River Corp. Job Number: C648062

Client Project Name & Number: Goose Lake, Back River Mine SURFACE WATER Sample Number: EJU283-01

Analyst : Cara Shurgot, Emily Sanregret, Maninder Brar, Marina Lazic, Morgan Svoboda, Sean Norris



Verified By : Kyle Monaghan, Analyst 2 Date: Aug 12, 2026 03:19 PM