GOOSE PROJECT

NOVEMBER 2025 MONTHLY MONITORING REPORT FOR WATER LICENCE 2AM-BRP1831

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Prepared by RainCoast Environmental Services Ltd.
for B2Gold Back River Corp.
Submitted to Nunavut Water Board

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EXECUTIVE SUMMARY – ENGLISH

This report presents B2Gold Back River Corp.'s (B2Gold Nunavut's) November 2025 Monthly Monitoring Report for Water Licence 2AM-BRP1831 (the Licence) issued by the Nunavut Water Board (NWB). As set out in Part I, Item 18 of the Licence, this report includes information on the following topics:

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

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ᑕᒫᓇ ᐅᓂᒃᑲᖅ ᐱᑎᑦᑎᐊᖅ B2Gold Back River Corp’s (B2Gold Nunavut's) ᑕᕐᑭᑕᒧᑦ ᖃᐅᔨᓴᑭᑎᓄᑦ ᐅᓂᒃᑲᑦ ᓄᓇᐱᓇ 2025 ᐱᓕᓕᔪ ᐃᒥᖏᒧᑦ ᐱᐊᓂᓇᐅᑎ 2AM-BRP1831 (ᓯᐃᓴᓂᓗ) ᑐᓂᔭᐅᐊᖅ ᓄᓇᕗᓪᒥ ᐃᒪᓕᓚᐋᑦ ᑲᑎᒪᔨᖏᓂᓄᑦ (NWB). ᓇᓗᓇᐃᕐᓂᒪᖅ ᐃᓕᓴᕐᓂᓂ I, ᐊᓴᐅᑎᓕᒃ 18 ᐱᐊᓂᓇᐅᑎᒥᒃ, ᑕᒫᓇ ᐅᓂᒃᑲᖅ ᐃᓕᐅᑎᑦᑎᐊᖅ ᓇᓗᓇᐃᔭᐅᑎᓂᒃ ᐊᑕᓱᓕᑐᓂᒃ ᐱᔭᐊᑎᓂᑦ:

- ↵ ᑎᑎᕐᑲᓕᒫᑦ ᓇᓗᓇᐃᔭᕐᓂᒪᐊᓕᓗᓐᓗ ᐱᔭᖃᐊᓕᓂᑦ ᐃᓕᓴᕐᑎ I ᓴᕐᕿᑎᓕᓗᓂᓕᓗᓐᓗ ᖃᐅᔨᓴᐃᓂᓇᖅᑐᓂᖅ ᐱᓕᖃᐊᐸᓴᒥ ᓇᓂᔨᐅᔪᓂ ᑎᑎᕋᖅᓂᒪᓕᐊᓂ ᑎᑎᕋᖅᓂᒪᓕᕐᓂ I ᓯᐃᓴᓂᓂᒥ;
- ↵ ᖃᐅᔨᓴᖅᑕᐅᓗᑎᒃ ᑎᑎᕋᖅᓂᒪᓕᕐᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᒋᐃᐃᑦ ᖃᐅᔨᓂᕐᒧᑦ ᐃᓂᐅᔪᓂᕐᒧᑦ ᒪᓕᖅᑭᑦᑐᐃᓂᐅᑎᓕᓗᓂᑦ ᐊᑐᐊᑕᑎᒍᑦ ᐊᓂᑎᑕᐅᓂᕐᒧᑦ ᑭᒃᑯᓕᐅᔪᓂᑦ ᐃᓕᓴᐅ D-ᒥᑦ ᐊᖏᒪᓗ ᐃᓕᓴᐅ F-ᒥᑦ ᐱᔭᕐᓇᐅᑎᒥᑦ;
- ᐊᖏᒪᓗ ↵ ᑎᑎᕋᖅᑕᐅᓂᕐᑭᑦ ᖃᓄᐃᕐᓂᕐᑭᑦ ᐅᐱᕋᖅᑎᑦᓂᐅᑦ ᐊᐅᕋᑦᖅᑎᓕᓗᒍ, ᒪᕋᐅᖃᑦᑕᑎᓕᓗᒍ, ᐊᖏᒪᓗ ᐊᑯᓂᐅᔪᒥᑦ ᖃᐅᔨᖃᑦᑕᓂᕆᑦ, ᐱᖃᓐᓂᐅᑎᓗᑦ ᑯᓚᓂᕐᑭᑦ, ᐊᐢᓵᑦ, ᐊᖏᒪᓗ ᑎᑎᕋᖅᓂᒪᒪᑦ.

AULAPKAIYINI NAITTUQ – INUINNAQTUN

Una titiraq tunihimayuq Tarium Hikutirvia 2025 Tatqiqhiutini Munarinikkut Uniudjutit Imakkut Laisit 2AM-BRP1831, tuniyauyut hapkunanga Nunavunmi Imaliqiyiit Katimayiit, kivgaqtuqhugit ukua B2Gold Back River Corp. (B2Gold Nunavut). Uqautauyumi Ilangani I, Huna 18-mi Laisiuyumi, una unipkaaq piqaqtuq uqatiarutinik ukuniga uqautauyunik:

- Tamaita naunaipkutit hivuniqhijutilu atuquyauyut Ilangani I-mi hanayauhimayulu Munarinigagut Havaami naniyauyuq Naunaipkut Naunaipkut I-mi Laisiuyumi;
- Ihivriurninnga nampanik naunaiyariami humi ittut uumunnga maligatigut Anivikhaqmut kiklikhangit naunaiqhimayuq uumani Ilangani D unalu Ilangani F uumannga Laisinga; uvalu
- Titiraqhimayut qanuginiit atuqtilugu upingaami, angiyut nipahuknikkut hulidjutit, uvalu hivituqyuumiyut nipaluit titiraqtauhimayut aulanikkut aktilaangitigut, piksat, uvalu titiraqhimayut.

RESUME EXECUTIF – FRANÇAIS

Ce rapport présente le Rapport Mensuel de Suivi de B2Gold Back River Corp. (B2Gold Nunavut) de novembre 2025 pour le Permis de l'Eau 2AM-BRP1831 (le Permis) délivré par la Nunavut Water Board (NWB). Comme indiqué dans la Partie I, Article 18 du Permis, ce rapport comprend des informations sur les sujets suivants :

- Toutes les données et informations requises par la Partie I et générées par le Programme de Suivi dans les tableaux de l'Annexe I du Permis;
- Une évaluation des données pour identifier les zones de non-conformité avec les paramètres de Décharge réglementés mentionnés dans la Partie D et la Partie F du Permis ; et
- Documentation des conditions pendant la crue printanière, les événements de pluie majeure, et les périodes de précipitations soutenues, y compris des mesures de débit, des photographies et des notes.

CONTENTS

LIST OF TABLES

LIST OF APPENDICES

ACRONYMS AND ABBREVIATIONS

B2Gold Nunavut	B2Gold Back River Corporation
the Licence	Water Licence 2AM-BRP1831
MLA	Marine Laydown Area
The Goose Project	Encompasses the Goose Claims Group, Goose Mine, the WIR and the MLA
STP	Sewage Treatment Plant
WRSA	Waste Rock Storage Area

1. INTRODUCTION

The Goose Mine is a gold mine located within the western Kitikmeot Region of southwestern Nunavut. It is situated approximately 400 km southwest of Cambridge Bay, 95 km southeast of the southern end of Bathurst Inlet (Kingaok), and 520 km northeast of Yellowknife, Northwest Territories. The Mine is located predominantly within the Queen Maud Gulf Watershed (Nunavut Water Regulations, Schedule 4).

This report to the Nunavut Water Board was prepared to satisfy the requirement for a Monthly Monitoring Report for November 2025 for B2Gold Back River Corp.'s (B2Gold Nunavut's) Goose Mine in accordance with Part I, Item 18 of Water Licence 2AM-BRP1831 (the Licence).

As required by Part I, Items 16 and 17, all analyses are performed in an accredited laboratory according to ISO/IEC Standard 17025 and 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.

2. DATA AND INFORMATION REQUIRED BY PART I OF THE LICENCE

1. 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

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

2. 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 MLA 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

The volumes of water obtained from these sources is provided in Table 2-1.

Table 2-1 Volumes of Water Obtained at the Goose and MLA Properties this Month

Lake	Volume Used (m^3)
Big Lake	0
Goose Lake	21,122
MLA Pond S1	0
MLA Pond S2	0
MLA Lake 3	0
MLA Lake 4	0
Llama Lake	0
Umwelt Lake	0
Other water bodies approved for dewatering	0

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

No water was obtained for the Winter Ice Road or Service/Emergency camps this month.

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

Approximately 52,000 m^3 of reclaim water was obtained from the Primary Water Pond for process Water at the process plant this month.

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

4,293 m^3 of treated effluent was released from the Goose Sewage Treatment Plan (STP) to the tundra this month. Estimated volumes of greywater released this month are presented in Table 2-2.

Table 2-2 Estimated Volumes of Greywater Released this Month

Location	Volume (m^3)	Destination
MLA Camp	1,080	Tundra
MLA Forward Camp	0	N/A
Goose Forward Camp	0	N/A

Note: Greywater for MLA Camp is estimated as 80% of desalinated water produced this month (1,350 m^3). Greywater for the MLA and Goose forward camps is estimated as 100% of freshwater supplied.

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

Approximately 29 m^3 of compressed, dewatered sludge was removed from the Goose STP and placed in the Umwelt Waste Rock Storage Area (landfill Cell 3) (WRSA) landfill this month.

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

No effluent was discharged from Landfarms, Fuel Tank Farms or Fuel Storage Facilities this month.

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

Approximately 10,765 m^3 of water was transferred from the Primary Water Pond to Echo Pit this month. No other Contact Water, WRSA Effluent, Ore Stockpile Effluent, or other Effluent/Water streams were pumped into the Primary Water Pond, Tailings Storage Facility, other Tailings Facilities, and/or transferred between ponds or facilities this month.

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

No effluent was discharged at the Final Discharge Point this month. Per Part F, Item 16 of the Licence, an Effluent Discharge Plan will be submitted to the Board at least 120 days prior to discharge of Effluent BRP-58 subject to Part F, Item 21 of the Licence.

3. 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)

Approximately 848 m^3 of waste was placed in the Umwelt WRSA landfill this month (Cell #3); this includes 44 m^3 of waste that was inadvertently underreported for the previous month. No material was placed in either the Goose (BRP-51) or MLA (BRP-44) landfarm this month; these facilities are not yet commissioned.

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

The quantity of waste rock place 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 (tonnes)
Echo Pit WRSA	0	4,749,968
Umwelt Pit WRSA	819,160	3,232,729

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

Approximately 159,321 tonnes of tailings solids were placed into and stored in the Echo Tailings Storage Facility this month, this includes approximately 39,213 tonnes that were inadvertently underreported last month. This was due to late reconciliation of actual numbers after the report was submitted.

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

A total of 380,734 tonnes of ore was stockpiled, and 67,604 tonnes of ore was processed through the process plant this month.

4. Additional monitoring may be imposed by the Inspector

No additional monitoring has been imposed by the Inspector this month.

3. INFORMATION GENERATED BY THE MONITORING PROGRAM IN THE TABLES OF SCHEDULE I OF THE LICENCE

Table A-1 of Appendix A provides an overview of the monitoring stations, descriptions, and monitoring frequencies outlined in the Tables of Schedule I of the Licence, along with a summary of monitoring activities completed this month. Additional details relevant to this month, including any non-compliances, are provided below.

Water quality results for stations monitored this month are provided in Appendix B, including comparisons to station-specific effluent quality criteria where applicable.

BRP-17 Goose Property Sewage Treatment Plant

The Goose Property STP discharges treated effluent to land in a manner to allow further over land treatment of the effluent prior to entering the freshwater receiving environment. Approximately 4,293 m^3 of treated sewage effluent was discharged to the tundra this month (Section 2.2g). Water was not available for sampling because of frozen conditions.

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 was 19,814 m^3 (Section 2.2b).

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

Samples were collected from both BRP-40 and BRP-41 this month and results are provided in Appendix B. Desalination water sampling results are analyzed in the Marine Monitoring Report included in B2Gold Nunavut's Annual Reports to the Nunavut Impact Review Board.

BRP-42 MLA Greywater

Approximately 1,080 m^3 of greywater was discharged to the tundra from the MLA Camp this month (Section 2.2g). No flow or water was available for sampling downstream of the discharge point (i.e., at BRP-42) due to frozen conditions.

APPENDIX A MONITORING ACTIVITY OVERVIEW BY STATION

Table A-1 Monitoring Activity Overview by Station for this Month

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	N/A - no runoff observed this month (frozen conditions)
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	N/A - no seepage observed this month (frozen conditions)
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	N/A - 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 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	N/A - 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

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
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	N/A – no dewatering this month
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
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; no samples collected this month
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	N/A - no sample collected this month due to frozen conditions
BRP-14				A, E	At Licensee's discretion	N/A – facility not commissioned

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
	Verification Monitoring	ANFO Plant (representative of collected water quality)	Construction to Closure			
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 prior to the point of entry into freshwater)	Construction to Closure	A, F	Monthly	Active. See Section 3
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-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	N/A - no samples collected this month due to frozen conditions
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 - no samples collected this month due to frozen conditions
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	N/A – mine phase

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 – mine phase
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	N/A - no samples collected this month due to frozen conditions
BRP-24	General Monitoring	Goose Lake Intake (intake point for potable and industrial water withdrawal)	Operations Stage 1 to Closure (early)	B	Weekly	Active. Flow metered continuously and monthly volume reported in Section 2.2(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, represents pre- treatment water quality)	Operations Stage 3 to Closure	A, G	At Licensee's discretion	N/A – mine phase
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

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
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	N/A - not freshet
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 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 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	Prior to discharge or transfer of water	Active. See Section 3.
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
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

Monitoring Program Station	Monitoring Type	Description	Mine Phase	Group Code*	Frequency	Monitoring Activity
				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 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
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 - no water withdrawn this month

Note:

** 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 MLA Bathurst Inlet Desalination Intake and Discharge, Sites BRP-40 and BRP-41, November 2025

Station	Unit	Lowest Detection Limit	BRP-40 Bathurst Inlet Intake (MLA)	BRP-41 Bathurst Inlet Discharge (MLA)
Date **Time** **Lab Job Number** **Parameter**			**2025-11-04** **07:15:00** **C592023**	**2025-11-04** **07:30:00** **C592023**
Aluminum (Al)-Dissolved	mg/L	0.015	<0.15	<0.015
Antimony (Sb)-Dissolved	mg/L	0.0025	<0.025	<0.0025
Arsenic (As)-Dissolved	mg/L	0.0005	<0.005	0.0011
Barium (Ba)-Dissolved	mg/L	0.005	<0.05	0.011
Beryllium (Be)-Dissolved	mg/L	0.0005	<0.005	<0.0005
Bismuth (Bi)-Dissolved	mg/L	0.005	<0.05	<0.005
Boron (B)-Dissolved	mg/L	0.25	2.7	2.93
Cadmium (Cd)-Dissolved	mg/L	0.00005	<0.0005	<0.00005
Calcium (Ca)-Dissolved	mg/L	0.25	243.0	259.00
Chromium (Cr)-Dissolved	mg/L	0.005	<0.05	<0.005
Cobalt (Co)-Dissolved	mg/L	0.001	<0.01	<0.001
Copper (Cu)-Dissolved	mg/L	0.001	<0.01	<0.001
Iron (Fe)-Dissolved	mg/L	0.025	<0.25	<0.025
Lead (Pb)-Dissolved	mg/L	0.001	<0.01	<0.001
Lithium (Li)-Dissolved	mg/L	0.01	0.1	0.12
Magnesium (Mg)-Dissolved	mg/L	2.5	760.0	881.0
Manganese (Mn)-Dissolved	mg/L	0.005	<0.05	<0.005
Mercury (Hg)-Dissolved	mg/L	-	<0.0000019	-
Molybdenum (Mo)-Dissolved	mg/L	0.005	<0.05	0.008
Nickel (Ni)-Dissolved	mg/L	0.005	<0.05	<0.005
Nitrate (NO3)-Dissolved	mg/L	0.33	<0.066	<0.33
Nitrite (NO2)-Dissolved	mg/L	0.0033	<0.0033	<0.0033
Potassium (K)-Dissolved	mg/L	0.25	229.0	254.00
Selenium (Se)-Dissolved	mg/L	0.0005	<0.005	<0.0005
Silicon (Si)-Dissolved	mg/L	0.5	<5	0.5
Silver (Ag)-Dissolved	mg/L	0.0001	<0.001	<0.0001
Sodium (Na)-Dissolved	mg/L	2.5	6490.0	7460.0

Station	Unit	Lowest Detection Limit	BRP-40 Bathurst Inlet Intake (MLA)	BRP-41 Bathurst Inlet Discharge (MLA)
Date **Time** **Lab Job Number** **Parameter**			**2025-11-04** **07:15:00** **C592023**	**2025-11-04** **07:30:00** **C592023**
Strontium (Sr)-Dissolved	mg/L	0.005	4.41	4.830
Sulphur (S)-Dissolved	mg/L	15	582	636
Thallium (Tl)-Dissolved	mg/L	0.00005	<0.0005	<0.00005
Tin (Sn)-Dissolved	mg/L	0.025	<0.25	<0.025
Titanium (Ti)-Dissolved	mg/L	0.025	<0.25	<0.025
Uranium (U)-Dissolved	mg/L	0.0005	<0.005	0.0023
Vanadium (V)-Dissolved	mg/L	0.025	<0.25	<0.025
Zinc (Zn)-Dissolved	mg/L	0.025	<0.25	<0.025
Zirconium (Zr)-Dissolved	mg/L	0.0005	<0.005	<0.0005
1,1,1,2-tetrachloroethane	mg/L	0.001	<0.001	<0.001
1,1,1-trichloroethane	mg/L	0.0005	<0.0005	<0.0005
1,1,2,2-tetrachloroethane	mg/L	0.002	<0.002	<0.002
1,1,2-trichloroethane	mg/L	0.0005	<0.0005	<0.0005
1,1-dichloroethane	mg/L	0.0005	<0.0005	<0.0005
1,1-dichloroethene	mg/L	0.0005	<0.0005	<0.0005
1,2,3-trichlorobenzene	mg/L	0.001	<0.001	<0.001
1,2,4-trichlorobenzene	mg/L	0.001	<0.001	<0.001
1,2,4-trimethylbenzene	mg/L	0.0005	<0.0005	<0.0005
1,2-dibromoethane	mg/L	0.0002	<0.0002	<0.0002
1,2-dichlorobenzene	mg/L	0.0005	<0.0005	<0.0005
1,2-dichloroethane	mg/L	0.0005	<0.0005	<0.0005
1,2-dichloropropane	mg/L	0.0005	<0.0005	<0.0005
1,3,5-trichlorobenzene	mg/L	0.0005	<0.0005	<0.0005
1,3,5-trimethylbenzene	mg/L	0.0005	<0.0005	<0.0005
1,3-dichlorobenzene	mg/L	0.0005	<0.0005	<0.0005
1,4-dichlorobenzene	mg/L	0.0005	<0.0005	<0.0005
Alkalinity (PP as CaCO3)	mg/L	1	<1	<1
Alkalinity (Total as CaCO3)	mg/L	1	98	100

Station	Unit	Lowest Detection Limit	BRP-40 Bathurst Inlet Intake (MLA)	BRP-41 Bathurst Inlet Discharge (MLA)
Date **Time** **Lab Job Number** **Parameter**			**2025-11-04** **07:15:00** **C592023**	**2025-11-04** **07:30:00** **C592023**
Ammonia (N)-Total	mg/L	0.005	0.048	0.017
Benzene	mg/L	0.0004	<0.0004	<0.0004
Bicarbonate (HCO3)	mg/L	1	120	120
Bromodichloromethane	mg/L	0.0005	<0.0005	<0.0005
Bromoform	mg/L	0.0005	<0.0005	0.0100
Bromomethane	mg/L	0.002	<0.002	<0.002
Carbon tetrachloride	mg/L	0.0005	<0.0005	<0.0005
Carbonate (CO3)	mg/L	1	<1	<1
Chloride (Cl)-Dissolved	mg/L	100	11000	12000
Chlorobenzene	mg/L	0.0005	<0.0005	<0.0005
Chloroethane	mg/L	0.001	<0.001	<0.001
Chloroform	mg/L	0.0005	<0.0005	<0.0005
Chloromethane	mg/L	0.002	<0.002	<0.002
Conductivity	µS/cm	2	35000	38000
Cyanide (CN)-Strong Acid Dissoc.	mg/L	-	-	-
Cyanide (CN)-Weak Acid Dissoc.	mg/L	-	-	-
Dibromochloromethane	mg/L	0.001	<0.001	<0.001
Dichloromethane	mg/L	0.002	<0.002	<0.002
Ethylbenzene	mg/L	0.0004	<0.0004	<0.0004
F1 (C6-C10)	mg/L	0.1	<0.1	<0.1
F1 (C6-C10) - BTEX	mg/L	0.1	<0.1	<0.1
Field Temperature	deg. C	-	0	0.9
Fluoride (F)	mg/L	0.01	0.59	0.70
Hardness (CaCO3)-Dissolved	mg/L	0.5	3740.0	4280.0
Hardness (CaCO3)-Total	mg/L	0.5	4110.0	4220.0
Hydroxide (OH)	mg/L	1	<1	<1
Methyl methacrylate	mg/L	0.0005	<0.0005	<0.0005
Methyl-tert-butyl ether (MTBE)	mg/L	0.0005	<0.0005	<0.0005

Station	Unit	Lowest Detection Limit	BRP-40 Bathurst Inlet Intake (MLA)	BRP-41 Bathurst Inlet Discharge (MLA)
Date **Time** **Lab Job Number** **Parameter**			**2025-11-04** **07:15:00** **C592023**	**2025-11-04** **07:30:00** **C592023**
Nitrate (as N)	mg/L	0.015	<0.015	<0.075
Nitrate plus Nitrite (N)	mg/L	0.015	<0.015	<0.075
Nitrite (as N)	mg/L	0.001	<0.001	<0.001
Nitrogen (N)-Total	mg/L	0.1	<0.2	<0.1
Organic Carbon (C)-Dissolved	mg/L	4	56	57
Organic Carbon (C)-Total	mg/L	4	59	66
Redox Potential-Field	mV	-	513.5	481
Salinity_Percentage	%	1	<1	<1
Silica-Reactive	mg/L	-	-	-
Styrene	mg/L	0.0005	<0.0005	<0.0005
Sulphate (SO4)-Dissolved	mg/L	13	1700	1800
Tetrachloroethene	mg/L	0.0005	<0.0005	<0.0005
Toluene	mg/L	0.0004	<0.0004	<0.0004
Total Dissolved Solids_Calculated	mg/L	100	21000	23000
Total Dissolved Solids_Measured	mg/L	-	-	-
Total Kjeldahl Nitrogen (Calc)-Total	mg/L	0.1	<0.2	<0.1
Total Oil and Grease	mg/L	2	<2	<2
Total Suspended Solids	mg/L	1	49	30
Total Trihalomethanes	mg/L	0.0013	<0.0013	0.0100
Trichloroethene	mg/L	0.0002	<0.0002	<0.0002
Trichlorofluoromethane	mg/L	0.0005	<0.0005	<0.0005
Turbidity	NTU	0.1	39.0	20.0
Un-Ionized Ammonia	mg/L	0.0005	<0.0005	<0.0005
Vinyl chloride	mg/L	0.0005	<0.0005	<0.0005
Xylene, m+p-_Concentration	mg/L	0.0008	<0.0008	<0.0008
Xylene, o-_Concentration	mg/L	0.0004	<0.0004	<0.0004
Xylenes, total	mg/L	0.00089	<0.00089	<0.00089

Station	Unit	Lowest Detection Limit	BRP-40 Bathurst Inlet Intake (MLA)	BRP-41 Bathurst Inlet Discharge (MLA)
Date **Time** **Lab Job Number** **Parameter**			**2025-11-04** **07:15:00** **C592023**	**2025-11-04** **07:30:00** **C592023**
cis-1,2-dichloroethene	mg/L	0.0005	<0.0005	<0.0005
cis-1,3-dichloropropene	mg/L	0.0005	<0.0005	<0.0005
pH	pH Units	-	7.71	7.12
pH-Field	pH	-	7.68	7.73
trans-1,2-dichloroethene	mg/L	0.0005	<0.0005	<0.0005
trans-1,3-dichloropropene	mg/L	0.0005	<0.0005	<0.0005
Aluminum (Al)-Total	mg/L	0.15	0.9	0.83
Antimony (Sb)-Total	mg/L	0.025	<0.05	<0.025
Arsenic (As)-Total	mg/L	0.005	<0.01	<0.005
Barium (Ba)-Total	mg/L	0.05	<0.1	<0.05
Beryllium (Be)-Total	mg/L	0.005	<0.01	<0.005
Bismuth (Bi)-Total	mg/L	0.05	<0.1	<0.05
Boron (B)-Total	mg/L	2.5	<5	2.8
Cadmium (Cd)-Total	mg/L	0.0005	<0.001	<0.0005
Calcium (Ca)-Total	mg/L	2.5	275	286.0
Chromium (Cr)-Total	mg/L	0.05	<0.1	<0.05
Cobalt (Co)-Total	mg/L	0.01	<0.02	<0.01
Copper (Cu)-Total	mg/L	0.025	<0.05	<0.025
Iron (Fe)-Total	mg/L	0.5	1	1.0
Lead (Pb)-Total	mg/L	0.01	<0.02	<0.01
Lithium (Li)-Total	mg/L	0.1	<0.2	0.1
Magnesium (Mg)-Total	mg/L	2.5	830	852.0
Manganese (Mn)-Total	mg/L	0.05	<0.1	<0.05
Mercury (Hg)-Total	mg/L	-	<0.0000019	-
Molybdenum (Mo)-Total	mg/L	0.05	<0.1	<0.05
Nickel (Ni)-Total	mg/L	0.05	<0.1	<0.05
Phosphorus (P)-Total	mg/L	0.001	0.062	0.078
Potassium (K)-Total	mg/L	2.5	249	261.0

Station	Unit	Lowest Detection Limit	BRP-40 Bathurst Inlet Intake (MLA)	BRP-41 Bathurst Inlet Discharge (MLA)
Date **Time** **Lab Job Number** **Parameter**			**2025-11-04** **07:15:00** **C592023**	**2025-11-04** **07:30:00** **C592023**
Selenium (Se)-Total	mg/L	0.005	<0.01	<0.005
Silicon (Si)-Total	mg/L	0.1	<0.1	<0.1
Silver (Ag)-Total	mg/L	0.001	<0.002	<0.001
Sodium (Na)-Total	mg/L	2.5	7050	7280.0
Strontium (Sr)-Total	mg/L	0.05	4.6	4.82
Sulphur (S)-Total	mg/L	150	495	538
Thallium (Tl)-Total	mg/L	0.0005	<0.001	<0.0005
Tin (Sn)-Total	mg/L	0.25	<0.5	<0.25
Titanium (Ti)-Total	mg/L	0.25	<0.5	<0.25
Uranium (U)-Total	mg/L	0.005	<0.01	<0.005
Vanadium (V)-Total	mg/L	0.25	<0.5	<0.25
Zinc (Zn)-Total	mg/L	0.25	0.5	<0.25
Zirconium (Zr)-Total	mg/L	0.005	<0.01	<0.005