



BACK RIVER PROJECT

2024 ANNUAL REPORT FOR WATER LICENCE 2BE-GEO2025

DATE

March 2025

REFERENCE

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BACK RIVER PROJECT

2024 ANNUAL REPORT FOR WATER LICENCE 2BE-GEO2025

March 2025

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

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EXECUTIVE SUMMARY – ENGLISH

B2Gold Back River Corp. (B2Gold Nunavut) has filed its Annual Report on its activities during 2024 under Water Licence No. 2BE-GEO2025 (the Licence) issued by the Nunavut Water Board (NWB; the Board). As set out in Part B, Item 2 of the Licence, the report includes information with respect to the following topics:

- ◆ A summary report of water use and waste disposal;
- ◆ A list of unauthorized discharges and a summary of follow-up actions taken;
- ◆ Any revisions to plans under this Licence;
- ◆ A description of all progressive and/or final reclamation work undertaken, if any, including photographic records of site conditions before, during, and after completion of operations;
- ◆ A report of any artesian flow occurrences;
- ◆ A summary of all information requested and the results of the monitoring program;
- ◆ Any temporary camp locations; and
- ◆ Any other details on water use or waste disposal requested by the Board.

ATANGUYAT NAITTUMIK

B2Gold Back River Corp. (B2Gold Nunavut) iniiqtait Ukiumi Uniudjutit hulidjutinun atuqtilugu 2024 ataani Imakkut Laisip No. 2BE-GEO2025 (Laisiq) tuniyauyuq hapkunanga Nunavunmi Imaliqiyiit Katimayiit (NWB; Katimayiit). Titiraqhimayuq uvani Ilangani B, Hunat 2 haffumani Laisip, uniudjutit ilauyut kangiqhidjutit pittiaqhugit hapkua uqagauyut:

- ◆ Naittumik uniudjutit imakkut atungniit uvalu iqakut igitauyut;
- ◆ Titiraqhimayut angiqtauhimangitut anipkaqnigit uvalu naittumik upidjutikhat piyauyut;
- ◆ Ihuaqhaidjutikharnik upalungairutikharnik uvani Laisikharni;
- ◆ Naunaiyautaa tamaita qanuriniit uvalu/uvaluuniin kinguliqmik havaffaaqniq havaktaukpat, piqaqat, ilauyut piksatigut naunaitkutit nayugait qanuginiit hivuani, atuqtilugu, uvalu iniiqtigata auladjutit;
- ◆ Uniudjutit quyaginaq hanauyaqtip auladjutait;
- ◆ Naittut tamaita kangiqhidjutit apiqhuutauyut uvalu qanuginiit munagidjutikkut pinahuagutit;
- ◆ Tadjakaffuk tangmaarvikhangit nayugait; uvalu -Aalat naunaiyautit imakkut atuqniitigut uvaluuniin iqakunik igitauyut hapkunanga Katimayiinin.

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ACRONYMS AND ABBREVIATIONS

B2Gold Nunavut	B2Gold Back River Corporation
the Board, NWB	Nunavut Water Board
the Licence	Water Licence 2BE-GEO2025

1. INTRODUCTION

This report to the Nunavut Water Board (the Board; NWB) has been prepared to summarize the project activities and monitoring undertaken by B2Gold Back River Corp. (B2Gold Nunavut) during 2024, in accordance with Part B, Item 2 of Water Licence 2BE-GEO2025 (the Licence). This Licence was renewed on March 10, 2020 and will expire on May 29, 2025. The NWB Annual Report Form can be found in Appendix A of this report.

No activities were undertaken in association with the George exploration project in 2024. The camp was inspected by B2Gold Nunavut on May 28, 2024 to ensure it remained in stable condition; no issues were identified.

Community consultation undertaken by B2Gold Nunavut in 2024 is outlined in the Annual Report for Water Licence 2AM-BRP1831.

2. ANNUAL REPORT PER PART B, ITEM 2

This section of the report has been constructed to address each of the requirements of Part B, Item 2 of the Licence. For ease of comparison, each subheading corresponds directly with the identically alphabetized subheading of Part B, Item 2 of the Licence.

2.a Summary report of Water use and Waste disposal activities including the following:

2.a.i Quantity of Water (in cubic metres/year) obtained for domestic and other purposes from sources on, in or flowing through Inuit-Owned Lands

No water was obtained under this Licence from sources on, in, or flowing through Inuit-Owned Lands in 2024.

2.a.ii Quantity of Water (in cubic metres/year) obtained for domestic and other purposes from sources on, in or flowing through Crown Lands

No water was obtained under this Licence from sources on, in, or flowing through Crown Lands in 2024.

2.a.iii Quantity of Waste disposed at on-site Waste disposal facility and Waste backhauled to approved facility for disposal

No waste was generated, disposed of, or backhauled under this Licence in 2024.

2.b List of unauthorized discharges and a summary of follow-up actions taken

No spills meeting or exceeding the NWT/NU spill reporting thresholds occurred in 2024 under this Licence.

2.c Any revisions to the Spill Contingency Plan, Abandonment and Restoration Plan and any other plans, submitted in the form of an addendum, including record of revisions, as required by Part B, Item 7

No management plans specific to this Licence were revised in 2024.

2.d Description of all progressive and/or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations

No progressive and/or final reclamation activities related to this Licence were undertaken in 2024.

2.e Report all artesian flow occurrences as required under Part F, Item 3

No artesian flows were encountered in 2024.

2.f Summary of all information requested and results of the Monitoring Program

No information requests were made in 2024.

Part J of the Licence, Conditions Applying to the Monitoring Program, indicates that the following information be included in the Annual Report:

1. **The Licensee shall maintain the following monitoring station(s): GEO-1 Final Discharge Point from the Bulk Fuel Storage Facility (Volume / Water quality).**

No water was discharged from monitoring station GEO-1 (the George Camp Bulk Fuel Storage Facility) in 2024.

2. **The Licensee shall measure and record, in cubic metres, the daily quantities of Water utilized for camp, drilling and other purposes.**

No water was used under this Licence in 2024.

3. **The Licensee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where sources of Water are utilized for all purposes.**

No water was used under this Licence in 2024.

4. **The Licensee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where Wastes associated with camp operations and drilling operations are deposited.**

5. **No wastes were generated or deposited under this Licence in 2024. The Licensee shall obtain representative samples of the Water column below any ice where required under Part F, Items 5 and 6.**

Part F, Items 5 and 6 outline water sampling requirements for on-ice drilling programs. No drilling was undertaken in association with this Licence in 2024.

6. **All sampling, sample preservation and analysis shall be conducted in accordance with methods prescribed in the current edition of *Standard Methods for the Examination of Water and Wastewater*, or by such other methods approved by the Board in writing.**

No sampling, preservation or analysis was conducted under this Licence in 2024.

7. **All analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.**

No analyses were conducted under this Licence in 2024.

8. **The Licensee shall include in the Annual Report required under Part B, Item 2 all data, monitoring results and information required by this Part.**

All required information is provided within this report and appendices.

9. **Additional monitoring requirements may be requested by the Inspector.**

No additional monitoring was requested by the Inspector in 2024.

2.g GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) for the locations of all temporary camps established in support of the project, if the actual co-ordinates differ from that provided in the application

No temporary camps were established under this Licence in 2024.

2.h Any other details on Water use or Waste disposal requested by the Board by November 1 of the year being reported

No requests related to water use or waste disposal were made by the Board in 2024 in relation to this Licence.

APPENDIX A NWB ANNUAL REPORT FORM

NWB Annual Report

Year being reported:

Select ▼

2024

License No: 2BE-GEO2025

Issued Date: March 10, 2020

Expiry Date: May 29, 2025

Project Name: George Lake, Back River Project

Licensee: B2Gold Nunavut

Mailing Address:
Suite 3400, Park Place, 666 Burrard Street
Vancouver, British Columbia, Canada V6C 2X8

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

B2Gold Nunavut

General Background Information on the Project (*optional):

Licence Requirements: the licensee must provide the following information in accordance with

Part B ▼

Item 2 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	None
Water Quantity:	45
	Quantity Allowable Domestic (cu.m/day)
	None
	Actual Quantity Used Domestic (cu.m)
	130
	Quantity Allowable Drilling (cu.m/day)
	None
	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☐ Solid Waste Disposal
- ☐ Sewage
- ☐ Drill Waste
- ☐ Greywater
- ☐ Hazardous
- ☐ Other:

Additional Details:

No waste generated, disposed of, or backhauled under this Licence in 2024.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

There were no unauthorized discharges under this Licence in 2024.

Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed ▼

Additional Details:

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed ▼

Additional Details:

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

No reclamation work undertaken in 2024.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Not Applicable (N/A) ▼

Additional Details:

No water was used under this Licence in 2024.

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Not Applicable (N/A) ▼

Additional Details:

No wastes were generated or deposited under this Licence in 2024.

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (date of request, analysis of results, data attached, etc)

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

Any additional comments or information for the Board to consider

Date Submitted:

March 31, 2025

Submitted/Prepared by:

Merle Keefe/Katsky Venter

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