



BACK RIVER PROJECT

2023 Annual Report for Water Licence 2BE-MLL2328

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**Prepared for
B2Gold Nunavut**

**Submitted to
Nunavut Water Board**

March 2024

BACK RIVER PROJECT

2023 2BE-MLL2328 Annual Report

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Acronyms

B2Gold Nunavut	B2Gold Back River Corp., known as B2Gold Nunavut, a subsidiary of B2Gold Corp.
CIRNAC	Crown Indigenous Relations and Northern Affairs Canada
KIA	Kitikmeot Inuit Association
The Licence	Water Licence 2BE-MLL2328
NIRB	Nunavut Impact Review Board
MLA	Marine Laydown Area
NWB	Nunavut Water Board
The Project	Back River Project
Sabina	Sabina Gold & Silver Corp.

Executive Summary - English

B2Gold Back River Corp. (B2Gold Nunavut) has filed its Annual Report on its activities during 2023 under Water Licence No. 2BE-MLL2328 (the Licence) issued by the Nunavut Water 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;
- Any temporary camp locations;
- Any other details on water use or waste disposal requested by the Board.

$$\Delta a \Delta \dot{a}^{\epsilon_b} r_L^{\epsilon_b} - \Delta \varphi^b \Pi \mathcal{D}^c \rho^{\epsilon_c} \mathcal{L}^{\epsilon_c} \Gamma^c$$
[illegible]

- [illegible]

Ataniuyunut Nainaqhimayuq - Inuinnaqtun

B2Gold Back River Corp. (B2Gold Nunavut) tuniyat Ukiumun Tuhaqhitaq hulinigmingnut atuqtitlugu 2023 malikhugu Imaqmun Laisa Nappaa 2BE-MLL2328 (tamna Laisa) tuniyat tapkuat Nunavut Imaliriyit Katimayit. Ihuahqaniagut talvani Ilanga B, Tiraq 2 talvani Laisa, tamna tuhaqhittaut ilalik tuhagakhataq piplugu tahapkuat pityutit:

- Tamna nainaqhimayuq tuhaqhitaq immaq atuqnia iqakutlu iqaqni;
- Titigat pilaqtitnagit kuvipkaqni naunainaqnialu kinguagurutit huliniit piyauni;
- Kitutliqak nutanguqtauni parnautit malikhugu una Laisa;
- Unniqtut tamaitnut pivaliayauni tamnalu uvaluniit kingulliqpaq halumaqtirini havat havariyauni, piqaqat, ilautitlugit piksaluqhimaqut titiqnit havakviup qanuritni hivuani, atuqniani kinguagutlu iniqtauni aulatyutit;
- Tuhaqhitaq kitunutliqak immaktaqvut nunap iluanit piyaunit;
- Kitutliqak atullaktut hiniktaqvut inait;
- Kitutliqak ahii unniqtuttiaqni immaq atuqni uvaluniit iqakut iqaqni tukhiatai Katimayit.

1. Introduction

This report to the Nunavut Water Board (NWB) has been prepared to summarize the project activities and monitoring undertaken by B2Gold Back River Corp. (B2Gold Nunavut) during 2023, in accordance with Part B, Item 2 of Licence 2BE-MLL2328 (the Licence). The NWB Annual Report Form can be found in Appendix A of this report.

Wishbone-Malley Project is part of B2Gold Nunavut's overall Back River Project which includes the George and Goose exploration camps, the mine facilities under construction at Goose, the Marine Laydown Area (MLA) at Bathurst Inlet, and interconnecting ice and winter roads. The Back River Project is located within the West 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 Project is located predominantly within the Queen Maud Gulf Watershed.

In April of 2023, B2Gold Nunavut purchased Sabina Gold and Silver Corp. (Sabina), including the Back River Project. The Back River Project is now wholly owned and operated under B2Gold Nunavut, a subsidiary of B2Gold Corp. The Project is fully financed and B2Gold Nunavut will be continuing activities at the Back River Project.

Currently, no infrastructure or equipment is located at the Wishbone-Malley exploration area, although the Licence permits the construction of seasonal or temporary camps. B2Gold Nunavut continues to support any Wishbone-Malley exploration activities out of existing Back River Project facilities, minimizing cumulative exploration activity footprint. This includes the housing of personnel at Goose, George or Marine Laydown Area (MLA) camps and making use of approved facilities and management plans for those sites, including in for the disposal of wastes.

No infrastructure or equipment is currently located at the Wishbone-Malley Project and no exploration activities took place in 2023. B2Gold Nunavut submitted an application for Licence renewal to the Nunavut Planning Commission in 2022 and has subsequently forwarded the application to the Nunavut Water Board. A renewed Water Licence (2BE-MLL2328) was issued by the NWB on May 5, 2023, replacing 2BE-MLL1722. 2BE-MLL2328 will expire on May 4, 2028.

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 Water Licence 2BE-MLL2328.

A. SUMMARY OF WATER USE AND WASTE DISPOSAL

No water was used under this Licence or wastes deposited in 2023.

B. QUANTITY OF WATER USE FROM INUIT OWNED LANDS

No water was withdrawn under this Licence from water sources located on Inuit Owned Lands in 2023.

C. QUANTITY OF WATER USE FROM CROWN LANDS

No water was withdrawn under this Licence from water sources located on Crown Land in 2023.

D. QUANTITY OF WASTE DISPOSED ON-SITE

No waste was generated or disposed of under this Licence in 2023.

E. QUANTITY OF WASTE BACKHAULED

No waste was generated or backhauled under this Licence in 2023.

F. UNAUTHORIZED DISCHARGES AND FOLLOW-UP

No hydrocarbon spills to water or triggering the NWT/NU spill reporting thresholds occurred in 2023.

G. MANAGEMENT PLAN REVISIONS

With the issuance of Water Licence 2BE-MLL2328, the NWB approved the following management plans:

Date	Plan
2022 May	Back River Project Exploration Spill Contingency Plan
2022 June	Exploration Non-Hazardous Waste Management Plan
2022 May	Back River Project Abandonment and Restoration Plan, Wishbone – Malley

H. PROGRESSIVE AND FINAL RECLAMATION

No reclamation activities related to this Licence were undertaken in 2023. No structures or equipment have been constructed.

I. ARTESIAN FLOWS

No drilling took place under this licence in 2023 and no artesian flows were intercepted.

J. INFORMATION REQUESTS AND RESULTS OF MONITORING PROGRAM

No water was used for any purposes under this Licence in 2023. No water was discharged in 2023.

No inspections were conducted by CIRNAC specific to this Licence in 2023.

K. SUMPS AND DRILL HOLE LOCATIONS

No drilling or discharge to sumps took place in 2023.

L. TEMPORARY CAMP LOCATION(S)

No temporary camps were established under this Licence in 2023.

M. SUMMARY OF CONTRUCTION ACTIVITY/MODIFICATIONS

No construction activity, modifications or major maintenance took place in 2023.

N. CONSULTATION SUMMARY

No consultation specific to this Licence was undertaken in 2023.

O. BOARD REQUESTS RE: WATER USE AND WASTE DISPOSAL

No requests related to water use or waste disposal were made by the Board in 2023.

Appendix A NWB Annual Report Form

NWB Annual Report

Year being reported:

Select ▼

2023

License No: 2BE-MLL2328

Issued Date:

May 5, 2023

Expiry Date:

May 4, 2028

Project Name:

WISHBONE-MALLEY PROJECT

Licensee:

B2Gold Back River Corp.

Mailing Address:

#1800 - 555 Burrard Street, Box 220, Vancouver, BC,
V7X 1M7

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

B2Gold Back River Corp.'s

General Background Information on the Project (*optional):

See report introduction

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):

N/A

Water Quantity:

70

Quantity Allowable Domestic (cu.m/day)

0

Actual Quantity Used Domestic (cu.m/yr)

130

Quantity Allowable Drilling (cu.m/day)

0

Total Quantity Used Drilling (cu.m/yr)

Waste Management and/or Disposal

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

Additional Details:

No activities were undertaken under this Licence in 2023.

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

Spill No.:

0

(as reported to the Spill Hot-line)

Date of Spill:

N/A

Date of Notification to an Inspector:

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

Revisions to the Spill Contingency Plan

Other: (see additional details)

Additional Details:

Revisions to the Abandonment and Restoration Plan

Other: (see additional details)

Additional Details:

Progressive Reclamation Work Undertaken

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

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:

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:

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

Inspection Report received by the Licensee (Date):



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

Any additional comments or information for the Board to consider

No infrastructure or equipment is currently located at the Wishbone-Malley Project and no exploration activities took place in 2023. B2Gold Nunavut purchased Sabina Gold and Silver Corp, along with this Project, in 2023. A renewal of this Licence was issued in 2023.

Date Submitted:

March 18, 2024

Submitted/Prepared by:

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