

Water Licence Inspection Report

☒Original

☐Follow-Up Report

Authorization	Representative
B2 Gold Corp.	Chris LeGoffe
Authorization No. / Expiry	Representative's Title
2AM-BRP1831	Superintendent, Environment
Inspection Date	Inspector
October 21 & 22, 2025	RMO Kyle Amsel
Other Authorization/s	
Activities Inspected	
<input checked="" type="checkbox"/> Camp, Commercial <input type="checkbox"/> Drilling <input checked="" type="checkbox"/> Mining <input checked="" type="checkbox"/> Construction <input checked="" type="checkbox"/> Reclamation <input checked="" type="checkbox"/> Fuel Storage <input checked="" type="checkbox"/> Roads/Hauling <input type="checkbox"/> Winter Hauling <input type="checkbox"/> Camp, Private <input checked="" type="checkbox"/> Other Runway	

Section 1 Comments;

On October 21st and 22nd, 2025 Resource Management Officer Kyle Amsel and Resource Management Officer James Bolt (Inspector) for Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) conducted an Inspection of Water Licence 2AM-BRP1831 (Licence) issued to B2 Gold Corp. for use of water and deposit of waste in support of a Mining Undertaking (Undertaking)

Preliminary Information

The purpose of the inspection was general compliance. The inspection consisted solely of the Goose Property (main camp, mill and mining activities). The Winter Road was not in operation and the Marine Lay Down (MLA) was not inspected.

First gold pour for this project occurred on June 30, 2025 and the mine is currently operational.

Observations

1) Water Usage BRP-24

a) Water usage on the water meter at time of inspection read 42,997.9m³. The Inspector notes the meter likely rolled over however this was not confirmed with representatives.

b) The sample station sign required under Part I Item 7 is on the intake barge and water quality samples are taken directly in the lake. The Inspector notes that BRP-24 also has a volume metric for water consumption of the camp and an associated water meter which is located in a sea can on shore where a water header is located. A signs indicating the volume is recorded at this location must be installed to be compliant with Part I Item 7. (Photo 1 and 2)

c) No signs to fulfill Part B Item 17 are present which notify public of water supply and waste disposal facilities.

2) The Inspector notes no monthly reports are available on the Nunavut Water Board (NWB) registry. NWB confirms no monthly reports have been submitted since 2020. Part I Item 18 requires submission of monthly reports.

3) Hazardous Material and Hazardous Waste. Hazardous material storage at the MLA was not inspected or considered in this report.

a) Sea can Laydown

i) This Laydown is generally located N65° 32' 51.7" W106° 30' 37.3" and anatomically located North of the main camp site near the drainage for Goose Lake.

ii) The Inspector notes this area is not lined or meets the definition of secondary containment. The Inspector further notes that runoff from this location would report into Goose Lake. (Photo 3)

iii) Material in this area is organized by material types. A list of stored material at the laydown was provided which includes a number of hazardous materials including but not limited to: engine oil, hydraulic oil, gear oil, Diesel Exhaust Fluid (DEF/Urea), mill reagents, mixed coolants. The Hazardous Materials Management Plan (HMMP) 7.2.4 requires liquid hazardous materials to be stored in secondary containment.

b) Hazardous Waste Management Areas

i) The Inspector notes there are multiple Hazardous Waste Management areas throughout the project. Each site has different containers for various types of waste (aerosol, used filters, clean wood, etc.)

ii) Several sites were noted to have waste improperly stored and stored inconsistently throughout the project and not compliant with the Part B Item 15 with the HMMP and Part H Item 3 of the Licence. (Photo 4)

- iii) Representatives stated waste oil is burned in waste oil furnaces. Using waste oil in specifically designed waste oil furnaces is common in a variety of industries. Part F Item 10 states waste oil shall be backhauled.

c) Fuel Management Areas

i) Part H Item 3 of the Licence requires secondary containment for fuel storage. The definition for secondary containment in Schedule A requires fuel hoses and nozzles to be within containment.

ii) The Inspector noted the standard fueling setup used by the Undertaking is, 75,000L double wall fuel tanks connected by rubber fuel rated hose to a pump nozzle system. No secondary containment berms are associated with these fueling set ups which are located in areas away from the Bulk Storage Facility.

iii) The Bulk Storage Facility refueling station is noted not to have sufficient secondary containment. Review of the drawings provided for construction does not include a berm or secondary containment structure.

iv) The Inspector notes fuel management on site does not comply with Part H Item 3 of the Licence.

v) The Inspector notes that under Part D Item 11 a design report is required for all structures designed to contain waste (including secondary containment for a refueling system) within 90 days of completion. A review of the FTP site yielded no construction summaries for refueling areas.

d) The inspector notes that general use of secondary containment throughout the project is lacking.

4) Contact Water Management

a) Contact water is defined in Schedule A of the Licence as “any water that may be physically or chemically affected by mining activities, including all runoff and seepage from Waste Rock Storage Areas (WRSA), Ore Stockpiles and other mine facilities”

b) The Inspector notes that the Plant Site Pond (Photo 5) intended to collect water from the main site and mill area does not have drainage collection ditches which would direct runoff to the infrastructure.

c) No infrastructure is apparent which collects or re-directs contact water runoff from the main site and mill area.

d) Part F Item 17 of the Licence requires effluent from Ore stockpiles, some of which are located in the mill area to be managed as indicated in that section.

5) Dykes and containment ponds

a) The Inspector noted no concerns with the primary pond or the primary pond dam. (Photo 6 & 7)

6) Boneyard

a) The Inspector noted large quantities of scrap equipment on the site’s boneyard. Representative stated plans are in place for landfilling the equipment. The Inspector notes this may be compliant with Part J of the licence however is concerned with the quantity of equipment proposed to be landfilled and will continue to monitor the situation. (Photo 8)
- Section 2 Non-Compliance
- Failure to comply with Licence

-Part H item 3, failure to provide secondary containment

-Part I Item 18, failure to submit monthly reports

-Part I Item 7, failure to sign sample station for volumetric monitoring component of BRP-24

-Part I Item 17, failure to post signs notifying public of water supply and waste disposal facilities

-Part F Item 17, failure to manage effluent from ore stockpiles

-Part H Item 2, failure to prevent un-authorized wastes from entering water including contact water
- Section 3 Action Required
- The Licensee shall immediately place adequate secondary containment for all small waste management areas which are located throughout the site.

• The Licensee shall submit with the 2025 annual report a document outlining the installation and management of secondary containment for refueling areas. The report will meet licence obligations and provide a timeframe for the installation.

• The Licensee shall enter into discussions with regulatory agencies regarding:

○ Management of surface contact water generated by mining operations, specifically runoff from the main site of operations including ore stockpiles and mill area

○ Storage of hazardous materials inside marine shipping containers not inside secondary containment

A report will be submitted with the 2025 annual report of these discussions, and a timeframe for any required construction

• The Licensee shall enter into discussions with regulatory agencies regarding the continued use of waste oil furnaces.

• The Licensee shall install signs notifying public of water supply and waste disposal facilities.

Section 4 Other

Canada

[2025-KIV26-KA]


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Licensee or Representative	Inspector's Name
Chris LeGoffe Jamie Richards	RMO Kyle Amsel
Signature	Signature
Date	Date
November 18 2025	November 13, 2025

Office Use Only: Follow-up report to be issued by Inspector ☐ Yes ☐ No

PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
Tuesday, October 21, 2025	2AM-BRP1831	Panasonic Coolpix	RMO Kyle Amsel
Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)		
Photo 1	NA		



Description:
Water Intake Barge at BRP-24.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 2	NA
	
Description: Water meter for BRP-24.	

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 3	N65° 32' 51.7" W106° 30' 37.3"
	
Description: Seacan laydown on right. Left drainage leading to Goose Lake with lake in distance center.	

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 4	N65° 32' 31.4" W106° 29' 11.2"



2025.10.21

Description:

Waste management area near tote storage area. Note oil pails outside of containment.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 5	N65° 32' 37.3" W106° 30' 3.1"



2025.10.22

Description:

Plant Site Pond.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 6	N65° 33' 26" W106° 31' 22"



2025.10.22

Description:
Primay Pond

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 7	N65° 33' 23" W106° 31' 25"



2025.10.22

Description:
Primary Pond Dam

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 8	N65° 31' 59" W106° 27' 9"
	
Description: Boneyard. Note equipment parked in distance is still in use for winter road operations	