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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**File: 2AM-BRP1831 / D2**

May 7, 2026

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**RE: Type A Water Licence No: 2AM-BRP1831 for the Back River Project; B2Gold Nunavut; Design Report for Landfarm Facility at the Goose Mine site**

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Dear Mr. LeGoffe:

On March 2, 2026 the Nunavut Water Board (NWB or the Board) received a Design Report and drawings from B2Gold Nunavut (B2Gold or Licensee) titled “Landfarm Facility Design & Construction Summary Memo”. This notification is required under Part D, Item 2 of the type A Water Licence 2AM-BRP1831.

The document outlines B2Gold Nunavut’s proposal to construct a Landfarm or Soil Treatment Facility (STF), for the purpose of remediating hydrocarbon contaminated soils on-site. The facility will be constructed with impermeable HDPE liner and sloped so any water in the cells is collected in a ‘sump’. This water will be managed in accordance with the discharge criteria specified in the Water Licence.

Construction is planned to occur in two phases. Phase 1 will involve the placement of Run of Quarry (ROQ) material on the footprint of the proposed landfarm during frozen conditions to maintain thermal protection and ultimately safeguard the facilities’ structural integrity pre-construction. Phase 2 will be completed in the summer season of 2026 to allow for optimal conditions for material placement and compaction. The construction duration will take approximately 8 weeks to complete; construction through commissioning.

B2Gold Nunavut has committed to using only non-potentially acid generating (NPAG) rock for the construction of the Landfarm. Effective sediment and erosion control measures will be adhered to during construction activities to prevent sediment from entering any waterbodies.

On March 2, 2026, the NWB distributed the Design Report for a public review, parties were invited to submit comments by April 1, 2026. The Kitikmeot Inuit Association (KIA) and Fisheries and Oceans Canada (DFO) made submissions on March 30 and March 5, 2026, respectively. In their submissions they mentioned that they had no concerns at this time.

Crown-Indigenous Relations and Northern Affairs (CIRNA) requested an extension on March 31, 2026 and submitted their information requests on April 10, 2026.

B2Gold Nunavut replied to interveners' recommendations on April 10, 2026. CIRNA provided confirmation, on May 5, 2026, that their concerns were addressed by the Licensee's responses.

Below is a summary of comments from Crown-Indigenous Relations and Northern Affairs (CIRNA):

1. CIRNA requested details regarding erosion and sediment controls and the locations.

Response: B2Gold Nunavut stated that "*Erosion and sediment control measures will be concentrated at the downgradient (southern) perimeter of the Landfarm footprint and along the construction access route. Properly keyed-in silt fencing will be installed at the base of all disturbed slopes to intercept runoff. A combination of erosion devices will be used to mitigate sedimentation from the newly constructed pad.*" Further B2Gold Nunavut explained inspections, protocols and controls to be used for this activity.

2. CIRNA requested the plans and tasks required in order to monitor and manage the collected runoff, snow and ice melt, and leachate.

Response: B2Gold Nunavut stated that they are committed to ensuring that all contact and contaminated water is managed in a manner that protects the receiving environment and complies with the requirements of the Water Licence. Further, B2Gold Nunavut will monitor and manage runoff, snowmelt, and leachate through regular inspections, water testing, and controlled handling. Fluids will be tested before discharge and then either released (if compliant), reused onsite, or treated if contaminated. Snow will be managed to limit spring melt impacts. All data will be recorded and reported in the Annual Report.

3. CIRNA requested clarification whether the access roads will be included in this application, and asked for a description of the access roads with plans and dimensions.

Response: B2Gold Nunavut stated that the landfarm will be accessed via an existing all-weather access road. A new access road will be constructed to gain access to the cells. B2Gold plans to file a separate submission for an expanded pad for a new Waste Management Facility. Access road dimensions and location were provided in an Appendix.

4. CIRNA recommended B2Gold to develop detailed water control plans for the Landfarm, covering extreme weather and spring melt, proximity to waterbodies, runoff monitoring, groundwater protection, and drainage during and after construction, with clear location-specific measures.

Response: B2Gold Nunavut stated that surface water will be controlled through grading that directs contaminated runoff to a lined sump, while diversion berms keep clean runoff out. Groundwater will be protected using an impermeable HDPE liner and maintaining separation from the water table.

For extreme weather and spring melt, the facility will lower sump levels in advance, remove snow to reduce meltwater, and maintain sufficient freeboard for large storms. Collected water will be tested and discharged only if it meets regulatory standards; otherwise, it will be treated. Finally, the site is located well beyond required buffer distances from nearby waterbodies, and construction will include defined drainage and control features to prevent sedimentation.

Copies of all documents received in support of the Design Report submissions can be accessed through the NWB's Public Registry using the following Link:

[Landfarm Facility Design Report](#)

*NWB's Review and Decision*

The NWB, having fully reviewed the Licensee's request in the context of potential impact of the proposed activities on the freshwater environment, and consistency of the proposed activity in relation to the scope of the Licence, determined that the proposed activity is consistent with the scope of activities considered under the Licence issued to the Project. Therefore, by way of this correspondence, the Board authorizes B2Gold Nunavut to undertake the construction of the Landfarm Facility.

Further, in keeping with Part D, Item 11 of the Licence's terms and conditions, the submission of post-construction information, including as-built plans and drawings, shall remain applicable to this authorization. The Board also advises that a Construction Summary Report should be provided as per Licence terms and conditions.

The Licensee is advised that the Board's review of this document is a verification that the proposed activity is consistent with the existing terms and conditions of the Licence and more specifically with Part D, and may proceed in accordance with the design specifics and drawings provided. It should be noted that the Board's acceptance is NOT intended or offered as any representation regarding the suitability of the plans nor third-party verification of the design, construction, planning or engineering discussed in the notice of construction and accompanying documents.

Should you have any questions regarding the above, please contact the NWB Licensing Department by email to [licensing@nwb-oen.ca](mailto:licensing@nwb-oen.ca) or by phone at (867) 360-6338.

Sincerely,



Mohammad Ali Shaikh  
Technical Advisor,  
Nunavut Water Board,

as/rqd

Cc: Distribution List – Back River