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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No: 2BE-EQE2636

July 29, 2026

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Email: jon.hey@baffinland.com

RE: NWB Replacement Water Licence No: 2BE-EQE2636

Dear Lou Kamermans and Jon Hey:

Please find attached Licence No: 2BE-EQE2636 issued to the Baffinland Iron Mines Corporation (Baffinland or Applicant or Licensee) by the Nunavut Water Board (NWB) pursuant to its authority under Article 13 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada (Nunavut Agreement)*. The terms and conditions of the attached Licence related to the use of Water and the deposit of Waste are an integral part of this approval.

If the Licensee contemplates the continuing of this Undertaking after the Water Licence expires, it is the responsibility of the Licensee to apply to the NWB for a replacement water licence. The past performance of the Licensee, new documentation and information, and issues raised during a public hearing, if the NWB is required to hold one, will be used to determine the terms and conditions of the replacement Water Licence. Note that if the Licence expires before the NWB issues a new one, then the use of Water and the deposit of Waste must cease, or the Licensee may be in contravention of the *Nunavut Agreement* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act (NWNSRTA)*. However, the expiry or cancellation of a licence does not relieve the holder from any obligations imposed by the licence. The NWB recommends that an application for the replacement of this Licence be filed at least **three (3) months** prior to the Licence expiry date.

If the Licensee contemplates or requires an amendment to this licence, the NWB may decide, in the public's interest, to hold a public hearing. The Licensee should submit applications for amendment as soon as possible to give the NWB sufficient time to go through the amendment process. The process and timing may vary depending on the scope of the amendment; however, a minimum of **sixty (60) days** is required from time of acceptance by the NWB. It is the responsibility of the Licensee to ensure that all application materials have been received and are acknowledged by the Manager of Licensing.

It should be noted that in accordance with s. 75(1)(a) of the *Nunavut Planning and Project Assessment Act (NuPPAA)*, the Board is not allowed to issue a permit or authorization for any project proposal that has not been submitted to the Nunavut Planning Commission (NPC) in accordance with s. 76 of *NuPPAA*.

The NWB strongly recommends that the Licensee consult the submissions received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), Environment and Climate Change Canada (ECCC), and the Qikiqtani Inuit Association (QIA) on issues identified. This information is attached for your consideration.¹

Sincerely,

Lootie Toomasie
Nunavut Water Board,
Chair

LT/aj/rh

Enclosure: Renewal Licence No: 2BE-EQE2636

Comments – CIRNAC, ECCC, QIA

Cc: Distribution List – Qikiqtani

¹ Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), May 25, 2026; Environment and Climate Change Canada (ECCC), May 22, 2026; and Qikiqtani Inuit Association (QIA), May 7, 2016.

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DECISION

LICENCE NUMBER: 2BE-EQE2636

This is the decision of the Nunavut Water Board (NWB) with respect to an Application dated April 16, 2026, for the renewal of type B Water Licence made by:

BAFFINLAND IRON MINES CORPORATION

to allow for the use of Water and the deposit of Waste during camp operations and activities related to exploration that include prospecting, geophysical work, drilling, quarrying, geological mapping, rock and till sampling, a backpack drill program, and construction of access trails and airstrip at the Ege Bay Exploration Program located within the Qikiqtani Region, Nunavut, generally located at the geographical coordinates as follows:

Project Extents:

Latitude: 69° 38' 32.31" N	Longitude: 77° 13' 45.39" W
Latitude: 70° 08' 43.27" N	Longitude: 75° 42' 15.92" W
Latitude: 69° 58' 14.53" N	Longitude: 75° 13' 47.09" W
Latitude: 69° 28' 18.31" N	Longitude: 76° 45' 11.40" W

Camp Location(s):

Latitude: 69° 37' 48.95" N	Longitude: 76° 39' 47.38" W
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DECISION

After having been satisfied that the Application is for a proposal that was previously reviewed by the Nunavut Planning Commission (NPC)² and for which the conformity determination dated April 17, 2018, remains applicable, falls outside of an area with an approved land use plan, was previously screened by the Nunavut Impact Review Board (NIRB)³, is exempt from the requirements for screening as NPC is of the understanding that the activities do not change the general scope of the original Project, the NWB decided that the Application could proceed through the regulatory process. In accordance with s. 55.1 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NWNSRTA or *Act*) and Article 13 of the *Nunavut Agreement*, public notice of the Application was given and interested persons were invited to make representations to the NWB.

After reviewing the submission of the Applicant and considering the representations made by interested persons, the NWB, having given due regard to the facts and circumstances, the merits of the submissions made to it and to the purpose, scope and intent of the *Nunavut Agreement* and of the *Act*, waived the requirement to hold a public hearing, and determined that:

Licence No: 2BE-EQE1926 be replaced by Licence No: 2BE-EQE2636 subject to the terms and conditions contained therein. (Motion #: 2026-B1-015)

Lootie Toomasie
Nunavut Water Board,
Chair
LT/aj/rh

² Nunavut Planning Commission (NPC) Conformity Determination, dated April 15, 2026.

³ Nunavut Impact Review Board (NIRB) Screening Decision, dated August 17, 2018.

I. BACKGROUND

Eqe Bay is located on the west coast of Baffin Island, approximately 90 km south of Steensby Port, and 190 km east of both Igloolik and Hall Beach. The exploration area is located on Inuit Owned Land (IOL) Parcel IG-03, of which Inuit hold both surface rights and subsurface mineral rights. Baffinland holds a current exploration agreement with Nunavut Tunngavik Inc. (NTI) to explore the mineral potential in this area, and also holds federal mineral claims covering adjacent Crown Lands and part of IG-02.

The Eqe Bay Exploration Program (Project) commenced with surface sampling and an archeological survey of the area in 2018. Activities in 2019 included geological and structural mapping, grab sampling and ground geophysical surveys. In 2021, a geophysics survey, till sampling, geologic mapping, permafrost, and archaeological survey were completed. Continued desktop evaluations of geologic and geophysical data were conducted between 2022 and 2024. A camp was purchased for mobilization to site in 2021 pending issuance of a QIA Land Use Lease on IG03. Prospecting traverses were carried out on the Project in 2025. Baffinland conducted archaeological surveys of the proposed exploration area, including camp locations, in the summers of 2018 and 2021.

II. PROCEDURAL HISTORY

On April 16, 2026, the Nunavut Water Board (NWB or Board) received the renewal application (Application) for type B Water Licence 2BE-EQE1926 for Eqe Bay Exploration Program (Project). The following documents were submitted with the Application:

- Renewal Water Licence Application
- Cover Letter
- Project Description English
- Project Description Inuktitut
- Eqe Bay Figures
- NPC determination letter
- NIRB Screening Decision
- Renewal Compliance Assessment
- Closure and Reclamation Plan
- Spill Contingency Plan
- Environmental Inspection and Monitoring Plan
- Quality Assurance and Quality Control Plan
- Waste Management Plan
- Environment Protection Plan

On April 28, 2026, the NWB concluded that the Application generally met the requirements of section 48(1) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NWSRTA or Act) and forwarded notice of the Application to interested parties. Parties were invited to make representations to the NWB by May 22, 2026. Submissions were received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), Environment and Climate Change Canada (ECCC), and Qikiqtani Inuit Association (QIA) on May 25, 2026, May 22, 2026, and May 7, 2026

respectively.

On June 5, 2026, the Applicant provided response to comments and submitted the following revised documents:

- Project Proposal
- Closure and Reclamation Plan
- Spill Contingency Plan
- Inspection and Monitoring Plan
- Waste Management Plan
- Environmental Protection Plan

Parties were requested to confirm whether the response from Applicant addressed their concerns and recommendations. On June 19, 2026, CIRNAC and QIA provided their submissions. While QIA provided additional comments and recommendations, CIRNAC advised they have no further comments at this time. On June 30, 2026, BIMC submitted response to QIA's submission of June 19, 2026, and provided the following revised documents:

- Project Description
- Project Proposal
- Spill Contingency Plan
- Inspection and Monitoring Plan
- Environmental Protection Plan

The NWB has placed in its Public Registry copy of the Application, comments received from Interveners, and Applicant's response. This information can be accessed on the Public Registry through the following link:

<https://public.nwb-oen.ca/registry/2%20MINING%20MILLING/2B/2BE%20-%20Exploration/2BE-EQE2636%20BIMC/>

III. SUMMARY OF COMMENTS

Following are lists of subjects and topics on which parties provided their comments and recommendations. The Applicant is referred to the original submissions from parties for complete and detailed discussions on the concerns and issues highlighted, and to comply with their requirements. Additionally, as discussed in the Procedural History section above, the Applicant submitted revisions of various documents and management plans on June 5, 2026, and June 30, 2026, in response to comments and recommendations provided by Interveners. For discussion on management plans, please refer to section General Considerations – Management Plans.

Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)

CIRNAC in their submission of May 25, 2026, provided comments and recommendations related to the following subjects:

- Closure and Reclamation Plan
- Effluent discharge to water
- Closure uncertainties
- Reclamation estimate
- Spill Contingency Plan
- Open burning ash control and disposal
- Change Log updates

Environment and Climate Change Canada (ECCC)

ECCC in their submission of May 22, 2026, provided comments and recommendations related to the following topics:

- Active nest searches and project activities
- Updating contact information for the Canadian Wildlife Service
- Incineration of plastic waste
- Spill Contingency Plan – Additional mitigations
- Waste Management Plan – Additional mitigations
- Environmental Protection Plan – Additional mitigations

Qikiqtani Inuit Association (QIA)

QIA in their submission of May 7, 2026, and June 19, 2026, provided comments and recommendations related to the following topics:

- Discussion of project activities completed to date
- Proposed bathymetric and water quality surveys
- Conditions for temporary closure
- Maintenance of temporary water intakes
- Collation of water consumption by source
- Waste storage on site
- Intake pipe mitigation considerations
- Bird protection measures
- Caribou protection measures
- Dust suppression
- Water supply quantities
- Sewage and greywater disposal
- Wildlife protection procedures
- Fish passage and culvert design/construction
- Drill water use and disposal
- Spill Contingency Plan Document Revision Record
- Plan updates
- Purpose of the plan
- Spill response schematic
- Consistency
- Incineration of used sorbent

- Risk mitigation
- Spill Report Form
- Spill response supplies and equipment
- Material Safety Data Sheets

IV. GENERAL CONSIDERATIONS

The following sections provide general overview of the rationale for some of the main terms and conditions included under this Water Licence.

Term of the Licence

In accordance with s. 45 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (*NWNSRTA* or *Act*), the NWB may issue a licence for a term not exceeding twenty-five (25) years. In determining an appropriate term for a licence, the Board generally takes into consideration several factors including Interveners' comments, the Licensee's compliance history, as well as the rationale provided in the Application.

The Licensee requested in its Application, a ten (10) years term for this Licence. The parties did not express any concerns regarding the requested term for the renewal, and hence the NWB believes that a term of ten (10) years from current date is appropriate and will allow time to continue exploration work and plan for future project activities.

Annual Reports

Under Part B, Item 2 of the Licence, the Licensee is required to submit Annual Reports for the purpose of ensuring that the NWB has an accurate annual update of activities related to Water use and Waste disposal during each calendar year. This information is maintained on the Public Registry and is available to interested parties upon request. A "Standardized Form for Annual Reporting" is to be used by the Licensee and is available from the NWB Public Registry at the following link:

<https://public.nwb-oen.ca/other%20documents/Standardized%20Forms/>

Water Use

The previous Licence 2BE-EQE1926 authorized water use for all purposes not to exceed two hundred and ninety-nine (299) cubic metres per day, with twenty-nine (29) cubic metres per day for camp use and two hundred and seventy (270) cubic metres per day for drilling. The total water use requested by the Applicant for the renewal remains the same. The sources of water also remain unchanged; an unnamed lake referred to as Lake EB-1 to provide water to the camp, and an unnamed lake referred to as Lake EB-2 to provide water for drilling. Other lakes/ponds may also be used for drilling water as identified in the Application.

No concerns were expressed by the Interveners with respect to the requested freshwater quantity, or the manner in which it is proposed to be obtained or used. The Board has authorized the

Licensee to use a maximum of two hundred and ninety-nine (299) cubic metres of water per day under Part C, Item 1 of the Licence.

Deposit of Waste

The Application noted that the types of Waste that will be generated and/or deposited will remain similar to what was authorized in the previous licence. These include generation of sewage, solid waste, hazardous waste, bulky item/scrap metal, waste oil, and greywater. The Application also provided information on composition, quantity generated for each type of waste, and treatment and disposal methods for respective type of waste.

QIA in their submission provided a number of comments related to sewage and greywater disposal inquiring about what mechanism will result in the requirement of a second (or third) sewage treatment plant unit and to clarify what rates of sewage vs greywater are anticipated based on the camp's population and proposed daily withdrawal rates. QIA also asked for design details relating to soil infiltration capacity and estimated sump sizing and greywater flow rates to any sumps, and how discharge to the land will be managed to prevent erosion or a change in vegetation community.

The Applicant in their response provided additional information and stated that a third treatment plant is not anticipated based on the expected water use for the camp. The design details will be provided prior to construction as per the conditions of the Licence, and to mitigate erosion, energy dissipating materials will be utilized. If impacts are still identified, adaptive management measures including use of silt fencing, or relocation of the discharge line, will be implemented.

Camp Operation

Camp use is authorized under this Licence. A temporary exploration camp will initially consist of 11 trailer units capable of accommodating up to 50 people. The trailers will include single and double occupancy rooms, a kitchen, dining area, storage and limited recreation facilities. Provided initial exploration drilling is promising, the camp will likely be expanded with an additional 11 trailer units, for accommodation for up to 100 people total. The camp will be capable of being operated year-round.

The camp will be equipped with an incinerator, a potable water treatment plant, and a sewage treatment plant. Helicopters will be used to move drills and to transport workers between the drill and camp. Diesel and Jet fuel will be stored in drums within lined secondary containment areas. Workers and supplies will be delivered to the camp from either Mary River, Sanirajak or Igloodik using Twin Otter or similar aircraft.

Drilling Program

A reverse-circulation (RC) drill program is currently planned for the summer of 2026. This program will use one heli-portable RC drill to test previously identified drill targets. The total number of holes and meters to be drilled will depend on drill productivity, weather conditions and drilling results.

The scale of exploration program is planned to be increased over time, the scope would include the following:

- Operation of up to 8 RC or diamond drills
- Construction of a camp suitable to host 100-persons
- Use of a Twin Otter on tundra tires for personnel transport
- Implement bulk fuel storage using double-walled tanks
- Source construction materials from one or two quarries
- Construct access trails to connect the camp to exploration areas to reduce helicopter use
- Construct a small airstrip to improve air access to the site

At the conclusion of the exploration program, a closure and reclamation plan will be followed to remove all equipment and materials from the site and restore the area to the extent practical.

Management Plans

The following management plans were submitted as additional information with the Application:

- Waste Management Plan
- Spill Contingency Plan
- Closure and Reclamation Plan
- Environmental Inspection and Monitoring Plan
- Quality Assurance and Quality Control Plan
- Environment Protection Plan

Intervenors provided a number of comments related to the management plans. CIRNAC in their submission recommended the Applicant ensure all plans provided include complete and updated change logs. The Applicant in response provided tracked change versions of management plans where updates were made to address this recommendation.

Waste Management Plan

The Board previously approved the *Waste Management Plan BAF-PH1-400-P16-0005* dated February 22, 2019, with issuance of the previous Licence 2BE-EQE1926. With the current Application, the Applicant submitted an updated Waste Management Plan. A number of comments and recommendations were submitted by Intervenors related to the Waste Management Plan.

CIRNAC in their submission recommended incineration timelines be adjusted to make more time available for the burning of untreated wood. In lieu of this, an ash control plan should be created for the future open burning area including the area description and methods for controlling the waste before, during, and after (ash recovery and disposal). The Applicant in their response noted Ege Bay Open Burning of Untreated Wood, Cardboard and Paper Products Procedure has been appended to the revised Waste Management Plan. Additional details were also provided outlining procedures for open burning of waste and managing ash.

In their submission, ECCC recommended that an estimate of the quantity of plastics per batch that may be incinerated, especially plastics that contain chlorine molecules be included in the Waste Management Plan. ECCC also recommended that crushed empty drums and drum residuals are stored within the hazardous waste storage area, with secondary containment present. The Applicant provided additional information in their response and updated the relevant section of the Waste Management Plan to address these recommendations. Additionally, ECCC recommended specific measures to be added in the Waste Management Plan for implementation to reduce the possibility of fuel spills and to minimize the impacts of hydraulic oil spills. The Waste Management Plan was updated accordingly to address this.

QIA recommended additional detail regarding hazardous waste storage on site prior to shipment off site should be provided, including the frequency of shipments and expected volume relative to the capacity of hazardous waste storage on site. The Applicant referred to the specific section of Waste Management Plan for details regarding hazardous waste storage on site prior to shipment off site, and noted further details on the storage capacity will be provided with the detailed design prior to construction as required under relevant condition of the Licence.

As mentioned earlier, the Applicant submitted an updated Waste Management Plan addressing the relevant recommendation from Interveners. The Board has approved the plan entitled *Ege Bay Waste Management Plan BAF-PH1-400-P16-0005*, dated June 5, 2026, with the issuance of this Licence, and requires the Licensee to implement this Plan as applicable. Other terms and conditions related to waste disposal are included in Part D of the Licence.

Spill Contingency Plan

The Board previously approved the *Ege Bay Spill Contingency Plan BAF-PH1-400-P16-0002* dated February 22, 2019, with issuance of the previous Licence 2BE-EQE1926. With the current Application, the Applicant submitted an updated Spill Contingency Plan.

A number of comments and recommendations were submitted by ECCC and QIA related to the Spill Contingency Plan. The Applicant in their response submitted two iterations of Spill Contingency Plan addressing the recommendations.

ECCC in their submission recommended specific mitigation measures to be added to the Spill Contingency Plan for implementation. These recommendations included measures to reduce impacts from leaks such as from broken engine fuel filters; to reduce likelihood of a fuel tank overfill situation; and to minimize the impacts of hydraulic oil spills. The Applicant revised the Plan and incorporated these recommendations in the relevant sections.

QIA provided the following comments specific to the Spill Contingency Plan:

- revising the entire document with the focus on the field personnel as the primary users of the Plan;
- approach to spill response section be expanded ensuring the ease of reference for the personnel implementing the Plan, and switching off ignition sources where possible;
- careful review of the entire document to address any inconsistencies;

- provide more information on incinerating contaminated sorbent;
- clearly listing the secondary containment requirements to be used in line with CCME's Code;
- use of drip trays for stationery equipment, at a minimum;
- inclusion of a condition similar to previous licence requiring submission of an updated Plan “*outlining the spill response procedure during fuel transfer activities from a sealift barge*” sixty days before undertaking fuel transfer;
- updating the list of equipment to be utilized during spill response; and
- inclusion of a separate section on risk mitigation measures.

QIA also recommended that the NWB require the Applicant to update the Spill Contingency Plan and other relevant documentation within 30 days of the issuance of the Licence. The NWB provided an opportunity to the Applicant to address these comments so that the Plan can be approved with the issuance of the Licence.

The Applicant submitted an updated Spill Contingency Plan, addressing most of the comments, with their response of June 30, 2026. The Board has approved the plan entitled *Ege Bay Spill Contingency Plan BAF-PHI-400-P16-0002*, dated June 30, 2026, with the issuance of this Licence, and requires the Licensee to implement this Plan as applicable. Other terms and conditions related to spill contingency planning are included in Part H of this Licence.

Environmental Inspection and Monitoring Plan

The Board previously approved the Plan entitled *Ege Bay - Environmental Inspection and Monitoring Plan BAF-PHI-400-P16-0004* dated February 22, 2019, with issuance of the previous Licence 2BE-EQE1926. With the current Application, the Applicant submitted an updated Environmental Inspection and Monitoring Plan.

QIA in their submission provided a number of comments and recommendations related to the Environmental Inspection and Monitoring Plan:

- confirm if bathymetric and water quality surveys have been completed for Lake EB-1 and Lake EB-2;
- update the Environmental Inspection and Monitoring Plan to specify that intake screens will be inspected weekly, or in accordance with DFO guidelines, whichever is more frequent; and
- describe the procedures that will be implemented to coordinate and track water withdrawals where multiple intake points or drills draw from a single source.

The Applicant noted the bathymetric and water quality surveys have not been completed yet but are identified as priority tasks. The Environmental Inspection and Monitoring Plan has been updated taking into consideration DFO's guidelines. For tracking water withdrawals, daily water tracking log will be used that will be managed by the on-site environmental representative. This will record and collate drill rig water consumption reported each shift, ensuring cumulative daily withdrawals are verified in real time and remain within the licensed limits. To prevent exceedances, each active drill rig is assigned a daily water allocation based on the total licensed

withdrawal capacity and the number of active rigs. QIA recommended the Environmental Inspection and Monitoring Plan should be updated by adding this information. The Applicant provided an updated plan with additional information in the relevant section.

The Board has approved the plan entitled *Ege Bay Environmental Inspection and Monitoring Plan BAF-PH1-400-P16-0004*, dated June 5, 2026, with the issuance of this Licence, and requires the Licensee to implement this Plan as applicable.

Closure and Reclamation Plan

The Board previously approved the *Ege Bay Exploration Program Closure and Reclamation Plan BAF-PH1-400-P16-0003* dated February 22, 2019, with issuance of the previous Licence 2BE-EQE1926. With the current Application, the Applicant submitted an updated Closure and Reclamation Plan. A number of comments and recommendations were submitted by CIRNAC and QIA related to the Closure and Reclamation Plan.

CIRNAC provided the following recommendations:

- correct any outdated information throughout the document [Closure and Reclamation Plan] and ensure all material that is supposed to be in the plan is appropriately attached. Further, include a change log to clarify differences between the old plan and the current one;
- clarify how this [sewage effluent] discharge into the bay is in compliance with the issued licence. The discharge point for the sewage treatment plant be described as to what the water is being deposited into and how it is channeled into the bay; and
- describe why these areas [infrastructure, contaminated soil, and revegetation] have uncertainties and the actions that will be taken to resolve these issues during the life and closure of the exploration.

The Applicant in their response provided a tracked change version of the Closure and Reclamation Plan. The Applicant noted that Ege Bay is part of the ocean and routing runoff into the bay aligns with the Licence and the Closure and Reclamation Plan. The Plan was revised accordingly to ensure that no discharge is directed to flow into any freshwater for the Project.

QIA recommended to define the term ‘near future’ to specify how long the project area could be left inactive before the temporary or permanent closure plan must be enacted. Update the temporary closure plan to include quarry and Acid Rock Drainage (ARD) considerations. The temporary closure plan should include a timeline for which ARD will be addressed consistent with permanent closure. The Applicant in their response referred to specific section of the Closure and Reclamation Plan that has details regarding quarry and ARD considerations. The plan was also updated to provide additional details regarding the temporary closure of quarries.

The Board has approved the plan entitled *Ege Bay Exploration Program Closure and Reclamation Plan BAF-PH1-400-P16-0003*, dated June 5, 2026, with the issuance of this Licence, and requires the Licensee to implement this Plan as applicable. Other terms and conditions related to closure and reclamation or temporary closure are included in Part I of the Licence.

Monitoring

All Monitoring requirements imposed by previous Water Licence 2BE-EQE1926 have been carried forward into the Replacement Water Licence 2BE-EQE2636 under Part J. The Licensee is required to seek approval from the Board prior to making any changes to the monitoring program.



NUNAVUT WATER BOARD WATER LICENCE

Licence No: 2BE-EQE2636

Pursuant to the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada*, the Nunavut Water Board, hereinafter referred to as the Board, hereby grants to

BAFFINLAND IRON MINES CORPORATION

(Licensee)

360 OAKVILLE PLACE DRIVE, SUITE 300 OAKVILLE, ON L6H 6K8

(Mailing Address)

hereinafter called the Licensee, the right to alter, divert or otherwise use water or dispose of Waste for a period subject to restrictions and conditions contained within this Licence:

Licence Number/Type: **2BE-EQE2636 / TYPE B**

Water Management Area: **MACDONALD WATERSHED (22)**

Location: **QIKIQTANI REGION, NUNAVUT**

Classification: **MINING UNDERTAKING**

Purpose: **DIRECT USE OF WATER AND DEPOSIT OF WASTE**

Quantity of Water use not to Exceed: **TWO HUNDRED AND NINETY-NINE (299) CUBIC METRES PER DAY**

Date of Licence Issuance: **JULY 29, 2026**

Expiry of Licence: **JULY 28, 2036**

This Licence, issued and recorded at Gjoa Haven, Nunavut, includes and is subject to the annexed conditions.

Lootie Toomasie
Nunavut Water Board, Chair

PART A: SCOPE, DEFINITIONS AND ENFORCEMENT

1. Scope

This Licence allows for the use of Water and the deposit of Waste for a Mining undertaking classified as per Schedule 1 of the *Regulations* at the Ege Bay Exploration Program Project, located approximately 190 km east of both Igloolik and Hall Beach within the Qikiqtani Region, Nunavut.

- a. This Licence is issued subject to the conditions contained herein with respect to the taking of Water and the deposit of Waste of any type in any Waters or in any place under any conditions where such Waste or any other Waste that results from the deposits of such Waste may enter any Waters. Whenever new *Regulations* are made or existing *Regulations* are amended by the Governor in Council under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, or other statutes imposing more stringent conditions relating to the quantity or type of Waste that may be so deposited or under which any such Waste may be so deposited, this Licence shall be deemed, upon promulgation of such *Regulations*, to be subject to such requirements; and
- b. Compliance with the terms and conditions of this Licence does not absolve the Licensee from responsibility for compliance with the requirements of all applicable Federal, Territorial and Municipal legislation.

2. Definitions

“**Act**” means the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*;

“**Addendum**” means the supplemental text that is added to a full plan or report usually included at the end of the document and is not intended to require a full resubmission of the revised report;

“**Amendment**” means a change to original terms and conditions of this Licence requiring correction, addition or deletion of specific terms and conditions of the Licence; modifications inconsistent with the terms of the set terms and conditions of the Licence;

“**Applicant**” means the Licensee;

“**Appurtenant Undertaking**” means an undertaking in relation to which a use of water or a deposit of Waste is permitted by a licence issued by the Board;

“**Board**” means the Nunavut Water Board established under the *Nunavut Agreement* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*;

“**Borrow Pits**” means sites for which materials, such as gravel or sand, are excavated for the purposes of constructing site infrastructure and facilities;

“Bulk Fuel Storage Facility” means the fuel storage facility as described in the Application and supporting documents submitted December 7, 2018;

“Closure and Reclamation Plan” means a Plan developed to reach the closure goal and taking in account the “Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories” 2013;

“Effluent” means treated or untreated liquid Waste material that is discharged into the environment from a structure such as a settling pond, landfarm or a treatment plant;

“Engineer” means a professional engineer registered to practice in Nunavut in accordance with the *Consolidation of Engineers and Geoscientists Act S. Nu 2008, c.2* and the *Engineering and Geoscience Professions Act S.N.W.T. 2006, c.16 Amended by S.N.W.T. 2009, c.12*;

“Final Discharge Point” means the point, at which the Licensee no longer exerts care and/or control over the quality and/or quantity of the Effluent from a treatment process;

“Greywater” means all liquid Wastes from showers, baths, sinks, kitchens and domestic washing facilities, but does not include toilet Wastes;

“High Water Mark” means the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land (ref. Department of Fisheries and Oceans Canada, Operational Statement: Mineral Exploration Activities);

“Inspector” means an Inspector designated by the Minister under Section 85 (1) of the *Act*;

“Licensee” means the holder of this Licence;

“Modification” means an alteration to a physical work that introduces a new structure or eliminates an existing structure and does not alter the purpose or function of the work, but does not include an expansion;

“Nunavut Agreement” means the “*Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada*”, including its preamble and schedules, and any amendments to that agreement made pursuant to it;

“Quarry or Quarries” means the areas of surface excavation for extracting rock material for use as construction materials in the development of infrastructure and facilities for the Ege Bay Exploration Program;

“Regulations” means the *Nunavut Waters Regulations* SOR/2013-69 18th April, 2013;

“Secondary Containment” means an impermeable structure, external to and separate from primary containment, which prevents unplanned spills of hazardous materials and provides a minimum capacity of 110% of the original vessel. Where multiple vessels are stored within the containment, it must provide a minimum capacity equal to the sum of the largest vessel and 10% of the aggregate volume of all other vessels located in the containment. This structure shall also provide containment and control of hoses and nozzles;

“Sewage” means all toilet Wastes and greywater;

“Sewage Treatment Plant” means the four-stage wastewater treatment plant as described in the *Ege Bay Waste Management Plan BAF-PH1-400-P16-0005*, dated June 5, 2026, submitted with the Application;

“Spill Contingency Plan” means a Plan developed to deal with unforeseen petroleum and hazardous materials events that may occur during the operations conducted under the Licence;

“Sump” or “Sumps” A structure or depression that collects, controls, and filters liquid Waste before it is released to the environment. This structure should be designed to prevent erosion while allowing percolation of liquid Waste;

“Toilet Wastes” means all human excreta and associated products, but does not include greywater;

“Waste” means, as defined in s. 4 of the *Act*, any substance that, by itself or in combination with other substances found in water, would have the effect of altering the quality of any water to which the substance is added to an extent that is detrimental to its use by people or by any animal, fish or plant, or any water that would have that effect because of the quantity or concentration of the substances contained in it or because it has been treated or changed, by heat or other means;

“Water” or “Waters” means waters as defined in section 4 of the *Act*.

3. **Enforcement**

- a. Failure to comply with this Licence will be a violation of the *Act*, subjecting the Licensee to the enforcement measures and the penalties provided for in the *Act*;
- b. All inspection and enforcement services regarding this Licence will be provided by Inspectors appointed under the *Act*; and
- c. For the purpose of enforcing this Licence and with respect to the use of water and deposit or discharge of Waste by the Licensee, Inspectors appointed under the *Act*, hold all powers, privileges and protections that are conferred upon them by the *Act* or by other applicable law.

PART B: GENERAL CONDITIONS

1. The Water use fees for the right to the use of Water shall be paid annually in accordance with Section 12 of the *Regulations*.
2. The Licensee shall file an Annual Report on the Appurtenant Undertaking with the Board no later than March 31st of the year following the calendar year being reported, containing the following information:
 - a. A summary report of Water use and Waste disposal activities;
 - b. Quantity of Water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Inuit-owned lands for the reporting period;
 - c. Quantity of Water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Crown Lands reporting period;
 - d. Quantity of Waste disposed of on on-site Waste disposal facility;
 - e. Quantity of Waste backhauled to approved facility for disposal;
 - f. A list of unauthorized discharges and a summary of follow-up actions taken;
 - g. Any revisions to the management plans, as required by Part B, Item 7, submitted in the form of an Addendum;
 - h. A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;
 - i. Report all artesian flow occurrences as required under Part F, Item 3;
 - j. A summary of all information requested and results of the Monitoring Program;
 - k. Details pertaining to locations of sump(s) and drill holes;
 - l. 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 coordinates differ from that provided in the application;
 - m. A summary, including photographic records before, during and after any relevant construction activities or Modifications and/or major maintenance work carried out on facilities under this Licence and an outline of any work anticipated for the next year;
 - n. Detailed discussion on the performance, installation, and evaluation, including the use of photographic record, of the primary and secondary containment functions used in fuel storage to safeguard impacts to freshwaters;
 - o. A summary of public consultation/participation, describing consultation with local organizations and residents of the nearby communities, if any were conducted;
 - p. Any other details on Water use or Waste disposal requested by the Board by the 1st November of the year being reported.
3. The Licensee shall notify the NWB of any changes in operating plans or conditions associated with this project at least thirty (30) days prior to any such change.
4. The Licensee shall install flow meters or other such devices, or implement suitable methods required for the measuring of Water volumes as required under Part J, Item 2.

5. The Licensee shall, for all Plans submitted under this Licence, include a proposed timetable for implementation. Plans submitted, cannot be undertaken without subsequent written Board approval and direction. The Board may alter or modify a Plan if necessary to achieve the legislative objectives and will notify the Licensee in writing of acceptance, rejection or alteration of the Plan.
 6. The Licensee shall, for all Plans submitted under this Licence, implement the Plan as approved by the Board in writing.
 7. The Licensee shall review the Plans referred to in this Licence, as required by changes in operation and/or technology, and modify the Plan accordingly. Revisions to the Plans shall be submitted in the form of an Addendum to be included with the Annual Report.
 8. Every Plan to be carried out pursuant to the terms and conditions of this Licence shall become a part of this Licence, and any additional terms and conditions imposed upon approval of a Plan by the Board become part of this Licence. All terms and conditions of the Licence should be contemplated in the development of a Plan where appropriate.
 9. The Licensee shall ensure a copy of this Licence is maintained at the site of operations at all times. Any communication with respect to this Licence shall be made in writing to the attention of:
 - (a) **Manager of Licensing:**
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Telephone: (867) 360-6338
Fax: (867) 360-6369
Email: licensing@nwb-oen.ca
 - (b) **Inspector Contact:**
Manager of Field Operations, CIRNAC
Nunavut District, Nunavut Region
P.O. Box 100
Iqaluit, NU X0A 0H0
Telephone: (867) 975-4295
Fax: (867) 979-6445
 10. The Licensee shall submit an electronic copy of all reports, studies, and plans to the Board. Reports or studies submitted to the Board by the Licensee shall include a detailed executive summary in Inuktitut.
 11. The Licensee shall ensure that all documents or correspondence submitted by the Licensee to the NWB are received and acknowledged by the Manager of Licensing.
 12. This Licence is assignable as provided for in Section 44 of the *Act*.
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13. The expiry or cancellation of this Licence does not relieve the Licensee from any obligation imposed by the Licence, or any other regulatory requirement.

PART C: CONDITIONS APPLYING TO WATER USE

1. The Licensee shall obtain Water for domestic camp use from the sources identified in the Application. Total camp Water use shall not exceed twenty-nine (29) cubic metres per day. Drill Water shall be obtained from local Water source(s), proximal to the drilling targets and shall not exceed two hundred and seventy (270) cubic metres per day. The volume of Water for all purposes under this Licence shall not exceed two hundred and ninety-nine (299) cubic metres per day.
2. The withdrawal of Water from any stream shall not exceed ten (10) per cent of the low flow of that stream unless approved by the Board in writing.
3. The Licensee shall submit to the Board for approval in writing, the following information at least thirty (30) days prior to the use of Water of a sufficient volume that the source water body may be drawn down: volume required, hydrological overview of the water body, details of impacts, and proposed mitigation measures.
4. The Licensee shall equip all water intake hoses with a screen of an appropriate mesh size to ensure that fish are not entrained and shall withdraw Water at a rate such that fish do not become impinged on the screen.
5. The Licensee shall not conduct any work below the ordinary High Water Mark of any water body unless approved by the Board in writing.
6. The Licensee shall not cause erosion to the banks of any water body and shall provide necessary controls to prevent such erosion.
7. Sediment and erosion control measures shall be implemented prior to and maintained during the undertaking to prevent entry of sediment into Water.

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

1. The Licensee shall implement the *Ege Bay Waste Management Plan BAF-PH1-400-P16-0005, dated June 5, 2026*, that was submitted as additional information with the Application and has been approved by the Board with the issuance of the Licence.
2. The Licensee shall locate areas designated for Waste disposal at a minimum distance of thirty-one (31) metres from the ordinary High Water Mark of any water body such that the quality, quantity or flow of Water is not impaired, unless otherwise approved by the Board in writing.

3. The Licensee shall not practice on-site land filling of domestic Waste, unless otherwise approved by the Board in writing.
4. The Licensee is authorized to dispose of all acceptable food Waste, paper Waste and untreated wood products in an incinerator.
5. The Licensee shall not open burn plastics, wood treated with preservatives, electric wire, Styrofoam, asbestos or painted wood to prevent the deposition of Waste materials of incomplete combustion and/or leachate from contaminated ash residual, from impacting any surrounding Waters, unless otherwise approved by the Board in writing.
6. The Licensee shall provide to the Board documented authorization from all communities in Nunavut receiving Wastes from the Ege Bay Exploration Program prior to any backhauling and disposal of Wastes to those communities.
7. The Licensee shall backhaul and dispose of all hazardous Wastes, Waste oil and non-combustible Waste generated through the course of the operation at a licensed Waste disposal site.
8. The Licensee shall maintain records of all Waste backhauled and records of confirmation of proper disposal of backhauled Waste. These records shall be made available to an Inspector upon request.
9. The Licensee shall direct all Sewage to the Sewage Treatment Plant described in the Application once the Sewage Treatment Plant is operational.
10. Discharge at Monitoring Program Station Ege-STP-1 (Final Discharge Point from the Sewage Treatment Plant) shall be located at a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any water body, at a site where direct flow into a water body is not possible and no additional impacts are created, unless otherwise approved by the Board in writing. Discharge from Ege-STP-1 shall not exceed the following Effluent quality limits:

Parameter	Maximum Concentration of any Grab Sample
pH	6.5 to 9.0 (pH units)
Oil and Grease	5 mg/L and no visible sheen
Biological Oxygen Demand (BOD5)	120 mg/L
Total Suspended Solids	180 mg/L
Fecal Coliforms	10,000 CFU/100 mL

11. The Licensee shall dispose of Greywater to a sump located a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any water body, at a site where direct flow into a water body is not possible and no additional impacts are created, unless otherwise approved by the Board in writing.

12. The Licensee shall dispose of all Toilet Wastes through incineration, chemical or composting toilets. Any remaining residue generated through the course of the operation shall be backhauled and disposed of in an approved Waste disposal site.
13. The Licensee shall, at least sixty (60) days prior to commissioning the Sewage Treatment Plant, submit to the Board for approval an Operation and Maintenance Manual for the Sewage Treatment Plant
14. All surface runoff and/or discharge from borrow pits and quarries, and drainage management systems, during the construction of any facilities and infrastructure associated with this Project, where flow may directly or indirectly enter a water body, at Monitoring Program Station(s) Eqe-Q-X shall not exceed the following Effluent quality limits:

Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of Any Grab Sample (mg/L)
Total Suspended Solids	50.0	100
Oil and Grease	15,000 and no visible sheen	15,000 and no visible sheen
pH	Between 6.5 and 9.5	Between 6.0 and 9.5

15. All Effluent discharged from the Bulk Fuel Storage Facility at Monitoring Program Station(s) Eqe-CA-X shall not exceed the following Effluent quality limits:

Parameter	Maximum Concentration of any Grab Sample (µg/L)
pH	6.5 to 9 (pH units)
Oil and Grease	15,000 and no visible sheen
Lead (dissolved)	1
Benzene	370
Toluene	2
Ethylbenzene	90
Phenols	0.2

16. The Licensee shall provide at least ten (10) days notification to an Inspector, prior to initiating the release of Effluent from any facilities listed in this Part. The notice shall include water quality results, an estimate of volume and the proposed receiving location

PART E: CONDITIONS FOR CAMPS, ACCESS INFRASTRUCTURES, CONSTRUCTION, AND OPERATIONS

1. The Licensee shall not erect camps or store material on the surface of frozen streams or lakes including the immediate banks except what is for immediate use. Camps shall be located such as to minimize impacts on surface drainage.

2. The Licensee shall conduct all activities in such a way as to minimize impacts on surface drainage and the Licensee shall immediately undertake corrective measures in the event of any impacts on surface drainage.
3. The Licensee shall construct all winter lake and stream crossings, including ice bridges, entirely of Water, ice or snow. The Licensee shall minimize disturbance by locating ice bridges in an area that requires the minimum approach grading and the shortest crossing route. Stream crossings shall be removed or the ice notched prior to spring break-up.
4. Stream crossing shall be a minimum of five hundred (500) meters from spawning areas.
5. The Licensee shall only use aggregate for construction of infrastructure or facilities under this Licence that is demonstrated to be potentially non-acid generating, non-metal leaching and free of contaminants by carrying out appropriate analyses and retaining the results and reports for reference for submission on request by the NWB or an Inspector, or have the results submitted with the Annual Report under Part B, Item 2.
6. The Licensee shall designate an area for the deposition of excavated and stockpiled materials that is at least thirty-one (31) metres above the ordinary High Water Mark of any water body.
7. The Licensee shall not mobilize heavy equipment or vehicles unless the ground surface is capable of fully supporting the equipment or vehicles without rutting or gouging. Overland travel of equipment or vehicles shall be suspended if rutting occurs.
8. Machinery is not permitted to travel up the stream bed and fording of any water body is to be kept to a minimum and limited to one area and a single activity of bridge construction or installation of any water crossings. Machinery and equipment used should be well cleaned and free of oil and grease and maintained free of fluid leaks.
9. Equipment storage holding areas should be located on gravel, sand or other durable land, a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any water body in order to minimize impacts on surface drainage and water quality.
10. Sediment and erosion control measures must be used to mitigate the deposition of debris and sediment into or onto any water body during the construction and operation. These materials shall be disposed at a distance of at least thirty-one (31) metres from the ordinary High Water Mark in such a fashion that they do not enter Water.
11. The Licensee shall not cut any stream bank or remove any material from below the ordinary High Water Mark of any water body.
12. The Licensee shall, at least sixty (60) days prior to construction, submit to the Board for review, construction plans, specifications, and design drawings that are stamped and signed by an Engineer, for the engineered infrastructure designed to contain, withhold divert and retain Waters and/or Wastes, allowed under the scope of this Licence. The submission will

include proposed mitigation and monitoring during construction.

13. The Licensee shall, within ninety (90) days of completion of construction activities, submit to the Board for review a Construction Summary Report that includes stamped as-built plans and drawings, explanation for any deviation from construction drawings, and consideration of construction and field decisions and their effects on the performance of engineered facilities.
14. The Licensee shall conduct quarrying activities in accordance with all applicable legislation, guidelines, and industry standards including the *Northern Land Use Guidelines - Pits and Quarries* (2009).
15. The Licensee shall maintain a minimum of thirty-one (31) metres large undisturbed buffer zone between the periphery of quarry sites and the ordinary High Water Mark of any water body.
16. The Licensee shall not excavate and/or remove material from the quarry/borrow area beyond a depth of one (1) metre above the ordinary High Water Mark or above the groundwater table, to prevent contamination of groundwater.
17. The Licensee shall, at least sixty (60) days prior to commencing of quarrying, submit to the Board for approval, a Quarry Management Plan. The Plan shall include baseline information necessary to detect potential impacts on freshwater from proposed quarrying along with comments/recommendations made during the review of Application.
18. The Licensee shall, at least sixty (60) days prior to commencing of quarrying, submit to the Board for review all management plans and manuals that may be required to be updated in consideration of activities outlined in the Quarry Management Plan.
19. The Licensee shall notify the Board and the Inspector at least ten (10) days prior to the construction or installation of any of the water crossings associated with the Project.

PART F: CONDITIONS APPLYING TO DRILLING OPERATIONS

1. The Licensee shall not conduct any land based drilling within thirty-one (31) metres of the ordinary High Water Mark of any water body, unless otherwise approved by the Board in writing.
2. The Licensee shall dispose of all drill waste, including Water, chips, muds and salts (CaCl₂) in any quantity or concentration, from land-based drilling, in a properly constructed Sump or an appropriate natural depression located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body, where direct flow into a water body is not possible and no additional impacts are created.
3. If artesian flow is encountered, drill holes shall be immediately sealed and permanently

capped to prevent induced contamination of groundwater or salinization of surface Waters. The Licensee shall report all artesian flow occurrences within the Annual Report, including the location (GPS coordinates) and dates.

4. On-ice drilling is not authorized under this Licence.

PART G: CONDITIONS APPLYING TO MODIFICATIONS

1. The Licensee may, without written consent from the Board, carry out Modifications to the Water Supply Facilities and Waste Disposal Facilities provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:
 - a. the Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the Modifications;
 - b. such Modifications do not place the Licensee in contravention of the Licence or the *Act*;
 - c. such Modifications do not constitute “significant modifications” that require conformity assessment by the Nunavut Planning Commission and/or impact assessment by the Nunavut Impact Review Board before consideration by the NWB;
 - d. within sixty (60) days following notification of the proposed Modifications, the Licensee, Nunavut Planning Commission, Nunavut Impact Review Board, designated Inuit organization or responsible regulatory authority has not indicated that any conformity determination, impact assessment, compensation negotiations or other consideration of the Modification that must be completed before the NWB can consider the Modification will take longer than 45 days; and
 - e. within sixty (60) days following notification of the proposed Modifications, the Board has not indicated that a written approval is required or rejected the proposed Modifications.
2. Modifications for which all of the conditions referred to in Part G, Item 1 have not been met can be carried out only with written approval from the Board.
3. The Licensee shall provide as-built plans and drawings of the Modifications referred to in this Licence within ninety (90) days of completion of the Modification. These plans and drawings shall be stamped by an Engineer.

PART H: CONDITIONS APPLYING TO SPILL CONTINGENCY PLANNING

1. The Board has approved the Plan entitled *Ege Bay Spill Contingency Plan BAF-PHI-400-P16-0002, dated June 30, 2026*, that was submitted as additional information with the Application.
2. The Licensee shall, sixty (60) days prior to a sealift fuel transfer, submit to the Board for

review an update to the Plan referred to in Part H, Item 1 outlining the spill response procedure during fuel transfer activities from a sealift barge.

3. The Licensee shall prevent any chemicals, petroleum products or Wastes associated with the project from entering Water. All Sumps and fuel caches shall be located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body and inspected on a regular basis.
4. The Licensee shall conduct any equipment maintenance and servicing in designated areas and shall implement special procedures (such as the use of drip pans) to manage motor fluids and other Waste and contain potential spills.
5. If during the term of this Licence, an unauthorized discharge of Waste occurs, or if such a discharge is foreseeable, the Licensee shall:
 - a. Employ the approved Spill Contingency Plan;
 - b. Report the spill immediately via the [online Spill Report Webform](#) or by calling NWT/NU 24-Hour Spill Reporting Line at (867) 920-8130, and the Inspector at (867) 975-4284; and
 - c. For each spill occurrence, submit to the Inspector, no later than thirty (30) days after initially reporting the event, a detailed report that will include the amount and type of spilled product, the GPS location of the spill, and the measures taken to contain and clean up the spill site.
6. The Licensee shall, in addition to Part H, Item 5, regardless of the quantity of releases of harmful substances, report to the NWT/NU Spill Line if the release is near or into a Water body.

PART I: CONDITIONS APPLYING TO CLOSURE AND RECLAMATION OR TEMPORARY CLOSURE

1. The Board has approved the Plan entitled *Ege Bay Exploration Program Closure and Reclamation Plan BAF-PH1-400-P16-0003*, dated June 5, 2026, that was submitted as additional information with the Application.
2. The Licensee shall complete all restoration work prior to the expiry of this Licence.
3. The Licensee shall carry out progressive reclamation of any components of the Project no longer required for the Licensee's operations.
4. The Licensee shall backfill and restore all sumps, sewage / greywater pits to the pre-existing natural contours of the land.

5. The Licensee shall remove from the site, all infrastructure and site materials, including all fuel caches, drums, barrels, buildings and contents, docks, water intakes, pumps and lines, material and equipment prior to the expiry of this Licence.
6. The Licensee shall remove any culverts and restore the drainage to match the natural channel. Measures shall be implemented to minimize erosion and sedimentation.
7. In order to promote growth of vegetation and the needed microclimate for seed deposition, all disturbed surfaces shall be prepared by ripping, grading, or scarifying the surface to conform to the natural topography.
8. Areas that have been contaminated by hydrocarbons from normal fuel transfer procedures shall be reclaimed to meet objectives as outlined in the Government of Nunavut's Environmental Guideline for Site Remediation, 2010. The use of reclaimed soils for the purpose of back fill or general site grading may be carried out only upon consultation and approval by the Government of Nunavut, Department of Environment and an Inspector.
9. The Licensee shall restore all drill holes and disturbed areas to natural conditions immediately upon completion of the drilling. The restoration of drill holes must include the removal of any drill casing materials and if having encountered artesian flow, the capping of holes with a permanent seal. Where drill casings cannot be removed, the Licensee shall cut off the casings at ground level and identify with signage.
10. The Licensee may leave the casings on site, if it intends to continue drilling in existing casings, but shall add signaling to keep the area safe for the other territory users. The drill casings left cannot stay on the field for more than 2 years after the drilling.
11. The Licensee may store drill core produced by the appurtenant undertaking in an appropriate manner and location at least thirty-one (31) metres above the ordinary High Water Mark of any adjacent water body, where any direct flow into a water body is not possible and no additional impacts are created.
12. The Licensee shall contour and stabilize all disturbed areas to reduce erosion and sedimentation to Water, upon completion of work and restored to a pre-disturbance state, where practicable.

PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM

1. The Board has approved the Plan entitled *Ege Bay Environmental Inspection and Monitoring Plan BAF-PH1-400-P16-0004, dated June 5, 2026*, that was submitted as additional information with the Application.
2. The Licensee shall measure and record, in cubic metres, the daily quantities of water that is used from sources located on, in or flowing through Crown Land, utilized for camp, drilling and other purposes.

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.
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. The Licensee shall, during periods of flow and following a major precipitation event, conduct water quality testing on a monthly basis, immediately upstream and downstream of the water crossings, if any significant water seeps in contact with the roads, earthworks and flows originating from borrow pit or quarry sites prior to construction, weekly during the construction and until completion, for criteria listed under Part D, Item 14.
6. The Licensee shall monitor runoff and/or discharge from the borrow pit and quarry sites, during blasting activities, during periods of flow and following significant precipitation events, on a monthly basis, for the following parameters:

Group	Parameter
Physical Parameters	pH (field and laboratory), temperature (field), alkalinity, bicarbonate, carbonate, electrical conductivity, hardness, hydroxide, ion balance, total dissolved solids, total suspended sediments.
Nutrients	Ammonia-nitrogen, nitrate nitrogen, nitrite-nitrogen, ortho-phosphate.
Major Ions	Calcium, chloride, magnesium, potassium, sodium, sulphate.
Total Metals	Aluminum, antimony, arsenic, barium, beryllium, boron, cadmium, chromium, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, tin, titanium, uranium, vanadium and zinc.

7. The Licensee shall maintain, at a minimum, the following existing Monitoring Program Stations or as otherwise approved by the Board in writing:

Monitoring Station	Description	Frequency	Parameters
Eqe-X	Water Supply. The Monitoring Station(s) is/are in effect only upon receiving Board approval as per Part C, Item 3.	Daily	Volume, m ³

Monitoring Station	Description	Frequency	Parameters
Eqe-STP-1	Final Discharge Point of the Effluent from the Sewage Treatment Plant.	Prior discharge to	Daily discharge volume, m ³ Quality in accordance with Part D, Item 10 Ammonia-Nitrogen Total Phosphorous
		Once per year	Acute lethality to Rainbow Trout; Acute lethality to <i>Daphnia magna</i>
Eqe-Q-X, where X refers to a number of a Station	Discharge from Borrow Pit and Quarry sites. The locations for these Monitoring Stations will be determined once the Plan in Part E, Item 17 is developed.	Monthly during periods of flow	Discharge volume, m ³ Quality in accordance with Part D, Item 14
		Frequency in accordance with Part J, Item 6	Quality in accordance with Part J, Item 6
		Once per year	Acute lethality to Rainbow Trout Acute lethality to <i>Daphnia magna</i>
Eqe-CA-X, where X refers to a number of a Station	Discharge from the Bulk Fuel Storage Facility.	Prior discharge to	Discharge volume, m ³ Quality in accordance with Part D, Item 15

8. The Licensee shall conduct toxicity testing on treated sewage effluent at the final discharge point and runoff and/or discharge from the borrow pit and quarry sites at the Monitoring Stations Eqe-STP-1 and Eqe-Q-X, respectively, once annually during open water season in accordance with the following test procedures:
 - a. Acute lethality to Rainbow Trout (as per Environment Canada's Environmental Protection Series Biological Test Method EPS/1/RM/13); and
 - b. Acute lethality to *Daphnia magna* (as per Environment Canada's Environmental Protection Series Biological Test Method EPS/1/RM/14).
9. All sampling, sample preservation and analyses 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.
10. All analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.

11. The Licensee shall annually review the *BIM-5200-PLA-0004 Sampling Program – Quality Assurance and Quality Control Plan*, dated May 27, 2025, as accepted by the Board, and modify it as necessary. Revised plan shall be submitted to the NWB with an approval letter from an accredited lab that meets standards set in Part that meets standards set in Part J Items 9 and 10.
12. The Licensee shall include in the Annual Report required under Part B, Item 2 and in Construction Summary Report required under Part E, Item 13 all data, monitoring results and information required by this Part.
13. Additional monitoring requirements may be requested by the Inspector.
14. Modifications to the Monitoring Program may be made only upon written request and subsequent approval of the Board in writing.