

DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo and request for background information	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYIT

OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR WATER LICENCE RENEWAL

Your application may be classified as a **renewal** only if all operations remain the same as previously licensed and only the term of the licence requires change. If your application contemplates:

- a change to the volume of water authorized for use;
- a new activity related to water use or waste disposal;
- a new component related to water use or waste disposal;
- a change in predicted environmental impacts(s); and/or
- a change to any term or condition of the original licence

your application is **NOT** classified as a renewal but rather an amendment and will require submission of an Application for Water Licence Amendment. Licensees applying for combined renewal / amendment are also referred to the Application for Water Licence Amendment.

The applicant is referred to the NWB's Guide 7: *Licensee Requirements Following the Issuance of a Water Licence* for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: 2BE-EQE1926

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

Yes No

If No, a licence assignment must be completed and approved by the NWB. **A renewal will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: Lou Kamermans
Sr. Director, Sustainable Development
Address: 360 Oakville Place Drive, Suite 300
Oakville, Ontario, Canada
L6H 6K8
Phone: 416-364-8820 x 5101
e-mail: Lou.kamermans@baffinland.com

2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name: Jon Hey
Sr. Director, Exploration & Strategic Planning
Address: 360 Oakville Place Drive, Suite 300
Oakville, Ontario, Canada
L6H 6K8
Phone: 416-364-8820 x 5300
e-mail: Jon.hey@baffinland.com

(Attach authorization letter.)

3. NAME OF PROJECT

Is the name of the project the same as that considered in the existing water licence?

Yes No

Indicate the name of the project including the name of the location: Ege Bay Exploration Program

4. LOCATION OF UNDERTAKING

Is the location of the undertaking the same as that considered in the existing water licence?

Yes No

Project Extents

NW:	Latitude: (69° 38' 32.31" N)	Longitude: (77° 13' 45.39" W)
NE:	Latitude: (70° 08' 43.27" N)	Longitude: (75° 42' 15.92" W)
SE:	Latitude: (69° 58' 14.53" N)	Longitude: (75° 13' 47.09" W)
SW:	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)

5. MAP

Are the locations of the main components of the undertaking the same as those considered in the existing licence?

Yes No

Attach a topographical map, indicating the main components of the undertaking.

See Figures 1, 2 and 3 (Attachment 3). Figure 3 is at a scale of 1:50,000

NTS Map Sheet No.: 37C/9 Map Name: Ege Bay Map Scale: 1:50,000

6. NATURE OF INTEREST IN THE LAND

Is the nature of the interest in the land the same as that considered in the existing water licence?

Yes No

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: [May 1, 2008](#) Date of expiry: [May 1, 2028](#)

[Exploration Agreement IG03-20-001](#)

Mineral Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: [October 11, 2021](#) Date of expiry: [October 10, 2042](#)

TENURE CLASS	LEASE NUMBER	LEASE STATUS	ISSUED DATE	EXPIRY DATE	AREA (HA)
MINERAL LEASE	L-6195	ACTIVE	2021-10-11	2042-10-10	1078
MINERAL LEASE	L-6196	ACTIVE	2021-10-11	2042-10-10	1041
MINERAL LEASE	L-6197	ACTIVE	2021-10-11	2042-10-10	1036
MINERAL LEASE	L-6198	ACTIVE	2021-10-11	2042-10-10	1030
MINERAL LEASE	L-6199	ACTIVE	2021-10-11	2042-10-10	985
MINERAL LEASE	L-6200	ACTIVE	2021-10-11	2042-10-10	116
MINERAL LEASE	L-6201	ACTIVE	2021-10-11	2042-10-10	700
MINERAL LEASE	L-6202	ACTIVE	2021-10-11	2042-10-10	1042
MINERAL LEASE	L-6203	ACTIVE	2021-10-11	2042-10-10	1027
MINERAL LEASE	L-6204	ACTIVE	2021-10-11	2042-10-10	1035
MINERAL LEASE	L-6205	ACTIVE	2021-10-11	2042-10-10	1066
MINERAL LEASE	L-6206	ACTIVE	2021-10-11	2042-10-10	1040
MINERAL LEASE	L-6207	ACTIVE	2021-10-11	2042-10-10	818

Surface

IOL Authorization from Qikiqtani Inuit Association (QIA)

Date (expected date) of issuance: [June 1, 2026](#) Date of expiry: [TBD](#)

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

Yes No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations:

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Is the undertaking located in the same land use planning area as that considered in the existing licence?

Yes No

Indicate the land use planning area in which the project is located.

North Baffin Keewatin
 South Baffin Sanikiluaq
 Akunnig West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

Yes No

If Yes, indicate date issued and attach copy. [NPC Conformity Determination is included as Attachment 5](#)

Does the proposed renewal change the original NPC conformity determination or the need to obtain one?

Yes No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required. [NPC Conformity Determination is included as Attachment 5. The activities associated with the renewal were reviewed by NPC, and a conformity determination was issued on April 17, 2018 and on April 15, 2026 which still applies.](#)

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

Yes No

If Yes, indicate date issued and attach copy. [SD 18EN026, August 17, 2018](#)

[Activities were previously screened by the Nunavut Impact Review Board. The renewal is exempt from screening by the NIRB under section 12.4.3 of the Nunavut Agreement because the NPC is of the understanding that it is for a component or activity that was part of the original proposal and its inclusion is not a significant modification of the Project.](#)

Does the proposed renewal change the original NIRB screening determination or the need to obtain one?

Yes No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING

Is the description of the undertaking the same as that considered in the existing water licence?

Yes No

List and attach plans and drawings or project proposal.

[A detailed Project Description is included as Attachment 1](#)

10. OPTIONS

Are the alternative methods and locations that were considered to carry out the project the same as those considered in the existing water licence?

Yes No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

11. CLASSIFICATION OF PRIMARY UNDERTAKING

Is the primary undertaking the same as that considered in the existing water licence?

Yes No

Indicate the primary classification of undertaking by checking one of the following boxes.

- | | |
|--|---|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) | |
| <input type="checkbox"/> Conservation | |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input type="checkbox"/> Miscellaneous (describe below):
_____ |

See Schedule II of the *Northwest Territories Waters Regulations* for Description of Undertakings.

12. WATER USE

Is the type(s) of water use(s) the same as that considered in the existing water licence?

Yes No

Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

- | | |
|--|---|
| <input checked="" type="checkbox"/> To obtain water for camp/ municipal purposes | |
| <input checked="" type="checkbox"/> To obtain water for industrial purposes | <input type="checkbox"/> To divert a watercourse |
| <input checked="" type="checkbox"/> To cross a watercourse | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input type="checkbox"/> To alter the flow of, or store water | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> Other: _____ | |

13. QUANTITY OF WATER INVOLVED

Is the source of water the same as that considered in the existing licence? Yes No

Name of water source(s): An unnamed lake referred to as Lake EB-1 will provide water to the camp, and an unnamed lake referred to as Lake EB-2 will provide water for drilling. Other miscellaneous ponds will be used for drilling water. Locations are shown on Figure 3. (Attachment 3)

Is the quality of the water source and its available capacity the same as that considered in the existing licence?

Yes No

Describe the quality of the water source(s) and the available capacity(s): Water quality of the water sources are unknown, but they are expected to be potable and suitable for drilling. The winter water withdrawal from Lake EB-1 will result in a drawdown of approximately 1 mm over an 8-month period of ice cover. The winter water withdrawal from Lake EB-2 will result in a drawdown of approximately 2.5 mm over an 8-month period of ice cover. The winter water withdrawals represent 0.1% and 2.1% of the annual recharge in Lakes EB-1 and EB-2, respectively, based upon lake catchment sizes and mean annual unit runoffs from 7 hydrometric stations associated with the Mary River Project.

Is the overall estimated quantity of water to be used the same as that considered in the existing licence?

Yes No

Provide the overall estimated quantity of water to be used: 299 m³/day

Are the quantity(s) of water to be used from each source the same as those considered in the existing licence?

Yes No

Provide the estimated quantity(s) of water to be used from each source:

Lake EB-1 (Camp Water Supply) = 29 m³/day or 10,585 m³/year

Lake EB-2 (Drilling Water Supply) = 270 m³/day, or 98,550 m³/year

Are the quantity(s) of water to be used for each purpose the same as those considered in the existing licence?

Yes No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.):

Camp Water Supply = 29 m³/day or 10,585 m³/year

Drilling Water Supply = 270 m³/day, or 98,550 m³/year

Are the method(s) of extraction the same as those considered in the existing licence? Yes No

Describe the method(s) of extraction: Temporary intakes equipped with fish screens.

Are the quantity(s) of water returned to source(s) the same as those considered in the existing licence?

Yes No

Estimated quantity(s) of water returned to source(s): 0 m³/day

Are the quality(s) of water(s) returned to source(s) the same as those considered in the existing licence?

Yes No

Describe the quality(s) of water(s) returned to source(s): **Not Applicable**

14. WASTE

Are the type(s) of waste(s) to be generated and/ or deposited the same as those considered in the existing licence?

Yes No

Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Sewage | <input checked="" type="checkbox"/> Waste oil |
| <input checked="" type="checkbox"/> Solid Waste | <input checked="" type="checkbox"/> Greywater |
| <input checked="" type="checkbox"/> Hazardous | <input checked="" type="checkbox"/> Sludges |
| <input checked="" type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste | |
| <input type="checkbox"/> Other (describe): _____ | |

15. QUANTITY AND QUALITY OF WASTE INVOLVED

Are the quantity(s) of the types of wastes involved the same as those considered in the existing licence?

Yes No

Are the composition(s) of the types of wastes involved the same as those considered in the existing licence?

Yes No

Are the method(s) of treatment for the types of waste involved the same as those considered in the existing licence?

Yes No

Are the method(s) of disposal for the types of waste involved the same as those considered in the existing licence?

Yes No

For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage	Camp sewage including greywater	20 to 30 m ³ /day	Sewage Treatment Facility	Treated Effluent Discharge
Solid Waste	Food waste, packaging	2 kg / person / day (200 kg / day)	Incineration of combustible nonhazardous waste; storage and backhaul of non-combustible waste to southern disposal or recycling facility.	
Hazardous	Waste oil, waste antifreeze, oily rags	2,000 L / year	Backhaul to southern disposal or recycling facility	
Bulky Items/Scrap Metal	Scrap metal (old drill rods, etc.)	Included in solid waste quantity estimate.	Backhaul to southern disposal or recycling facility	
Waste Oil	-	2,000 L / year	Storage in lined facility; backhaul to southern disposal facility	
Greywater	-	Included in sewage quantity estimate.	Sewage treatment facility or excavated sump.	

16. OTHER AUTHORIZATIONS

In addition to the sub-surface and surface land use authorizations provided in Block 6, are the same authorizations required as considered in the existing licence?

Yes No

For each provide the following:

Authorization: [Rock/Boulder Removal, Ege Bay, Foxe Basin, Qikiqtani Region \(21-HCAA-00685\)](#)

Administering Agency: [Fisheries and Oceans Canada](#)

Project Activity: [Removal of boulders from the foreshore environment at the barge landing location.](#)

Date (expected date) of issuance: [June 1, 2021](#) Date of expiry: [N/A](#)

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Are predicted environmental impacts of the undertaking and proposed mitigation measures the same as those considered in the existing water licence?

Yes No

Describe direct, indirect, and cumulative impacts related to water and waste.

- Air quality - the exploration activities will generate emissions locally that will have limited environmental impact.
- Noise - drilling, helicopters and airplanes will generate noise that has the potential to impact wildlife. There is a walrus haul-out on an Imiliq Island, approximately 15 km from the exploration area. Air traffic will avoid this area and will be mindful of the possible presence of other walrus haul-outs as well as caribou in the area. Minimum flight altitudes specified in land use leases/permits will be adhered to. An access trail will eventually be constructed between the camp and exploration area to minimize helicopter use.
- Surface water - Water will be withdrawn from two lakes in the area. Winter withdrawals will comply with DFO's 2010 Winter Water Withdrawal Guidelines. Intakes will be equipped with fish screens.
- Fisheries - Culverts will be installed in two small streams. Baffinland will seek direction from DFO including complying with the best practices outlined in a Letter of Advice (LOA).
- Soils, Permafrost and Landforms - Ground disturbances will be minimized. Quarries may be exploited to construct an access trail and an airstrip.
- Vegetation and wildlife - Baffinland will follow the wildlife and caribou protection measures outlined in exploration program's Environmental Protection Plan. This includes reducing activity of caribou move into the area.
- Cultural Heritage - A qualified archaeologist conducted archaeological surveys in the summers of 2018 and 2021. Archaeological sites identified will be avoided, protected or mitigated, using a methodology consistent with the Mary River Project's Cultural Heritage Protection Plan.
- Land Use - The exploration program area is not currently a high use area, based on the Mary River Inuit Knowledge Study and discussions with the Hamlet Councils and Hunter and Trapper Organizations in Igloodik and Hall Beach. The area was historically used by Inuit.

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Are the effects of the undertaking on any known persons or property including those that hold licences for water use in precedence to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature, the same as those considered in the existing water licence?

Yes No

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

No persons or properties are expected to be adversely affected by the proposed undertaking. To Baffinland's knowledge, there are no other water licence or land use holders active in the area.

19. INUIT WATER RIGHTS

Are the effects of the undertaking on the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL) the same as those considered in the existing water licence?

Yes No

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

The Ege Bay Exploration Program is not expected to substantially affect the quality, quantity or flow of waters through IOL. This aspect will be discussed and agreed upon with the Qikiqtani Inuit Association during any Land Use Permit or Land Use Lease applications.

20. CONSULTATION - Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

Baffinland continues to consult with the Baffin communities and organizations regarding; ongoing exploration activities. The NIRB and NWB Annual Report for Ege Bay detail a complete list of consultations and meetings held with regulators, stakeholders and the public by Baffinland.

21. SECURITY INFORMATION

Is the financial security assessment the same as that considered in the existing water licence?

Yes No

Is the estimate of the total financial security for final reclamation the same as that considered in the existing water licence?

Yes No

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

A reclamation cost estimate is presented in the Closure and Reclamation Plan, presented in Attachment 8.

22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

Yes No

Provide an updated statement of financial security.

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

Yes No

Provide a list of the officers of the company.

The following individuals are officers of the company, as of March 2026:

Jowdat Waheed	President and Chief Executive Officer
Michael Anderson	Executive Vice President, Operations
Celeste van Tonder	Chief Financial Officer
Sajid Rizvi	Senior Vice President, Corporate Development & Investor Relations
Mark O'Brien	Executive Vice President and General Counsel
Megan Lord-Hoyle	Vice President, Sustainable Development
Udloriak Hanson	Vice President, Community and Strategic Development
Robin Nundoo	Vice President, Sales & Logistics

Is the Certificate of Incorporation or evidence of registration of the company name the same?

Yes No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

Provided in Attachment 6.

23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

No studies have been undertaken in support of the Ege Bay Exploration Program. A number of relevant studies conducted for the Mary River Project describe Inuit land use and ecological resources:

- Knight Piésold Ltd., 2010. *Baffinland Iron Mines Corporation – Mary River Project - Land Use in the Vicinity of the Mary River Project*. Ref. No. NB102-181/2, Rev. 0, December 16.
- Baffinland Iron Mines Corporation, 2014. *Mary River Inuit Knowledge Study*. Compiled by Knight Piésold Ltd.

The Ege Bay Exploration Program Project Proposal (Attachment 2) describes site conditions including catchment areas feeding the water source lakes.

The current licence is deemed to be compliant as no inspection and/or compliance reports from CIRNAC Water Resources Officers (the Inspector) outlining concerns pertaining to the scope of the Type B Water Licence have ever been received.

25. PROPOSED TERM OF LICENCE

On what date does the existing licence expire? [April 3, 2026](#)

Indicate the proposed term of the renewal (maximum of 25 years): [10 Years](#)

Requested date of renewal issuance: [June 2026](#) Requested Expiry Date: [December 2036](#)
(month/year) (month/year)

(The requested date of renewal issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

26. ANNUAL REPORTING

Is the annual report template expected to be the same as that considered in the existing licence?

Yes No

If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

27. CHECKLIST

The following must be included with the application for renewal for the water licensing process to begin.

Completed Application for Water Licence Renewal form.

Yes No If no, date expected _____

Updated plans, including designs and reports (see Block 23).

Yes No If no, date expected _____

Updated security assessment (see Block 21).

Yes No If no, date expected _____

Updated financial statement (see Block 22).

Yes No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

Yes No If no, date expected _____

English Summary of Renewal Application.

Yes No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Renewal Application.

Yes No If no, date expected _____

Application fee of \$30.00 CDN (Payee Receiver General for Canada).

Yes No If no, date expected _____


Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

Yes No If no, date expected _____

28. SIGNATURE

I, Lou Kamermans (print name)

certify that the application requires no changes to water use or waste disposal as previously authorized and that the information given on this form is, to the best of my knowledge, correct and complete.



Signature

April 16, 2026
Date

