



Application for Water Licence Amendment

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Month/Day/Year

P.O. BOX 119
GJOA HAVEN, NUNAVUT
XOB 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369

NUNAVUT IMALIRIYIN KATIMAYIT
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

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; request for background information; and change to Block 24	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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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: _____ 8BC-ABH2125_ updated to **8BC-ABH2529** _____

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. **An amendment 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: _____

Address: _____

Phone: _____

Fax: _____

e-mail: _____

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

Please use existing information.

Name: _____

Address: _____

Phone: _____

Fax: _____

e-mail: _____

(Attach authorization letter.)

3. NAME OF PROJECT

Has the name of the project changed?

Yes No

If Yes, indicate the name of the project including the name of the location: _____

4. LOCATION OF UNDERTAKING

Does the proposed amendment change the location of the amended undertaking?

Yes No (general project area is the same)

Specific project activities and their locations have been added.

Provide the project extents and camp locations. Identify proposed changes.

Project Extents

NW: 73° 2'31.97"N , 85°13'46.46"W
NE: 73° 2'52.54"N, 85°12'41.60"W
SE: 73° 1'59.43"N, 85° 6'2.90"W
SW: 73° 1'50.97"N, 85°10'54.96"W

Camp Location(s)

Latitude: Longitude: (° ' " W)
NW: 73° 2'3.05"N, 85° 7'23.41"W
NE: 73° 2'0.30"N, 85° 7'11.90"W
SE: 73° 1'51.23"N, 85° 7'14.73"W
SW: 73° 2'1.63"N, 85° 7'26.11"W

Maintenance Garage

Latitude: Longitude: (° ' " W)
NW: 73° 1'54.64"N, 85° 6'34.88"W
NE: 73° 1'54.79"N, 85° 6'28.61"W
SE: 73° 1'53.62"N, 85° 6'28.29"W
SW: 73° 1'53.19"N, 85° 6'34.09"W

Natural Source water taking location (Alternate Water Supply Lake)

73° 2'39.70"N, 85°13'12.88"W

Quarry Location

Latitude: Longitude: (° ' " W)
NW: 73° 2'26.96"N, 85°12'48.36"W
NE: 73° 2'21.03"N, 85°12'1.35"W
SE: 73° 2'13.44"N, 85°12'4.70"W
SW: 73° 2'17.63"N, 85°12'33.86"W

Approximate Quarry culvert location

73° 2'19.94"N, 85°12'19.88"W

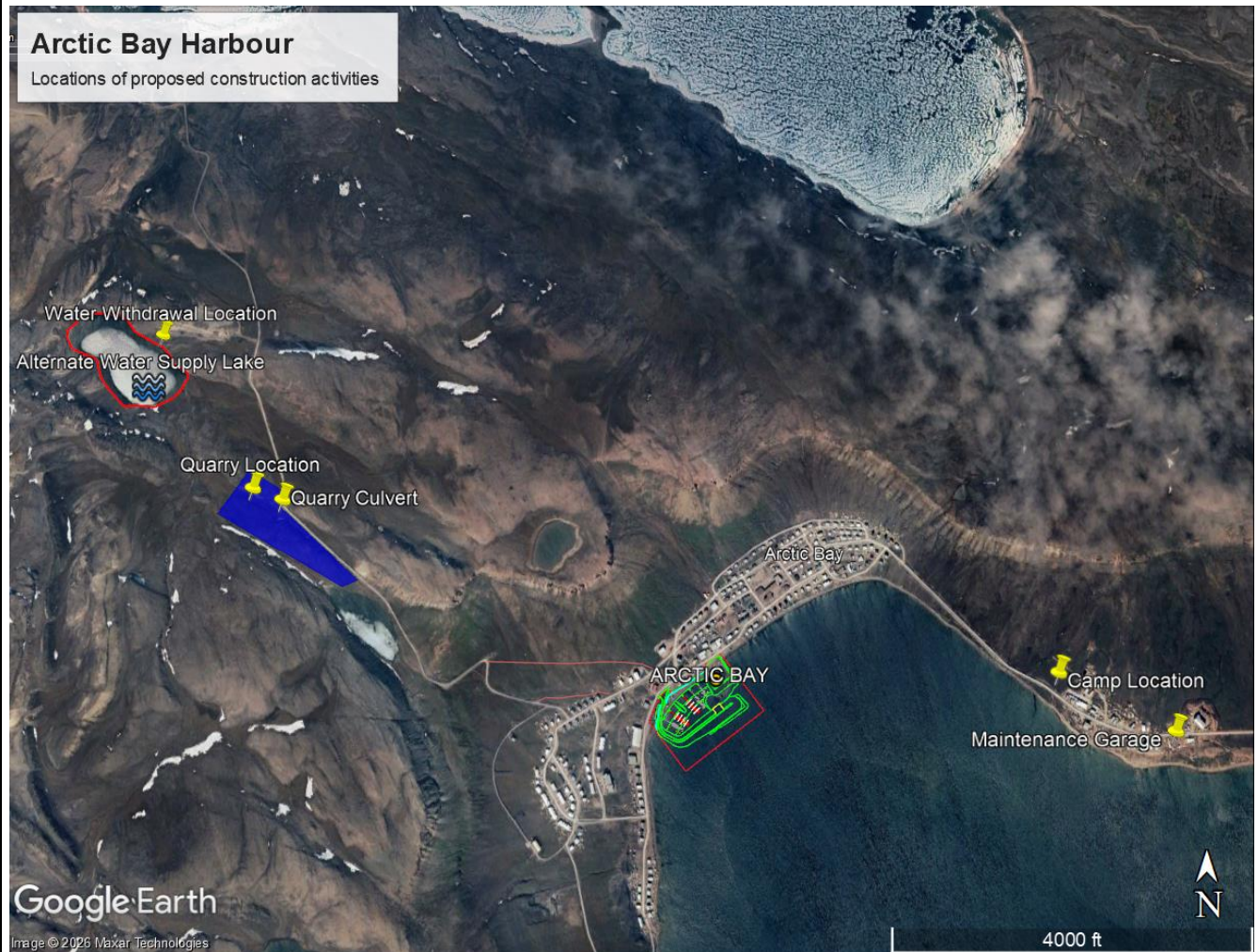
5. MAP

Does the proposed amendment change the locations of any of the main components of the undertaking?

Yes No

Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes. **The attached construction work plans describe the locations of all proposed construction activities.**

NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _____



6. NATURE OF INTEREST IN THE LAND

Does the proposed amendment change the nature of the interest in the land?

Yes No

If Yes, indicate changes. _____

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: _____ Date of expiry: _____

Mineral Lease from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

Surface

Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____

IOL Authorization from Kivalliq Inuit Association (KivIA)
Date (expected date) of issuance: _____ Date of expiry: _____

IOL Authorization from Qikiqtani Inuit Association (QIA)
Date (expected date) of issuance: _____ Date of expiry: _____

Commissioner's Land Use Authorization
Date (expected date) of issuance: _____ Date of expiry: _____

Other: [Federal Government Land Use \(transferred from CIRNAC\)](#)
Date (expected date) of issuance: [June 2023](#) Date of expiry: [N/A](#)

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

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> North Baffin | <input type="checkbox"/> Keewatin |
| <input type="checkbox"/> South Baffin | <input type="checkbox"/> Sanikiluaq |
| <input type="checkbox"/> Akunnig | <input type="checkbox"/> West Kitikmeot |

Does the proposed amendment change the land use planning area?

Yes No

If yes, indicate the land use planning area in which the amended undertaking is located.

North Baffin
 South Baffin
 Akunnig

Keewatin
 Sanikiluaq
 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 file: 150814__and NPC File : 149437__

Does the proposed amendment 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.

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. _NPC File : 149437, NIRB File No. 21UN004

Does the proposed amendment 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

Does the proposed amendment change the description of the undertaking?

Yes No

List and attach plans and drawings or project proposal. Identify proposed changes.

DFO-SCH are requesting that the licence be amended to include

- Water taking from a municipal source
- Water taking from a natural source
- The addition of one culvert from the previous design

Found in the construction work plans, more elaborate details of the proposed construction work for the

- Municipal (includes camps/lodges)
- Power

- Recreational
- Miscellaneous (describe below):
Harbour Development

Does the proposed amendment change the classification of primary undertaking?

Yes No

If Yes, indicate the primary undertaking of the amendment: _____

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. Indicate which SIG(s) are applicable to your application.

- Hydrostatic Testing
- Tannery
- Tourist / Remote Camp
- Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
- Onshore Oil and Gas Exploration Drilling
- Mineral Exploration / Remote Camp
- Advanced Exploration
- Mine Development
- Municipal
- General Water Works
- Power

12. WATER USE

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.

- To obtain water for camp/ municipal purposes
- To obtain water for industrial purposes
- To cross a watercourse
- To alter the flow of, or store water
- Other: _____
- To divert a watercourse
- To modify the bed or bank of a watercourse
- Flood control

Does the proposed amendment change the type(s) of water use(s)?

Yes No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

- To obtain water for camp/ municipal purposes
- To obtain water for industrial purposes
- To cross a watercourse
- To alter the flow of, or store water
- Other: _____
- To divert a watercourse (continued)
- To modify the bed or bank of a watercourse
- Flood control

13. QUANTITY OF WATER INVOLVED

Does the proposed amendment change the source of water?

Yes

No

Indicate the water source(s). Identify proposed changes.:

The contractor is proposing to obtain water in two ways:

Camp water

Camp water will be sourced from the Arctic Bay hamlet water supply. A contract between the hamlet and the contractor will be established for the delivery of water, by water truck, to the camp for a fee. Expected volumes of water for camp use are approximately 13 cubic metres per day.

Construction Use

The contractor would like to withdraw water directly from Alternate Water Supply Lake. This will be done with a contractor owned pumper truck which will park near the waters edge on the established community access road, and use a truck mounted pump to draw water into the holding tank. The intake pipe/hose on the pump will be fitted with a end-of-pipe screen which conforms with the end-of-pipe code of practice published by DFO-Fish and Fish habitat protection program (FFHPP). Pump will have up to 0.035 m³/s (max flow rate), however it is expected that a truck mounted pump with 0.0166 m³/s (264 GPM) max flow rate will be used most commonly. Water will be used for construction activities including but not limited to; dust control, compaction, and washing/rinsing equipment. Approximately 23 cubic metres may be used per day, however will be intermittent and as needed.

DFO-SCH would like to apply for the use of water (both municipal and natural sourced) of up to 36 cubic metres per day for the activities listed above.

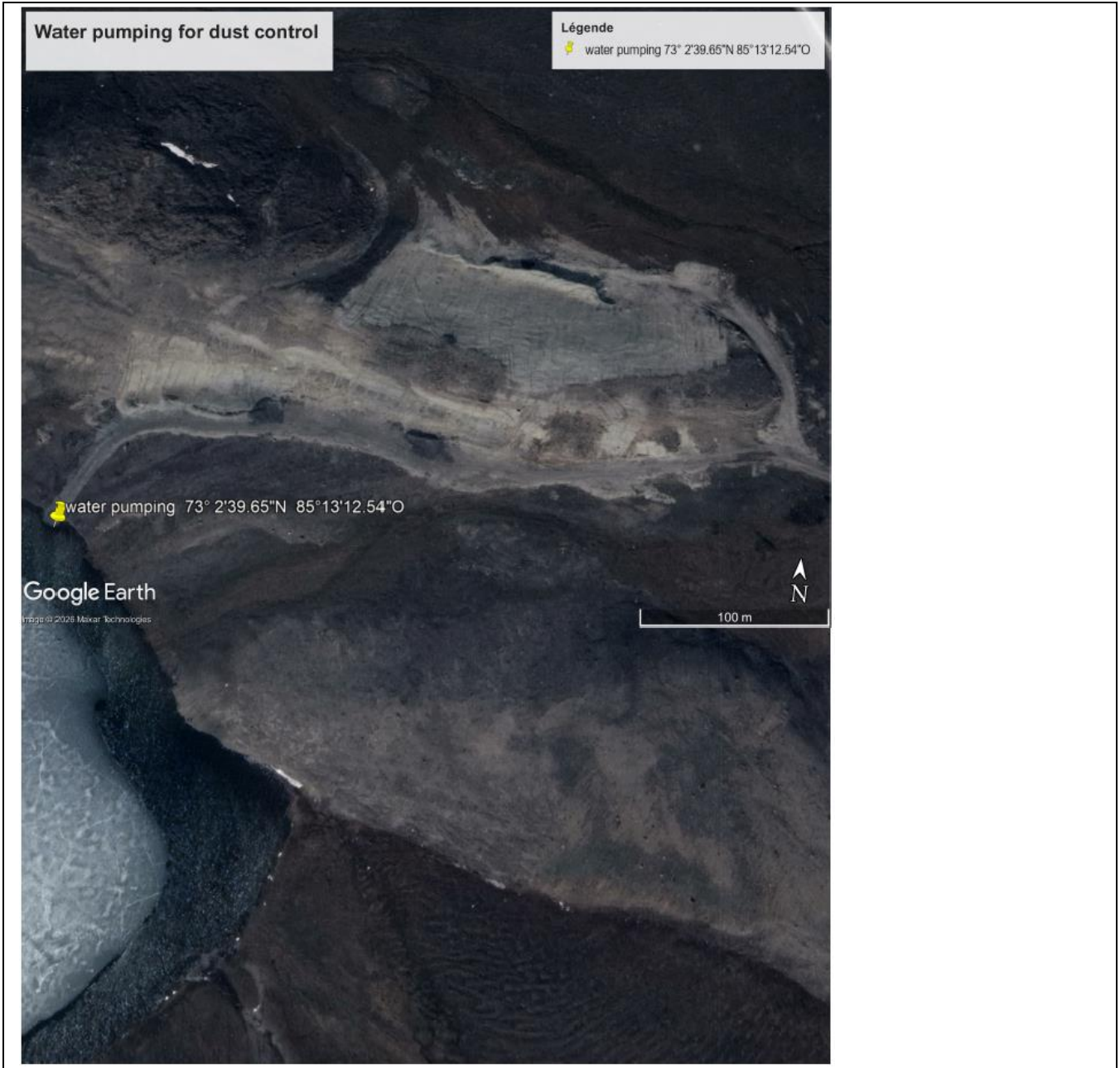
(show location(s) on map)

Does the proposed amendment change the quality of the water source and/or its available capacity?

Yes No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes.: ____

The water quality will remain unaffected. The volume of water taken from Alternate Water Supply Lake will be monitored but likely negligible impacts to the source. The municipal water supplies will be monitored by the hamlet, if community water supplies are low alternate water supply arrangements will be made and NWB will be informed of the changes. _____



Does the proposed amendment change the overall quantity of water to be used?

Yes No

Provide the overall estimated quantity to be used. Identify proposed changes. : _____36_____ m³/day

Does the proposed amendment change the quantity of water to be used from each source?

Yes No

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

Hamlet water supply = ~13 cubic metres per day
Alternate Water Supply Lake = ~23 metres per day

Does the proposed amendment change the quantity of water to be used for each purpose?

Yes No

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

As described above, following volumes are assumed for each activity

Activity	Volume
Camp use	~13 cubic metres
Construction Activities; dust suppression, compaction, washing/rinsing equipment	~23 cubic metres

Total water use 36 cubic metres

Does the proposed amendment change the method(s) of extraction?

Yes No

Describe the method(s) of extraction. Identify proposed changes. :_____ The contractor is proposing to use a small portable pump with a screened hose to extract water directly from Alternate Water Supply Lake. Water will be pumped directly in to a water truck. Pump will have <0.035 m³/s (max flow rate).

Does the proposed amendment change the quantity(s) of water returned to source(s)?

Yes No

This water may re-enter the lake or ocean through surficial drainage, however it is more likely that the water will be subject to evapotranspiration or enter the ground. This is not expected to be a change from the originally proposed operations.

Estimated quantity(s) of water returned to source(s). Identify proposed changes. : _____ m³/day

Does the proposed amendment change the quality(s) of water returned to source(s)?

Yes No

Describe the quality(s) of water(s) returned to source(s). Identify any changes. : _____

14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.

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

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

Yes No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

- | | |
|---|--|
| <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 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

Does the proposed amendment change the quantity(s) of the types of wastes involved?

Yes No

Does the proposed amendment change the composition(s) of the types of wastes involved?

Yes No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

Yes No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

Yes No

If Yes to any of the above, describe the proposed changes: _

Waste generated and the proposed treatment and disposal methods are described in the Waste Management Plan provided in the attachments.

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
Hazardous	Construction related	100 L		Package, sealed and transported south in shipping containers for disposal in accordance with applicable regulations

Combustible wastes	Woods, cardboard, paper, etc. (Camp)	2 tonnes		Municipal landfill
Non-Combustible wastes	Garbage (Camp)	0.5 tonnes		Municipal landfill
Greywater	Greywater (Camp, washing activities)	800 m3		Collected in wastewater truck and transported to municipal wastewater treatment facility
Sewage (human waste)	Camp generated	1,500 m3		Collected in wastewater truck and transported to municipal wastewater treatment facility (lagoon)
Overburden (organic soil, waste material, tailings)	Quarry	Negligible		Stockpiled at quarry

16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

Yes No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.

For each provide the following:

Authorization: _____

Administering Agency: _____

Project Activity: _____

Date (expected date) of issuance: _____ Date of expiry: _____

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?

Yes No

The scope of work has not changed since originally designed. The details of how the contractor will carry out the work have now been added for the purposes of this licence.

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

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

Yes No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Yes, water supply paid monthly to hamlet by volume delivered with the water truck.

Does the proposed amendment adversely affect 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?

Yes No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.

19. INUIT WATER RIGHTS

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

Yes No

If Yes, which DIO(s) _____

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

Yes No

If Yes, 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 DIO(s) with respect to the proposed amendment.

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.

An extensive consultation program has been designed to ensure that hunters, trappers, fishers, residents, and other community groups and organizations are consulted using a variety of methods and materials. Community consultations for the project began during the feasibility stage in 2018. Consultations are on-going and will continue throughout the life of the project. The consultation program includes formal and informal meetings, interviews, design workshops, residents' meetings, and public open houses. The community has been very engaged in the project and have provided valuable input into the design and planning on numerous occasions. The input has been carefully considered and design modifications have been implemented where appropriate. The most recent consultation meeting occurred in June 2025 and the report has been attached to this amendment application.

21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment?

Yes No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

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. Identify any changes in the financial security assessment resulting from the proposed amendment.

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.

This is a Federal Government led project. Financial Security has not changed.

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.

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.

23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

As indicated in the original NWB application provided in 2021 DFO-SCH had planned to provided updated construction work plans detailing the project activities once a contractor was hired. Pilitak Enterprise Ltd. has been hired and has developed construction work plans in accordance with their needs to construct the project. Details on the specific work activities are found in the following plans which are attached to this amendment application.

Construction Environmental Management Plan

- Camp development
- General mitigations
- Section: Ground Stability and Permafrost
- Section: Surface Features
- Section: Hydrology
- Section: Air Quality
- Section: Fish and Fish Habitat

Traffic Management Plan

- Land Based Transportation

Spill Response Plan

- Referred to as Spill Contingency Plan (Nunavut regulations)

Quarry and Blasting Management Plan

- Details on drilling and water requirements

Sediment and Erosion Control Plan

- Include Sediment and Water Quality mitigation measures and monitoring

Waste Management Plan

- Include details on all waste disposal

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.

24. PROPOSED TIME SCHEDULE

When are proposed amendments scheduled to be undertaken: ____The contractor is anticipating construction of the work camp and beginning quarry operations in August 2026.____

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

Yes No

NWB has been advised that the construction period for the project has changed to 2026 to 2030.

Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.

Construction

Proposed Start Date: August 2026 Proposed Completion
Date: December 2029
(month/year) (month/year)

Operation

Proposed Start Date: July 2030 Proposed Completion
Date: Ongoing (Designed to last 70 years)
(month/year) (month/year)

Closure

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

Post - Closure

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction

Winter Spring Summer Fall All season

Operation

Winter Spring Summer Fall All season

Closure

Winter Spring Summer Fall All season

Post - Closure

Winter Spring Summer Fall All season

25. PROPOSED TERM OF LICENCE

On what date does the existing licence expire? _____
As per **8BC-ABH2529** __Expiry December 31, 2029_____

Is the Licensee applying for a combined renewal and amendment of the existing licence?

Yes No

If Yes, indicate the proposed term of the renewal (maximum of 25 years): _____

Requested date of renewal issuance: _____ Requested Expiry Date: _____
(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

Will the proposed amendment change the content of annual reports or the annual report template?

Yes No

If Yes, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

Due to the addition of specific details of construction activities it is expected that some reporting requirements may be updated by NWB. We will leave this to NWB to decide monitoring and reporting scope for the project.

27. CHECKLIST

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

Completed Application for Water Licence Amendment form.

Yes No If no, date expected _____

Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)

Yes No (supplemental information provided to Previous application)
If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

Yes (No non-compliance) No If no, date expected

Indication of Renewal Requirement (see Block 26)

Yes No If no, date expected _____

English Summary of Amendment Application.

Yes No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Amendment Application.

Yes No If no, date expected _____

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

Yes No (Federal Government) 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 (Federal Government- please forward invoice if required) If
no, date expected _____

28. SIGNATURE			
Signed by Chris McDermid on behalf of Eleanor McEwan			
Eleanor McEwan	Senior Project Engineer		6/19/2026
Name (Print)	Title (Print)	Signature	Date