



P.O. Box 119

GJOA HAVEN, NU X0B 1J0

TEL: (867) 360-6338

FAX: (867) 360-6369

kNK5 wmoEp5 vtmp5

NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYIT

OFFICE DES EAUX DU NUNAVUT

GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: Guide to Completing and Submitting a Water Licence Application for a New Licence for more information about this application form.

LICENCE NO: (for NWB use only)													
<p>1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address)</p> <p>Applicant: Fisheries and Oceans Canada – Small Craft Harbours (DFO-SCH) 501 University Crescent Winnipeg, Manitoba R3T 2N6</p> <p>Applicant Contact: Eleanor McEwan, P.Eng. Senior Project Engineer Winnipeg, Manitoba R3T 2N6</p> <p>Phone: (204) 984-1102 _____ Fax: _____ e-mail: eleanor.mcewan@dfo-mpo.gc.ca</p>	<p>2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address)</p> <p>Applicant Representative:</p> <p>Applicant Representative Contact:</p> <p>Phone_ Fax: _____ e-mail: _____ (Attach authorization letter.)</p>												
<p>3. NAME OF PROJECT (including the name of the project location)</p> <p>Clyde River Small Craft Harbour Development</p>													
<p>4. LOCATION OF UNDERTAKING</p> <p>Project Extents</p> <p>Harbour:</p> <table> <tr> <td>NW:</td> <td>Latitude: (70° 28' 10" N)</td> <td>Longitude: (68° 35' 59" W)</td> </tr> <tr> <td>NE:</td> <td>Latitude: (70° 28' 06" N)</td> <td>Longitude: (68° 35' 27" W)</td> </tr> <tr> <td>SE:</td> <td>Latitude: (70° 27' 55" N)</td> <td>Longitude: (68° 35' 43" W)</td> </tr> <tr> <td>SW:</td> <td>Latitude: (70° 28' 00" N)</td> <td>Longitude: (68° 36' 09" W)</td> </tr> </table> <p>River Crossing:</p>		NW:	Latitude: (70° 28' 10" N)	Longitude: (68° 35' 59" W)	NE:	Latitude: (70° 28' 06" N)	Longitude: (68° 35' 27" W)	SE:	Latitude: (70° 27' 55" N)	Longitude: (68° 35' 43" W)	SW:	Latitude: (70° 28' 00" N)	Longitude: (68° 36' 09" W)
NW:	Latitude: (70° 28' 10" N)	Longitude: (68° 35' 59" W)											
NE:	Latitude: (70° 28' 06" N)	Longitude: (68° 35' 27" W)											
SE:	Latitude: (70° 27' 55" N)	Longitude: (68° 35' 43" W)											
SW:	Latitude: (70° 28' 00" N)	Longitude: (68° 36' 09" W)											

NW: Latitude: (70° 28' 27" N) Longitude: (68° 31' 20" W)
NE: Latitude: (70° 28' 27" N) Longitude: (68° 31' 18" W)
SE: Latitude: (70° 28' 25" N) Longitude: (68° 31' 21" W)
SW: Latitude: (70° 28' 25" N) Longitude: (68° 31' 22" W)

Quarry:

NW: Latitude: (70° 28' 14" N) Longitude: (68° 32' 14" W)
NE: Latitude: (70° 28' 07" N) Longitude: (68° 31' 24" W)
SE: Latitude: (70° 27' 52" N) Longitude: (68° 31' 38" W)
SW: Latitude: (70° 27' 59" N) Longitude: (68° 32' 23" W)

Camp Location(s)

Latitude: (70° 28' 23" N) Longitude: (68° 35' 27" W)
Latitude: (70° 28' 31" N) Longitude: (68° 33' 58" W)

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

NTS Map Sheet No.: _____ Map Name: Project Location Map Scale: 1: 1,000,000

NTS Map Sheet No.: _____ Map Name: Project Components Map Scale: 1:11,000

NTS Map Sheet No.: _____ Map Name: Small Craft Harbour General Arrangement
Map Scale: 1:1,300

NTS Map Sheet No.: _____ Map Name: Freshwater River Habitat Map Scale: 1:2,500

- 6. NATURE OF INTEREST IN THE LAND** - 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: April/May 2022_ Date of expiry: October 31, 2025

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

Name of entity(s) holding authorizations:

DFO-SCH
501 University Crescent
Winnipeg, Manitoba R3T 2N6

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the 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 |

Is a land use plan conformity determination required?

- ☒ Yes ☐ No

If Yes, indicate date issued and attach copy June 22, 2021

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

Is an Article 12 Part 4 screening determination required?

- ☒ Yes ☐ No

If Yes, indicate date issued and attach copy October 18, 2021

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

DFO-SCH is proposing to construct a small craft harbour in Clyde River, Nunavut. The Project is a coastal infrastructure project that consists of the modification of existing infrastructure at the community sealift and the construction of a new small craft harbour. Construction of the new small craft harbour involves marine-based activities (i.e., marine construction, dredging of material from the harbour bottom) and quarrying rock from an existing community quarry. Dredged materials will be disposed of on land on the west side of the existing Government of Nunavut Petroleum Products Division fuel storage facility. Rock sourced from the quarry will be hauled from the quarry via an existing road through the hamlet. During construction, a river crossing structure on the haul road at the river north of the quarry will be required.

There are two culverts located to the east and west of the current harbour. The one to the east is a 1100mm diameter (dia.) corrugated metal culvert and the one to the west is a 600mm dia. corrugated metal culvert. Sizing of the two culverts were checked for hydraulic capacity using PCSWMM software and both were confirmed to have capacity for the 100-year storm event. The plan is to maintain both culverts in place and not to disturb them. Another culvert will need to be installed to the west to accommodate the access road over the breakwater to the area west of the harbour. A 600mm dia. culvert will be placed in this location.

	Flow (m³/s)		
	100yr	50yr	5yr
Culvert (West)	0.6987	0.5994	0.1809
Culvert (East)	2.109	2.012	1.428

The 100-year maximum flow/depth for the two culverts is: 1) 0.55 for the 1100mm dia. Culvert; and 2) 0.61 for the 600mm dia. culvert.

A new culvert is being installed to replace the existing culvert at the western edge of the site to angle stormwater runoff west of the breakwater. The channel moves water only during rainfall events and snow melt. There is no defined channel where it sheet flows over land from the existing culvert to the harbour. Additional information, including culvert locations, is provided in section 3.2.17 of the attached Construction Documentation - 66% Stage.

For the haul road river crossing, an existing ford site will be used to construct a temporary crossing. The watercourse crossing will consist of a series of removable culverts designed for uninterrupted base river flow. The culverts will be removed for the winter season. Upon completion of the Project, the entire river crossing area will be removed, and the site will be restored to pre-construction conditions.

Further details are provided in the following:

- Clyde River Harbour Development - Project Proposal, Canadrill-CBCL, August 2021
- Clyde River Small Craft Harbour Development Construction Documentation Report, Construction Documentation – 66% Stage
- PWGSC Clyde River Project – River Crossing Options Analysis Final Report, Canadrill-CBCL, August 2021
- R.111193.001 – PWGSC Clyde River Harbour Development, NU – ET025-203252/001/PWZ Additional Option to the River Crossing Report, Letter dated September 27, 2021

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

Canadrill-CBCL carried out a River Crossing Options Analysis to investigate options to transport material from the quarry to the small craft harbour site. Two potential river crossing sites were identified for this study: the existing bridge site and the ford crossing. An alternate option considered was to barge the material across Patricia Bay to the small craft harbour site. A temporary low-profile crossing at the ford location, was found to be the most cost effective option.

See Section 4.5 of attached Clyde River Harbour Development Project Proposal that was submitted to NIRB for additional information on alternatives.

- 11. CLASSIFICATION OF PRIMARY UNDERTAKING** - Indicate the primary classification of undertaking by checking one of the following boxes.

- | | |
|---|---|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input 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 checked="" type="checkbox"/> Miscellaneous (describe below): |
| <u>Coastal Marine Infrastructure – Small Craft Harbour</u> | |

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

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. 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** - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

- | | |
|---|---|
| <input type="checkbox"/> To obtain water for camp/ municipal purposes | |
| <input type="checkbox"/> To obtain water for industrial purposes | <input checked="" 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 AND QUALITY OF WATER INVOLVED** - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.

Name of water source(s) (show location(s) on map):

Watercourse crossing: This river that the haul road crosses north of the quarry is locally known as Clyde River but is distinct from the Clyde River that is named on published topographic maps.

Watercourse to be diverted/culvert replacement: surface runoff at the small craft harbour site

Describe the quality of the water source(s) and the available capacity: NA

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

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

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

Describe the method of extraction(s): NA

Estimated quantity(s) of water returned to source(s) NA _____ m³/day

Describe the quality of water(s) returned to source(s): NA

- 14. WASTE** – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Sewage | <input 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 type="checkbox"/> Bulky Items/Scrap Metal | <input type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste | |
| <input checked="" type="checkbox"/> Other (describe): <u>Marine Sediment from dredging</u> | |

- 15. QUANTITY AND QUALITY OF WASTE INVOLVED** – 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	Human waste from camp	1,500 m ³ over project Approximately: 3.33 m ³ /day	N/A	Collected in wastewater truck and transported to municipal wastewater treatment facility
Greywater	Washing and cooking water	800 m ³ over project Approximately:	N/A	Collected in wastewater truck and transported to

		1.77 m ³ /day		municipal wastewater treatment facility
Hazardous	Generated in construction activities such as quarrying, maintenance of mobile equipment, welding and cutting of steel, painting wharf hardware and other miscellaneous components.	100 L over project Approximately: 0.222 L/day or 0.000222 m ³ /day	N/A	Package, sealed and transported south in shipping containers for disposal in accordance with applicable regulations
Solid	Combustible and non-combustible wastes from camp	2.5 Tonnes over project Approximately: 5.55 kg/day	N/A	Municipal landfill
Marine Sediment	Compact to very dense silty sand with varying amounts of gravel, cobbles and boulders	12,000 m ³ over project Approximately: 26.61 m ³ /day	N/A	Infilling or reuse by community

16. OTHER AUTHORIZATIONS – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

Authorization: Fisheries Act Authorization

Administering Agency: Fisheries and Oceans Canada (DFO)

Project Activity: Dredging, infilling, marine construction, river crossing.

Date (expected date) of issuance: March 2022 **Date of expiry:** October 31, 2025

Authorization: Approval under Canadian Navigable Waters Act

Administering Agency: Transport Canada

Project Activity: Dredging, infilling, marine construction, river crossing

Date (expected date) of issuance: Jan 2022 – Nov 2022 **Date of expiry:** N/A

Authorization: Explosives License

Administering Agency: Government of Nunavut Workers Safety & Compensation
Commission (WSCC)

Project Activity: Quarrying (acquisition and storage of explosives)

Date (expected date) of issuance: April/May 2022 **Date of expiry:** October 31, 2025

Authorization: Explosives License

Administering Agency: Natural Resources Canada

Project Activity: Quarrying

Date (expected date) of issuance: April/May 2022 **Date of expiry:** October 31, 2025

Authorization: Quarrying Permit

Administering Agency: Municipality of Clyde River

Project Activity: Quarrying

Date (expected date) of issuance: April/May 2022 **Date of expiry:** October 31, 2025

Authorization: Land Use Permit Commercial / Industrial Land Lease

Administering Agency: Municipality of Clyde River

Project Activity: Quarrying/hauling, camp location, new river crossing

Date (expected date) of issuance: March - May 2022 **Date of expiry:** October 31, 2025

Authorization: Land Use Permit

Administering Agency: Government of Nunavut

Project Activity: River crossing

Date (expected date) of issuance: April/May 2022 **Date of expiry:** October 31, 2025

- 17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** - Describe direct, indirect, and cumulative impacts related to water and waste.

See NIRB Project Proposal and CEMP supporting documents for more information.

Watercourse crossing:

Prior to the installation of the temporary river crossing, a heavy-duty excavator may be required to cross the river at the ford site for use at the quarry. This piece of heavy equipment is too large to pass over the proposed temporary river crossing. Therefore, this equipment will be moved before the crossing is installed at the beginning of each construction season. The machinery will pass within the footprint area of the temporary crossing to reduce potential effects to fish habitat in the river. Since the footprint of the river crossing is predominantly boulder and cobble, the weight of the machinery is not expected to

negatively affect these habitats. Embedding could occur if fine sediments are located beneath the rocky surface of the river; however, the site investigation of the river showed no evidence that fine substrates were present below the rocky substrates observed in the river.

The installation of culverts at the river crossing may raise the water level above the exposed rock level on the riverbank during very high flow events. Although sparse, the vegetation above this level may be adversely affected by the higher-grade level, possibly leading to an increase in erosion in this part of the river. The river crossing will be partially removed at the end of each construction season to mitigate the effects flooding and increased riverbank erosion due to ice jamming during the spring ice breakup.

In addition, the installation of the temporary river crossing will result in a temporary loss of fish habitat in the river crossing footprint area. The temporary loss of habitat occurs in a migratory corridor for Arctic Char. The area of temporary loss mainly consists of shallow boulders and cobble in a wide section of the river; this area has been used as a river ford crossing for construction in the past. The river crossing will initially be constructed at the beginning of the first construction season; this is likely to occur in the summer of 2022 during the Arctic Char migration season. The crossing will be partially removed at the end of the construction season, before winter. To mitigate the effects on migrating Arctic Char, culverts will be sized and embedded to allow for fish passage.

By the end of construction in 2025, the temporary river crossing will be completely removed, and the site will be restored to pre-construction condition. The existing ford site was previously narrowed by infilling a portion of the riverbanks, thereby reducing the area available for migration. The restoration of the river crossing will include the removal of these infill areas, which will improve fish passage in this part of the river by restoring it to conditions approximating what would have been prior to the previous use as a ford crossing.

Construction and removal of the temporary river crossing may temporarily affect water quality in the freshwater river. The effects are anticipated to be low, since the substrate in the riverbed consists entirely of rocky material; therefore, it is not likely that disturbance of the riverbed will increase turbidity of TSS in the river. The construction of the crossing uses shot rock fill and rocky road materials free of fines; therefore, the installation and removal of the river crossing are unlikely to affect water quality.

Blasting at the quarry has the potential to increase sediment loading in drainage from the quarry site to the river. An erosion and sediment control plan will be implemented to mitigate these effects.

Diversion of a watercourse:

Two stormwater culverts located on the west and east sides of the small craft harbour construction site will require replacement during the Project. The small steel culvert to the west of the site directs surface water runoff from a small area around the bulk fuel storage facility toward the proposed southern breakwater. The surface water drainage channel in the western portion of the Project site will be redirected to allow surface water runoff west of the small craft harbour. The existing culvert for this drainage will be removed and a new culvert will be installed in the redirected drainage flow path. This drainage collects water only during rainfall events and snow melt; the replacement culvert will have the capacity for a 100-year storm event.

The eastern culvert is outside of the construction footprint; however, it will be frequently crossed by rock trucks hauling material to the site. The culvert was installed in such a way that there is limited cover over the culvert and no room to provide cover with impacted the profile of the road. The lack of cover is expected to result in damage to the culvert over the course of construction. This culvert may be replaced after construction following the completion of rock hauling.

18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

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 known persons or properties are adversely affected by the proposed undertaking.

19. INUIT WATER RIGHTS

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).

No effect of the Project on quality, quantity or flow of waters through IOL.

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.

See NIRB Project Proposal for more information.

During the feasibility study, two design workshops were held in November 2018 and May 2019 with members of the Nangmatauq HTA, and two additional workshops took place with active Inuit hunters and fishers in Clyde River during May 2019 and November 2019. Members of the Canadrill-CBCL travelled to Clyde River in September 2020, February 2021, and September 2021 to participate in meetings and engagement activities. The intent of the IQ workshops and engagement activities for the small craft harbour Project were to work with the community to achieve the following:

- Present the proposed harbour layout and field programs to the community stakeholders and provide answers to questions
- Better understand the context of the small craft harbour in the community of Clyde River
- Collect field data and Inuit Qaujimajatuqangit (IQ)

The engagement tools and approaches used during the engagement trips to Clyde River included: Structured presentations and discussions with the Hamlet, Nangmatauq HTA, QIA members Meetings with knowledge holders to gather information on IQ

- Discussions with the Mayor of Clyde River
- Drop in visits with the RCMP and Conservation Officer
- Ad hoc conversations with people from Clyde River

Comments raised around fishing and harvesting in the harbour were addressed to allow these activities to resume at the existing harbour during construction when viable. Extensive feedback concerning the influence of wind direction, tidal strength, seasonal storms and interaction with ice on the proposed small craft harbour was integrated into the design of the breakwaters to safeguard boats from enduring damage due to extreme environmental conditions. The expressed aspiration to allow fishing to safely occur from the breakwaters was also incorporated into the design.

Additionally, comments regarding relocating the river crossing along the haul route were also taken into consideration as the existing river crossing is unlikely to be used due to concerns expressed about the integrity of the existing bridge structure. Concerns over disposal at sea were considered, and the ability to use dredged material as fill material in the upland region of the harbour were also addressed in the design.

IQ was integrated into this assessment to evaluate the impact of construction activities on socio-economic components and freshwater and marine species and their habitat in particular since knowledge holders provided key information regarding these topics. The safety concerns articulated during the IQ workshops and community consultations are addressed through the planning of mitigation measures to avoid potential adverse effects of the Project construction on health and safety

21. SECURITY INFORMATION

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.

Approximately \$1,500,000

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

If the applicant is a business entity, provide a list of the officers of the company.

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

23. STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.

Clyde River Harbour Development Geological Assessment -, NU, Advisian, January 2021

Clyde River Harbour Development - Project Proposal, Canadrill-CBCL, August 2021

Clyde River Harbour Development - Construction Environmental Management Plan, Canadrill-CBCL, August 2021

Clyde River Small Craft Harbour Development Construction Documentation Report, Construction Documentation – 66% Stage

PWGSC Clyde River Project – River Crossing Options Analysis Final Report, Canadrill-CBCL, August 2021

R.111193.001 – PWGSC Clyde River Harbour Development, NU – ET025-203252/001/PWZ Additional Option to the River Crossing Report, Letter dated September 27, 2021

24. PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

Construction

Proposed Start Date: May/2022 Proposed Completion Date: October/2025
(month/year) (month/year)

Operation

Proposed Start Date: June/2026 Proposed Completion Date: _____
(month/year) (month/year)

Closure

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

Post - Closure

Proposed Start Date: N/A 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

Number of years (maximum of 25 years): 4 years

Requested Date of Issuance: February/2022 Requested Expiry Date: October/2025
(month/year) (month/year)

(The requested date of 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** – 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.

Annual reports will be submitted to NWB prior to March 31 each year using NWB's standardized form.

27. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

☒ Yes ☐ No If no, date expected _____

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☒ Yes ☐ No If no, date expected _____

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected _____

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

☒ Yes ☐ No If no, date expected _____

English Summary of Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of 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

Eleanor MacEwan	Senior Project Engineer		11/10/2021
Name (Print)	Title (Print)	Signature	Date