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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

WATER LICENCE APPLICATION FORM

Application for: (check one)

☒ **New** ☐ **Renewal** ☐ **Amendment** ☐ **Assignment** ☐ **Cancellation**

LICENCE NO:
(for NWB use only)

<p>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</p> <p><u>John Stecyk, P. Eng., Regional Engineer</u> <u>Small Craft Harbours Branch</u> <u>Central and Arctic Region</u> <u>Fisheries and Oceans Canada</u> <u>501 University Crescent</u> <u>Winnipeg, MB R3T 2N6</u> <u>Office: 204-984-0629 Cell: 204-391-0627</u> <u>Fax: 204-983-7166</u> <u>john.stecyk@dfo-mpo.gc.ca</u></p> <p><u>Rick Kiriluk, Environmental Assessment Advisor</u> <u>Small Craft Harbours Branch</u> <u>Central and Arctic Region</u> <u>Fisheries and Oceans Canada</u> <u>3027 Harvester Rd., Unit 506</u> <u>Burlington, ON L7R 3G7</u> <u>Office: 905-639-5165 Cell: 905-691-0014</u> <u>Fax: 905-639-5975</u> <u>rick.kiriluk@dfo-mpo.gc.ca</u></p> <p>Phone: _____ Fax: _____ e-mail: _____</p>	<p>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</p> <p>_____</p> <p>Phone: _____ Fax: _____ e-mail: _____</p>
<p>3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking)</p> <p>The tidal flats adjacent to the Hamlet of Pangnirtung Nunavut within the site of the existing harbour.</p> <p>Min Lat (degree/minute) 66°08' 40" Min Long (degree/minute) 065°42' 55" Max Lat (degree/minute) Max Long (degree/minute)</p> <p>NTS Map Sheet No: 26I/4 - attached</p> <p>Latitude: (° ' " N) Longitude: (° ' " W) NTS Map Sheet No. _____ Scale: _____</p>	

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Marshalling area "B" within the harbour may require placement of culvert to deal with outlet side channel of the Duval River

Overall project description:

Expansion of the existing harbour at Pangnirtung (existing structures - built in 1993-1995 - breakwater, boat basin, marshalling area, approach channel). See attached reports detailing the construction history of the site:

Construction Report, Community Harbour Construction, Pangnirtung, NT (Department of Transportation, Government of Northwest Territories, March 1995).

Construction Report, Pangnirtung Harbour Development, FY 1995/1996 (Department of Transportation, Government of Northwest Territories, November 1995).

The Small Craft Harbours Branch (SCHB) of the Department of Fisheries & Oceans Canada (DFO) has been mandated to develop small craft harbour facilities in Nunavut. The construction of the first small craft harbour will take place at the existing harbour location at the Hamlet of Pangnirtung. The existing harbour is located in an area of tidal flats, and includes a partially excavated entrance channel and basin, a 365 m long rubblemound ("east") breakwater, a vertical wharf structure and a marshalling area. The existing facilities were constructed between 1993 and 1996.

The proposed improvements include new fixed and floating wharf structures attached to the inside of the existing (east) breakwater, a second breakwater located to the west of the basin, expanded marshalling area within the basin, an additional marshalling area in front of the fuel farm, boat launching ramp, and a deeper entrance channel and mooring basin (as illustrated in attached diagram file name: ACAD - 20090617 Pang Realigned Channel Layout.pdf). All options will be explored for the use of dredge spoils in the new breakwater and marshalling areas. Additional activities may include ocean disposal of excess dredge spoils.

Final detailed plans and work plan/scheduling are still under development. Proposed works this summer may include installation of floating and fixed wharfs, dredging of boat basin and construction of a marshalling area.

5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire must be submitted with the application for undertakings listed in "**bold**")

☐ **Industrial**

☐ **Mining and Milling** (includes exploration/drilling)

☐ **Municipal** (includes camps/lodges)

☐ **Power**

☐ **Agricultural**

☐ **Conservation**

☐ **Recreational**

☒ **Miscellaneous** (describe below):

to build marshalling area within existing harbour

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

6. WATER USE

- ☐ To obtain water
 ☐ Flood control
☐ To cross a watercourse
 ☒ To divert a watercourse
☒ To modify the bed or bank of a watercourse
 ☒ To alter the flow of , or store, water
☐ Other (describe):

7. QUANTITY OF WATER INVOLVED (cubic metres per day including both quantity to be used and quantity to be returned to source)

- Water use**
☐ 100m³/day or less
☐ Greater than 100m³/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

Water returned to source
 _____ m³/day

8. WASTE (for each type of waste describe: composition, quantity (cubic metres per day), methods of treatment and disposal, etc.)

- ☐ Sewage
 ☐ Waste oil
☐ Solid Waste
 ☐ Greywater
☐ Hazardous
 ☐ Sludges
☐ Bulky Items/Scrap Metal
 ☐ Other describe):

9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary)
not applicable - land (bed of tidal flats) ownership transferred to DFO

Land Use Permit
 DIAND

☐ Yes ☐ No If no, date expected _____

Regional Inuit Association

☐ Yes ☐ No If no, date expected _____

Commissioner

☐ Yes ☐ No If no, date expected _____

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES (direct, indirect, cumulative impacts, etc.)

NIRB Screening ☒ Yes ☐ No If no, date expected _____

11. INUIT WATER RIGHTS

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?
 not applicable

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

12. CONTRACTORS AND SUB-CONTRACTORS (name, address and functions)

13. STUDIES UNDERTAKEN TO DATE (list and attach copies of studies, reports, research, etc.)

14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN

Supplementary Questionnaire (where applicable: see section 5) ☐ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun/English Summary of Project ☐ Yes ☐ No If no, date expected _____

Application fee of \$30.00 (Payee Receiver General for Canada) ☐ Yes ☐ No If no, date expected _____

Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)

☐ Yes ☐ No If no, date expected _____

15. PROPOSED TIME SCHEDULE (unless otherwise indicated, the NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: 2009 Completion Date: 2011

Name (Print)

Title (Print)

Signature

Date

For Nunavut Water Board office use only

APPLICATION FEE Amount: \$ _____ Pay ID No.: _____

WATER USE DEPOSIT Amount: \$ _____ Pay ID No.: _____