



Effective June 16, 2006

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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)

**1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE**

John Stecyk, P. Eng., Regional Engineer  
Small Craft Harbours Branch  
Central and Arctic Region  
Fisheries and Oceans Canada  
501 University Crescent  
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Rick Kiriluk, Environmental Assessment Advisor  
Small Craft Harbours Branch  
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rick.kiriluk@dfo-mpo.gc.ca

Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
e-mail: \_\_\_\_\_

**2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)**

\_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
e-mail: \_\_\_\_\_

**3. LOCATION OF UNDERTAKING** (describe and attach a topographical map, indicating the main components of the Undertaking)

**The drainage feature outlets into the existing harbour on the tidal flats adjacent to the Hamlet of Pangnirtung Nunavut.**

Min Lat (degree/minute) 66°08'40"      Min Long (degree/minute) 065°42'55"  
Max Lat (degree/minute)      Max Long (degree/minute)

NTS Map Sheet No: 26I/4 - attached

Latitude: (   °   '   " N)      Longitude: (   °   '   " W)

NTS Map Sheet No. \_\_\_\_\_ Scale: \_\_\_\_\_

**4. DESCRIPTION OF UNDERTAKING** (attach plans and drawings)

Overall project description:

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**")

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

to build a marshalling area outside the existing harbour in front of the fuel farm

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 quality to be returned to source)

Water use ☐ 100m<sup>3</sup>/day or less  
☐ Greater than 100m<sup>3</sup>/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

Water returned to source  
 \_\_\_\_\_ m<sup>3</sup>/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 \_\_\_\_\_

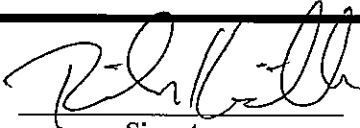
Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)

☐ 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

Rick Kiriluk EA Advisor  SEPT 14/09  
 Name (Print) Title (Print) Signature Date  
 for John Stecyk, Project Manager

For Nunavut Water Board office use only

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

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