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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>North Warning System Office c/o National Defence Headquarters 101 Colonel By Drive Ottawa, Ontario K1A 0K2 Attn: Major A. Cameron - R&CS 3-4</p> <p>Phone: (613) 998-8602 Fax: (613) 998-9261 e-mail: Cameron.AD@forces.gc.ca</p>	<p>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</p> <p><u>The Same</u></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>CAM-M - Cambridge Bay -NWB6 CAM0409 – Type “B” – Existing Licence</p> <p>Latitude: (69° 06' 52" N) Longitude: (105° 07' 14" W) NTS Map Sheet No. <u>N/A</u> Scale: <u>N/A</u></p>			
<p>4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)</p> <p><i>DND/NWSO Long Range Radar Station</i></p>			
<p>5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire must be submitted with the application for undertakings listed in “bold”)</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input checked="" type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below): </td> </tr> </table> <p style="text-align: center; margin-top: 20px;">See Schedule II of <i>Northwest Territories Waters Regulations</i> for Description of Undertakings</p>		<input type="checkbox"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input checked="" type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below):
<input type="checkbox"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input checked="" type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below):		

6. WATER USE

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

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.)

Approximately 2,190,000 liters per year

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 – Sewage (blackwater) and grey water are both handled by a tertiary wastewater treatment system, Cycle-let. Some of the treated water is recycled as urinal/toilet flush water; the rest goes to the designated grey water outfall area.
- ☒ Waste oil – Is retrograded to a licensed disposal facility located outside of Nunavut every year.
- ☒ Solid Waste – Solid waste is sent to the Cambridge Bay community landfill twice a week. Approximately 1 to 1.4 cubic meters per day of solid waste is generated.
- ☒ Greywater – Sewage (blackwater) and grey water are both handled by a tertiary wastewater treatment system. See “Sewage” description above.
- ☒ Hazardous – Hazardous waste is retrograded to a licensed disposal facility located outside of Nunavut every year.
- ☐ Sludges
- ☒ Bulky Items/Scrap Metal – These items are stored on a pallet line and retrograded for disposal outside of Nunavut as required, typically every two to four years.
- ☐ Other describe:

9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary)

Not applicable - Department of National Defence(DND) Property

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 _____

Effective June 16, 2006

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

NIRB Screening ☐ Yes ☐ No If no, date expected
 Reference: Monenco-Eyretchnics Group October 1987 - Initial Environmental Evaluation of the North Warning System Project - Eleven Long Range Radar Sites and the Short Range Radar Development Site - Volume One.

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?

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?

The project will NOT substantially affect the quality, quantity, or flow of water through Inuit Owned Lands.

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

Nasittuq Corporation (NWS Facility Manager)
 Suite 100, 170 Laurier Ave. W., Ottawa, ON K1P 5V5

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

See Box 10 above.

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 - Previously Provided

Inuktitut and/or Inuinnaqtun/English Summary of Project ☐ Yes ☒ No If no, date expected - Previously Provided

Application fee of \$30.00 (Payee Receiver General for Canada) ☐ Yes ☒ No If no, date expected - N/A

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 - N/A

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: 1 March 2009 Completion Date: September 1, 2009

A. Cameron
 Name (Print)

NCS 3-4
 Title (Print)

A. Cameron
 Signature

12 May 09
 Date

For Nunavut Water Board office use only

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

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