



Nunavut Water Board
NUNAVUT IMALIRIYIN KATIMAYINGI

**WATER LICENCE
APPLICATION FORM**

Application for: (check one)

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

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| LICENCE NO: (for NWB use only) | |
| 1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE Lou Spagnuolo A/Director, Contaminated Sites Indian and Northern Affairs Canada P.O. Box 2200, Iqaluit, Nunavut X0A 0H0 Phone: <u>(867) 979-7936</u> Fax: <u>(867) 979-7939</u> e-mail: <u>spagnuolol@inac.gc.ca</u> | 2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable) Phone: <u>N/A</u> Fax: _____ e-mail: _____ |
| 3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking) <i>Abandoned Military Site, FOX-C Intermediate DEW Line site on the east coast of Baffin Island, on the south shore of Ekalugad Fjord, Nunavut; See attached Site Location & Detailed Sketches.</i> Latitude: <u>68°42' N</u> Longitude: <u>68°33' W</u> NTS Map No. _____ | |

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Activities on Crown Land

- *A non hazardous waste landfill will be constructed. The landfill will contain demolition and other non hazardous waste generated during the clean up.*
- *Barrel consolidation will be carried out.*
- *Hydrocarbon contaminated soil will be moved to a landfarm facility*
- *The existing site infrastructure (primarily buildings at the Upper Station) will be demolished and the material will be segregated into hazardous and non-hazardous waste streams and disposed of appropriately;*
- *Scattered surface debris and partially buried debris is to be collected and disposed of in on site non hazardous waste landfills;*
- *Existing dump sites will be remediated, as required;*
- *Roads will be re-constructed and repaired.*

Hazardous wastes will be disposed of off site

Activities on Inuit Owned Land

- *A non hazardous waste landfill and a landfarm (that will be used to treat petroleum hydrocarbon contaminated soils) will be constructed.*
- *A number of borrow sources will be developed and material used to assist in the remediation work.*
- *Barrel consolidation, including removal of barrels from river and glacial stream will be carried out.*
- *Hydrocarbon contaminated soil will be moved to the landfarm facility*
- *The existing site infrastructure (primarily subsidiary buildings at Lake and Beach Areas) will be demolished and the material will be segregated into hazardous and non-hazardous waste streams and disposed of appropriately;*
- *Scattered surface debris and partially buried debris is to be collected and disposed of in on site non hazardous waste landfills;*
- *Hazardous wastes will be disposed of off site*
- *A non hazardous waste landfill will be constructed at the site. The landfill will contain demolition and other non hazardous waste generated during the clean up.*
- *Existing dump sites will be remediated, as required; and*
- *Roads will be re-constructed and repaired.*

Please see attached Remediation Work Plan for details.

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

☐ Industrial

☐ **Remote/Tourism Camps**

☐ **Mine Development**

☐ **Municipal**

☐ **Advanced Exploration**

☐ **Power**

☐ **Exploratory Drilling**

☒ **Other** (describe) *Site Remediation (completed Remote Camp Supplementary Questionnaire attached)*

| | |
|---------------------------------------------------------------------|--------------------------------------------------|
| <input checked="" type="checkbox"/> To obtain water | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To modify the bed or bank of a watercourse | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> To alter the flow of, or store, water | <input type="checkbox"/> Other (describe)_____ |
| <input checked="" type="checkbox"/> To cross a watercourse | |

The calculation is conservatively based on the highest number of people and days expected on site each year. Potable water for drinking and cooking will initially be transported to site. At a later date in the project schedule, site water may be made potable by treatment in accordance with the Health Canada GCDWQ: the anticipated volume of potable water required will increase the total water use by ~3,018 litres per year for a total of 304,893 litres of water per year.

| | |
|-------------------------------------------------------------|-------------------------------------------------|
| <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 type="checkbox"/> Other (describe) _____ |

DIAND x Yes No If no, date expected _____

Regional Inuit Association x Yes No If no, date expected _____

Commissioner Yes x No If no, date expected _____

NIRB Screening x Yes No If no, date expected to follow

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?

No; non-potable water usage will only occur during the camp period. No other impacts are expected. There will be no discharges to any waterbodies.

A barrel removal program will be carried out in the river and glacial stream. A Barrel Removal Protocol has been developed to carry out this work.

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?

N/A

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

Once regulatory approvals are in place, contracting for the project will proceed. No contracts have been tendered to date, and this information will be provided when it becomes available.

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

See Section 8 of attached Remote Camp Supplementary Questionnaire.

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/English Summary of Project ☒ Yes ☐ No

If no, date expected _____

Application fee \$30.00 (c/o Receiver General for Canada) ☐ Yes ☒ No

(Application being made by a federal gov't department)

If no, date expected _____

15. PROPOSED TIME SCHEDULE

Annual (or) ☒ Multi year

Start Date: September, 2005

Completion Date: October, 2007

Name (Print)

Title (Print)

Signature

Date

For Nunavut Water Board use only

APPLICATION FEE **Amount: \$**_____ **Receipt No.:**_____

WATER USE DEPOSIT **Amount: \$**_____ **Receipt No.:**_____