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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

WATER LICENCE SCHEDULE III - 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><i>Lou Spagnuolo Director, Contaminated Sites Program Indian & Northern Affairs Canada P.O. Box 2200 Iqaluit, NU X0A 0H0</i></p> <p>Phone: <u>(867) 975 4730</u> Fax: <u>(867) 975 4736</u> e-mail: <u>spagnuolol@inac-ainc.gc.ca</u></p>	<p>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</p> <p style="text-align: center;">-</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><i>Former United States(US) Coast Guard Long Range Navigation (LORAN) station at Cape Christian located 16 kilometers northeast of Clyde River, Nunavut</i></p> <p><i>see Appendix G: Cape Christian LORAN Site Location Map & aerial map showing the some of the current features of the site</i></p> <p>Latitude: <i>70° 31' N</i> Longitude: <i>68° 17' W</i> NTS Map Sheet No. <i>027F09</i> Scale: <i>1:250,000</i></p>	
<p>4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)</p> <p>Site remediation operations to include:</p> <ul style="list-style-type: none"> • <i>Mobilization & demobilization of equipment, materials and personnel to and from site.</i> • <i>Enhancement of site access routes & Site roads improvement</i> • <i>Camp set-up and operation</i> • <i>Hazardous material removal, handling and transportation</i> • <i>Temporary storage for hazardous materials, equipment and fuels</i> • <i>Building and infrastructure demolition and disposal onsite</i> • <i>Debris consolidation and disposal onsite</i> • <i>Excavation and relocation of PHC contaminated soils to a Landfarm</i> • <i>Excavation and removal offsite of metals and PCB contaminated soils</i> • <i>Quarrying of gravel and overburden materials</i> • <i>Non-hazardous Landfill construction & closure</i> 	

- *Landfarm construction & decommissioning after remediation*
- *Site grading*
- *Airstrip improvement (if required)*
- *Sealift landing site improvement (if required)*
- *Site monitoring (post-remediation)*

*See: Appendix A1 & A2 – Executive Summary in English and Inuktitut
Appendix B – Cape Christian Remediation Action Plan (RAP)
Appendix C – Project Schedule
Appendix G – Site Maps*

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"/> Mining and Milling (includes exploration/drilling) | <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): |

Site Remediation (Remote Camp Supplementary Questionnaire Completed and enclosed)

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

6. **WATER USE**

- | | |
|---|---|
| <input checked="" type="checkbox"/> To obtain water | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> To cross a watercourse | <input checked="" type="checkbox"/> To divert 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"/> 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 ☒ 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
 0 m³/day

Used water will not be returned to source; it will be discharged into a waste treatment facility – a temporary lagoon built to treat wastewater generated on-site (more details contained in the exploration and remote camp questionnaire)

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

- | | |
|---|--|
| <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): _____ |

*See: Section 2 – Exploration and Remote Camp Supplementary Questionnaire &
Appendix B – Cape Christian RAP
Appendix F – INAC Abandoned Military Site Remediation Protocol*

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

Land Use Permit

DIAND ☐ Yes ☒ No If no, date expected Not Applicable N/A

Regional Inuit Association ☐ Yes ☒ No If no, date expected N/A

Commissioner ☒ Yes ☐ No If no, date expected _____

Cape Christian site is situated on a land administered by the Government of Nunavut (GN). GN Land Use Permit application is submitted concurrently with this application

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

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

Environmental (Impact) Assessment (Screening Level) report will be forwarded to NWB under a separate Cover

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. All activities will take place on Commissioner's Land.

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)

This information will only be available after contract award(expected in may 2007)

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

- *Earth Tech Canada (2002): Former U.S. Coast Guard LORAN Station Cape Christian, Nunavut - Environmental Site Delineation and Material Inventory;*
- *Earth Tech Canada (2006): Former U.S. Coast Guard LORAN Station Cape Christian, NU - Supplemental Environmental Site Assessment, Material Audit and Geotechnical Evaluation;*
- *Earth Tech Canada (2006): Former U.S. Coast Guard LORAN Station Cape Christian, NU – Remedial Action Plan.*
- *FMA (2006) – Former U.S. Coast Guard LORAN Station Cape Christian, Nunavut - Archaeological Assessment;*

Environmental (Impact) Assessment report will come under a separate cover

See: Appendix H - Reports of Previous Studies

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 [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](#)

See: Section 2 and Appendices A1 & A2

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: *June 2007*

Completion Date: *September, 2010*

See: Appendix C – Project Schedule

Lou Spagnuolo

Director, Contaminated Sites

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.: _____