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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN

## WATER LICENCE APPLICATION FORM

Application for: (check one)

☒ New ☐ Amendment ☐ Renewal ☐ Assignment

LICENCE NO:

(for NWB use only)

NWB5HAL

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

Scott Hamilton, DLCU Environmental Officer  
Defense Construction Canada Ltd.  
Place de Ville, Tower B  
112 Kent Street, 17<sup>th</sup> Floor  
Ottawa, Ontario K1A 0K3

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as administered by:

Eva Schulz, P.Ag., Environmental Scientist  
UMA Engineering Ltd.  
Calgary, Alberta T2N 3S3

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

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

e-mail: \_\_\_\_\_

Nunavut Water  
Board

02

Public Registry

INTERNAL	
PO	<input checked="" type="checkbox"/>
LA	<input type="checkbox"/>
OM	<input type="checkbox"/>
TA	<input type="checkbox"/>
BS	<input type="checkbox"/>
ST	<input type="checkbox"/>
ED	<input type="checkbox"/>
CEO	<input type="checkbox"/>
BPD	<input type="checkbox"/>
EXT	<input type="checkbox"/>

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

FOX-M, Hall Beach is one of the 21 DND Distant Early Warning (DEW) Line sites to be cleaned up under the DEW Line Clean Up Project. The site is situated near the community of Hall Beach, on the eastern side of the Melville Peninsula in the Foxe Basin, Nunavut. Refer to Sketch 101 in the attached specifications.

Latitude: 68°45'N Longitude: 81°11'W NTS Map No. 47A Scale 1:50,000

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

The purpose of the project is to complete the remediation the Beach Refuel Area at the FOX-M, Hall Beach DEW Line site. The major components of the work include excavation of contaminated soils at the Beach Refuel Area, backfilling of the excavated area, and development of a secure stockpiling area.

The specifications and drawings outlining the scope of work are attached to this application.

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

- |  |   |
|--|---|
| <input type="checkbox"/> Industrial                  | <input type="checkbox"/> <b>Remote/Tourism Camps</b>                                      |
| <input type="checkbox"/> <b>Mine Development</b>     | <input type="checkbox"/> <b>Municipal</b>   |
| <input type="checkbox"/> <b>Advanced Exploration</b> | <input type="checkbox"/> Power  |
| <input type="checkbox"/> <b>Exploratory Drilling</b> | <input checked="" type="checkbox"/> Other (describe): <u>see attached specifications.</u> |

**6. WATER USE**

- |   |  |
|---|--|
| <input 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 checked="" type="checkbox"/> Other (describe): <u>see attached specifications</u> |
| <input type="checkbox"/> To cross a watercourse                     |  |

**7. QUANTITY OF WATER INVOLVED** (litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

It is estimated that the quantity of water to be used will be 10,000 litres/day. Water from an existing water supply will likely be pumped into a water tank on a truck using a portable pump and then transferred to a water storage tank at the construction storage area. As the contract for the work has not yet been awarded, the size of the tank is not available. No water will be returned to the source.

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

- |  |   |
|--|---|
| <input type="checkbox"/> Sewage                  | <input type="checkbox"/> Waste oil                          |
| <input type="checkbox"/> Solid Waste             | <input type="checkbox"/> Greywater                          |
| <input type="checkbox"/> Hazardous               | <input type="checkbox"/> Sludges                            |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Other (describe): _____ |

The construction camp personnel will be housed in either the community of Hall Beach or at the FOX-M, DEW Line station. Therefore, there will be no sewage or greywater produced from a camp. It is not anticipated that the clean up activities will generate any hazardous wastes. Hazardous wastes already existing at the site will be dealt with according to Section 4.12 of the Environmental Protection Plan included in the specifications.

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

DIAND Yes ☒ No If no, date expected \_\_\_\_\_

Land Use Permit has been applied for, but has not yet been received.

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.

Please refer to the Environmental Protection Plan included in the specifications.

**11. 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.

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)

The names, addresses and functions of the contractors and sub-contractors involved in the clean up of the FOX-M DEW Line site are not available at this time. A list containing this information can be provided following award of the clean up contract.

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

A summary of the previous studies is in the report in Annex B.

**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 of Receiver General for Canada) Yes ☒ No ☐ If no, date expected \_\_\_\_\_

**15. PROPOSED TIME SCHEDULE**

☒ Annual (or) ☐ Multi Year

Start Date: ASAP Completion Date: October 2002

\_\_\_\_\_  
Name (Print)

\_\_\_\_\_  
Title (Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**For Nunavut Water Board use only**

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

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