



February 14, 2003

File No.: 0171-120  
CAM-4, 3.6

Jim Wall  
Technical Advisor  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU X0B 1J0

Dear Mr. Wall:

**RE: Amendment to Water Use Licence NWB5PEL0104**

UMA Engineering Ltd. is submitting an application for an amendment to the above-noted water use licence for the clean up of the CAM-4, Pelly Bay DEW Line Site. The application is being submitted on behalf of Defence Construction Canada and the Department of National Defence.

A letter requesting an amendment was sent to the Nunavut Impact Review Board (NIRB) on January 29, 2003 and a copy was forwarded to the NWB. This letter provided construction details and design drawings for the proposed amendments. The letter to NIRB is to serve as a supporting document to this application.

We trust the information provided in the application for amendment, along with the January 29, 2003 letter to NIRB, is sufficient for you to process the application. If you have any comments or require further information, please contact the undersigned.

Sincerely,

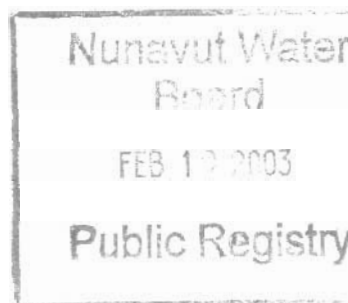
**UMA ENGINEERING LTD.**

Eva Schulz, P.Ag.  
Environmental Scientist  
eschulz@umagroup.com

EMS:mv

cc: Scott Hamilton, DCC

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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**

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

Phone: 613-998-4583  
Fax: 613-998-1061  
e-mail: HAMILTSC@dcc-cdc.gc.ca

as administered by:  
Eva Schulz, P.Ag., Environmental Scientist  
UMA Engineering Ltd.  
2540 Kensington Road NW  
Calgary, Alberta T2N 3S3

Phone: 403-270-9200  
Fax: 403-270-0399  
e-mail: eschulz@umagroup.com

**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)

Latitude: 68° 27'N Longitude: 89° 45'W NTS Map No. 57A7 Scale: 1:50,000

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

The amendment includes the construction of a landfarm for the remediation of hydrocarbon-impacted soils. Please reference the drawings included in the letter forwarded to the Nunavut Water Board on January 29, 2003.

**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): Please reference the Jan. 29, 2003 letter

**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 type="checkbox"/> Other (describe): _____
<input type="checkbox"/> To cross a watercourse	

N/A

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

N/A

**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 type="checkbox"/> Other (describe): _____

N/A

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

**Land Use Permit**

DIAND	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If no, date expected	_____
Regional Inuit Association	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If no, date expected	N/A
Commissioner	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If no, date expected	N/A

**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?

N/A

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)

Kudlik Construction Ltd.  
P.O. Box 727  
Iqaluit, NU X0A 0H0

Kudlik is the prime contractor on the project.

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

These documents were provided with the original application.

**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: N/A

Inuktitut/English Summary of Project ☐ Yes ☒ No If no, date expected: N/A

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

**15. PROPOSED TIME SCHEDULE**

☐ Annual (or) ☒ Multi Year

Start Date: June 1, 2003

Completion Date: October 30, 2004

Eva Schulz  
Name (Print)

Environmental Scientist  
Title (Print)

  
Signature

Feb. 14, 2003  
Date

For Nunavut Water Board use only

APPLICATION FEE

Amount: \$ \_\_\_\_\_ Receipt No.: \_\_\_\_\_

WATER USE DEPOSIT

Amount: \$ \_\_\_\_\_ Receipt No.: \_\_\_\_\_