



Effective June 16, 2006

P.O. Box 119  
GJOA HAVEN, NU X0B 1J0  
TEL: (867) 360-6338  
FAX: (867) 360-6369

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><b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b></p> <p>Dr. Helen R. Smyth, CASP, University of Cambridge, West Building, 181a Huntingdon Road, Cambridge, CB30DH</p> <p>Phone: +44 1223 760700 Fax: +44 1223 760701 E-mail: helen.smyth@cas.cam.ac.uk</p>	<p><b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b></p> <p>Phone: Fax: E-mail:</p>		
<p><b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking)</p> <p><b>Two temporary camps are proposed on the Raanes Peninsula, Ellesmere Island. A. Blind Fiord Camp (78°10'N, 85°30'W) and B. Troid Fiord (78°40' N, 84°30'W). See attached maps.</b></p> <p>Latitude: (   °   '   " N)      Longitude: (   °   '   " W) NTS Map Sheet No. <u>049F</u> Scale: <u>1:250,000</u></p>			
<p><b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings)</p> <p>Geological fieldwork (sampling, mapping and measuring rock sections)</p>			
<p><b>5. TYPE OF PRIMARY UNDERTAKING</b> (A supplementary questionnaire <u>must</u> 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"/> <b>Industrial</b>  <input type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling)  <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges)  <input type="checkbox"/> Power </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Agricultural  <input type="checkbox"/> <b>Conservation</b>  <input type="checkbox"/> Recreational  <input checked="" type="checkbox"/> <b>Miscellaneous</b> (describe below):  <p style="text-align: center;">Geological Research</p> </td> </tr> </table> <p>See Schedule II of <i>Northwest Territories Waters Regulations</i> for Description of Undertakings</p>		<input type="checkbox"/> <b>Industrial</b> <input type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling) <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> <b>Conservation</b> <input type="checkbox"/> Recreational <input checked="" type="checkbox"/> <b>Miscellaneous</b> (describe below): <p style="text-align: center;">Geological Research</p>
<input type="checkbox"/> <b>Industrial</b> <input type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling) <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> <b>Conservation</b> <input type="checkbox"/> Recreational <input checked="" type="checkbox"/> <b>Miscellaneous</b> (describe below): <p style="text-align: center;">Geological Research</p>		

## 6. WATER USE

- ☐ To obtain water
 ☐ Flood control  
☐ To cross a watercourse
 ☐ To divert a watercourse  
☐ To modify the bed or bank of a watercourse
 ☐ To alter the flow of, or store, water  
☒ Other (describe): To use water from streams near to camp for cooking and drinking.

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

**Water use** ☒ 100m<sup>3</sup>/day or less  
☐ Greater than 100m<sup>3</sup>/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

**Water returned to source**  
m<sup>3</sup>/day

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 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): |

**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 \_\_\_\_\_

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.)

**No environmental impact. This project was screened and approved by NIRB (15<sup>th</sup> March, 2007 NIRB File No. 07YN003). The project has a current NRI license which covers Ellesmere Island in its entirety (3BC-PRO 0914)**

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?  
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?

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

None

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

Same as original application made March 2009

**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 \_\_\_\_\_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 \_\_\_\_\_**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 YearStart Date: June 1, 2009 Completion Date: November 1, 2014Helen R. Smyth  
Name (Print)Dr  
Title (Print)  
SignatureNovember 26, 2009  
Date**For Nunavut Water Board office use only****APPLICATION FEE** Amount: \$ \_\_\_\_\_ Pay ID No.: \_\_\_\_\_**WATER USE DEPOSIT** Amount: \$ \_\_\_\_\_ Pay ID No.: \_\_\_\_\_