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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>Max Friesen Department of Anthropology University of Toronto 19 Russell St. Toronto, ON M5S2S2 Phone: 416-978-4505 _____ Fax: 416-978-3217 _____ e-mail: max.friesen@utoronto.ca _____</p>	<p>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</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>Camping and archaeological research at Iqaluktuuq, approximately 50 km. northwest of Cambridge Bay.</p> <p>Camp 1: Latitude: (69 ° 24.400) Longitude: (106 ° 18.200' W) Camp 2: Latitude: (69 ° 24.100) Longitude: (106 ° 14.800' W)</p> <p>NTS Map Sheet No. 77D Scale: 1:250,000</p>			
<p>4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)</p> <p>We will be performing surveys of local archaeological sites to map them, followed by limited excavation of several sites (roughly 30 square metres, to an average depth of 20 centimetres). Six to seven people will camp in tents during the project, which will last approximately 4 weeks or less. During that time we will move camp once, by helicopter. Also, for one day approximately eight elders from Cambridge Bay will come to the camp for recording of traditional knowledge by the Kitikmeot Heritage Society.</p>			
<p>5. TYPE OF PRIMARY UNDERTAKING (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"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input checked="" type="checkbox"/> Miscellaneous (describe below): _____ Archaeological research _____ </td> </tr> </table> <p>See Schedule II of <i>Northwest Territories Waters Regulations</i> for Description of Undertakings</p>		<input type="checkbox"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input checked="" type="checkbox"/> Miscellaneous (describe below): _____ Archaeological research _____
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6. WATER USE

- ☒ To obtain water (please note – this will involve water for drinking and cooking) ☐ 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): _____

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

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

- ☒ Sewage (we will dig an outhouse pit away from water bodies, which will be backfilled at end of period)
☐ Waste oil
☒ Solid Waste (all garbage will be returned to Cambridge Bay for disposal in the landfill)
☒ Greywater (will be disposed of in a pit away from water bodies)
☐ Hazardous ☐ Sludges
☐ Bulky Items/Scrap Metal ☐ Other describe): _____

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

None

Land Use Permit

DIAND ☐ Yes ☐ No If no, date expected _____
 Regional Inuit Association ☐ Yes ☒ No If no, date expected __May, 2010_____
 Commissioner ☐ Yes ☐ No If no, date expected _____

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

We make every effort to operate a low impact camp. We remove all garbage and tents do not leave lasting marks. All archaeological excavations are backfilled at end of season, and become revegetated within 3-4 years .

NIRB Screening ☐ Yes ☒ No If no, date expected - I believe I may be exempt, but if required I will arrange for it by May of 2010

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)**13. STUDIES UNDERTAKEN TO DATE** (list and attach copies of studies, reports, research, etc.)**14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN**Supplementary Questionnaire (where applicable: see section 5) X Yes ☐ No If no, date expected _____Inuktitut and/or Innuinaqtun/English Summary of Project X Yes ☐ No If no, date expected _____Application fee of \$30.00 (Payee Receiver General for Canada) X 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)X 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)X one year or less (or) ☐ Multi Year

Start Date: June 25, 2010 Completion Date: August 1, 2010

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.: _____

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Start Date: June 25, 2010 Completion Date: August 1, 2010

<u>Max Friesen</u> Name (Print)	<u>Project Director</u> Title (Print)	<u>Z. Man Li</u> Signature	<u>Feb. 24, 2010</u> Date
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