



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

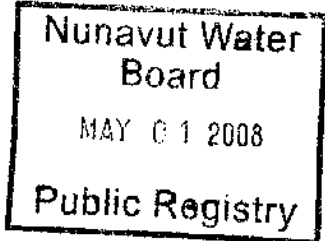
kNK5 wmoEp5 vtmpq
 NUNAVUT IMALIRIYIN KATIMAYINGI
 NUNAVUT WATER BOARD
 OFFICE DES EAUX DU NUNAVUT

WATER LICENCE APPLICATION FORM

Application for: (check one)

- New**
 Renewal
 Amendment
 Assignment
 Cancellation

LICENCE NO: (for NWB use only) <u>38C-m10----</u>	
1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE Robert W. Park Department of Anthropology University of Waterloo 200 University Ave. W Waterloo, ON N2L 3G1 Phone: (519) 888-4567 extension 35016 Fax: (519) 747-9149 e-mail: rwpark@uwaterloo.ca	2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable) Not applicable Phone: _____ Fax: _____ e-mail: _____
3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking) Two campsite areas will be used. The first is on the northwest shore of Mingo Lake at the base of the Mingo Lake esker, roughly 30 m away from the shoreline of Mingo Lake in proximity to archaeological site LdFa-1. The second camp will be set up along the shoreline of the Mingo River where it meets the southwest shore of Amadjuak Lake, adjacent to archaeological site LeDx-42. LdFa-1: Latitude: (64°39'27" N) Longitude: (72°17'54" W) NTS Map Sheet No. <u>026D Amadjuak Lake</u> Scale: <u>1:250,000</u> LeDx-42: Latitude: (64°41'41" N) Longitude: (71°51'55" W) NTS Map Sheet No. <u>36A Mingo Lake</u> Scale: <u>1:250,000</u>	
4. DESCRIPTION OF UNDERTAKING (attach plans and drawings) This project will consist of mapping and excavation at two archaeological sites located near Mingo Lake, Baffin Island. The two sites are LeDx-42 and LdFa-1 (see accompanying maps). The sites were first identified in the 1980s by Douglas Stenton. In 2004 and 2007 some excavation was undertaken at the sites by Brooke Milne. The mapping and excavation that we plan to carry out in 2008 is important for expanding our present understanding of how the interior region of southern Baffin Island was used over time by all peoples who lived on the land, because archaeologists have tended to focus on sites located in coastal areas. At present there is little information available to examine how the earliest populations some 4000 years ago used the interior as part of their seasonal round. Only seven early sites are presently known in the interior of the island and of these only two have been intensively excavated. This project will only be carried out with all the necessary permits and permissions, including a Government of Nunavut Class 2 Archaeology permit. All subsurface site testing and excavation will follow standard archaeological procedures for sites in Nunavut. Each site will be mapped using a total station and photographed prior to excavation. Test units	



ranging in size from 50 cm² to 2 m² will be established. A small number of larger excavation areas (up to a maximum of 5 x 5 m) may also be opened. All soil removed from these units will be screened to ensure that all cultural materials are collected. Upon completion of all subsurface activities, the units will be backfilled and the surface vegetation replaced so as to return the feature to its original state prior to investigation. The duration of this entire field project will be no more than 2½ weeks.

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): |

Archaeological excavation and mapping. See supplementary questionnaire.

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 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
 _____ m³/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 checked="" type="checkbox"/> Greywater |
| <input type="checkbox"/> Hazardous | <input type="checkbox"/> Sludges |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input type="checkbox"/> Other describe): |

See supplementary questionnaire for details

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 Application has been submitted for an Exemption Certificate, which is expected by July.

Commissioner Yes No If no, date expected _____

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

Environmental impacts are expected to be minimal to non-existent. All structures, garbage, and other items brought in for use during this project will be removed upon completion of the proposed work. In accordance with standard archaeological procedures in the North, all excavated sites and test areas will be back-filled and re-sodded once excavations are complete in order to return the surface of the site as close to its original condition as possible. This includes replacing the soil, grading the area back to its natural contours, and replacing any surface vegetation.

NIRB Screening Yes No If no, date expected N/A

I have been informed by the Culture and Heritage Division of the GN that archaeology/palaeontology projects that are 'non-development' in nature, such as this one, have been granted exemption from NIRB screening. The GN screening process for my archaeology permit application should be complete by July 1, 2008.

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.)

None that are completed

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 Year

Start Date: July 18, 2008 Completion Date: August 31, 2009

Robert W Park
Name (Print)

Title (Print)

Robert W Park
Signature

April 17, 2008
Date

For Nunavut Water Board office use only

APPLICATION FEE Amount: \$_____ Pay ID No.: _____

WATER USE DEPOSIT Amount: \$_____ Pay ID No.: _____