



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada

APPLICATION FOR LAND USE PERMIT

FOR OFFICE USE ONLY - RÉSERVÉ AU BUREAU

| | | | | | |
|-----------------|--------------|---------------------|------|-------|------------|
| Application fee | Land use fee | General receipt no. | Date | Class | Permit no. |
|-----------------|--------------|---------------------|------|-------|------------|

To be completed by all applicants

☒ New application

☐ Amendment

| | | | |
|--|-----------------|--|---------------------------------|
| 1. Applicant's name and mailing address (Full name, no initials) Anne Hamilton 302-585 River Ave. Winnipeg, MB R3L 2S9 | | | Fax no. (204) 474-7600 |
| | | | Telephone no. (204) 880-4799 |
| 2. Head office address Department of Anthropology 435 Fletcher Argue Building University of Manitoba Winnipeg, MB R3T 5V5 | | | Fax no. |
| | | | Telephone no. |
| Field supervisor Anne Hamilton | Radio telephone | E-Mail address anne_hamilton@umanitoba.ca | Telephone no. |

3. Other personnel (subcontractor, contractors, company staff, etc.)

There will be no subcontractors or contractors used. The project is under the direction of the applicant, and the other personnel will consist of up to three students from the south, and one student from Nunavut.

TOTAL : 5

4. Qualifications

Refer to Section 21 of the *Territorial Land Use Regulations*

a(i) ☐ a(ii) ☐ a(iii) ☐ b ☒ c ☐

No(s) exploration permit mineral claims (if applicable)

5. a) Summary of operation (Describe purpose, nature and location of all activities.)

Refer to Section 22(2)(b) of the *Territorial Land Use Regulations* (Use last page of form if necessary.)

See last page of application

b) Please indicate if a camp is to be set up (Use last page to provide details.)

Yes, see last page for details.

6. Summary of potential environmental and resource impacts

(Describe the effects of the proposed program on land, water, flora and fauna and related socio-economic areas.)
(Use separate pages if necessary.)

The impact to the local environment, wildlife, and resources will be minimal to non-existent given the nature and small scale of this project. We will not be hunting while on the land for the duration of the project. Biodegradable soaps will be used in restricted quantities and all efforts will be made to set up camp well away from archaeological/historical sites to prevent any chance of unintended disturbance.



7. Proposed restoration plans (Please use last page if required.)

No environmental impact is anticipated. All structures, garbage, and other items brought into 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 backfilled 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.

8. Other rights, licences or permits related to this permit application (mineral claims, Yukon timber permits, water licences, etc.)

-Nunavut Archaeology Permit, applied for

Roads

☐ Is this to be a pioneered road?
Provide details on back page

☐ Has the route been laid out or ground truthed?

9. Proposed disposal methods

a) Garbage: burned and/or transported out of the field with crew.

b) Sewage (Sanitary & Grey Water): buried.

c) Brush & trees: n/a

d) Overburden (Organic soils, waste material, etc.): All organic soils will be backfilled to their original location upon completion of the project.

10. Equipment (Includes drills, pumps, etc.) (Please use last page if necessary.)

| Type and no. | Size | Proposed use |
|--------------|-------|---|
| generator | small | recharging computer and satellite phone |
| | | |
| | | |
| | | |
| | | |
| | | |

| 11. Fuels | Number of containers | Capacity of containers |
|---------------|----------------------|------------------------|
| Diesel | | |
| Gasoline | 4 | 5 gallon |
| Aviation Fuel | | |
| Propane | | |
| Other Naphtha | 15-20 | 1 gallon |

12. Containment fuel spill contingency plans (Please attach separate contingency plan if necessary.)

All fuel will be stored away from bodies of water. Likewise, transfer activities will be undertaken away from lakeshores, creeks, or rivers. The kind of fuel being used evaporates very quickly and should not pose an immediate threat to the surrounding area in the unlikely event of a spill or leak.

13. Methods of fuel transfer (To other tanks, vehicles, etc.)

Naphtha will be transferred to stove fuel containers via an appropriate funnel. The same transfer method will be used to transfer gasoline to the generator. Because of the small quantities of fuel being used and the restricted nature of transfer activities, the potential for a large scale spill is precluded.



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|---|-----|---------|------------|------------------------------|-----------------|------------------------------|-----|
| 14. Period of operation (Includes time to cover all phases of project work applied for, including restoration.) July 31, 2009 to August 26, 2009 | | | | | | | |
| 15. Period of permit (Up to two years, with maximum of one year extension.) | | | Start date | YYYY / MM / DD 2009/07/31 | Completion date | YYYY / MM / DD 2009/08/26 | |
| 16. Location of activities by map co-ordinates (Attached maps and sketches.) | | | | | | | |
| Minimum Latitude | | | | Minimum Longitude | | | |
| Degrees | 63° | Minutes | 45' | Seconds | 70" N | Degrees | 68° |
| | | Minutes | 41' | Seconds | | 0" W | |
| Maximum Latitude | | | | Maximum Longitude | | | |
| Degrees | 63° | Minutes | 45' | Seconds | 80" N | Degrees | 68° |
| | | Minutes | 41' | Seconds | | 20" W | |

Map sheet no. 025N

| | | | | |
|---------------------------------|---------------|-----------|------|--------------|
| 17. Applicant (Print full name) | Anne Hamilton | Signature | Date | June 1, 2009 |
|---------------------------------|---------------|-----------|------|--------------|

| | | | |
|----------------|---|---|---------------|
| 18. Fees | <input type="checkbox"/> Class A - \$150 | <input checked="" type="checkbox"/> Class B - \$150 | \$ 150.00 |
| Land Use Fees: | Less than or equal to 2 hectares | \$50.00 | \$ 50.00 |
| | For each additional hectare over 2 hectares or portion of a hectare | X \$50.00 = | \$ |
| | Total application and land use fees | | \$ 200 |

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|---|----------------------------------|-----------------------------|
| 19. Calculation of area involved (Includes access, staging areas, airstrips, campsites, etc.) | | |
| Total area (Ha) | Less than or equal to 2 hectares | TOTAL (For fee calculation) |

| | |
|--|---|
| 20. Application checklist | |
| a) <input type="checkbox"/> Application signed and dated | e) <input type="checkbox"/> Screening report |
| b) <input type="checkbox"/> Fees attached | f) <input type="checkbox"/> Timber permit applied for - Yukon |
| c) <input type="checkbox"/> Map included | g) <input type="checkbox"/> Fees attached |
| d) <input type="checkbox"/> Address and telephone number | h) <input type="checkbox"/> Lease applied for |

| | |
|---|------|
| Accepted by | Date |
| Remarks (Please use last page if additional space is required.) | |



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21. Additional information (Attach additional pages if necessary.)

5a) SUMMARY OF OPERATION

This project will consist of an archaeological excavation at the Tungatsivvik site (KkDo-3), located on the eastern shore of Peterhead Inlet, near the head of Frobisher Bay, and a pedestrian survey in the areas surrounding the site. The excavation and survey I plan to carry out in 2009 is important for explaining our present understanding of how the coastal region of southern Baffin Island was used over time by all peoples who lived on the land.

This project will only be carried out with all of 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. Areas chosen for excavation will be selected based on the presence of surface artifacts and/or their location within the perimeter of a tent ring structure or proximity to an archaeological feature. Each test area will be photographed before and after the excavation. The size of the test units will range from 25 × 25 cm to 50 × 50 cm, and 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 excavation.

All survey will follow a systematic approach where a selected area (e.g. the lake shore) will be walked at set intervals with each crewmember spread out approximately two to five meters from one another. Items of interest (e.g. artifacts, tent ring structures, nodules of chert) will be described and recorded using GPS, sketch maps, and photographs.

5B) CAMP SITE

The proposed project is scheduled to start on or soon after July 31, 2009. All crewmembers will depart from Iqaluit and stay in the field until August 26, 2009, travelling to the Tungatsivvik site by boat. Approximately four weeks will be spent at the site conducting excavations and survey. The crew will then return to Iqaluit.