



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

ᓄᓇᓂᓪ ᐃᓕᓕᓂᓪ ᓅᓂᓂᓪᓴᓪ
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Nicolas Lecomte **Licence No:** SCI-NUN-14-04
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: _____ Tel: _____ Fax: _____ E-mail: _____
2. Project Manager: Nicolas Lecomte Tel: 506-858-4291 Fax: 506-858-4541 E-mail: nicolas.lecomte@umoncton.ca
3. Does the applicant hold the necessary property rights? We are applying for the proper exemption.
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization. NO
5. Duration of the Project
☐ One year or less Start and completion dates: May 20th to July 31 st + 1 week in
☒ Multi Year: mid-August (summers 2014, 2015, 2016)

If Multi-Year indicate proposed schedule of on site activities
Start: May 20th 2015 Completion: August 20th 2015

CAMP CLASSIFICATION

6. Type of Camp
☐ Mobile (self-propelled)
☒ Temporary
☐ Seasonally Occupied: _____
☐ Permanent
☐ Other: _____
7. What is the design, maximum and expected average population of the camp?
Main camp : Maximum of 10 person. 4 wall tents (1 Longhouse: 12' X 14' / 2 Mount Logan: 8' X 10' / 1 circular wall tent: diameter of 10').
8. Provide history of the site if it has been used in the past.
Main camp location is very close from the Igloolik community, so local people do pass by the area to reach hunting areas near Igloolik point and Qikiqtarjuq, and they sometimes collect birds eggs in the study area. We used this camp location last year, and our activities did not interfere with the traditionnal activities of Iglulingmiut.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
Main camp will be set up at the northeast of Igloolik Island (near Qikiqtarjuq).
N69.3988 W81.5413.
10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs.
Camp location is based on known breeding sites of shorebirds in the Igloolik area.
11. Is the camp or any aspect of the project located on:
- | | | |
|-------------------------------------|---------------------|---|
| ☐ | Crown Lands | Permit Number (s)/Expiry Date: _____ |
| ☒ | Commissioners Lands | Permit Number (s)/Expiry Date: <u>Pending</u> |
| ☐ | Inuit Owned Lands | Permit Number (s)/Expiry Date: _____ |
12. Closest Communities (direction and distance in km):
Closest community to the main camp is Igloolik (11 km SW as the crow flies, or 20 km on the ATV trail).
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
The Igloolik HTO as received the project description through the GN Wildlife Research permitting process.
14. Will the project have impacts on traditional water use areas used by the nearby communities?
Will the project have impacts on local fish and wildlife habitats?
No, there will be no impact on traditional water use areas, nor on local fish and wildlife habitats.

PURPOSE OF THE CAMP

15. ☐ Mining (includes exploration drilling)
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)
(Omit questions # 16 to 21)
☒ Other wildlife research
16. Activities (check all applicable)
- | | | |
|--------------------------|------------------------|----------------|
| ☐ | Preliminary site visit | |
| ☐ | Prospecting | Not applicable |
| ☐ | Geological mapping | |
| ☐ | Geophysical survey | |
| ☐ | Diamond drilling | |

- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ☐ Other: _____

17. Type of deposit (exploration focus):

- ☐ Lead Zinc
- ☐ Diamond Not applicable
- ☐ Gold
- ☐ Uranium
- ☐ Other: _____

DRILLING INFORMATION

18. Drilling Activities

- ☐ Land Based drilling Not applicable
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

Not applicable

20. Describe what will be done with drill water?

Not applicable

21. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable.

Not applicable

22. Will any core testing be done on site? Describe.

Not applicable - no core testing will be done on site.

SPILL CONTINGENCY PLANNING

23. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002*. Please include for review.

The spill contingency plans is attached to the application.

24. How many spill kits will be on site and where will they be located?

2 spill kits located in the main tent at camp site.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

Max of 2 Jerry cans (40L) of white gas will be stored at camp site. Max of 2 small propane tank (20L) will be stored at the camp site, and a back-up 20L tank will be stored at the GN garage.

Max of 3 Jerry cans (60L) of gasoline will be stored at camp site.

Those Jerry cans will be refueled from our fuel drum stored at the GN garage every week or 2 weeks.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Iqalulikuluk (Little Fish Lake) on Igloolik Island. Less than 60 L per day will be used (carried in a waterproof barrel from Iqalulikuluk to the camp site).

27. Estimated water use (in cubic metres/day):

☒ Domestic Use: Less than 60L/day Water Source: Iqalulikuluk
☐ Drilling: NA Water Source: NA
☐ Other: NA Water Source: NA

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see *DFO 1995, Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe:

Mesh-filter hose and gravity feed to water containers(60 L in size). Additional water may be collected in 1L water bottles for cooking or drinking.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

No

30. Will drinking water be treated? How?

Water will be filtered in a free standing gravity filter with 3 ceramic/carbon filters (Katadyn) that will be located in the main tent at camp site.

31. Will water be stored on site?

Yes. In or next to the kitchen tent.

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:

☒ Camp Sewage (blackwater)

Kept in waterproof barrels and disposed at the end of the field season.

☒ Camp Greywater

Grey water will be poured in a shallow pit. located at least 35 m away from the ordinary high water mark of any body of water. The pit will be filled in at the end of every field season.

☒ Solid Waste

Inflammable: will be burned every 2 days at camp site in an empty fuel drum. Non-inflammable: will be cleaned and stored in bear proof containers until disposal at the Igloolik dump.

☐ Bulky Items/Scrap Metal

NA

☐ Waste Oil/Hazardous Waste

NA

☒ Empty Barrels/Fuel Drums

The only empty barrel will be the one used for burning inflammable waste. Will be returned to the GN garage at the end of the field season.

☒ Other: Ashes remaining after having burned the inflammable waste will be disposed at the Igloolik dump.

33. Please describe incineration system if used on site. What types of wastes will be incinerated?

We will burn inflammable garbage, like toilet paper. They will be burned every 2 days at camp site in an empty fuel drum.

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?

The non-inflammable garbage we be cleaned and stored in bear proof containers until disposal at the Igloolik dump (every week).

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).

NA

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency? NO.

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?
Yes. We have applied those procedures since 2013 at the same site and no problems have been encountered. Such procedures are also very similar to those used by researchers on Bylot Island since at least 10 years.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site. Camp site will be returned to original state at the end of each summer field season. All equipment will be packed up and all trenches/pits will be back-filled and the ground is to be tamped down. Team members will return all garbage to the Igloolik dump. There will be very little disturbance at our camp site.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

- ☐ Physical Environment (Landscape and Terrain, Air, Water, etc.)
- ☒ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
- ☐ Socio-Economic Environment (Archaeology, Land and Resources Use, Demographics, Social and Culture Patterns, etc.)
- ☐ Other: _____

REGULATORY INFORMATION

40. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:
- ✓ ARTICLE 13 – *NCLA -Nunavut Land Claims Agreement*
 - ✓ NWNSRTA – *The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002*
 - ✓ *Northwest Territories Waters Regulations, 1993*
 - ✓ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
 - ✓ NWB - Interim Rules of Practice and Procedure for Public Hearings
 - ✓ RWED – *Environmental Protection Act, R-068-93- Spill Contingency Planning and Reporting Regulations, 1993*
 - ✓ RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
 - ✓ NWTWB - Guidelines for Contingency Planning
 - ✓ *Canadian Environmental Protection Act, 1999 (CEPA)*
 - ✓ *Fisheries Act, RS 1985 - s.34, 35, 36 and 37*
 - ✓ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
 - ✓ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT

- ✓ Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987
- ✓ Public Health Act - Camp Sanitation Regulations
- ✓ Public Health Act - Water Supply Regulations
- ✓ *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2000