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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: LINDA CHRISTINE KAH Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: N/A Tel: _____ Fax: _____ Email: _____
2. Project Manager: LINDA KAH Tel: 865-974-6399 Fax: 865-974-2368 Email: LKAH@UTK.EDU
3. Does the applicant hold the necessary property rights?
APPLICATIONS UNDERWAY
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)?
If so, please provide letter of authorization.
5. Duration of the Project
☒ Annual
☐ Multi Year:
 If Multi-Year indicate proposed schedule of on site activities
 Start: _____ Completion: _____

CAMP CLASSIFICATION

6. Type of Camp
☒ Mobile (self-propelled)
☒ Temporary
☐ Seasonally Occupied: _____
☐ Permanent
☐ Other: _____
7. What are the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?
 4 PEOPLE (1 PROFESSOR, 1 GRAD STUDENT
 1 UNDERGRAD STUDENT, 1 ASST) 2 sleeping tents
 1 work tent
 NO-IMPACT. PACK-IN/PACK-OUT CAMPING
8. Provide history of the site if it has been used in the past.
 N/A.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.

4 LOCATIONS (1) N edge, September Lake → approx
 (2) N edge, Dismal Lake → approx
 (3) N edge, Belbensee Lake → approx
 (4) N edge, Parry Bay (near Naoyak Lake)

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.

CAMPS CHOSEN BY PROXIMITY TO GEOLOGICAL OUTCROPS OF INTEREST.

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: _____
☒ Inuit Owned Lands Permit Number (s)/Expiry Date: _____

* APPLICATIONS TO KITIKMEET INUIT ASSOCIATION UNDERWAY

12. Closest Communities (distance in km):

KUGLUKTUK (COPPERMINE) ~ 400 km

BATHURST INLET ~ 175 km

UMINGMAKTOK ~ 80 km

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?

AM IN PROCESS OF NOTIFYING LOCAL HTOs

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.

PURPOSE OF THE CAMP

15. ☒ Mining
☒ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)
 (Omit questions # 16 to 21)
☒ Other ACADEMIC GEOLOGIC RESEARCH (Omit questions # 16 to 22)
 (NON-ECONOMIC)
16. ☒ Preliminary site visit
☒ Prospecting

- ☐ Geological mapping
☐ Geophysical survey
☐ Diamond drilling
☐ Reverse circulation drilling
☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
☐ Other: _____
- N/A

17. Type of deposit:

- ☐ Lead Zinc
☐ Diamond
☐ Gold
☐ Uranium
☐ Other: _____
- N/A

DRILLING INFORMATION

18. Drilling Activities

- ☐ Land Based drilling
☐ Drilling on ice
- N/A

19. Describe what will be done with drill cuttings?

N/A

20. Describe what will be done with drill water?

N/A

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.

N/A

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

N/A

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review. N/A

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

N/A

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

ONLY FUEL WILL BE 2 GALLONS (8 LITRES) OF
WHITE GAS FOR COOKING PURPOSES. IF SPILL OCCURS,
CONTAMINATED GROUND WILL BE ISOLATED + REMOVED.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

LOCAL LAKES + STREAMS

27. Estimated demand (in L/day * person): - 4 people → 20 L/day total

ca Domestic Use: 5 L/day/person Water Source: local lakes + streams
ca Drilling Units: N/A Water Source:
ca Other: N/A Water Source:

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:

HAND PUMPED W/ STANDARD BACKPACKING FILTER

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

→ FILTERED W/ STANDARD
BACKPACKING FILTER

30. Will drinking water be treated? How?

NO. (SEE ABOVE)

31. Will water be stored on site?

2 x 10 L EXPANDABLE JUG. (FOR EASE OF TRANSFER)

WASTE TREATMENT AND DISPOSAL

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

☐ Camp Sewage (blackwater)

BURIAL - AT LEAST 100 METERS FROM WATER SOURCES.

☐ Camp Greywater

BURIAL

☐ Solid Waste (GARBAGE)

HAND COMPACTED + PACKED OUT OR BURNED

☐ Bulky Items/Scrap Metal

N/A

☐ Waste Oil/Hazardous Waste

N/A

☐ Empty Barrels/Fuel Drums

N/A

☐ Other:

N/A

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

UNLIKELY ... COMBUSTABLE GARBAGE MIGHT BE BURNED (PAPER WRAPPINGS),
NON-COMBUSTABLES WILL BE COMPACTED AND SHIPPED OUT.

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

YELLOWKNIFE.

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

N/A.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed and at what frequency?

N/A.

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?

N/A.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.

NO-IMPACT CAMPING ... PACK IN/ PACK OUT
WILL SCATTER ROCKS USED FOR TENT STABILIZATION

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.)
- N/A ☒ Socio-Economic Environment (Archaeology, Land and Resources Use)
- ☒ Demographics, Social and Culture Patterns, etc.)
- ☒ Other:

REGULATORY INFORMATION

40. Do you have a copy of

- ☒ Article 13 - Nunavut Land Claims Agreement
- ☒ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide

for Applicants

- ☞ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ☞ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ☞ NWTWB - Guidelines for Contingency Planning
- ☞ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ☞ Fisheries Act - s.35
- ☞ RWED - Environment Protection- Spill Contingency Regulations
- ☞ Canadian Drinking Water Quality Guidelines
- ☞ Public Health Act Camp Sanitation Regulations
- ☞ Public Health Act Water Supply Regulations
- ☞ Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.