

# EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: \_\_\_\_\_ Licence No: \_\_\_\_\_

(For NWB Use Only)

## ADMINISTRATIVE INFORMATION

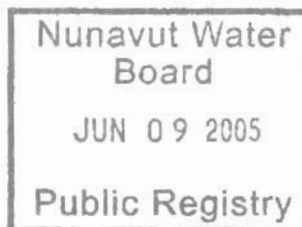
1. Environment Manager: Ross McElroy Tel: (604) 687-6644 Fax: (604) 687-1448
2. Project Manager: Ross McElroy Tel: (604) 687-6644 Fax: (604) 687-1448
3. Does the applicant hold the necessary property rights? **Yes**
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)?  
If so, please provide letter of authorization. **No**
5. Duration of the Project
  - ☐ Annual
  - ☒ Multi Year:

If Multi-Year, indicate proposed schedule of on site activities  
Start: **August 2005** Completion: **August 2007**

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EXT.	

## CAMP CLASSIFICATION

6. Type of Camp
  - ☐ Mobile (self-propelled)
  - ☒ Temporary
  - ☐ Seasonally Occupied: \_\_\_\_\_
  - ☐ Permanent
  - ☐ Other: \_\_\_\_\_



**\*Note – there will be a camp located approximately 100km SW of Kugluktuk.**

7. What is the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?  
**The Kirwan Lake camp will be located on the west side of Kirwan Lake, within the Mountain Lake claims area. The Kirwan Lake camp will consist of 19 people with a maximum of 24 during peak times.**
8. Provide history of the site if it has been used in the past.

**Not applicable.**

## CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.  
**The camp will be located approximately 100 km SW of the community of Kugluktuk on the West side of Kirwan 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.  
**The location of the camp was selected based on the proximity to the claims, the deep water in Kirwan Lake and the closeness of the community of Kugluktuk for staging and supplying.**
11. Is the camp or any aspect of the project located on:
- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Crown Lands | Permit Number (s)/Expiry Date: <b>Application submitted.</b> |
| <input type="checkbox"/> Commissioners Lands    | Permit Number (s)/Expiry Date:                               |
| <input type="checkbox"/> Inuit Owned Lands      | Permit Number (s)/Expiry Date:                               |
12. Closest Communities (distance in km):  
**The closest community to the camp is Kugluktuk. The camp will be located approximately 100 km SW of Kugluktuk.**
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?  
**A meeting was held in Kugluktuk in early May with the KIA and the HTO. Follow up information has been provided.**
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 (Exploration)  
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)  
(Omit questions # 16 to 21)  
☐ Other \_\_\_\_\_ (Omit questions # 16 to 22)
16. ☐ Preliminary site visit

- ☒ Prospecting
- ☒ Geological mapping
- ☒ Geophysical survey
- ☐ Diamond drilling
- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ☐ Other: \_\_\_\_\_

17. Type of deposit:

- ☐ Lead Zinc
- ☐ Diamond
- ☐ Gold
- ☒ Uranium
- ☐ Other: \_\_\_\_\_

## DRILLING INFORMATION

18. Drilling Activities

- ☐ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

**This water licence application is for the construction of a remote camp and for water use associated with the camp. A separate application will be made for a drill program planned for 2006.**

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.

**Old core will be examined.**

## SPILL CONTINGENCY PLANNING

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

**Please see attached Spill Contingency Plan.**

24. How many spill kits will be on site and where will they be located?  
**A spill kit will be located at the camp, as well an empty fuel drum and absorbent pads will be located at each fuel cache.**
25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.  
**Please refer to the attached Spill Contingency Plan for Exploration Properties**

## **WATER SUPPLY AND TREATMENT**

26. Describe the location of water sources.  
**The camp will be located on the West shore of Kirwan Lake. The water source for the camp will be Kirwan Lake.**
27. Estimated demand: (based on max 24 people)  
☒ Domestic Use: **5 cubic metres/day** Water Source: **Kirwan Lake**  
☐ Drilling Units: Water Source:  
☐ Other: \_\_\_\_\_ Water Source: \_\_\_\_\_
28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:  
**Submersible pump with filtered intake.**
29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?  
**A water sample will be taken from Kirwan Lake where potable water is to be collected. Tests will be conducted with a field test kit and will be standard water examinations for various types of coliform bacteria.**
30. Will drinking water be treated? How?  
**Water will be boiled.**
31. Will water be stored on site?  
**Water will be collected as needed and stored in a tank at the camp.**

## **WASTE TREATMENT AND DISPOSAL**

32. Describe the characteristics, quantities, treatment and disposal methods for:  
**Please see attached environmental procedures plan**
- ☒ Camp Sewage (blackwater) **0.02 cubic metres/day**  
**- latrine sump**
  - ☒ Camp Greywater **3 cubic metres/day**

- sump
  - ✓ Solid Waste **minimal**
  - **incineration or removed from site**
  - ✓ Bulky Items/Scrap Metal **if any it will be minimal**
  - **removed from site**
  - ✓ Waste Oil/Hazardous Waste **minimal**
  - **removed from site**
  - ✓ Empty Barrels/Fuel Drums
  - **removed on a regular basis**
  - ☐ Other:
33. Please describe incineration system if used on site. What types of wastes will be incinerated?  
**Modified 45 gallon drum. Food wastes and other combustibles will be incinerated.**
34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?  
**All inert waste will be shipped off site. No waste will be deposited in the Kugluktuk landfill without authorization and approvals. This will be a part of the on-going communications with the community of Kugluktuk.**
35. Describe location (relative to water bodies and camp facilities ) dimensions and volume, and freeboard for sumps (if applicable).  
**All sumps will be located at least 31 metres from the normal high water mark of any water body including streams. More information will be provided once the camp location has been finalized. This will be done once the snow is gone and the selected location can be ground verified.**
36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?  
**Visual inspections of all sumps will be conducted daily.**

## **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?  
**The treatment and disposal methods being proposed are currently in practice across the north and follow the regulated guidelines and accepted methods.**

## **ABANDONMENT AND RESTORATION**

38. Provide a detailed description of progressive and final abandonment and restoration

activities at the site.

**Please see attached “Abandonment & Restoration Plan”.**

## **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. 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.