

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____ Licence No: _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

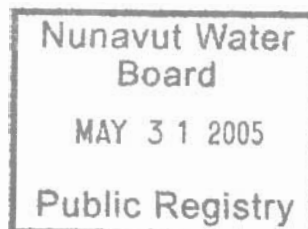
1. Environment Manager: Ross McElroy Tel: (604) 687-6644 Fax: (604) 687-1448
2. Project Manager: Ross McElroy Tel: (604) 687-6644 Fax: (604) 687-1448
3. Does the applicant hold the necessary property rights? **Yes**
4. Is the applicant an 'operator' for another company (i.e., the holder of the property 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: **April 2005** Completion: **September 2007**

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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 18 people with a maximum of 22 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 main base camp location is approximately 100 km SW of the community of Kugluktuk on the NW 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, 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:
Any fly camps that will be established will be on crown land.
- | | |
|---|---|
| <input checked="" type="checkbox"/> Crown Lands | Permit Number (s)/Expiry Date: Currently being applied for |
| <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?
Consultation with regard to this specific project has not yet taken place. Once the program is finalized, the appropriate communities will be notified. This is scheduled to begin early to mid May.
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?
All land-based drill cuttings are pumped to a sump that will be located a minimum of 31 metres from the normal high water mark of any water body.
20. Describe what will be done with drill water?
All land-based drilling fluids will be treated in sumps to collect cuttings, allowing the water to drain into the surrounding landscape.
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.
This information will be provided once we have finalized the drilling company.
22. Will any core testing be done on site? Describe.
No.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
Please see attached Spill Contingency Plan for Exploration Properties

24. How many spill kits will be on site and where will they be located?
A spill kit will be located at the camps, fuel caches at the drill, one on the helicopter for use during re-fueling.
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.
Numerous small ponds and lakes are readily available for land-based drilling
27. Estimated demand: (based on max 4 people)
☒ Domestic Use: **5 cubic metres/day** Water Source: **small lakes**
☒ Drilling Units: **15 cubic metres/drill/day** Water Source: **small lakes & ponds**
☐ 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 the lakes 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)
- latrine sump

- ✓ Camp Greywater
- **sump**
- ✓ Solid Waste **minimal**
- **incineration or removed for appropriate disposal**
- ✓ Bulky Items/Scrap Metal **if any it will be minimal**
- **removed for appropriate disposal**
- ✓ Waste Oil/Hazardous Waste **minimal**
- **removed for appropriate disposal**
- ✓ 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 shipped off site will be disposed of at the appropriate locations.

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. The size of the sumps will vary based on need and material being deposited.

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?

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.