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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Northquest Ltd **Licence No:** _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: _____ Tel: _____ Fax: _____ E-mail: _____
2. Project Manager: Dwayne Car Tel: (705) 694-5777 Fax: _____ E-mail: dwayne.car777@gmail.com
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
☐ One year or less Start and completion dates: _____
☒ Multi Year:

If Multi-Year indicate proposed schedule of on site activities

Start: June 5, 2011 Completion: September 30, 2013

CAMP CLASSIFICATION

6. Type of Camp
☐ Mobile (self-propelled)
☐ Temporary
☒ Seasonally Occupied: June to late September
☐ Permanent
☐ Other: _____
7. What is the design, maximum and expected average population of the camp?
The camp will consist of aluminum framed canvas tents on plywood floors and will house up to 17 people.
8. Provide history of the site if it has been used in the past.

CAMP LOCATION

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

The camp will be located atop a flat sandy esker. Several small ponds are located near the site.

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 site was selected because it is flat, sandy and near small ponds that will provide drinking water. The location is shown on an attached map titled "Proposed Drilling and Campsite Location".

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: _____

The camp and most of the proposed drilling locations are located on Whale Cove municipal land. Permission to explore has been given by the Council.

12. Closest Communities (direction and distance in km):
Whale Cove is located 20 km to the south of the campsite.

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

Jon North, CEO and Dwayne Car, VP Exploration attended a meeting with the Whale Cove Hamlet Council on February 11, 2011. The meeting resulted in the Council giving Northquest Ltd permission to carry out its exploration program. A town hall meeting was also held on the 11th to allow residents to learn about Northquest's plans.

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?

There will be no impacts on traditional water use or local fish habitats. Minimal impact will be made on wildlife habitat.

PURPOSE OF THE CAMP

15. ☒ Mining (includes exploration drilling)
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)
(Omit questions # 16 to 21)

☐ Other _____

16. Activities (check all applicable)

- ☐ Preliminary site visit
- x ☐ Prospecting
- x ☐ Geological mapping
- ☐ Geophysical survey
- x ☐ Diamond drilling
- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ☐ Other: _____

17. Type of deposit (exploration focus):

- ☐ Lead Zinc
- ☐ Diamond
- x ☐ Gold
- ☐ Uranium
- ☐ Other: _____

DRILLING INFORMATION

18. Drilling Activities

- x ☐ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

The cuttings will be deposited in sumps and then buried.

20. Describe what will be done with drill water?

The drill water will be allowed to soak into the soil.

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.

Big Bear Diamond Drill Rod Grease, 550X Polymer, G-Stop, and Chevron Poly EP Grease 2. Flake Calcium Chloride will be added to the drilling water only if bits need to be changed.

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

The core will be cut in half with a diamond saw.

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 Fuel Spill Contingency Plan is attached to this application.

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

Two spill kits will be present. One will be at camp and the other will be at the drill.

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

150- 205 litre drums of JetB fuel
45 -205 litre drums of diesel fuel
10 – 205 litre drums of gasoline
100 -100lb cylinders of propane
20 -80 lb bags of calcium chloride
100 -1 litre containers of 10W-30 engine oil
20 -20 litre containers of drill additives
40 tubes of rod grease
20 tubes of tube grease

The drum fuel will be stored in portable “Insta Berms” at camp. The salt will be stored under a tarp. The other drill additives will be stored under a tarp.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

The water source for camp will be the nearest small pond. Drill sites will utilize the nearest small pond as well.

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

☐ Domestic Use: 0.4 Water Source: Pond
☐ Drilling: 50.0 Water Source: Pond
☐ Other: _____ Water Source: _____

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: The water pump will be an electric jet pump using a screened foot-valve.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency? The drinking water quality will not be monitored.

30. Will drinking water be treated? How?

The water will not be treated.

31. Will water be stored on site?

Water will not be stored on site.

WASTE TREATMENT AND DISPOSAL

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

☒ Camp Sewage (blackwater)

The sewage from 17 people will be deposited in two latrine pits that will be covered at all times.
It is estimated that about 1200 kg will be produced during the program.

☒ Camp Greywater

Greywater will be deposited in sumps.

Approximately 0.3 cubic m will be produced each day.

☒ Solid Waste

Solid waste will be disposed of at the Whale Cove municipal dumpsite.

Approximately 780 kg of solid waste will be produced.

☒ Bulky Items/Scrap Metal

Bulky items and scrap metal will be disposed of at the Whale Cove municipal dump.

Approximately 200 kg will be produced.

☒ Waste Oil/Hazardous Waste

Waste oil and hazardous waste will be handed off to Whale Cove dump personnel who will properly dispose it.

Approximately 100 litres will be produced.

☒ Empty Barrels/Fuel Drums

Empty drums and propane cylinders will be returned to Churchill.

☐ Other:

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33. Please describe incineration system if used on site. What types of wastes will be incinerated?
Nothing will be incinerated on site.
34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
All non-combustible waste will be disposed of at the Whale Cove municipal dump. Permission has been granted by the Hamlet.
35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).

The latrine pits, kitchen and shower house sumps will be located a minimum of 100 m from any pond.
36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?

Leachate monitoring will not be done.

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?

NA

ABANDONMENT AND RESTORATION

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

An abandonment and restoration plan as provided to the NWB is attached.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.
No baseline information has been or will be during the exploration phase of the program.
- ☐ 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*