



P.O. Box 119

GJOA HAVEN, NT X0E 1J0 kNK5 wmoEp5 vtmpq

TEL: (867) 360-6338

NUNAVUT WATER BOARD

FAX: (867) 360-6369

NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____ **Licence No:** _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: _____ Tel: _____ Fax: _____ E-mail: _____
2. Project Manager: _____ Tel: _____ Fax: _____ E-mail: _____
3. Does the applicant hold the necessary property rights? _____
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? _____
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.
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.
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: _____
12. Closest Communities (distance in km):
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
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?

PURPOSE OF THE CAMP

15. ☐ Mining
☐ 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?

20. Describe what will be done with drill water?

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.

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

SPILL CONTINGENCY PLANNING

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

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

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

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

27. Estimated demand (in L/day * person):

- ☐ Domestic Use: _____ Water Source: _____
- ☐ 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:

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

30. Will drinking water be treated? How?

31. Will water be stored on site?

WASTE TREATMENT AND DISPOSAL

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

☐ Camp Sewage (blackwater)

☐ Camp Greywater

☐ Solid Waste

☐ Bulky Items/Scrap Metal

☐ Waste Oil/Hazardous Waste

☐ Empty Barrels/Fuel Drums

☐ Other:

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

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

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

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

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?

ABANDONMENT AND RESTORATION

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

Canada–Nunavut Geoscience Office's Spill Contingency Plan for the North Baffin Project

The North Baffin Project will make use of three field camps, one near Cape Jameson, the second near Cape Hunter, and the third near Duart Lake. Each site will be occupied for two or three days by two or three people. At each site white gas will be used for cooking, approximately 2 litres per site. This document outlines the organization of the response, the plan for initial response, reporting procedures in the event of a spill, and spill kit maintained on site.

Response Organization:

The first person on the site will (1) assess the spill situation, (2) immediately contact the field Party Chief and provide all information about the spill.

Upon receiving this information, the Party Chief will recommend a course of action, follows this procedure:

- (a) Evaluates the scale of the spill.
- (b) Activates the initial response plan.
- (c) Assembles a spill response team and directs them in implementing the spill response plan including containment, recovery, remediation, and disposal operations.
- (d) Calls the NWT 24 Hour Spill Line at (867) 920-8130 as soon as possible to report the spill and provide initial incident details. A NWT Spill Report Form will be faxed to (867) 873-6924.
- (e) Gathers relevant information and submits a detailed spill report to the applicable regulatory agencies no later than thirty (30) days after the initial reporting of the spill.

Initial response plan:

The first person at the site will ensure safety of himself and those near the site. Next he will notify the Party Chief about the spill.

White gas:

If possible and safety permits, stop the flow and eliminate ignition sources. White gas forms vapors that can ignite and explode. No smoking is permitted when responding to a white gas spill. Use particulate sorbent material to soak up the spill. All contaminated water, snow/ice, soils, clean up supplies, and absorbent materials will be stored in closed, labeled containers. The containers will be stored in ventilated areas away from incompatible materials. Electrically ground all containers and transporting equipment.

Reporting Procedure:

- 1. Fill out "**SPILL REPORT**" form as completely as possible before making the report.
- 2. Report IMMEDIATELY to Yellowknife using the 24 hour Spill Report Line. 24 HOUR SPILL REPORT LINE **(867) 920-8130**
- 3. Where FAX is available, follow up by sending a copy of the spill Report to **FAX # (867) 873-6924**
- 4. RCMP communications may be used if other means are not available.
- 5. DIAND's Water Resources Inspector ((867)-975-4298) will also be notified.

Spill Kits:

We will have one spill kit available in the field camp. Each kit will be inspected by the Party Chief on a regular basis to ensure it contains the following:

- 1 package of 10 disposable 5 mil polyethylene bags.
- 10 lb. Bag of particulate
- 1 bail of 17' x 19' x absorbent sheets (100 sheets/bail)
- 2 PVC oil resistant gloves
- 2 respirators
- 2 pairs of splash protective goggles.

Contacts:

DIAND Water Resources ((867) 975-4555)

Environment Canada ((867) 975-4636)

INAC Environment and Contaminants ((867)-975-4549)