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Tel: (867) 360-6338 NUNAVUT WATER BOARD
Fax: (867) 360-6369 NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Cameco Corporation **License No:** _____ (For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Garth Drever Tel: (306) 956-6363 Fax: (306) 956-6390 E-mail: Garth_drever@cameco.com

2. Project Manager: Garth Drever Tel: (306) 956-6363 Fax: (306) 956-6390 E-mail: Garth_drever@cameco.com

3. Does the applicant hold the necessary property rights? Exploration camp is on open crown land.

4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? No
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: June 2006 Completion: June 2008

CAMP CLASSIFICATION

6. Type of Camp
   - [ ] Mobile (self-propelled)
   - [ ] Temporary
   - [√] Seasonally Occupied: June - August
   - [ ] 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?

   The camp is designed as a 20-man camp with occupation levels averaging 10 persons.

8. Provide history of the site if it has been used in the past.

   To our knowledge the campsite has not been previously used.

CAMP LOCATION

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

The campsite is located on the southwest shore of Qamanaarjuk Lake on a raised beach. An area suitable for landing a fixed wing aircraft is located within 200 m of the campsite (see attached figure).

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 campsite was selected with the following criteria in the forefront.
-an area of durable ground (sand &/or gravel with a minimum of vegetation) relatively level and large enough to hold a camp to accommodate 20 persons, approximately one hectare.
-an area in close proximity and easy access to accommodate a "natural" airstrip (minimal surface disturbance – removal of large rocks) 10 m x 300 m
-a nearby source of clear surface water, within 400 m (ideally closer)
This site was selected based on reconnaissance by Ookpik Aviation and air photo interpretation. No other assistance was used.

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):

Baker Lake is 100 km ESE

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

Our initial meeting is scheduled for April 6 2006 in Baker Lake. We will be meeting with the councilors for the Hamlet of Baker Lake.

14. Will the project have impacts on traditional water use areas used by the nearby communities? No
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 ~~Mineral Exploration~~ (Omit questions # 16 to 22)

16. ○ Preliminary site visit
√ Prospecting
√ Geological mapping
√ Geophysical survey
○ Diamond drilling

- O Reverse circulation drilling
- O Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- O Other: _____

17. Type of deposit:
    - O Lead Zinc
    - O Diamond
    - O Gold
    - ☑ Uranium
    - O Other: _____

DRILLING INFORMATION

18. Drilling Activities
    - O Land Based drilling
    - O 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. Yes

24. How many spill kits will be on site and where will they be located? Three (3);

Two (2) 206 Liter drum overpack kits (SPC A95) and one (1) spill locker spillkit (SPC SKA-SL)

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

Described in the attached Hazardous Materials Spill Contingency Plan

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Qamanaarjuk Lake campsite (see attached figure)

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

- ☑ Domestic Use: Max. 3,000 L/day Water Source: Qamanaarjuk Lake water
- ○ 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:

Water will be pumped from surface (lake) source through a sandpoint.

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

An initial set of test (6-10) to establish a baseline will be followed by tests twice a week. The test kit used will be WATERSAFE®, parameters include bacteria, nitrite, nitrates, and pH.

30. Will drinking water be treated? How?

Yes; addition of household chlorine solution (bleach) having 5.25% available chlorine at a rate of 2.5ml/100 L to clear water added to storage just prior to addition to ensure adequate mixing. Alternate or additional use of ultraviolet light treatment is being considered.

31. Will water be stored on site?

Yes, an approximate maximum of 3,000 liters in containers (tanks) within the main building (wash and water pressure pump room).

WASTE TREATMENT AND DISPOSAL

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

☑ Camp Sewage (blackwater)

Max. 15 Liters/day of which solids will be incinerated and liquids disposed through sumps

☑ Camp Greywater

Max. 3,000 Liters/day, which will be disposed through sumps

☑ Solid Waste

Max. 80 Liter (volume)/day, which will be incinerated and residue will be removed to municipal disposal

○ Bulky Items/Scrap Metal

☑ Waste Oil/Hazardous Waste

Max. 1 Liter/day from genset and other small engines that will be used to incinerate waste materials

☑ Empty Barrels/Fuel Drums

Will be removed to storage at Baker Lake

○ Other:

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

Burning barrels will be used. Incineration will be fueled by waste fuel and waste oil. (See above description)

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

Non-combustible waste will be removed to the municipal disposal in Baker Lake. Authorization has not been granted at time of application

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

Sumps will be located directly outside the footprint of structures having drains (kitchen and wash). Sumps will be cribbed with clean perforated steel drums (sides and bottoms) approximately 60 cm in diameter and 90 cm deep. The top will be screened with expanded metal (steel and/or aluminum). Volume will be approximately 200 liters. Freeboard estimated to be a minimum of 30 cm at maximum discharge.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency? No

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? Yes

The same processes have been used for 5 years at another camp in the area. Freezing of supply lines and pumps are the main operation and maintenance problems that may occur. Contingency plans in place include the use of spare supply lines, pumps, portable heaters, and the scaling down of water usage.

ABANDONMENT AND RESTORATION

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

The proposed exploration camp is being designed for multiple year usage. The main building (kitchen/dining/ablutions/office) will be constructed on site, while the sleeping cabins (5) will be components that are assembled on site. The structures are all wood and appropriately insulated to be used from May until September comfortably with the option of winter occupancy (emergency use). All waste materials will be incinerated and/or removed to a municipal waste storage area. Water consumption and wastewater will be disposed of via sumps.

During periods of inactivity, the camp will be "winterized". All structures will be sealed to prevent incursion from animals and inclement weather. Detailed instructions regarding access information will be posted in an obvious location in case of emergency.

Exploration on several of Cameco's projects in the area will be operated out of this central camp. It is anticipated that exploration activities for Cameco will increase in intensity from year to year. At such time when Cameco ceases activities the exploration camp will be removed from the site. This will involve all structures and sumps will be restores to their original state.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.
None planned at this time

- O Physical Environment (Landscape and Terrain, Air, Water, etc.)
- O Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic
- O Organisms, etc.)
- O Socio-Economic Environment (Archaeology, Land and Resources Use,
- O Demographics, Social and Culture Patterns, etc.)
- O 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.