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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

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

ADMINISTRATIVE INFORMATION

1. Environment Manager: Gerard Zaluski Tel: 306-956-6359 Fax: 306-956-6390 E-mail: gerard_zaluski@cameco.com
2. Project Manager: Gerard Zaluski Tel: 306-956-6359 Fax: 306-956-6390 E-mail: gerard_zaluski@cameco.com
3. Does the applicant hold the necessary property rights?
Yes - mineral claims for drilling (no camp)
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, 2008 Completion: June, 2010

CAMP CLASSIFICATION

6. Type of Camp
☐ Mobile (self-propelled)
☐ Temporary
☐ Seasonally Occupied: _____
☐ Permanent
☒ Other: Water for diamond drilling (no camp)
7. What is the design, maximum and expected average population of the camp?
N/A
8. Provide history of the site if it has been used in the past.
no previous camp or drilling (only prospecting and geophysics)

CAMP LOCATION

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

There will be no camp. The mineral claims and lease are located on the northwest side of Nueltin Lake. Most of the drill holes will be less than 2 km west of Sandybeach Lake, NU.

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.

There is no camp, as the water use is for diamond drilling on the mineral claims.

11. Is the camp or any aspect of the project located on:

<input checked="" type="checkbox"/>	Crown Lands	Permit Number (s)/Expiry Date: F56800 - June 3, 2008
<input type="checkbox"/>	Commissioners Lands	K03079-K03108 - July 24-27, 2008
<input type="checkbox"/>	Inuit Owned Lands	F1501-F1504 - pending

12. Closest Communities (direction and distance in km):

Lac Brochet, Manitoba - 185 km SSW

Arviat, Nunavut - 325 km ENE

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

Community consultations were held in January, 2008 by Cameco in Arviat and Rankin Inlet, NU. A trip to Lac Brochet, MB is planned for February/March, 2008. An overview of the company and the plans for the 2008 exploration program were presented.

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. Water will be used only for diamond drilling. Sumps will be used and drill fluids recirculated in order to minimize water usage and collect suspended sediments. Water intake will be screened to avoid intake of fish and aquatic life.

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)

<input type="checkbox"/>	Preliminary site visit
<input checked="" type="checkbox"/>	Prospecting
<input checked="" type="checkbox"/>	Geological mapping
<input type="checkbox"/>	Geophysical survey
<input checked="" type="checkbox"/>	Diamond drilling

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

17. Type of deposit (exploration focus):

- ☐ 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?

Drill cuttings will be collected for sampling and the remainder will be backfilled upon completion of the drill hole. Radioactive cuttings will be collected with a polydrill system and disposed of at an approved site.

20. Describe what will be done with drill water?

Drill water will be collected in a sump and reused for drilling.

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.

Exact drilling additives are currently not known. The MSDS sheets in the Spill Contingency Plan will be updated when additives are available. All will be non-toxic, NSF (National Sanitary Foundation) approved products.

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

Non-destructive reflectance spectral analysis, magnetic susceptibility and scintillometer readings.

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.

Attached.

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

Three (3): Two (2) 206 litre drum overpack kits (SPC A95) and one (1) spill locker spillkit (SPC SKA-SL). Located at the camp and drill site

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

See attached Hazardous Materials Spill Contingency Plan.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Water sources will be lakes or streams near the drill sites. Exact sites will depend on ground conditions but approximate sites are shown in the attached figure.

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

☐ Domestic Use: _____ Water Source: _____
☒ Drilling: 55 m3/day Water Source: see attached figure
☐ 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:

N/A

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

Drinking water will be obtained from Nueltin Lake Lodge.

30. Will drinking water be treated? How?

N/A

31. Will water be stored on site?

Only small amounts will be at drill site, sufficient for drinking by drill and field crews.

WASTE TREATMENT AND DISPOSAL

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

☐ Camp Sewage (blackwater)

N/A

☐ Camp Greywater

N/A

☒ Solid Waste

Minor solid wastes will be removed from drill sites to Nueltin Lake Lodge.

☒ Bulky Items/Scrap Metal

Scrap metal and other large items will be transported to Nueltin Lake Lodge and arrangements made for removal

☒ Waste Oil/Hazardous Waste

Waste oil and fuel from the drill site will be removed and all hazardous materials will be disposed of at approved sites.

☒ Empty Barrels/Fuel Drums

Empty drums will be transported to Nueltin Lake Lodge for removal.

☒ Other:

If encountered, radioactive cuttings will be collected with a Polydrill system and transported to the Rabbit Lake mine for disposal.

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

N/A

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 Nueltin Lake Lodge (MB), where arrangements will be made for removal.

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

N/A

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?
- Water supply will only be industrial use (for drill), using standard methods for drilling in the region. Freezing of pumps or supply lines is the main potential problem but is unlikely at this time of year. Contingency plans include spare supply lines, pumps, portable heaters, and keeping water flowing.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.
- Drill cuttings collected and backfilled, casing removed and holes backfilled (radioactive holes will be cemented), radioactive cuttings collected with Polydrill system and shipped to Rabbit Lake mine for disposal.

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. 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

