



P.O. Box 119  
GJOA HAVEN, NU X0B 1J0  
TEL: (867) 360-6338  
FAX: (867) 360-6369

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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

## EXPLORATION/ REMOTE CAMP -Amendment to 2008 Questionnaire SUPPLEMENTARY QUESTIONNAIRE

**Applicant:** Kristl Hoksbergen **Licence No:** \_\_\_\_\_

(For NWB Use Only)

### ADMINISTRATIVE INFORMATION

Application to amend Licence No. 2BE-NUE0810

1. Environment Manager: Kristl Hoksbergen Tel: 306-956-6427 Fax: 306-956-6390 E-mail: kristl\_hoksbergen@cameco.com
2. Project Manager: Kristl Hoksbergen Tel: 306-956-6427 Fax: 306-956-6390 E-mail: kristl\_hoksbergen@cameco.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.
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 These dates are from the original licence  
Start: June 5, 2008 Completion: June 4th, 2010 (with option to renew)

### CAMP CLASSIFICATION

6. Type of Camp  
☐ Mobile (self-propelled)  
☒ Temporary  
☐ Seasonally Occupied: \_\_\_\_\_  
☐ Permanent  
☐ Other: \_\_\_\_\_
7. What is the design, maximum and expected average population of the camp?  
Predicted camp design would be for 2 sleeping tents, a kitchen tent, a shower/dry tent, and a small outhouse facility. The camp will likely have maximum 5 people occupying it.
8. Provide history of the site if it has been used in the past.  
This site has not had a camp on it before.

## CAMP LOCATION

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

The camp will be located within walking distance to the camp. The water will likely be transported with buckets, or possibly with a very small sized pump.

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.

This camp is very small, it is located with optimum location to water source, and as it is proximal to the location of the geophysical survey. No assistance was utilized to plan the location of the camp.

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

<input checked="" type="checkbox"/>	Crown Lands	Permit Number (s)/Expiry Date: LUP# N2008C0006 Exp: April 1, 2010
<input type="checkbox"/>	Commissioners Lands	Permit Number (s)/Expiry Date: _____
<input type="checkbox"/>	Inuit Owned Lands	Permit Number (s)/Expiry Date: _____

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

Lac Brochet: 185 km Southwest of the property

Arviat: 350km Northeast of the property

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

A letter of notification was sent to the Lac Brochet North of 60 Land Administration, and Band Office.

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.

No.

## PURPOSE OF THE CAMP

15. ☐ Mining (includes exploration drilling)  
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)  
(Omit questions # 16 to 21)  
☒ Other Ground based geophysical survey on cut survey lines.

16. Activities (check all applicable)

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

NO DRILLING WILL BE COMPLETED IN 2009

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.

Please refer to the attached Spill Contingency Plan.

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

Due to the size of the camp, one large capacity spill kit will be located centrally in the camp.

For Use During 2008 Drilling: Three (3): Two (2) 206 litre drum overpack kits (SPC A95) and one (1) spill locker spillkit (SPC SKA-SL). Located at the drill site.

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

-Please refer to attached table, and necessary MSDS sheets.

## WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Water will likely be drawn from the lake nearest the camp at Lat: 60 06' 41N Long:99 59' 12"W

When Drilling: Water sources will be lakes or streams near the drill sites. Exact sites will depend on ground conditions.

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

No Drilling in 2009	<input checked="" type="checkbox"/>	Domestic Use: <u>10 m3/day</u>	Water Source: <u>As shown above</u>
	<input checked="" type="checkbox"/>	Drilling: <u>2008- 55 m3/day</u>	Water Source: _____
	<input type="checkbox"/>	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:

If a pump is used then the intake will be screened in accordance to regulations.

The water will likely be transported manually from the lake into the camp.

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

Drinking water will be supplied as bottled water. No analysis is necessary

30. Will drinking water be treated? How?

Drinking water will be bottled water from the main lodge, no treatment is necessary.

31. Will water be stored on site?

Water will be stored only for necessary daily needs in buckets as needed on a daily basis.

## WASTE TREATMENT AND DISPOSAL

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

☒ Camp Sewage (blackwater)

Camp sewage will be collected in bags and brought back to the Nueltin Lake Lodge for disposal

☒ Camp Greywater

Hand-dug sumps will be used to dispose of the grey water on-site.

☒ Solid Waste

Solid waste will be collected in bags and brought back to the Nueltin Lake Lodge for disposal

☒ Bulky Items/Scrap Metal

Bulky Items/Scrap Metal will be collected in bags and brought back to the Nueltin Lake Lodge for disposal

☒ Waste Oil/Hazardous Waste

Waste Oil/Hazardous Waste will be collected in bags and brought back to the Nueltin Lake Lodge for disposal

☒ Empty Barrels/Fuel Drums

Empty Barrels/Drums will be collected in bags and brought back to the Nueltin Lake Lodge for disposal or storage

☐ Other:

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

No incineration is to be preformed on site. All materials will be sent to Nueltin Lake Lodge for proper disposal in their landfill.

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

All materials will be sent to Nueltin Lake Lodge for proper disposal in their landfill.

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

The sumps will be located at a maximum distance from the lake relative to the camp (20m from the highwater mark of the water body). They will be small 1m in diameter, .5m in depth.

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?

This work will not be conducted in cold climate.

## ABANDONMENT AND RESTORATION

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

Please refer to the attached Abandonment and Restoration Plan.

## BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

Data from 2008 has been submitted already. 2009 data collected will include:

- ☐ 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