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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: COGEMA Resources Inc. **Licence No:** _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Bob Pollock Tel: (306) 343-4548 Fax: (306) 343-4540 E-mail: bob.pollock@cogema.ca

2. Project Manager: Ken Wheatley Tel: (306) 343-4527 Fax: (306) 343-4632 E-mail: ken.wheatley@cogema.ca

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)? No
   If so, please provide letter of authorization.

5. Duration of the Project
   [ ] Annual
   [X] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: July, 2004 Completion: July, 2004

INTERNAL	
PC	AP
MA	
FO	
LA	
BS	
ST	
TA1	
TA2	
RC	
ED	
CH	
BRD	
EXT.	

CAMP CLASSIFICATION

6. Type of Camp
   [ ] Mobile (self-propelled)
   [ ] Temporary
   [X] Seasonally Occupied: July, 2004
   [ ] 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 maximum population of the camp is now 15 people. In July, 2004, an 8 man crew will work for approximately 2 weeks on further clean-up.

8. Provide history of the site if it has been used in the past. The Kiggavik camp was established in 1975 and used for drill programs until 1997. The camp has been in care and maintenance mode since then. A clean-up of the camp occurred in 2003, and will be completed in 2004.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies. The camp is located on the tundra, 300m south of a small lake at 64° 24'N and 97° 52'W on NTS map #66-A. It is located 80km west of Baker Lake.

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 camp site was selected due to its proximity to the radioactive outcrops of the Lone Gull (now Kiggavik) deposit. The camp has been in use since 1975.

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

[X] Crown Lands Permit Number (s)/Expiry Date: ___N2000J0040_____
[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[ ] Inuit Owned Lands Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km): Baker Lake, 80 km to the east.

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

Yes. A meeting was held in 2003 at Baker Lake to inform the public and community officials about the plans for the Kiggavik camp.

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 impacts are anticipated. Water will be collected for washing purposes only.

PURPOSE OF THE CAMP

15. ☐ Mining
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)
(Omit questions # 16 to 21)
☐Other: Camp will be put into long-term storage mode until the economic and political situation allow for development of the Kiggavik uranium deposit.

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.

There will be only 4 barrels of diesel fuel left on site to be used for heating in an emergency if anyone travelling through the area needs to get warm. Fuel will be stored in the sleep-bunkhouses and the kitchen. There is no spill contingency plan in place, as no one will be using the camp except for the clean-up crew in July of 2004. Peter's Expediting has been contracted to make biannual checks on the camp to check for damage and fuel leaks.

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

One spill kit will be kept on site in the kitchen.

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

Four barrels of diesel fuel for heating purposes will be kept on site. Each barrel contains 45 gallons, or 205 litres of fuel. Attached is the MSDS sheet for diesel.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

The water source is a small lake about 300 metres north of the camp.

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

- Domestic Use: 5 litres Water Source: Lake
- 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: The lake is not big enough to support fish, and there are no rivers or creeks running in or out of the lake. A screen will not be used, as water will be collected in buckets.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency? Drinking water will be brought in from Baker Lake.

30. Will drinking water be treated? How? N A

31. Will water be stored on site?

Water for washing will be collected from the lake on a daily basis, and kept in a lined 45-gallon barrel.

WASTE TREATMENT AND DISPOSAL

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

- Camp Sewage (blackwater) Sewage from 8 people for 2 weeks will be produced. No treatment is planned. If necessary, the sewage can be collected and burned. Otherwise, it will be left on the tundra.

- Camp Greywater Dishwater will be allowed to run onto the tundra.

- Solid Waste see last section of 32.

- Bulky Items/Scrap Metal NA

- Waste Oil/Hazardous Waste NA

- Empty Barrels/Fuel Drums NA

☐ Other: _All materials that are considered as waste are being hauled to the Baker Lake landfill for disposal in April by Peter's Expediting.

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

An incinerator will not be used, unless it is required to burn the sewage. Then, an empty 45-gallon barrel with an ash-screen will be used.

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

As stated in question 32, non-combustible waste will be hauled to Baker Lake. Peter's Expediting is currently working on getting the authorization for dumping of this material.

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

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

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? N A

ABANDONMENT AND RESTORATION

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

The site is in the second year of a two-year partial decommissioning. The drills that were stored on site have been taken out, and all buildings in poor shape were dismantled or burned in 2003. The helicopter fuel on site has been used up, and all except a few barrels of diesel have been used or are being sent back to Baker Lake. Radioactive core has been moved into a fenced, locked area, and the remaining non-radioactive core has been boarded up. Empty fuel barrels and extra materials will also be sent to Baker Lake in April, 2004.

The remaining buildings at Kiggavik will remain standing until such time that a decision can be made to go ahead with the development of a mine, or the camp will be totally decommissioned.

BASELINE DATA

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

- x 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:

Urangesellschaft, the previous operator, contracted a feasibility study on the property. Some physical baseline information is available in this report from October 1989 by Wright Engineers, Limited, Toronto, Canada.

REGULATORY INFORMATION

40. Do you have a copy of

- x Article 13 - Nunavut Land Claims Agreement
- x 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
- x DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- x Fisheries Act - s.35
- x RWED - Environment Protection- Spill Contingency Regulations
- ☐ Canadian Drinking Water Quality Guidelines
- x Public Health Act Camp Sanitation Regulations
- x Public Health Act Water Supply Regulations
- x Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.