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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: De Beers Canada Inc. – Exploration Division_____Licence No:
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Matthew Pickard Tel: (416) 645-1710
   Fax: (416) 423-9944
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2. Project Managers: Paulo Periera Tel: (416) 645-1710
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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.

   No

5. Duration of the Project
   [ ] Annual
   [X] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: August 1, 2006 Completion: September 30, 2007

CAMP CLASSIFICATION – N/A (utilizing accommodation in the community of Baker Lake)

6. Type of Camp
   [ ] Mobile (self-propelled)
   [ ] Temporary
   [ ] Seasonally Occupied:
   [ ] Permanent
   [X] Other: Staying in the community of Baker Lake

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 – N/A (utilizing accommodation in the community of Baker Lake)

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):

    Baker Lake

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

    Yes

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?

    There should be no impact on traditional water use areas. Disturbance to wildlife will be minimal. The sampling, staking, drilling, prospecting, mapping and geophysics will be done in very localized areas. The local HTO's indicated that there were no large herds in the work area and since that time very few Caribou have been seen.

PURPOSE OF THE CAMP – N/A (utilizing accommodation in the community of Baker Lake)

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 surveys
- ○ Diamond drilling
- ○ Reverse circulation drilling
- ○ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ○ Other: Geological Sampling and Mapping

17. Type of deposit:

- ○ Lead Zinc
- ○ Diamond
- ○ Gold
- ○ Uranium
- ○ Other: _____

DRILLING INFORMATION

18. Drilling Activities

A platform core drill is planned to test all targets that occur on land. If any targets below small lakes are identified then the core drill will be used from land to drill angle holes. If any targets are identified under larger water bodies they will be drill tested during the Winter of 2007.

- ● Land Based drilling
- ○ Drilling on ice

19. Describe what will be done with drill cuttings?

Core from the core drill will be collected and placed into wooden boxes and flown back to Sudbury for storage or processing.

20. Describe what will be done with drill water?

The drill water will be re-circulated as much as possible and any excess will be deposited onto the tundra at the drill collar location. Supervisors will ensure all drill collar locations are >31m from all water sources.

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.

Matex DD 2000

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

No

SPILL CONTINGENCY PLANNING

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

Yes, refer to RCD 064.

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

1 large spill kit of 200 L will be located at the drill, near the fuel cache and at the helipad. A smaller spill kit will be kept on the helicopter. Additional absorbent padding will be kept in stock and on hand.

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

No more than ten 45-gallon drums of Jet B fuel will be stored at the field fuel cache at any one time. Approximately 150 45-gallon drums of Jet B fuel are staged at the Baker Lake airstrip.

No more than two 45-gallon drums of Jet B fuel will be stored at the drill site at any one time. Approximately fifteen 45-gallon drums of gasoline will be staged at the Baker Lake airstrip.

No more than two 30 lb propane bottles will be stored at the drill site at any given time. Approximately ten 30 lb propane bottles will be staged at the Baker Lake airstrip.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Any water sources utilized for drilling purposes will be small lakes or streams closest to the collar location.

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

- ● Domestic Use: n/a community accommodations Water Source:
- ● Drilling Units: 1250L/day Water Source: Lake or Stream
- ○ Other: _____ Water Source: _____

Number of drillholes = 5-10

Water use per drillhole = approximately 1250L/drillhole

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:

N/A – utilizing accommodation in the community of Baker Lake.

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

N/A – utilizing accommodation in the community of Baker Lake.

30. Will drinking water be treated? How?

N/A – utilizing accommodation in the community of Baker Lake.

31. Will water be stored on site?

No

WASTE TREATMENT AND DISPOSAL

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

- ○ Camp Sewage (blackwater)

N/A – utilizing accommodation in the community of Baker Lake

- ○ Camp Greywater

N/A – utilizing accommodation in the community of Baker Lake

- ○ Solid Waste

N/A – utilizing accommodation in the community of Baker Lake

- ● Bulky Items/Scrap Metal

Back hauled to the Baker Lake landfill

- ● Waste Oil/Hazardous Waste

Shipped back to Sudbury

- ● Empty Barrels/Fuel Drums

Back hauled to Baker Lake

- ○ Other:

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

No incineration

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

N/A – utilizing accommodation in the community of Baker Lake

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

N/A – utilizing accommodation in the community of Baker Lake

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?

A procedure is in place for the Use and Handling of Water see OP 028.

Similar processes have been used at other projects in Nunavut. O&M problems are not likely to occur.

A Spill Contingency Plan is in place (RCD 064) should a spill occur outside the sump area.

ABANDONMENT AND RESTORATION

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

Please refer to RCD 70 which is attached.

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.