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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____De Beers Canada Inc._____Licence No: _____2BE-PCD0607_____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Matthew Pickard Tel: (416) 645-1710
   Fax: (416) 423-9944 E-mail: matthew.pickard@ca.debeersgroup.com

2. Project Manager: Todd Mckinlay Tel: (416) 645-1710 Fax: (416) 423-9944 E-mail: todd.mckinlay@ca.debeersgroup.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
   [ ] Annual
   [X] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: October 31, 2007 Completion: October 31, 2009

For the Cornwallis and Osbourne Point projects, geophysics, sampling, mapping, prospecting and drilling are planned for the 2008 field season. Depending on the results obtained, subsequent field seasons may include further drilling, sampling and geophysics.

For the Chartrand Lake project geophysics and sampling are planned for this field season. Depending on the results obtained, subsequent field seasons may include further geophysics and drilling.

For the Prince of Wales project sampling may occur in the 2008 field season.

CAMP CLASSIFICATION

6. Type of Camp
   [ ] Mobile (self-propelled)
   [X] Temporary
   [ ] Seasonally Occupied: _____
   [ ] 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?

   A Fly camp with arctic pop up tents will be set up. The camp will move 2-3 times and will spend 10-15 days at each location. There is no expected fluctuation in personnel.

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

CAMP LOCATION

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

Proposed for future field seasons:

For the Prince of Wales project, De Beers Canada Exploration Inc. intends to set up at least 2 temporary, portable fly camps for up to 10 tentatively located at: Fly camp-A: 73º 19.0' N and 98º 54.5' W; Fly camp-B: 72º 20.5' N and 98º 01.5' W. Both of the proposed temporary fly camps are situated adjacent to waterbodies.

For the Chartrand Lake project and Devon Island projects, De Beers Canada Exploration Inc. intends to set up at least 2 temporary, portable fly camps for up to 10 tentatively located at two of the following locations: For the Chartrand Lake project - Fly camp-A: 94º13.0'W and 69º42.5'N; Fly camp-B: 95º2.5'W and 69º46.5'N; Fly camp-C: 95º16'11"W and 70º45'50"N; Fly Camp-D: 92º54'15"W and 70º55'6"N; Fly Camp-E: 93º18'45"W and 70º29'6"N; For the Devon Island project - Fly camp-A: 75º26'00" N, 89º51'00" W; Fly camp B: 76º 18.0' lat. and 92º 18.0' long.

For the Cornwallis/Cape Osborn project, fly camps are not anticipated and activities will be based out of Resolute.

All proposed temporary fly camps are situated adjacent to waterbodies.

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.

For the Prince of Wales and Devon Island projects, all proposed tentative fly camp locations are located well inland on and near the centre of De Beers Canada Prospecting Permits in order to facilitate accessibility to sampling, geophysics, drill locations by helicopter.

For the Chartrand Lake project, all proposed tentative fly camp locations with the exception of Fly Camp-D are located well inland on Boothia Peninsula. These camp locations are positioned to facilitate accessibility to drill locations by helicopter.

For all projects, wildlife and heritage sites were also considered. Advice has been sought from Canadian Wildlife Services and the Department of Culture, Language, Youth and Elders in order to avoid disturbance of any heritage sights, calving or nesting areas and wildlife.

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

[X] Crown Lands Permit Number
Prince of Wales Permit Numbers: 6317 and 6217 Expiry Date:12/31/2009
Chartrand Permit Numbers: 4491 and 4498 Expiry 12/31/2009
Devon Island Permit Numbers: 6148 and 6068 Expiry 12/31/2009
Cornwallis/Cape Osborn 4491 and 4498 Expiry 12/31/2009 and 7196-7211 Expiry12/31/2009

[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[X] Inuit Owned Lands Permit Number (s)/Expiry Date:
Q06L1C12 expiry October 1/08
KTL106C018 expiry June 26/08
_____

12. Closest Communities (distance in km):
Prince of Wales - Resolute 130 km
Chartrand Lake - Taloyaok 10 km
Cornwallis - Resolute 60 km
Cape Osborn – Resolute 200 km

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

Representatives from De Beers Canada Inc. were in contact with the Mayor of Resolute by phone and in person last year. Further consultations are planned for this year.

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 of wildlife should be minimal. The geophysics, mapping and prospecting will be done in July and August. This is after calving and before migration.

PURPOSE OF THE CAMP

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 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?

Drill cuttings will be collected into plastic pails and flown back to Sudbury for storage and processing.

20. Describe what will be done with drill water?

The water will be controlled to ensure that it, and any drill cuttings are contained in a sump on land at least 31 metres from the ordinary high mark of any water body.

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.
N/A

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
Yes, please refer to the attached procedure 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 near the fuel cache/helipad/airstrip. Absorbent padding will be kept in the helicopter. Additional absorbent padding will be kept in stock and on hand. A spill kit will also be kept at the drill rig.

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

No more than eighteen 45-gallon drums of Jet fuel B will be stored at one time.
No more than 4 100 lb propane cylinders
No more than 2 45 gallon drum of diesel (more if drilling)

WATER SUPPLY AND TREATMENT

26. Sources of water will be waterbodies located adjacent to proposed temporary fly camps. Both proposed temporary fly camps locations are situated on the shorelines of lakes.

Sources of water will be waterbodies located adjacent to proposed drill targets.

All proposed temporary fly camp locations are situated on the shorelines of lakes or streams and one (Fly Camp D) for the Chartrand Lake project, is located on the Gulf of Boothia.

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

- Domestic Use: 750 Water Source: Lake or Stream
- Drilling Units: 20000 Water Source: Lake or Stream – see attached
- ○ 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:

A submersible pump is used with a 2 mm mesh screen to prevent entrainment.

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

Water quality will be tested at the start by Maxxam Analytics Inc. (Results will not be available before consumption)

30. Will drinking water be treated? How?

All water for camp is passed through a sediment filter and then a UV filter.

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)

Pit privy at least 31 meters from any body of water

- Camp Greywater

Gravel lined sump at least 31 meters from any water body

- Solid Waste

Back haul to Resolute for Prince of Wales and Devon Island Projects landfill
Back haul to Taloyaok landfill for Chartrand Lake Project

- Bulky Items/Scrap Metal

Back Haul

- ○ Waste Oil/Hazardous Waste

- Empty Barrels/Fuel Drums

Back haul to Resolute for Prince of Wales and Cornwallis/Cape Osborn and Devon Island projects, back haul to Taloyoak for Chartrand Lake project then shipped back to Montreal

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- ○ 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?

Back haul to Resolute landfill for the Prince of Wales and Devon Lake projects
Back haul to Taloyoak for Chartrand Project (unsure if permission was granted)
Cornwallis/Cape Osborn based out of Resolute

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

The sump is located between the dry (shower) and the kitchen/mess tent at least 31m from the high level mark of the lake. The material is sandy gravel and the sump is fenced off.

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.

See RCD 070.

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.