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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Stornoway Diamond Corporation **LicenceNo:** _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Land Administrator :**Nicole Westcott** Tel: **604-331-2259** Fax: **604-689-5041**
   E-mail: **nwestcott@stornowaydiamonds.com**
2. Project Manager: **Robin Hopkins** Tel: **604-331-2259** Fax: **604-689-5041**
   E-mail: **info@stornowaydiamonds.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.
   No
5. Duration of the Project
   [ ] Annual [☑] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: 2006 Completion: July 2008 (possibly ongoing)

CAMP CLASSIFICATION

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

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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?

Field crews may be working from one of two pre-existing temporary camp sites with activities typically taking place anytime between May and October of each year. Typical camp population for the till sampling and geophysical portion of the program will be 6 (4 geologists/samplers, 1 cook and 1 pilot). Should a drilling program be pursued the population would rise by approximately 4, for a stable camp population of 10 people.

8 Provide history of the site if it nas been used in the past.

The Jubilee Camp, located at 401600mE, 7492385mN, UTM Zone 12, NTS Map Sheet 86/P11 was utilized during both the 2002 and 2003 program.

The Eureka Camp, located at 384500mE, 7436500mN, UTM Zone 12, NTS Map Sheet 86 P/4 was utilized during the 2002, 2003, and 2004 exploration programs.

Note: Personnel conducting work on the properties comprising the Coronation Project during the 2005 exploration season were housed at Lupin Mine.

CAMP LOCATION

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

Both the Jubilee camp and the Eureka camp are located on well draining eskers proximal to water bodies. (See attached map)

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 sites were originally chosen for their central locations and proximity to lakes which would accommodate float equipped aircraft. Please see attached map.

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

[☒] Crown Lands Permit Number (s)/Expiry Date: **N2002J0019/Expires May 12, 2006**
[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[ ] Inuit Owned Lands Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km):

Kugluktuk, 80 km NW
Bathurst Inlet, 180 km E-NE

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

Activities on landholdings in this area during the 2004 and 2005 season were very limited and therefore no consultations were sought during this time.
Information packages will be sent to the local Hunters' and Trappers' Associations in the coming months providing an update on Stornoway Diamond Corporation's activities in the Coronation Gulf area and Nunavut.

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

PURPOSE OF THE CAMP

15. ⊘ Mining (Exploration)
    ○ 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?

All land based drill cuttings will be pumped to a sump that will be located a minimum of 30 meters from the normal high water mark of any water body.

20. Describe what will be done with drill water?

Most of the drill water will be recycled or lost through the rock at the drilling face. Cuttings and sludges will be stored in sumps.

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.

Polydrill 550, 133, calcium (or sodium) chloride may be required for permafrost (See MSDS Sheets in Appendix III of the Spill Contingency Plan)

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, please see attached Spill Contingency Plan.

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

A spill kit will be located at the fuel storage area in camp, and spare kits will be on hand in the camp. Please also see the attached Spill Contingency Plan.

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

See Spill Contingency Plan.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Water sources will be proximal to the proposed camp sites shown in the attached figure.

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

- ⊘ Domestic Use: *~400 litres per day* Water Source: *Lakes proximal to camp sites*
- ⊘ Drilling Units: *~ 15,000 - 20,000 litres per day* Water Source: *Lakes proximal to site*
- ○ 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:

Camp will utilize a small supply pump with screened supply end to prevent fish from becoming entrapped.

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

No

30. Will drinking water be treated? How?

No.

31. Will water be stored on site?

A small amount of water will be stored at camp each day for domestic purposes (ie. Cooking, washing, etc.)

WASTE TREATMENT AND DISPOSAL

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

⊘ Camp Sewage (blackwater) – **Sewage will be disposed of in a pit that will be backfilled upon completion of the program**

⊘ Camp Greywater – **Greywater will be disposed of in a sump that will be backfilled upon completion of the program**

⊘ Solid Waste – **Garbage will be incinerated at camp and any unburnable items will be removed from the site and taken to Yellowknife for proper disposal**

⊘ Bulky Items/Scrap Metal –**Items will be removed from the site and taken to Yellowknife for proper disposal.**

⊘ Waste Oil/Hazardous Waste – **Waste oil will be removed from site and taken to Yellowknife for proper disposal.**

⊘ Empty Barrels/Fuel Drums –
Empty drums will be flown from the site on regular service flights and at the end of the program for proper disposal in Yellowknife.

○ Other: **N/A**

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

A burn barrel will be utilized to dispose of combustibles such as food, paper, and wood.

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

Non combustible materials will flown from site on regular service flights and at the end of the program for proper disposal in Yellowknife.

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

Sumps for drill cuttings will be located at least 50 metres from any high water mark.

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

No leachate is anticipated. Monitoring not applicable.

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 and waste disposal methods such as these are commonplace in Nunavut

ABANDONMENT AND RESTORATION

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

Please see attached Abandonment and Restoration Plan

BASELINE DATA

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

No baseline studies have been conducted as work has been of a very preliminary nature and limited in scope.

- ○ 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.