P.O. BOX 119
GJOA HAVEN, NT X0E 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369
kNK5 wmoEp5 vtmpq
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Indicator Minerals Inc. Licence No: 2BE-NQN0914
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Andrea Maynes Tel: 604 331 4605 Fax: 604 331 4654
   E-mail: andream@indicatorminerals.com

2. Project Manager: Andrea Maynes Tel: 604 331 4605 Fax: 604 331 4654
   E-mail: andream@indicatorminerals.com

3. Does the applicant hold the necessary property rights?
   The proposed camp location is located on Peregrine Diamonds Ltd. claim #F97058, but is in support of the "Nanuq North" drilling program authorized by INAC Land Use Permit N2009C0005, which is currently in the final stages of camp amendment review.

4. Is the applicant an ôoperatorô for another company (i.e., the holder of the property rights)?
   If so, please provide letter of authorization.
   Indicator is operator of the 50/50 joint ventured "Nanuq North" Project with Peregrine Diamonds Ltd.

5. Duration of the Project
   [ ] Annual
   [**X**] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: **August 01, 2009** Completion: **October 30, 2014**

CAMP CLASSIFICATION

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

7. What is 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 number of people expected on site at one time is 15. Camp population will fluctuate from 10 - 15 people depending on the activities being performed. The camp will be established in 2009.

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.
The camp location is being proposed at the south end of a round lake within a massive glacial fluvial system. This location was chosen based on the proximity to a large lake that can provide adequate fresh potable water for domestic purposes at the camp.
It has also been selected based on the central location to the exploration activities and the nearness to a large, deep water body that can provide adequate fresh potable water for domestic purposes at the camp. The approximate camp location being proposed is at N 65°23'43.5" W 91°12'54.8".

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.
During the 2008 field season, some helicopter surveying was done to seek out a potential camp location, and a follow-up visit was performed July 6, 2009 to confirm that the camp location was a viable one. Please see attached photos taken from the helicopter.

11. Is the camp or any aspect of the project located on:
[x] Crown Lands Permit Number (s)/Expiry Date: _INAC N2009C0005_
[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[ ] Inuit Owned Lands Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km):
Repulse Bay is approximately 260 km NE from the proposed camp location and Chesterfield Inlet is 230 km S of the proposed camp location.

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
Community consultations were held in spring 2009 at the end of May. Communities visited were Rankin Inlet, Repulse Bay, Chesterfield Inlet, Taloyoak, Kugaaruk and Gjoa Haven.

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. Any camp activities will be conducted at least 31 m away from the high water mark of any stream, river or lake.

15. ⦸ Mining ï **Exploration – drilling, soil sampling, mapping, geophysical surveys**
○ 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: ___

18. Drilling Activities ***(not applicable as no changes are proposed to the drilling program under NWB Licence No. 2BE-NQN0914 and is not within the scope of this amendment)***
- ○ 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.
A Spill Contingency Plan was submitted with the original Water Board application. It has been amended to include remote camp operations as is attached to this amendment for review.

24. How many spill kits will be on site and where will they be located?
There will be one spill kit at camp, one at the drill and one at each fuel cache location. In addition there will also be a minimum of one empty fuel drum located at each fuel cache for use in the event of a leaking or damaged fuel drum. Additional spill pads will be available at each fuel cache. As well, spill pads will be stored in closed pails and located behind the tents at camp.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
Please refer to the attached Spill Contingency Plan attached with this amendment. MSDS sheets have been submitted with the original Licence application and there are no changes to materials requiring MSD Sheets.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
For the purpose of this camp amendment application, the water sources is a lake centered at N 65°23'34" by W 91°12'20".

27. Estimated demand (for camp amendment only):

- ⦸ Domestic Use: **8 cubic m/day** Water Source: **name of lake unknown, see map**
- ○ 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 water intake for camp will be facilitated using a submersible pump with a filtered intake that complies with DFO guidelines for screens to prevent the entrainment of fish.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
Yes, one sample will be taken when mobilizing the camp, with the possibility of further sampling if necessary. Tests will be conducted with a field test kit and will be standard water examinations for the various types of coliform bacteria.

30. Will drinking water be treated? How?
If necessary, depending on the test results, water may be chlorinated and/or shocked with bleach.

31. Will water be stored on site?
Yes, there will be a tank located at the campsite for the domestic purposes (approximately 150 gallons).

WASTE TREATMENT AND DISPOSAL

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

- ⦸ Camp Sewage (blackwater) ï **0.02 cubic metres/day**
  - disposal method – pacto toilets; either remove from site or incinerate on site

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- ⦸ Camp Greywater ï **3 cubic metres/day**
  - disposal method - sump

⊗ Solid Waste – **minimal amount anticipated**
- disposal method – incineration if appropriate or removed from site

⊗ Bulky Items/Scrap Metal ï **minimal amount anticipated**
- disposal method – removed from site

⊗ Waste Oil/Hazardous Waste ï **minimal**
- removed from site with a Waste Manifest

⊗ Empty Barrels/Fuel Drums
- removed from site on a regular basis

○ Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?
Food waste, solid waste and other combustibles will be incinerated via a diesel-fuelled incinerator.

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
Non-combustible, inert waste is anticipated to be minimal. It will be removed from site and taken to Rankin Inlet. Disposal of non-combustible waste in the Rankin Inlet landfill will not occur without consent from the municipality. A request to this effect will be submitted when necessary and any correspondence will be forwarded.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).
All sumps will be located at a minimum of 31 metres from the normal high water mark of any water body including streams.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
Visual inspections of the camp sump will be conducted daily. In the event that any leaching is observed, the INAC Water Resource Officer will be contacted immediately.

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?
The treatment and disposal methods being proposed are currently in practice across the north and follow the regulated guidelines and accepted methods. The current contingency plan at this time is mitigation (safe distance for disposal in sumps, shipping off site any hazardous chemicals/scrap metal/non-combustible waste, etc.) and monitoring. Should there be any concerns, the INAC Water Resource Officer will be notified immediately.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.
Please see attached "Abandonment & Restoration Plan". The Plan includes seasonal shutdowns as well as final closure, and has been amended to include remote camp operations.

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.