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Tel: (867) 360-6338 NUNAVUT WATER BOARD
Fax: (867) 360-6369 NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Ashton Mining (Northwest Territories) Ltd. **Licence No:** _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: _____ Tel: _____ Fax: _____ E-mail: _____

2. Project Manager: Jeff Ward Tel: (604) 983-7750 Fax: (604)987-7107 E-mail: _____

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: July 1/00 Completion: Sept. 30/02

CAMP CLASSIFICATION

6. Type of Camp
   - ○ Mobile (self-propelled)
   - ○ Temporary
   - ☒ Seasonally Occupied: July to September
   - ○ 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?

   8 to 12 employees

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

   Ashton has been using this camp on a seasonal basis since July 18, 1997

CAMP LOCATION

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

Ashton has established the campsite on an esker/sandy beach on the south shore of Kiglikavik Lake (please refer to enclosed 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 location of the camp was selected based on ease of access, and area of least disturbance or impact. This camp location was approved by Sandra Bradbury at DIAND on July 31, 1997.

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

- ☒ Crown Lands — Permit Number (s)/Expiry Date: LUP #N97J781 – expires July 30, 2000
- ○ Commissioners Lands — Permit Number (s)/Expiry Date: _____
- ○ Inuit Owned Lands — Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km):

150 kilometers southeast of Kugluktuk.

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

No, as it is short-term seasonal work only.

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?

Minimal quantities of water will be drawn from Kiglikavik Lake as potable water for camp use and no sewage or greywater will be discharged to the lake. Therefore, there should be no significant impact on traditional water use or fish and wildlife habitats.

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 – not applicable

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.

Please refer to the document "Additional Information to Accompany Application" enclosed in this application package.

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

One spill kit is located near the fuel storage. The spill kit is a 45-gallon drum containing shovels, fuel absorbent pads and 20 kilograms of granules.

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

Maximum quantities of fuel stored at the site will be: five full 45-gallon drums of diesel, twenty full 45-gallon drums of Jet B and five full 100-pound tanks of propane. Fuel will be stored at least thirty meters away from drainage systems and bodies of water and, whenever possible, in natural sumps.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Small amounts of water would be drawn from Kiglikavik Lake.

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

- ☒ Domestic Use: 275 to 410 L/day Water Source: Kiglikavik 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:

Water would be drawn using a 0.5 horsepower electric pup contained within a standard bucket. The pump unit would be covered with a one-millimeter mesh screen to prevent entrapment of aquatic life in the system.

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?

No fresh water will be stored on site. Greywater will be deposited in a sump, which will be located at least thirty meters from drainage systems and water bodies. The sump will be restored to the natural contours of the land prior to expiry of the permit.

WASTE TREATMENT AND DISPOSAL

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

- ○ Camp Sewage (blackwater)

outhouse used for sewage and treated with lime

- ○ Camp Greywater

deposited in a sump and treated with lime

- ○ Solid Waste

combustible waste will be properly stored and incinerated daily in a screen-covered barrel; ashes are shipped out with non-combustible waste

- ○ Bulky Items/Scrap Metal

non-combustible waste will be removed from the site by aircraft and taken to the landfill in Yellowknife

- ○ Waste Oil/Hazardous Waste

waste oil is removed from the site and taken to a depot in Yellowknife

- ○ Empty Barrels/Fuel Drums

empty barrels and drums are removed from the site by aircraft and return to the supplier

- ○ Other:

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

A screen-covered barrel is used to incinerate combustible camp waste.

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

Non-combustible waste will be disposed of in a landfill in Yellowknife.

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

The sump is located at least 30 meters from any water bodies and 10 meters away from camp facilities. It is approximately one cubic meter in volume.

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?

Not applicable as the camp will only be used during summer field seasons.

ABANDONMENT AND RESTORATION

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

Upon completion of Ashton's campsite operations, all materials and equipment will be removed from the site and all sumps will be restored to the natural contours of the land. Any lands affected by Ashton's operations will be restored, to the most reasonable extent possible, to their original state.

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:

No baseline data will be collected.

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.