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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Henik Lake Adventures Licence No: _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION *Please refer to Application*

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

2. Project Manager: _____ Tel: _____ Fax: _____ E-mail: _____

3. Does the applicant hold the necessary property rights? *Application for Crown land in process to your lease with KIA.*

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 2006 Completion: on-going

CAMP CLASSIFICATION

6. Type of Camp

☐ Mobile (self-propelled)

☐ Temporary

☒ Seasonally Occupied: July - 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?

Max. 12 People

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

None - new application

Nunavut Water
Board

JUN 27 2006

Public Registry

CAMP LOCATION

October 1998

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

The camp will be located on the south side of Etchem Lake.

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 site was selected based on traditional knowledge from Elders in Arviut.

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

☒ Crown Lands Permit Number (s)/Expiry Date: In process.
☐ Commissioners Lands Permit Number (s)/Expiry Date: _____
☐ Inuit Owned Lands Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km):

120 miles South West of Arviut.

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

The Arviut HTO was informed as well as KIA in Rankin Inlet.

14. Will the project have impacts on traditional water use areas used by the nearby communities? No
 Will the project have impacts on local fish and wildlife habitats? No

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: _____
- N/A

17. Type of deposit:

- ☐ Lead Zinc
 - ☐ Diamond
 - ☐ Gold
 - ☐ Uranium
 - ☐ Other: _____
- } N/A

DRILLING INFORMATION

18. Drilling Activities

N/A

- ☐ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

N/A

20. Describe what will be done with drill water?

N/A

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.

N/A

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.

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

Absorbent matting, empty drums + Shovel
will be on site at all times.

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

20-25 Drums of Jet B/AV-Gas in 45 gal Drums.
5 Drums of Gasoline in 45 gal. Drums.
10 Drums of P-50 heating fuel in 45 gal. Drums.
5-100 LB Propane for cooking.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

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

☒ Domestic Use: 300 gals/day Water Source: 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:

The water hose will be 2-4 feet below surface of water; Screened and Secured with a buoy and anchor.

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

yes, annual inspection by health Rep.

30. Will drinking water be treated? How?

yes, chlorinated

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)

700 Ft Pipe to dispersal area

☒ Camp Greywater

700 Ft Pipe to dispersal area

☒ Solid Waste

Burnables incinerated + non-combustible waste will be flown back to Arviat + disposed of

☒ Bulky Items/Scrap Metal

Removed from site

☒ Waste Oil/Hazardous Waste

Removed from site

☒ Empty Barrels/Fuel Drums

Removed from site

☐ Other:

Arviat
land-fill

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

burning barrel - Paper, cardboard, etc.

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

10-15 Bags of waste/garbage at end of season.

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

700 ft from camp in a natural depression sloped away from the lake.

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

No. minor

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 same methods/systems will be in place for

ABANDONMENT AND RESTORATION

remote camp operations, similar to exploration/Tourism Camps located in Nunavut.

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

Minimal impact. Once camp is not in use, we will remove + clean up camp entirely.

BASELINE DATA

The camp location will be leased from DIAND. (1 hectare)

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

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.