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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: _Canadian Arctic Holidays Ltd___Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Richard Weber__Tel: 819 459 1794__ Fax: ____none___E-mail:__mail@CanadianArcticHolidays.ca

2. Project Manager:__same_____Tel: _____ _____Fax: _____ _____E-mail: _____

3. Does the applicant hold the necessary property rights? Fed Lease

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

   ☐ One year or less Start and completion dates: _ _____
   X☐ Multi Year:

   If Multi-Year indicate proposed schedule of on site activities
   Start: 1991 Completion: ____none planned_____

CAMP CLASSIFICATION

6. Type of Camp

   ☐ Mobile (self-propelled)
   ☐ Temporary
   ☐X Seasonally Occupied: _June 20 to Aug 20_____
   ☐ Permanent
   ☐ Other:_____

7. What is the design, maximum and expected average population of the camp? Max design is about 45 people. Average population is 25 to 30

8. Provide history of the site if it has been used in the past. This camp was set up for whale watching in 1991.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies. Camp is located on the edge of Cunningham River delta about 1.5 km from the ocean.

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.
Previous owner – presumably the site was chosen because it was suitable. Coordinates are 74 degrees 4.31 minutes North and 93 degrees 48.66 minutes west.

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

☒	Crown Lands	Permit Number (s)/Expiry Date: 058F02001
☐	Commissioners Lands	Permit Number (s)/Expiry Date: _____
☐	Inuit Owned Lands	Permit Number (s)/Expiry Date: _____

12. Closest Communities (direction and distance in km): Resolute Bay - 80 km

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work? Camp is operating, has been since 1991, nothing is proposed or planned.

14. Will the project have impacts on traditional water use areas used by the nearby communities? No

15. Will the project have impacts on local fish and wildlife habitats? No - this is a tourist wildlife viewing camp, it is in our interest not to disturb wildlife

PURPOSE OF THE CAMP

16.
- ☐ Mining (includes exploration drilling)
- ☒ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- ☐ Other _____

17. Activities (check all applicable)

- ☐ Preliminary site visit
- ☐ Prospecting
- ☐ Geological mapping
- ☐ Geophysical survey
- ☐ Diamond drilling
- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ☐ Other: _____

18. Type of deposit (exploration focus):

- ☐ Lead Zinc
- ☐ Diamond
- ☐ Gold
- ☐ Uranium
- ☐ Other: _____

DRILLING INFORMATION

19. Drilling Activities

- ☐ Land Based drilling
- ☐ Drilling on ice

20. Describe what will be done with drill cuttings?

21. Describe what will be done with drill water?

22. 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.

23. Will any core testing be done on site? Describe.

SPILL CONTINGENCY PLANNING

24. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002*. Please include for review. All fuel transfer locations have an impermeable plastic lining to catch any spills. We have spill mat pads on hand to clean up any spills. Spill plan is attached to Water Board application

25. How many spill kits will be on site and where will they be located? One in the garage, one near re-fueling stations

26. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets. We have gasoline and diesel fuel in 45 gal drums. We have one 300 gal fuel oil tank. The number of drums on hand vary. Total use for the season is about 10 drums of gasoline and 20 drums of diesel / fuel oil. There is a limited amount of engine oil stored in original plastic containers in the garage.

WATER SUPPLY AND TREATMENT

27. Describe the location of water sources. The camp is located on the bank of the Cunningham River about 10 to 20 metres from the water

28. Estimated water use (in cubic metres/day):

- ☐ Domestic Use: 3.6 Water Source: River
- ☐ Drilling: _____ Water Source: _____
- ☐ Other: _____ Water Source: _____

29. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see *DFO 1995, Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe: There are no fish in the river. There is a screen to prevent sand and small stones. Water is pumped from the river with an electric pump in to plastic holding tanks.

30. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency? Water has been used since 1991 with no incidents of any kind. INAC analyzed the water in 2008.

31. Will drinking water be treated? How? No – not necessary

32. Will water be stored on site? In plastic holding tanks

WASTE TREATMENT AND DISPOSAL

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

☐ Camp Sewage (blackwater) Sewage is mulched and put in small lagoon (2 meters by 4 meters.

☐ Camp Greywater Grey water is returned to the river via a gravel / sand sump

☐ Solid Waste burnable waste is incinerated

☐ Bulky Items/Scrap Metal Non burnable is returned to Resolute or Yellowknife

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☐ Waste Oil/Hazardous Waste Waste fuel in incinerated

☐ Empty Barrels/Fuel Drums returned to Resolute or Yellowknife

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☐ Other: Batteries are returned to Yellowknife

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34. Please describe incineration system if used on site. What types of wastes will be incinerated? All burnable waste is incinerated. The incinerator is made from 3 drums welded together. It has is fueled with pressurized diesel and compressed air.

35. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted? Non burnable garbage is put in the garbage of Resolute or Yellowknife. This amount is an average of 3 bags per week.

36. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable). The sump is located near the side of the river. Its volume is about 3m x 1.5 m x 1.0 m deep

37. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency? This is a new installation. It has been visually inspected by INAC.

OPERATION AND MAINTENANCE

38. 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? This is a summer operation only. The black water system has been in use for almost 20 years. The water from the river has been used for drinking (untreated) for the same length of time. The grey water sump is new. We will moniter to see how well it works.

ABANDONMENT AND RESTORATION

39. Provide a detailed description of progressive and final abandonment and restoration activities at the site. There are no plans to abandon this site. An abandonment plan is attached to application.

BASELINE DATA

40. 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

41. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:

- ✓ ARTICLE 13 – *NCLA -Nunavut Land Claims Agreement*
- ✓ NWNSRTA – *The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002*
- ✓ *Northwest Territories Waters Regulations, 1993*
- ✓ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ✓ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ✓ RWED – *Environmental Protection Act, R-068-93- Spill Contingency Planning and Reporting Regulations, 1993*
- ✓ RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
- ✓ NWTWB - Guidelines for Contingency Planning
- ✓ *Canadian Environmental Protection Act, 1999 (CEPA)*
- ✓ *Fisheries Act, RS 1985* - s.34, 35, 36 and 37
- ✓ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ✓ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ✓ Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987
- ✓ Public Health Act - Camp Sanitation Regulations
- ✓ Public Health Act - Water Supply Regulations
- ✓ *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2006