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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE

Applicant: B&J Fly-Fishing Adventures **Licence No:** _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: **William Lyall**
   Tel:**867) 983-2544** Fax: **(867) 983-2203**
   E-mail: jesslyall@polarnet.ca

2. Project Manager: ___see above___ Tel: _____Fax: _____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)? **No**
   If so, please provide letter of authorization.

5. Duration of the Project
   [ ] Annual
   [**X**] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: **2005** Completion: **On-Going Activity (five year license requested)**

CAMP CLASSIFICATION

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

20 person, seasonally operated, camp (maximum occupancy)

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

Camp location has been previously occupied by the Lyall Family of Cambridge Bay, Nunavut, on a seasonal basis.

CAMP LOCATION

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

Camp is located at Ekaluk River (for a time known as "Ferguson River"), 40 nautical miles from Cambridge Bay, Nunavut. The camp is located on Inuit Owned Land (IOL) Parcel CB-38/77 (Latitude: 69° 23'N; Longitude: 106° 13'W). The required permit application has been submitted to the Kitikmeot Inuit Association. The camp is located on a gently-sloping area, approximately 150 m from the Ekaluk River.

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.

Camp location selection based on individual Inuit Qaujimajatuqangit (IQ). See attached map for location.

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

[ ] Crown Lands Permit Number (s)/Expiry Date: _____
[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[**X**] Inuit Owned Lands Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km):

Cambridge Bay (40 nautical miles)

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

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?

The Project will not affect traditional water use, nor will it negatively impact fish and/or wildlife habitat.

PURPOSE OF THE CAMP

15. ○ Mining
X 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?

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.

See attached B & J Fly-Fishing Adventures Spill Contingency Plan (2005)

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

See attached B & J Fly-Fishing Adventures Spill Contingency Plan (2005)

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

See attached B & J Fly-Fishing Adventures Spill Contingency Plan (2005)

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Water source for the camp will be the Ekaluk River.

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

- ○ Domestic Use: **100 L/person/day** Water Source: **Ekaluk River**
- ○ 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 pump intake will be equipped with a screen, with a mesh size sufficient fine so as to prevent the entrainment of fish. Pumping rates will be sufficiently low so as to prevent the impingement of fish on the pump intake screen.

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

Drinking water quality will be monitored monthly, for both chemical and microbiological quality, in accordance with the *Camp Sanitation Regulations*.

30. Will drinking water be treated? How?

Should monitoring results indicate the necessity of treatment, water will be treated by batch chlorine addition to maintain a chlorine residual, as required by the *Camp Sanitation Regulations*.

31. Will water be stored on site?

Water will be stored on site in a 45 gallon plastic tank.

WASTE TREATMENT AND DISPOSAL

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

X Camp Sewage (blackwater)

Sewage will be managed by pit toilets, located operated in a manner consistent with that of pit toilets at other exploration and tourism camps currently licensed by the Nunavut Water Board (NWB).

X Camp Greywater

Camp greywater will be discharged to a sump located greater than 100m above the ordinary high water mark of any adjacent water body, at a site where direct flow into a water body is not possible and no additional impacts are created. This sump will be operated in a manner consistent with that of sumps at other exploration and tourism camps currently licensed by the Nunavut Water Board (NWB).

X Solid Waste

Combustible solid waste will be incinerated daily in a modified 45 gallon drum incinerator. Non-combustible waste will be backhauled to an approved Solid Waste Disposal Facility operated by the Hamlet of Cambridge Bay.

○ Bulky Items/Scrap Metal

○ Waste Oil/Hazardous Waste

○ Empty Barrels/Fuel Drums

○ Other:

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

Combustible materials will be incinerated in a modified 45 gallon drum. Non-combustible wastes will be backhauled to an approved Solid Waste Disposal Facility operated by the Hamlet of Cambridge Bay

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

See above. Non-combustible waste will be backhauled to Cambridge Bay.

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

Limited amounts of greywater will be discharged to a sump located greater than 100m above the ordinary high water mark of any adjacent water body, at a site where direct flow into a water body is not possible and no additional impacts are created. The greywater disposal sump will be operated in a manner consistent with that of sumps at other exploration and tourism camps currently licensed by the Nunavut Water Board (NWB).

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

Leachate will not be generated by the greywater disposal sump, so monitoring will not be required.

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?

As stated above, the greywater disposal sump will be operated in a manner consistent with that of sumps at other exploration and tourism camps currently licensed by the Nunavut Water Board (NWB). No significant O & M issues have been reported with this method of greywater management. A Spill Contingency Plan is included with this application.

ABANDONMENT AND RESTORATION

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

See attached Abandonment and Restoration (A&R) Plan for the B & J Fly-Fishing Adventures Camp Facility (2005).

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.