9

P.O. Box 119
Gjoa Haven, NU X0B 1J0
Tel: (867) 360-6338
Fax: (867) 360-6369

ᓄᓇᕗᑦ ᐃᒪᓕᕆᔨᑦ ᑲᑎᒪᔨᖏᑦ
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: WAYNE POLLARD **Licence No:** ____________ (For NWB Use Only)

ADMINISTRATIVE INFORMATION

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

2. ~~Project Manager:~~ PRINCIPAL RESEARCHER Tel: 514 398 4454 Fax: 514 398 7437 E-mail: wayne.pollard@mcgill.ca

3. Does the applicant hold the necessary property rights? NO

4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization. NA

5. Duration of the Project

   - [ ] One year or less
   - [x] Multi Year:

   Start and completion dates: ON GOING RESEARCH

   If Multi-Year indicate proposed schedule of on site activities
   Start: JUNE 1, 2010 Completion: SEPT 2014

CAMP CLASSIFICATION

6. Type of Camp

   - [ ] Mobile (self-propelled)
   - [x] Temporary
   - [ ] Seasonally Occupied: __________
   - [ ] Permanent
   - [x] Other: FLY CAMP

7. What is the design, maximum and expected average population of the camp?
   4 small (1 person) tents + 1 4 person cook tent

8. Provide history of the site if it has been used in the past.
   NONE

CAMP LOCATION

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

THE CAMP WILL BE ON FLAT GROUND 100 m FROM SEASONAL STREAM

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.

SITE SELECTION BASED ON ~~[illegible]~~ PRESENCE OF GROUND ICE FEATURES. NO PREVIOUS USE.

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

RESEARCH LICENCE # 02 053 10R-MC

- [x] Crown Lands — Permit Number (s)/Expiry Date: NA
- [ ] Commissioners Lands — Permit Number (s)/Expiry Date: _____
- [ ] Inuit Owned Lands — Permit Number (s)/Expiry Date: _____

12. Closest Communities (direction and distance in km):

GRISE FIORD – 400 KMS

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

YES, + THROUGH NIRB REVIEW OF RESEARCH LICENCE.

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

PURPOSE OF THE CAMP

15.
- [ ] Mining (includes exploration drilling)
- [ ] Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- [x] Other RESEARCH

16. 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: MAPPING PERMAFROST

17. Type of deposit (exploration focus):

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

DRILLING INFORMATION

18. Drilling Activities NA

- ☐ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

NA

20. Describe what will be done with drill water?

NA

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.

NA

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

NA

SPILL CONTINGENCY PLANNING

23. 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.

NOT APPLICABLE.

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

1

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

NO FUEL OR CHEMICALS STORED

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

NEARBY STREAM

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

- [X] Domestic Use: _____ Water Source: _____
- [ ] Drilling: _____ Water Source: _____
- [X] Other: DRINKING Water Source: WILL BRING IN

28. 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:

NA

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

NA

30. Will drinking water be treated? How?

DRINKING WATER WILL BE FROM A (BOTTLED) SOURCE

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)

< 1 GAL/DAY — WILL BE REMOVED

☑ Camp Greywater

< 1 GAL/DAY — SMALL. SUMP

☑ Solid Waste

PAPER + WRAPPERS — WILL BE REMOVED

☐ Bulky Items/Scrap Metal

NA

☐ Waste Oil/Hazardous Waste

NA

☐ Empty Barrels/Fuel Drums

NA

☐ Other:

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

NA

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

EUREKA WEATHER STATION — YES

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

SUMP > 100 m FROM NEAREST STREAM

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?

NA

ABANDONMENT AND RESTORATION

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

Low impact
7-9 day camps - all tents + materials will be removed

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

- [x] 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: permafrost + ground ice

REGULATORY INFORMATION

40. 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 2000