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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: WAYNE POLLARD Licence No: _____
(For NVB Use Only)

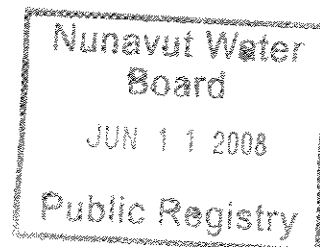
ADMINISTRATIVE INFORMATION

1. Environment Manager: _____ Tel: _____ Fax: _____ E-mail: _____
2. PRINCIPAL RESEARCHER ✓
Project Manager: _____ Tel: 514 398-4454 Fax: 514 398 7437 E-mail: wayne.pollard@mcgill.ca
3. Does the applicant hold the necessary property rights? - LAND USE PERMIT
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
☒ Multi Year: _____ Start and completion dates: ON-GOING RESEARCH

If Multi-Year indicate proposed schedule of on site activities
Start: _____ Completion: _____

CAMP CLASSIFICATION

6. Type of Camp
☐ Mobile (self-propelled)
☐ Temporary
☒ Seasonally Occupied: _____
☐ Permanent
☐ Other: _____



7. What is the design, maximum and expected average population of the camp?
occupation usually 4-8 persons - average 5, max 10-14.
8. Provide history of the site if it has been used in the past.
McGill Arctic Research Station was created in 1960

CAMP LOCATION

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

CAMP IS ON A FLAT PLAIN ADJACENT TO A LARGE GLACIAL OUTWASH PLAIN IN AN AREA OF TUSsock TUNDRA.

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 SITE WAS SELECTED FOR CONVENIENCE OF ACCESS TO RESEARCH SITES.

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



Crown Lands

Permit Number (s)/Expiry Date:

N2006N0028 / AUG/08



Commissioners Lands

Permit Number (s)/Expiry Date:

under renewal



Inuit Owned Lands

Permit Number (s)/Expiry Date:

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

GRISE FIORD ~ 400KM SE

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

YES, THROUGH THE NUNAVUT RESEARCH LICENCE PROGRAM WE HAVE PROVIDED GRISE + RESOLUTE REGULAR SUMMARIES

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
NO

PURPOSE OF THE CAMP

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



Other RESEARCH - SCIENCE RELATED TO THE

16. Activities (check all applicable)

ENVIRONMENT



Preliminary site visit



Prospecting



Geological mapping



Geophysical survey



Diamond drilling

- ☐ Reverse circulation drilling
☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
☒ Other: ENVIRONMENTAL STUDIES

17. Type of deposit (exploration focus):

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

DRILLING INFORMATION

18. Drilling Activities

- ☐ Land Based drilling NA
☐ 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.

WE HAVE SMALL AMOUNTS OF MOXIAS + DIESEL FOR GENERATORS, SKIDDOOS, HEAT

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

June 21, 2006

EACH FUEL CASH HAS A CONTAINMENT BERM + SPILL KIT

3 SPILL KITS

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

- 3 DRUMS MOGAS ALL IN PORTABLE CONTAINMENT
 - 3-4 DRUMS DISEL SYSTEMS
 - 6 DRUMS JETB

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

- GLACIAL MELTWATER STREAM ~50 to 100 m FROM CAMP
 - SMALL LAKE

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

10-100 litres
☒ Domestic Use: all day Water Source: meltwater stream
☐ Drilling: _____ 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? (see DFO 1995, *Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe:

MANUAL FILL WITH BUCKETS

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?

June 21, 2006

YES - IN A 200L WATER BARREL

WASTE TREATMENT AND DISPOSAL

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

☒ Camp Sewage (blackwater) *< 20L/day; decant, burn, remove.*

☒ Camp Greywater *WATER PIT - DECANT < 30L/day.*

☒ Solid Waste *removed at end of stay.*

☒ Bulky Items/Scrap Metal *removed at end of stay*

☐ Waste Oil/Hazardous Waste *NA*

☐ Empty Barrels/Fuel Drums *removed every opportunity*

☐ Other:

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

Only paper wastes incinerated in an empty gun barrel

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

WASTES ARE REMOVED BY POLAR CONTINENTAL SHELF.

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

KITCHEN SWAMP ~ 50-100m FROM MELT WATER 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?

YES - NO PROBLEMS -

ABANDONMENT AND RESTORATION

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

REMOVAL OF ALL MATERIALS

BASELINE DATA

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

ALREADY
SENT

- ☒ 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. 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