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NWB Licence No: NWB6BAF04099
Licence Amendment 2007

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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

**EXPLORATION/ REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE**

Applicant: Nasittuq Corporation **Licence No:**

Licence No:

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Scott Charland Tel: 613-787-9626 Fax: 613-234-2671
E-mail: Scott.Carlund@Nasittuq.com
2. Project Manager: Ivan Wawryk Tel: 613-787-3898 Fax: 613-234-2671
E-mail: Ivan.Wawryk@Nasittuq.com
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. *See attached letter of authorization.*
5. Duration of the Project

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

If Multi-Year indicate proposed schedule of on site activities
Start: 1988 Completion: TBD

CAMP CLASSIFICATION

6. Type of Camp

Mobile (self-propelled)
 Temporary
 Seasonally Occupied: _____
 Permanent
[X] Other: National Defence Long Range Radar Station

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Public Registry

7. What is the design, maximum and expected average population of the camp?

Please refer to information previously submitted.
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8. Provide history of the site if it has been used in the past.

*Please refer to information previously submitted.
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CAMP LOCATION

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

*Please refer to information previously submitted.
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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.

Based on the National Prime Mission requirements

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

<input checked="" type="checkbox"/> Crown Lands	Permit Number (s)/Expiry Date: <u>Not applicable</u>
<input type="checkbox"/> Commissioners Lands	Permit Number (s)/Expiry Date: _____
<input type="checkbox"/> Inuit Owned Lands	Permit Number (s)/Expiry Date: _____

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

*Please refer to information previously submitted.
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13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?

Not applicable

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)
[] Other National Prime Mission

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: _____

17. Type of deposit (exploration focus):

- 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. 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.

*The North Warning System/Nasittuq Spill Contingency Plan. Please refer to information previously submitted.
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24. How many spill kits will be on site and where will they be located?

*2 groups of spill kits are available on site; namely fuel spill kit and chemical spill kit.
Please refer to the information previously submitted.
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25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

*Please refer to information previously submitted.
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WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

*Please refer to information previously submitted.
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27. Estimated water use (in cubic metres/day):

*Please refer to information previously submitted.
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<input type="checkbox"/>	Domestic Use: _____	Water Source: _____
<input type="checkbox"/>	Drilling: _____	Water Source: _____
<input type="checkbox"/>	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:

*Please refer to information previously submitted.
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29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

*Please refer to information previously submitted.
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30. Will drinking water be treated? How?

*Please refer to information previously submitted.
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31. Will water be stored on site?

*Please refer to information previously submitted.
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WASTE TREATMENT AND DISPOSAL

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

Camp Sewage (blackwater)

Incinolets and occasional use of the existing sewage outfall facility.

Camp Greywater

Controlled discharge at designated location(s).

Solid Waste

Burnt in a burn bin and the accumulated ash buried at a designated landfill on site.

Bulky Items/Scrap Metal

Stockpile and retrograde

[X] Waste Oil/Hazardous Waste

Retrograde to licensed disposal facility

[X] Empty Barrels/Fuel Drums

Re-used for liquid waste

Other:

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

Not applicable

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

*Please refer to information previously submitted.
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35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).

Not applicable

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

*Please refer to information previously submitted.
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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?

*Please refer to information previously submitted.
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ABANDONMENT AND RESTORATION

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

To be determined.

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: _____

Reference: Monenco-Eyretechnics Group. October 1987. Initial Environmental Evaluation of the North Warning System Project Eleven long Range Radar Sites and the Short Range Radar Development Site. Volume One

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*