



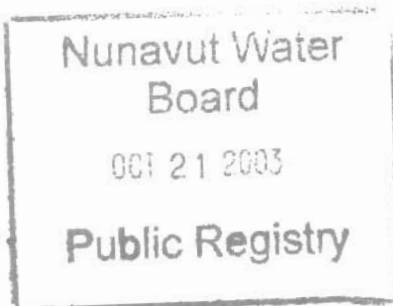
Indian and Northern
Affairs Canada
www.inac.gc.ca

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Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

October 20, 2003

Phyllis Beaulieu
Licencing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0E 1J0



Your file - Votre référence
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Our file - Notre référence

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Via facsimile

Re: FOX-M Hall Beach - Application for new water licence

On behalf of Indian and Northern Affairs Canada (INAC), I have reviewed the August 13, 2003, application of the Nasittuq Corporation for the licencing of the FOX-M Northern Warning System (NWS) Long Range Radar (LRR) site. Items of concern identified in the review of the submitted documents are as follows:

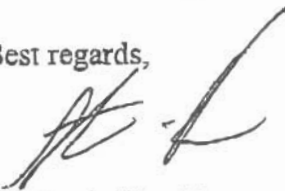
1. It is requested that the hydrometric data for the water source(s) be provided to confirm that water extraction is occurring in a sustainable manner without deleterious effects on the water source.
2. Section 8 of the Water License Application Form, and Section 32 of the Exploration/Remote Camp Supplementary Questionnaire, identify tertiary sewage treatment for the blackwater and greywater generated onsite. The following items are in need of additional information or clarification:
 - a. No plans information pertaining to a wastewater treatment facility were included in the application. Clarification is therefore requested regarding the status of this facility including the location and operation of the wastewater treatment facility. If the wastewater treatment facility infrastructure is shared with the Hamlet of Hall Beach, than this information should be identified. If the wastewater treatment facility is exclusive to FOX-M than the technical information regarding this facility and associated effluent is requested.
 - b. The contingency plan to be enacted for the disposal of wastewater in the event that the outfall does not meet the guidelines identified in Section 36 of the Exploration/Remote Camp Supplementary Questionnaire.
3. The details pertaining to the landfill and solid waste disposal are somewhat unclear in the current application. Further information is requested, including:
 - a. If the proponent is to assume full responsibility for the garbage dump identified on Site Map H-H11/2-8400-101 despite this facility existing, in part, outside of the boundaries of the proponents property.
 - b. The construction of the landfill site.

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- c. Predicted drainage patterns/volumes from the landfill site
 - d. Anticipated incorporation (or lack thereof) of solid wastes into the permafrost.
 - e. Leachate monitoring program information. It is unclear if this is to be included as part of the effluent monitoring identified in Section 36 of the Exploration/Remote Camp Supplementary Questionnaire.
 - f. Incineration is identified as a method of solid waste management in Section 8 of the Water License Application Form, whereas Section 33 of the same form states that incineration will not be used a method of disposal. Clarification is therefore requested regarding the deposit of ash, or lack thereof, from incinerated materials into the landfill site.
4. Due to the indeterminate nature of the proponents undertaking, no plans for abandonment and reclamation (A&R) plans were included in the current Water License application. It is therefore requested that the conditions under which an A&R plan will be submitted are identified.
5. The management of POLs on-site appears to be adequate, provided:
- a. All containment structures of all POL storage facilities are consistent with current standards.
 - b. Liquid waste placed in empty fuel barrels, as identified in Section 32 of the Exploration/Remote Camp Supplementary Questionnaire, is not released on site prior to treatment for hydrocarbon contamination.
6. Section 24 of the Exploration/Remote Camp Supplementary Questionnaire states that spill kit locations are denoted on site map H-H11/2-8400-103. It is requested that the locations of these kits be made more readily identifiable.

Please do not hesitate to contact me if there are any further questions or concerns.

Best regards,



Stephanie Hawkins

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