



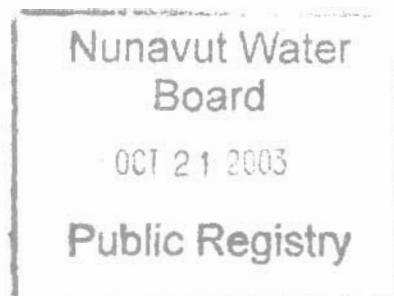
Indian and Northern
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Nunavut Regional Office
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October 21, 2003

Phyllis Beaulieu
Licencing Administrator
Nunavut Water Board
P.O. Box 119
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Your file - Votre référence
NWB5DYE
Our file - Notre référence

Via facsimile

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Re: DYE-M - Cape Dyer Project - 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 licensing of the DYE-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. Section 26 of the Exploration/Remote Camp Supplementary Questionnaire identified the lake in site map H-C75/2-8400-103 as the water source for this site. With respect to the extraction of water at the DYE-M site, clarification or additional information is requested with regard to the following items:
 - a. The water source and accompanying road on site map H-C75/2-8400-103 appear to lie beyond the proponents property boundary. If this is in fact the case, it is unclear if the present Water License application is intended to include land adjacent to that of the proponent.
 - b. It is requested that the hydrometric data be provided for the water source lake to ensure that the 16000 L annual draw will not pose any deleterious consequences to lake health.
 - c. It is unclear under what conditions and operating parameters the water supply identified in site map H-C75/2-8400-101 would be utilized.
2. The incineration of blackwater and controlled discharge of greywater appear to be appropriate for the small and temporary staffing requirements of the site. Clarification is sought, however, on the following items:
 - a. Sewer plans are identified on the H-1 DYE-MAIN Site Plan (Sheet 3 of 4). It is unclear if this sewer infrastructure has been entirely decommissioned and, if so, if any waste facilities remain on the site (i.e. effluent discharge points or abandoned lagoons).
 - b. The location of the current wastewater outfall/release site(s).
 - c. The contingency plan to be implemented 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.

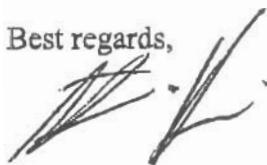
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3. With respect to the garbage dump identified in site map H-C75/2-8400-103, the following information is requested:
 - a. Description of cover contouring procedures to minimize the pooling of water.
 - b. The details of the landfill site construction.
 - c. Predicted drainage patterns/volumes from the landfill site.
 - d. Anticipated incorporation, or lack thereof, of solid wastes into the permafrost.
 - e. Anticipated leachate monitoring. 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.
4. With respect to wastewater monitoring:
 - a. It is presumed that the outfall monitoring identified in Section 36 of the Exploration/Remote Camp Supplementary Questionnaire supercedes the Section 4.3.2 of the project description, which states that no monitoring programs are to be conducted at the DYE-M site. It is requested that the information contained in these sections be harmonized.
 - b. It is requested that monitoring programs be more clearly identified for the petroleum, oil, and lubricant (POL) infrastructure. It is noted in section 4.3.1 of the project description that equipment related to the storage and transport of hydrocarbons would be "*enhanced by the implementation of an environmental protection plan for the NWS*". It is not clear if this is supplemental to the procedures identified in Section 6.2 of Annex C. Further clarification is requested.
5. 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.
6. 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.
7. Section 24 of the Exploration/Remote Camp Supplementary Questionnaire states that spill kit locations are denoted on site map H-C75/2-8400-102. It is requested that the locations of these kits be made more readily identifiable.

8. It is requested that Section 7 of the Exploration/Remote Camp Supplementary Questionnaire and the Supplementary Information Section 2.8 be made consistent in their accounting of on-site staffing.

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

Best regards,



Stephanie Hawkins

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