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Your file - Votre référence
3MB-HAL/TR/E1

Our file - Notre référence
9545-3-3HALG / CIDMS #80011

November 29, 2006

Richard Dwyer
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Nunavut Water Board
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Sent via email

Re: 3BM-HAL- Hamlet of Hall Beach - Submission of As-built and Tender for the Decommissioning of a Sewage Lagoon

On behalf of Indian and Northern Affairs Canada (INAC) I have reviewed the above-mentioned application. The following specialist advice has been provided pursuant to INAC's mandated responsibilities for the enforcement of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NW&NSRT), *Arctic Waters Pollution Prevention Act* (AWPPA), and the *Department of Indian Affairs and Northern Development Act* (DIAND Act).

On behalf of the Hamlet of Hall Beach, the Government of Nunavut's Department of Community and Government Services has submitted a construction tender and as-built design plans for the decommissioning of a sewage lagoon facility. This documentation was submitted to the Nunavut Water Board for review in accordance with Part E - Item 1 of the Hamlet's licence which requires the licensee to submit approval design drawings for the construction of earthworks designed to divert or retain water or wastes.

INAC recommends that the Nunavut Water Board take into consideration the following comments when reviewing this project's as-built and tender documents.

-The FSC Architects and Engineers as-built drawing number CSK-2 states that a ridge of granular material east of the old lagoon will be removed to ensure that drainage will occur toward Foxe Basin. INAC recommends that the Nunavut Water Board seek confirmation from the proponent that this granular material will be excavated, transferred, and deposited in a manner that will not have a detrimental effect on the quality of freshwater.

-INAC recommends that the awarded contractor be required to implement acceptable mitigation measures for the protection of freshwater quality from adverse effects associated with the excavation, transfer, and deposition of aggregate materials.

-Section 02223-2.3 of the tender package provides information on the type of geotextile to be used in this undertaking. INAC recommends that the proponent clarify its intentions of using such materials. Should the Nunavut Water Board determine that the use of geotextiles is appropriate, INAC recommends that the project tender specify that the geotextile must be new, properly packaged, and stored, and that the project engineer be responsible for overseeing its installation.

-INAC recommends that the proponent implement a project-specific spill contingency plan. This plan should be provided to the Nunavut Water Board for review.

-Section 02223-3.3 of the tender package provides information on dewatering procedures to be practiced by the awarded contractor. INAC recommends that the tender package specify the

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suspected sources of water to be transferred and specify where it is to be deposited. Water must satisfy the quality standards for sewage disposal facilities specified in Part D-Item 2 of the Hamlet's licence and should conform to Canadian Water Quality Guidelines for the Protection of Aquatic Life in freshwater environments.

Indian and Northern Affairs Canada requests notification of any changes in the proposed project, as further review may be necessary. Please do not hesitate to contact me if you have any questions or comments with regards to the foregoing.

Sincerely,

Original signed

David W. Abernethy
Water Resources Coordinator

Cc. Jim Rogers - Manager of Water Resources, Indian and Northern Affairs Canada, Iqaluit