



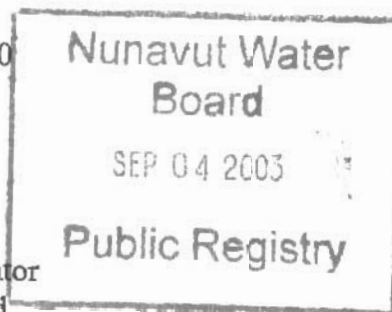
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Nunavut Regional Office
P.O. Box 100
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September 4, 2003

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



Your file - Votre référence
NWB4HAL
Our file - Notre référence

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Via facsimile

Re: NWB4HAL - Hydrostatic testing at Hall Beach

The application by Mosher Engineering Ltd. for hydrostatic testing at Hall Beach was reviewed, and the following items of concern were identified:

- I. No Tank 11 appears on Sketch 1 provided by the proponent. It was presumed that the proponent was referring to "new tank - diesel" (TK2), identified in the diagram, as the second new fuel tank mentioned.
- II. Some ambiguities were identified in the treatment description for the water used in hydrostatic testing. The barrel used to hold the hydrophobic pads was described as "full of holes". It is unclear as to the location of these holes, and if not already the intent of the proponent, it is recommended that the holes be located at the bottom of the barrel such that contact time and surface area between the water and hydrophobic pads is maximized. Furthermore, there was no identification of the expected percent removal of targeted constituents from the water, of the conditions that would be of relevance in achieving these targets (i.e. flow rate, total removal capacity, anticipated contamination of water to be treated), or of the anticipated concentrations of toxic constituents in the treated water. In the absence of calculated performance expectations for the treatment system, it is recommended that testing and confirmation of treated water quality be conducted prior to its further release. It is presumed that following water treatment, the hydrophobic pads will be discarded of in an appropriate manner such that availability of the contaminants contained therein to water systems is minimized.
- III. Contingency measures, in the event of accidental spills or failure of the tanks during testing, were not identified in the proposal.
- IV. No reference regarding the methods for the tank cleaning and degassing procedure were provided. If these procedures constitute a source of wastewater production, a treatment plan for this wastewater should be provided.

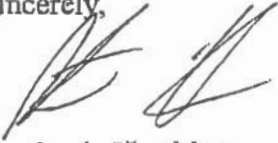
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With the exception of the ambiguous nature of the items mentioned above, the proposal was considered generally sound with regard to appropriate water use and disposal practices. Further clarification of these items, however, may be of use prior to water board approval.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Stephanie Hawkins', with a stylized flourish at the end.

Stephanie Hawkins
Qikiqtani Regional Coordinator, Water Resources
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