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July 6, 2016

Nunavut Water Board P.O. Box 119, Gjoa Haven, Nunavut X0B 1J0

Attention: Manager of Licensing E-mail: licensing@nwb-oen.ca

Dear Nunavut Water Board,

Re: Environmental Waste Processing Facility Iqaluit Project, File #: 1BR-THI1419

Upon review of the documentation regarding the waste treatment facility a number of concerns were noted.

Waste petroleum is proposed to be incinerated at some point in the future. Currently an incinerator is not present and there is no plan to incinerate waste petroleum on site. Should the applicant decide to install an incinerator in the future, the Department of Health would like to review the proposed operation and potential emissions from the incinerator.

Ground water testing wells are present on the site to monitor any potential contamination from the waste treatment facility. Results from the wells should be provided to the regulators upon analysis and also be included in an annual report available for review.

Transporting waste to the waste treatment facility comes with some inherent risks on the road. It is suggested that a transport plan and spill response plan be adopted by the applicant to prevent spills during transport and deal with a potential spill should an accident occur.

Residences are located in very close proximity to the facility. The General Sanitation Regulations do not permit waste to be disposed of within 450 metres of any building used for human occupancy. The applicant is proposing a waste treatment facility, not a waste disposal facility and thus does not fall within the regulation. Regardless, it is suggested that the applicant perform air monitoring prior to commencement of operation, during the active use of the site and during the dormant use of the site in an effort to determine if the site operation is impacting any residences.

Iqaluit
Public Health Unit
Building 1091
Box 1000,
Igaluit, Nunavut
X0A 0H0
Phone (867) 975 4800
Fax (867) 975 4833



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Department of Health
Munaqhiliqiyitkut
Ministère de la Santé

I may be contacted by email at <a href="mailto:gthibault@gov.nu.ca">gthibault@gov.nu.ca</a> or by phone at 867 975 4817 should you require any further information on the above items.

Respectfully,

**Greg Thibault** 

**Environmental Health Officer** 

Email copy

-Olivier Simard, Project Manager, Qikiqtaaluk Environmental

-Michele Leblanc-Havard, EHS, Department of Health

Fax (867) 975 4833