

From: Phyllis Beaulieu [licensing@nwb.nunavut.ca]

Sent: Sunday, December 19, 2004 9:44 AM

To: Susie Ikkutisluuk

Subject: FW: Proposed Soil Treatment Facility, Kugaruuk, NU

For your action, Susie. Hope all is well. If you need to follow up on this one, contact Jim. Call me so I can give you the address to mail my new Diners Card. 902-462-6616. Also pass this phone number on to Raj and Walter.

From: Ediger, David [mailto:David.Ediger@Wardrop.com]

Sent: Thu 12/9/2004 12:18 PM

To: Phyllis Beaulieu

Cc: Stone, Lorne

Subject: Proposed Soil Treatment Facility, Kugaruuk, NU

Phyllis Beaulieu:

Wardrop Engineering had previously submitted a Water Licence Application Form in regard to the soil treatment operation in the vicinity of the Hamlet of Kugaruuk. In your e-mail message of Nov. 10 to Lorne Stone and Mr. Rozitis you requested that the application be re-submitted on the updated form and that the municipal questionnaire be completed. I have been assigned the task of completing these forms, but before I finalize them I have a couple of questions.

1. I have reviewed the previous file information here but I want to be sure that I fully understand how this operation fits into your water licensing process. The run-off impoundment area is designed to hold any precipitation that falls on the footprint of the soil treatment cell. This is the only volume of water associated with this project. Under your definitions, does this constitute a "use of water"?

2. The impounded water will have been in contact with hydrocarbon contaminated soil in the treatment cell for a brief period and, therefore, the water may have picked up low concentrations of contaminants. There is no continuous discharge of water from the impoundment area and the area is sized to hold one year's precipitation. The impounded water would be tested for applicable parameters before design capacity is reached. If water quality is acceptable, the water would be released either to the local drainage system or to the adjacent wastewater lagoon. If contaminants are found above the water quality criteria applied by Nunavut, we are proposing that the water be sprayed over the soil treatment cell. This recirculation within the closed system would promote evaporation and volatilization of any contaminants in the water. Based on this information, does this soil treatment facility and run-off impoundment meet the definition of "depositing waste" as described in your information guide for water licensing?

The reason for these questions is firstly to make sure that this project falls within the scope of your water licensing process and secondly that we provide the appropriate information to allow your organization to assess the project properly

I had called your office this morning and was told that you were away until Monday. Obviously this was too much information to put in a voice mail message so I hope this message will be OK. Please call me if you would prefer to discuss this matter directly. Otherwise I will finalize the application and questionnaire (if required) as soon as I receive the reply to this message.

Thanks

David Ediger, P.Eng.
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