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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: 3AM-IQA0611

October 16, 2006

Michèle Bertol
Director of Planning and Lands
City of Iqaluit
P.O. Box 460
Iqaluit, NU, X0A 0H0

Re: Current Compost Project in the City of Iqaluit's Solid Waste Site

Dear Ms. Bertol:

The following letter is the written clarification, in response to your email request on October 13, 2006 and our teleconference on October 16, 2006 regarding the Bill Mackenzie Humanitarian Society's composting project within the City's solid waste site.

The clarification provided in this letter relates solely to continuing operation of the compost project within the City's solid waste site, this advice is not valid for a new site.

An amendment to water licence, 3AM-IQA0611 is not required to continue operating the compost project at the City's solid waste site because the City is authorized by the Nunavut Water Board (NWB) to dispose and contain municipal solid waste at the West 40 Landfill site under Part E, Item 9.

Under Part E, Item 11 of the Licence, the NWB approved City's O&M Plan for the solid waste site and instructs the City to implement the O&M Plan at the site. The approved O&M Plan does not include operation of the composting facility within the solid waste site. Therefore, when the City undertakes the annual review of the approved O&M Plan, as per Part E Item 12, operation of the composting project shall be included as an addendum to the approved O&M Plan as part of the Annual Report requirements Part B, Item 1. The NWB would like to point out that all operation changes, submitted as an addendum, are subject to Board approval as per Part E, Item 12. The NWB recommends that the City look at the approved O&M Plan for guidance on the level of detail and information required for the addendum.

Another area of concern the City raised with respect to the composting project was leachate. The City is required, under Part E, Item 16, to collect and contain all leachate within the West 40 Landfill. There are also other terms and conditions relating to discharge of effluent from the solid waste site as well as the requirement to submit a Drainage Improvement and Management Design and drawings for the solid waste site under Part F, Item 10. The NWB views leachage

management from the perspective of control of water within the site and discharge of effluent from the site to ensure the protection of freshwater. How leachate from the composting project is managed within the site is for the City to decide so long as it is collected and contained and any release of effluent from the site meets the discharge criteria in the Licence.

During the teleconference, it was determined that operational issues between the City and BMHS need to be resolved between those two parties. These include, but are not limited to, the development of the addendum to the O&M Plan and management of leachate from the composting facility.

I trust that this letter clarifies the questions the City had regarding the composting facility and how it would affect the City's water licence. Should the City or any other parties copied on this letter have any questions regarding this or any other issue, please feel free to contact the NWB or the INAC Inspector.

Yours truly,
Original Signed By

Sarah Gagné, EIT.
Technical Advisor

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