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Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU
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Re: Iqaluit Landfill Water Management Improvements

Dear Ms. Beaulieu

On July 30th, 2009, during a routine inspection with the INAC Water Resources Officer, numerous leaks were noticed coming from the bottom of southeast berm at the West 40 Landfill. These leaks were allowing water from runoff control ponds to seep into the perimeter ditch on the outside of the berm.

The INAC Water Resources Officer instructed the City to take immediate steps to mitigate the situation and minimize the environmental impact of the release. In response, the landfill foreman blocked the perimeter ditch culvert to contain the landfill runoff in the perimeter ditch. The landfill runoff was then pumped from the ditch to the off-site runoff detention pond. Next, the City of Iqaluit had the blocked culvert reinforced and had the ditch excavated to provide more area for containment.

On September 9th, 2009, it was noticed that there was a break in an old discharge culvert, which allowed the water from the runoff collection ponds to empty into the same perimeter ditch described above. Fortunately, the majority of the runoff was contained due to the fact that the perimeter ditch culvert had already been blocked off.

The City of Iqaluit was directed by the INAC Water Resources Officer to prepare a report that identifies the water management improvements required at the landfill site. The City retained the services of AECOM to write a report that outlines the actions necessary to prevent future uncontrolled discharges from happening in the future. The attached report proposes both conveyance system improvements and onsite runoff storage improvements at the landfill.

The City of Iqaluit anticipates that these improvements will be implemented during the summer of 2010. Please accept this letter as notification of our intent to carry out the modifications outlined in the attached AECOM report dated November 6, 2009.

Sincerely,

Meagan Leach

Meagan Leach
Acting Director of Engineering
City of Iqaluit

Encl.