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Phyllis Beaulieu Manager of Licensing Nunavut Water Board P.O. Box 119 Gjoa Haven, Nunavut XOB 1J0

RE: Improvements to Runoff Management for West 40 Landfill Site in the City of Iqaluit

Dear Ms. Beaulieu:

In accordance with The Nunavut Water Board License No. 3AM-IQA0611 Part G: Conditions Applying to Modification, the City of Iqaluit is submitting the attached design package for modifications to the runoff management system at the West 40 Landfill Site.

The modifications are in response the concerns expressed by the INAC Water Resource officer about the runoff management in the south east corner of the landfill, which encompasses an onsite runoff detention pond and the associated perimeter drainage control berm structure. In particular, concerns were expressed regarding the movement of runoff through the berm structure and the occasional breaching of the berm from accumulated runoff overtopping the berm.

The overall approach that the City of Iqaluit is taking to address this problem is to increase the berm structure in terms of size (height and width), and install a membrane liner on the interior of the berm structure (See attached design drawings). This work will extend from the existing higher berm (elevation 16 metres) on the south side of the landfill site, to the existing higher berm near the northeasterly section of the landfill.

These improvements will address the concerns regarding the movement of runoff through the berm structure and the occasional breaching of the berm from accumulated run off overtopping the berm.

Please review and comment on the attached design package, the proposed start date for construction is September 1, 2011. If you have any questions do not hesitate to contact the undersigned.

Sincerely,

Paul Clow Project Officer City of Iqaluit P.O. Box 460 Iqaluit, NU XOA 0H0