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February 5, 2016

Karén Kharatyan
Manager of Licencing
Nunavut Water Board
PO Box 119
Gjoa Haven, NU
X0B 1J0

RE: Identification of off-site sampling point locations down gradient of the West 40 Landfill

Dear Mr. Kharatyan:

On January 13th and 14th, 2016, representatives of the City of Iqaluit (City) attended the Technical Meeting, Public Meeting and Pre-Hearing Conference for the renewal application of Water Licence 3AM-IQA0612. During the meetings, Indigenous and Northern Affairs of Canada (INAC) requested that the City identify a sampling point down-gradient of the landfill to ensure the landfill berm system is effectively containing impacted water on-site.

The City and INAC discussed the potential locations for sampling points down gradient of the West 40 Landfill. Two sampling locations were chosen (see Appendix A for the location of the sampling points). The first location (Sampling Point A) is directly down-gradient of the landfill (south side) and captures all run-off outside the landfill berm structure. The second point (Sampling Point B) is on the east side of the landfill outside the berm structure; this sampling point captures run-off originating from a legacy landfill (Honey Bag Hill). Sampling Point B is located upstream of Sampling Point A and is intended to provide a control point to show the difference in water quality between the two sampling locations, helping to differentiate run-off that may be emanating from the legacy waste site from run-off collected from the surrounding area.

The City requests, as a condition of the new water licence, that samples be procured and analyzed once per year from Sampling Point A and Sampling Point B. The parameters for sampling shall stay consistent with Station IQA-08 (Retention Pond) and follow the parameters listed in Table 2 of the 2011 West 40 Landfill Drainage Management Review (prepared by AECOM) that was submitted with the original application. These new sampling locations would become part of the Monitoring Program.



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If you have any questions, please contact Matthew Hamp (Director of Public Works and Engineering) at 867-979-5653 or m.hamp@city.iqaluit.nu.ca.

Sincerely,

Muhamud Hassan
Chief Administrative Officer
City of Iqaluit



Appendix A Sampling Point Locations

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Sampling Point B

Sampling Point A

