



ᓄᓇᓂᓪ ᐃᓕᓕᓂᓪᓪᓪᓪ ᓂᓂᓕᓂᓪᓪᓪᓪ
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No: 3AM-IQA0611/renewal

July 8, 2013

John Hussey
Chief Administrative Officer
City of Iqaluit
P.O. Box 460, Iqaluit X0A 0H0
E-mail: j.hussey@city.iqaluit.nu.ca

Re: Licence No. 3AM-IQA0611: City of Iqaluit's Water Licence Renewal Application Addendum Requirements

Dear Mr. Hussey:

On July 5, 2013 the Nunavut Water Board ("NWB" or "Board") and the City of Iqaluit (the City) held a teleconference in which a number of items were discussed, including previously outstanding items with the City's type "A" Water Licence Renewal Application¹ (Application) and the previously submitted Amendment No.1 Application² (Amendment). Both of these applications are currently before the Board and the option of consolidating the applications or withdrawing of the amendment application were presented during discussions. As had been discussed in the past and agreed upon during the teleconference, the NWB recommends that the City of Iqaluit withdraw its Amendment and submit, in the form of a letter or report, an addendum to its Application.

The addendum should capture all of the elements identified under the Amendment that remain applicable to the renewal application and explicitly state the elements the City wishes to carry forward to its current Application. It should be noted that although the scope of the Application is ultimately at the City's discretion, the Board understands, according to information provided during the teleconference, that as a minimum requirement the City should address the amendment to the licence terms and conditions originally included under the City's Amendment in its addendum. Table 1 (see attached) has been provided to assist the City of Iqaluit in preparation of the addendum to the Application, the NWB does not consider this table to be complete nor to be a template for the addendum to be submitted.

¹ Type "A" water licence renewal application submitted to the Nunavut Water Board (NWB) by the City of Iqaluit on October 12, 2012 and which the NWB Acknowledged receipt of on October 29, 2012.

² Amendment No. 1 application submitted to the Nunavut Water Board by the City of Iqaluit initially on November 9, 2006 and subsequently on October 10, 2008.

To assist the NWB in planning the next stages in the process (i.e. technical review, technical meeting/pre-hearing conference, public hearing) of the City of Iqaluit Type A Water Licence renewal, the NWB requests that the City provide at its earliest convenience the timeline by which it intends to submit to the Board the addendum to the Application. The NWB would like to take the opportunity at this time, to remind the City of Iqaluit, that the NWB cannot proceed to the next steps of the application process, which would be to issue an acknowledgement of a complete application and initiate the technical review, until this matter is cleared and all Application information has been received.

Should you have any inquiries on technical matters related to the above, please contact Sean Joseph, Technical Advisor, at (604)-321-8185 or by e-mail to sjoseph@nunavutwaterboard.org or David Hohnstein, Director of Technical Services at (780)-443-4406 or by e-mail to dts@nunavutwaterboard.org. For inquiries on procedural matters and/or to request information related to the application, please contact Phyllis Beaulieu, Manager of Licensing, at (867)-360-6338 or by e-mail to licensing@nunavutwaterboard.org.

Regards,

Original signed by:

Sean Joseph
Technical Advisor
Nunavut Water Board

Enclosure: Table 1

Cc: Megan Leach, City of Iqaluit
Paul Clow, City of Iqaluit
David Hohnstein, Nunavut Water Board
Phyllis Beaulieu, Nunavut Water Board
Damien Coté, Nunavut Water Board
Cory Zyla, Nunavut Water Board

Table 1. City of Iqaluit Proposed Course of Action for the Terms and Conditions Associated with Amendment No. 1 Application

Terms and Condition	Description	Course of Action
Part D, Item 3	The Licensee shall equip the water intake(s) with a screen with a mesh size sufficient such that no entrainment of fish can occur.	Likely to be carried over to the type “A” renewal application under the addendum
Part D, Item 4	The Licensee shall ensure that the rate of water withdrawal is such that fish do not become impinged on the screen.	Likely to be carried over to the type “A” renewal application under the addendum
Part E, item 3	The Licensee shall ensure that any discharges from the Wastewater Treatment Facilities meet the following Effluent quality criteria (see the relevant section of the Licence for details on the actual criteria).	Likely to be carried over to the type “A” renewal application under the addendum
Part E, Item 4	Undiluted Effluent shall be non-acutely toxic under the “Rainbow Trout, <i>Oncorhynchus mykiss</i> (as per Environment Canada’s Environmental Protection Series Biological Test Method EPS/1/RM/13)”.	Likely to be carried over to the type “A” renewal application under the addendum
Part E, Item 5	Upon commissioning of the Wastewater Treatment Plant, the Sewage Lagoon shall be considered as a backup facility only. Any discharges from the back-up Sewage Lagoon shall be considered emergency discharges and shall require authorization from an Inspector in accordance with Part E, Item 20 and 21.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part E, Item 7	The Licensee shall submit to the Board for approval the “Final Assessment of the Sludge Management Pilot Project”, completed by an Engineer, within 30 days following notification in accordance with Part E, Item 3(d).	Likely to be carried over to the type “A” renewal application under the addendum
Parte E, Item 15	The Licensee shall submit an addendum to the manual referred to in Part E, Item 11 that will include details for contaminated soils and hazardous waste, including, but not limited to: types, volumes ultimate disposal, emergency response, thresholds, and maximum amounts accepted to the facility.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part E, Item 16	The Licensee shall collect and contain all leachate within the West 40 Landfill.	Likely to be carried over to the type “A” renewal application under the addendum

Part E, Item17	At least 90 days prior to any proposed release, discharge or transfer of leachate from the West 40 Landfill, the Licensee shall submit to the Board for approval a report prepared by an Engineer that will include at minimum a discussion of available treatment options, proposed discharge criteria in relation to the proposed discharge location(s) and discharge volumes, and a monitoring programme.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part F, Item 8	The Licensee shall submit to the Board for approval, the final design and drawings by an Engineer, within 30 days of the effective date of the Licence, for the Lake Geraldine Raw Water Storage Phase II. The Licensee shall ensure that such facilities are designed and constructed to engineering standards such that at a minimum they comply with the Canadian Dam Safety Guidelines. The Design shall be qualified in accordance with Part F, Item 3.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part F, Item 9	The Licensee shall undertake a dam safety review of the Lake Geraldine Raw Water Storage Phase II Upgrade, completed by an Engineer, in accordance with the Canadian Dam Safety Guidelines prior to October 31, 2006. The final report shall be submitted to the Board for review no later than 60 days following the safety review and shall include a cover letter from the Licensee indicating how and when recommendations or deficiencies identified in the safety review will be addressed.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part F, Item 10	The Licensee shall submit to the Board for approval, within 30 days of the effective date of the Licence, a Drainage Improvement and Management Design and drawings prepared by an Engineer for all operations in the West 40 Landfill site. The Design shall be qualified in accordance with Part F, Item 3.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part F, Item 11	The Licensee shall submit to the Board for approval, within 30 days of the effective date of the Licence, the Final Design for the West 40 Landfill Northern Expansion and drawings by an Engineer. The Design shall be qualified in accordance with Part F, Item 3.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part F, Item12	The Licensee shall submit to the Board for approval, within 60 days of the effective date of the Licence, the Final Design for the Sludge Management Facility and drawings by an Engineer. The Design shall be qualified in accordance with Part F, Item 3.	Unlikely to be carried over to the type “A” renewal application under the addendum
Part J, Item1	The Licensee shall submit to the Board for review, within 90 days of the effective date of the Licence, a conceptual Abandonment and Restoration Plan for the West 40 Landfill site prepared in accordance with industry best	Likely to be carried over to the type “A” renewal application under the addendum

	practices.	
Part J, Item 6	The Licensee shall implement the Plan referred to in Part J, Item 1 as and when approved by the Board.	Likely to be carried over to the type “A” renewal application under the addendum