

Licence Terms and Conditions Associated with the City of Iqaluit's Amendment No. 1 Request					
Part, Item	Description of Licence Term and Condition	Amendment Request	NWB Status as of April 20, 2009	City of Iqaluit Update	Comments
D,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	From the meeting, the City is to supply DFO information demonstrating the historical conditions of the water course after which DFO will render a decision regarding the necessity for the installation of a screen. Therefore the City of Iqaluit requests this condition be revised to read "If it is determined that Lake Geraldine is a fish bearing waterway, the Licensee shall equip the waster intake(s) with a screen with a mesh size sufficient such that no entrainment of fish can occur."	Subject of amendment request. DFO input required.	The City has decided to proceed with the installation of a screen on the intake and will bring this forward to Council for approval in the 2013 budget.	
D,4	The Licensee shall ensure that the rate of water withdrawal is such that fish do not become impinged on the screen	As per the previous point, the City of Iqaluit requests the condition be revised to read "If it is determined that Lake Geraldine is a fish bearing waterway, the Licensee shall ensure that the rate of water withdrawal is such that fish do not become impinged on the screen."	Subject of amendment request. DFO input required.	The City will ensure that the rate of withdrawal does not impinge fish on the screen, once it is installed. This will be considered when the screen installation is being designed.	
E,3	The Licensee shall ensure that any discharges from the Wastewater Treatment Facilities meet the following Effluent quality criteria:	"The effluent criteria for the discharge of the wastewater treatment plant currently would put the City of Iqaluit in non-compliance if adopted as presented due to the fact the current phase of the sewage treatment plant will not meet the effluent criteria listed. It is the City's recommendation that Item 3A be rewritten to allow the effluent criteria included to govern the primary treatment plant or the condition be reworded as follows: "All discharges by the Licensee from the wastewater treatment plant at monitoring Station Number IQA-02, shall upon commissioning of Phase 2 of the project, comply with the following effluent criteria.""	Subject of amendment request. Licensee is out of compliance and proposes to come into compliance upon commissioning Phase II.	A funding application for priority municipal infrastructure projects has been submitted to the Government of Nunavut (includes completing the \$15 million Phase II upgrade, which is currently on hold due to funding constraints).	

E,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)".	Similar to Part E – Item 3, the City of Iqaluit would propose the following rewording "Undiluted effluent shall be non-acutely toxic, upon commissioning of Phase 2 of the wastewater treatment plant...."	Subject of amendment request. Licensee proposes to come into compliance upon commissioning Phase II	A funding application for priority municipal infrastructure projects has been submitted to the Government of Nunavut (includes completing the \$15 million Phase II upgrade, which is currently on hold due to funding constraints).	
E,5	Upon commissioning of the Wastewater Treatment Plant, the Sewage Lagoon shall be considered as a back-up 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	Discharges from the Sewage Lagoon shall require authorization from an Inspector in accordance with Part E, Item 20 and 21.	Subject of amendment request. Typographical error only. Condition should refer to Part E, Item 18 and 19.	The Sewage Lagoon is currently used as a backup facility only.	
E,7	The Licensee shall submit to the Board for approval the "Final Assessment of the Sludge Management Pilot Project", completed by and Engineer, within 30 days following notification in accordance with Part E, Item 3(d)	The City of Iqaluit has retained a consultant to complete an assessment of the sludge management pilot project. The schedule for the completion of the assessment is December 31, 2008 based on this schedule the City requests the statement be revised to "The Licensee shall submit to the board for approval a final assessment of the sludge management pilot project by December 31, 2008. This timeline will allow for the complete assessment to be made rather than a progress report.	Subject of amendment request. Licensee requested deadline extension to December 31, 2008.	Please see Appendix D-8 for the Iqaluit Sewage Sludge Management Composting Pilot Project Report.	
E,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.	There does not appear to be any date for compliance tied to this condition	Subject of amendment request. Minor issue relating to lack of submission date for the addendum.	The West 40 Landfill O&M Manual is being updated as part of the Iqaluit Waste Management Project. The items outlined in E15 will be addressed in this update. The Terms of Reference for the project can be found in Appendix D-9.	

E,16	The Licensee shall collect and contain all leachate within the West 40 Landfill.	"The licensee shall collect and contain all leachate within the West 40 Landfill" – this is not possible given the landfill site does not have an impermeable liner. The City recommends the statement be revised as follows: "The licensee shall collect and contain all surface runoff from within the West 40 landfill, and shall divert away from the landfill all surface runoff that originates outside the landfill site."	Subject of amendment request. The existing landfill does not have an impermeable liner. Currently, only runoff can be collected.	In 2009, the City completed a Water Management Improvements Report (see Appendix D-6). In 2011, the City upgraded a problematic section of perimeter berm. Warrantee work is being completed in 2012. See Appendix D-4 for the tender drawings.	
E,17	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.	The requirement to provide ninety days notice to a proposed release, discharge or transfer of leachate seems excessive as it will require a new leachate retention pond to be excessively large and may limit the City's ability to operate a facility. The City would suggest a much shorter period of 5 to 10 days.	Subject of amendment request. Licensee has issue with submission timing. Licensee requests submitting 5 to 10 days prior to leachate management. May be difficult to modify timing of the report's submission as it requires distribution, comment review, and approval from the Board.	Please see Appendix D-7 the completed report.	
F,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 License, for the Lake Geraldine Raw Waster 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	copy of the design drawings for the Lake Geraldine Raw Water Storage Phase II has been attached to this submission (see Trow Project Number OTCD00017616).	Received as part of updated amendment request of October 8, 2008. May require distribution, expert review and Board approval.	Please see Appendix B-2 for as-built drawings.	

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F,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 for the Licensee indicating how and when recommendations or deficiencies identified in the safety review will be addressed.	The Dam Safety Review on the Lake Geraldine Raw Water Storage Upgrade Phase II has been attached to this submission.	Received as part of updated amendment request of October 8, 2008. May require distribution and expert review.	Please see Appendix B7 for the 2006 Dam Safety Review.	
F,10	The Licensee shall submit to the Board for approval, within 30 days of the effective date of the License, 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.	A copy of the Drainage Improvement and Management design drawings for the operations of the West 40 Landfill are included in this submission (see EarthTech Project Number 93107).	Received as part of updated amendment request of October 8, 2008. May require distribution, expert review and Board approval.	Please see Appendix D-3 for the landfill drainage improvements drawings.	
F11	The Licensee shall submit to the Board for approval, within 30 days of the effective date of the License, the Final Design for the West 40 Landfill Northern Expansion and drawings by and Engineer. The Design shall be qualified in accordance with Part F, Item 3.	A copy of the Final Design for the West 40 Landfill Northern Expansion is included in this submission (see EarthTech Project Number 93107).	Received as part of updated amendment request of October 8, 2008. May require distribution, expert review and Board approval.	Please see Appendix D-2 and D-3 for designs.	
F,12	The Licensee shall submit to the Board for approval, within 60 days of the effective date of the License, 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.	A copy of the Final Design for Sludge Management Facility is included in this submission. PART J: CON	Received as part of updated amendment request of October 8, 2008. May require distribution, expert review and Board approval.	Submitted to NWB on Oct 8, 2008.	

J,1	The Licensee shall submit to the Board for review, within 90 days of the effective date of the License, a conceptual Abandonment and Restoration Plan for the West 40 Landfill site prepared in accordance with industry best practices.	The requirement for the preparation of an Abandonment and Restoration Plan for the West 40 Landfill Site within ninety days of the effective date of the licence may be an onerous task. The City is requesting additional time be made available for this task and/or the condition being changed to read, "Draft Conceptual Abandonment and Restoration Plan". In addition, the reference to the West 40 Landfill Site should be clarified to ensure it only applies to the existing facility, and does not include the expansion facility. In absence of a response to this request, the City had not prepared the required documents. Aa part of this submission, the City is requesting the following schedule for delivering of the Abandonment and Restoration Plan: • Contract Award for the preparation of Abandonment and Restoration Plan January 5, 2009 • Draft Conceptual Abandonment and Restoration Plan March 31, 2009 • Final Abandonment and Restoration Plan 30 days after	Subject of amendment request. Licensee requests an extension.	The Abandonment and Restoration Plan is being completed as part of the Iqaluit Waste Management Project. The Terms of Reference for the project can be found in Appendix D-9.	
J,6	The Licensee shall implement the Plan referred to in Part J, Item 1 as and when approved by the Board	This point reads as the implementation of the Abandonment and Restoration Plan for the West 40 Landfill Site upon its approval. This may be taken to mean that the site would have to be abandoned and restoration begins upon the approval of the Board. The City of Iqaluit is requesting the word implementation be replaced with adopted.	Subject of amendment request. Minor issue of wording		