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Dated August 22, 2013

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Subject: Renewal Application for the Type B Water License # 3BM-CAP 0810 of the Hamlet of Cape Dorset, Baffin Region, Nunavut.

Dear Ms. Beaulieu.

I am writing you to reply the letter of Mr. David Hohnstein dated September 14,2011on the renewal Water License # 3BM-CAP 0810 application submitted on July 22, 2011 as follows:

Prior to proceeding with the review of the Renewal Application, the NWB requests that GN-CGS address the following issues related to file:

☐ The requirement under Part F, Item 1, for a revised Operations and Maintenance (O&M) Manual for the Sewage Treatment System. According to the Plan for Compliance this O&M Manual has been updated satisfying all the requirements of Schedule 2 of the License; however, it has not been submitted as part of the Renewal Application package. An O&M Manual revision was submitted in May, 2010, however following a review of the submission of a manual dated September 3, 2009 (via letter dated November 20, 2009, attached), it was noted upon receipt of the revision in May 2010 that a cover page was attached from the GN-CGS, however the cover page of the O&M Manual still retained the signature and stamp from the professional engineer that prepared the report, dated September 3, 2009. The NWB requests that any revision be accompanied by a letter and table of revisions, stamped and signed by the engineer responsible for the document revisions.



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Answer: The Original O&M manual was prepared by Dillon Consulting Ltd in 2007 and subsequently revised in 2009. This document was further revised by the Department of Community and Government Services in 2010. A spread sheet is attached explaining the differences of the contents of the revised document from the original one. The Revised O&M manual is attached in Appendix-A.

□ Confirmation from GN-CGS that the License conditions referenced in the Plan for Compliance should reflect the actual text from the License. The NWB notes various editorial errors, some of which change important wording of the License conditions and the perceived intent of the condition (i.e. D-4, D-5, E-1, F-5, H-2, H-12, and H-23):

Answer: An Engineering Consulting firm exp Services Inc. has been retained to develop a Plan for Compliance. The latest version attached in Appendix -B was submitted to AANDC for their approval as the replacement of the Previous Plan for Compliance submitted to NWB in July 22, 2011, exp is still working with the Department of Community and Government Services and conducted field training to the Hamlet operators. Their training manual is attached in Appendix-C.

exp's Geotechnical Engineer also conducted a Geotechnical inspection to all the environmental facilities on July 26 and 27, 2013. They are now working on reports. The inspection report will be submitted on or before November 30, 2013.

☐ The requirement under Part E, Item 5, for a summary report along with revised stamped as-built plans and record drawings of the 2007 Sewage Disposal Facility, to reflect the clarifications and omissions detailed in Schedule 1 of the License; and

Answer: The new Sewage Lagoon was constructed in 2007 following the design and construction drawings prepared by Dillon Consulting Ltd. The Water License was issued in 2008 with the attachment Section- 1, a list of drawing deficiencies identified by BGC, a year after construction.

In the buried structure, the deficiencies are difficult to rectify at the present stage. The as built drawings are attached in Appendix- D.

☐ The requirement under Part H, Item 20, for a Quality Assurance / Quality Control Plan approved by an Analyst.



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Answer: exp has prepared a Quality Assurance/Quality Control Plan which is attached in Appendix- E.

Hamlet is doing extended sampling program following CGS guidelines. The test results are attached in Appendix-F.

The Hamlet annual reports from 2003 to 2012 are attached in Appendix-G.

Signs have been ordered and anticipated to be installed by the end of October, 2013.

In these circumstances, we request to renew the license for five (5) years starting from March 2, 2010 so that Hamlet can effectively and efficiently operate their Environmental Facilities under the proper guidelines.

Please keep me in the loop of the approval process and if you have any issue or concern, please contact me at any time.

Thanking You.

Bhabesh Roy, M.A.Sc., P.Eng.

Municipal Planning Engineer

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