

Feb. 11, 2016

Atuat Shouldice
Resource Management officer, INAC

Subject: Resolute Bay Airport Sewage Lagoon: Water Licence #3BM-YRB 0308

Dear Mr. Shouldice,

Following my letter dated January 29, 2016, ED&T and CGS had a discussion on Feb.02, 2016 on this facility and renewal of Water licence # 3BM-YRB 0308. The following decisions are made to expedite the Water licensing process and future status of truck sewage disposal system.

1. We understand that roughly 5 Million liters annually trucked discharges into the existing Airport Sewage Lagoon and the existing lagoon does not have the capacity to accommodate this volume. GN-CGS initially had a plan to redirect this volume of sewage into the wastewater Treatment Plant (WWTP) which is the part of the Utilidor System, however the construction of WWTP project has been delayed. Pending funding approval, the earliest anticipated construction start for the wastewater treatment plant is now 2020/21. At present, the Macerator unit of the existing Utilidor Sewer system is the only receiving point of trucked sewage. Since it is suspected that adding raw sewage at this point will increase the BOD, TSS etc. concentration in the effluent from that discharge point of the system, engineering studies are necessary prior to any modifications. Therefore, as an interim measure to address the undersized lagoon, CGS is investigating the option for trucked sewage to be accepted into the existing utilidor system. The proposed system will be kept active until Wastewater Treatment Plant will be ready to receive trucked sewage.
2. GN-CGS is working closely with INAC and other regulators to come to a feasible solution.
3. Following the recent discussion between Bhabesh Roy and the Nunavut Water Board and a letter of instruction which was given (September 27, 2012) GN-CGS and EDT understand that at this point no new application is required as the previous application (submitted in 2008) was received, and passed through the Public review process at the time. Therefore, the GN is planning to renew this licence under GN –ED&T and planning to submit the additional documents to expedite the renewal process. CGS has started working on these documents with the consultation of Nunavut Water Board.

In recognition of these circumstances, the GN feel that we will need approx. 60 days to complete and provide the necessary documents. Mr Bhabesh Roy, P.Eng. Municipal Engineer of Baffin Region, GN-CGS, is currently working on these documents as the GN's Technical Contact for this file.

I appreciate your support and cooperation to renew this water licence in order to keep the facility under compliancy.

Thanks.

Todd McKay, Director Nunavut Airports, EDT.