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Building Nunavut Together
Nunavuliuqatigiingniq
Bâtir le Nunavut ensemble

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Department of Community and Government Services
Nunalingni Kavamatkunnilu Pivikhaqautikkut
Ministère des Services Communautaires et gouvernementaux

3BM-REP1520 Hamlet of Naujaat Water Licence Amendment

NIRB Project Proposal: Predicted environmental impacts of undertaking and proposed mitigation measures

The Government of Nunavut, Department of Community and Government Services (GN-CGS), Community Infrastructure Division determined that the present scope of work for the Naujaat Upgraded Sewage Disposal Facility would not be proceeding at this time. The sewage lagoon design was initiated in 2010/11 and was based on scientific information that was available at that time. Since the Naujaat sewage project was initiated, 5 years of research has been completed on wastewater treatment in Nunavut. This research has greatly improved the understanding of lagoon and wetland systems in Nunavut. Researchers from Dalhousie University presented their findings in Iqaluit on January 11, 2016. Representatives of the Nunavut Water Board (NWB), along with Environment and Climate Change Canada (ECCC) and Indigenous and Northern Affairs Canada (INAC), were present at this information sharing event.

GN-CGS is taking the opportunity to review and evaluate the Naujaat sewage lagoon design in light of this current research. GN-CGS will evaluate the Naujaat sewage lagoon design during the summer of 2016 through a site-specific wetlands analysis being conducted by Dalhousie University. This will include a detailed wetland analysis with water quality sampling and dye tracer testing to determine the flow path of discharged sewage. The Naujaat Hamlet Council and community will be consulted throughout this evaluation, and the resulting report will be provided to the NWB.

In cancelling the construction tender for the upgraded sewage disposal facility, the Hamlet of Naujaat will continue to use the existing sewage disposal facility, comprised of a Vegetative Filter Strip Wetland Area and sewage drop-off point.

Raw wastewater quantity at the sewage discharge location (truck drop-off point) will continue to be reported for Monitoring Program Station REP-3.

Discharge quality from the wetlands area will continue to be analyzed for Monitoring Program Station REP-6, with samples being taken a minimum of three times between June and August, and reported in the NWB Annual Report.

If the Dalhousie University wetland analysis concludes that adequate sewage treatment is not taking place, GN-CGS will determine the required upgrades to the sewage facility and will seek appropriate approval at that time.

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