



NIRB File No.: 13UN034
NPC File No.: 148839
NWB File No.: 3AM-IQA1626

December 20, 2018

Matthew Hamp
City of Iqaluit
Box 460
Iqaluit, NU X0A 0H0

Sent via email: m.hamp@city.iqaluit.nu.ca

Re: Notice of Screening for City of Iqaluit's "New Landfill and Waste Transfer Station" project proposal

Dear Matthew Hamp:

On December 3, 2018 the Nunavut Impact Review Board (NIRB or Board) received a referral to screen City of Iqaluit's "New Landfill and Waste Transfer Station" project proposal from the Nunavut Planning Commission (NPC or Commission). The NPC noted that the project is outside the area of an applicable regional land use plan.

Pursuant to Article 12, Sections 12.4.1 and 12.4.4 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)* and s. 87 of the *Nunavut Planning and Project Assessment Act*, S.C. 2013, c. 14, s. 2 (*NuPPAA*), the NIRB has commenced screening this project proposal. Due to the proposal containing activities that are sufficiently related to previously assessed activities under NIRB file number **13UN034**, the NIRB views this project proposal as an amendment to the previously screened project and has assigned this proposal with this previous file number. Please reference this file number in all future related correspondence. A summary of the previously screened project activities can be found in [Appendix A](#).

INFORMATION REQUEST

On December 4, 2018 the NIRB requested that the Proponent complete the online application form through the NIRB's public registry system and ensure, pursuant to s. 144(1) of the *NuPPAA*, that the information provided be sufficient to determine the scope of the project activities being proposed and that sufficient information has been provided to commence screening. On December 18, 2018 the NIRB received the required additional information and commenced the screening pursuant to Part 3 of the *NuPPAA*.

PROJECT OVERVIEW

Project Scope:

The “Type A Water Licence Renewal” project activities as previously screened by the NIRB (File No. 13UN034) included upgrading and constructing various waste management facilities in Iqaluit. A complete description of the scope of activities previously approved has been included within [Appendix A](#).

The City of Iqaluit is currently proposing the “New Landfill and Waste Transfer Station” project and would be located within the Qikiqtani (South Baffin) region, approximately 8 kilometres (km) northwest of the City of Iqaluit. The Proponent intends to amend the scope of previously approved activities to construct a new landfill and a waste transfer station as part of the City of Iqaluit’s Solid Waste Management Initiative. The construction will begin in July 2019 and the landfill will have a service life of 75 years.

According to the current project proposal, the scope of the amended project includes the following additional undertakings, works or activities:

- Construction of a landfill comprised of:
 - Bale-fill design;
 - Bulk construction and demolition waste area (waste routinely covered);
 - High-density polyethylene (HDPE) lined bulky waste storage cell(s);
 - HDPE lined municipal waste storage cell(s); and
 - Bermed and HDPE lined leachate collection sump.
- Construction of a Waste Transfer Station (located 1-2 km north of Iqaluit Airport)
 - Metal Clad Building;
 - Concrete pad;
 - Thermosyphons;
 - Biomass burner – wood and cardboard shredded and used to heat facility;
 - Shredding and recycling of scrap tires, compacting of scrap metal to be stored and shipped to a southern facility for recycling;
 - Compost area;
 - Community re-use area;
 - Household hazardous waste collection area for oils, fluids and household hazardous material to be transferred to a southern facility for disposal; and
 - LDP Plastic Bale wrapping machine for compacting waste into bales.
- Decommissioning of existing landfill.

Inclusion or Exclusion of Scoping List

At this time, the NIRB has identified no additional works or activities in relation to the project proposal. As a result, the NIRB will proceed with screening the project based on the scope as described above.

REQUEST FOR COMMENTS

All documents received and pertaining to this project proposal can be accessed from the NIRB’s online public registry at www.nirb.ca/project/125346.

The documents received include:

- *NPC Screening Referral*
- *NPC Application*
- *NIRB's Online Application Form*
- *Non-technical Project Proposal summary in English, Inuktitut and French*
- *Map*
- *Physical and Biological Assessment of Proposed New Landfill Site*
- *Landfill Site*
 - *Desktop Geotechnical Study*
 - *Site Survey*
 - *Conceptual Drawings*
- *Waste Transfer Station*
 - *Geotechnical Investigation Report*
 - *Site Survey*
 - *Conceptual Drawings*
- *Phase I and Phase II Environmental Site Assessment – Waste Transfer Station*
- *Site Survey Landfill*
- *Site Survey Waste Transfer Station*
- *Archaeological Impact Assessment (AIA) and Non-Technical Summary of AIA*
- *Archaeological Resource Discovery Plan and Protocol*
- *Transport Canada Approval*
- *NAV Canada Approval*
- *GN Department of Health Conditional Approval*
- *Nunavut Water Board Type "A" Water Licence*
- *Public Consultation Report*

The NIRB will copy you on screening process related correspondence and upload related documents to the NIRB's online registry for public access. The NIRB may request additional information at any time during the process.

The NIRB is copying parties and municipalities potentially affected by City of Iqaluit's project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **Monday, January 14, 2019**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic or socio-economic effects; and if so, why;
- Whether the project proposal is likely to cause significant adverse impacts on wildlife habitat or Inuit harvest activities; and if so, why;
- Whether the project proposal is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (and providing any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

CONTACT INFORMATION

Please send your comments to the NIRB via email at info@nirb.ca, via fax at (867) 983-2594 or via the individual project dashboard for this assessment on the NIRB's online public registry at www.nirb.ca/project/125346.

If you have any questions or require clarification, please contact the undersigned at (867) 983-4609 or at johokannoak@nirb.ca.

Sincerely,



Jaida Ohokannoak
Technical Advisor II
Nunavut Impact Review Board

cc: Distribution List
 Erik Marko, Colliers Project Leaders
 Richard Dwyer, Nunavut Water Board
 Joe Adla Kunuk, Qikiqtani Inuit Association
 Sean Joseph, Qikiqtani Inuit Association
 Joel Fortier, Qikiqtani Inuit Association
 Robert Chapple, Government of Nunavut – Community and Government Services

Attachment: Appendix A: Previously-Screened Project Proposals

Enclosures (6): Public Notice of Screening (English, Inuktitut and French)
 Comment Forms (English, Inuktitut and French)

Appendix A: Previously-screened Project Proposals

The original project proposal (NIRB File No.: 13UN034), was received by the Nunavut Impact Review Board (NIRB or Board) from the Nunavut Water Board (NWB) on October 21, 2013. The project proposal was screened by the Board in accordance with Part 4, Article 12 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)*. On November 3, 2014 the NIRB issued a *Nunavut Agreement* 12.4.4 (a) screening decision to the Minister of Aboriginal Affairs and Northern Development which indicated that the proposed project could proceed subject to the NIRB's recommended project-specific terms and conditions.

The City of Iqaluit's (Proponent) original "Type A Water Licence Renewal" project was located in the Qikiqtani (South Baffin) region, within the City of Iqaluit. The Proponent indicated that it intended to upgrade and construct various waste management facilities in Iqaluit. The program was proposed to take place from October 2013 to October 2018.

According to the previously screened project proposal, the scope of the project included the following undertakings, works or activities:

- Upgrade, operation and the eventual decommissioning of the Water Treatment Plant and other associated systems that supply water extracted from Lake Geraldine for municipal use;
 - Proposed maximum annual withdrawal of 1,100,000 cubic metres (m³) of water;
- Operation and the eventual decommissioning of a solid waste management facility at the existing West 40 Landfill and associated infrastructure;
- Upgrade, operation and decommissioning of infrastructure for managing wastewater at the existing West 40 Wastewater Treatment Plant and backup Sewage Lagoon;
- Construction, operation, and the eventual decommissioning and closure of a new Solid Waste Management Site approximately 7.5 kilometres (km) northwest of Iqaluit; and
- Construction of an access road approximately four (4) km northwest of Iqaluit and to be 8.5 m wide (not including the ditch and embankment) and 3.97 km long. While work related to the road forms part of the NIRB's assessment it does not form part of the current NWB Type "A" Water Licence Renewal and Amendment request and is expected to form a NWB Type "B" Water Licence.