



Inspection Report

License #: 3BM-RUT

Inspector: A. Keim

CIDMS # 278637

Client	Government of Nunavut		
Mailing Address	Box 379		
Inspection site location	Resolute Bay , Nunavut		
Contact name	Bhabesh Roy	Title	Municipal planning Engineer
Last inspection date	August 1, 2007		
Inspection start date	July 11, 2008		
Region	Qikiqtani		



INAC, Nunavut District
P.O. Box 100
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Submitted Via E-Mail

Our File: Unlicensed (3BM-RUT)

Your File: _____
CIDM #278637

May 25, 2009

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

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RE: Water License Inspection Resolute Bay July 11th, 2008

The Inspector would like to thank Ralph Alexander the A/Senior Administrative Officer for the Municipality of Resolute Bay, Nunavut for taking the time to meet during the Inspection. Mr. Alexander's input into the activities of the Municipality and the separation in areas of operation and responsibility between the Government of Nunavut and the Hamlet within the municipality was invaluable to the Inspection process.

The Municipality continues to be unlicensed however the Municipality has applied for a water license to address their sole area of responsibility that of the municipal bulk waste management areas.

The Government of Nunavut applied on November 24th, 2006 for a new water license of the Utilidor System of the Hamlet of Resolute Bay. The Department of Community Government Services of the Government of Nunavut is maintaining the Utilidor system via their offices in Pond Inlet.

The Water License application was acknowledged by the Nunavut Water Board on October 17th 2007 and a review of the application, when made available on the Nunavut Water Board FTP site was completed by INAC on October 19th, 2007.

The following report is based on observations made at the time of the inspection in Resolute Bay on July 11th, 2008 and a review of the documents found on the Nunavut Water Board FTP site.

Water Use and Waste Disposal

Resolute Bay is located on the south coast of Cornwallis Island and is about 1,550 Km North West of Iqaluit. The community was founded in the early 1970's and the current population totals less than 200 persons.

The community of Resolute Bay is on piped water and sewage system built in the early 1970's. As the system was designed for 1500 people (original forecast of community population), there is insufficient inflow of waste water into the system thus requiring a tremendous volume of bleeding (continual water flow) to ensure that the sewage pipe does not freeze.

There is no sewage treatment system in place in the community. A macerator functions to grind up large particles and discharge is directly to the shoreline of the Arctic Ocean.

As the system was originally designed for a much larger capacity in terms of use and population there is a large volume of bleed water mixed into the effluent. This dilution factor may allow the system to meet the



effluent criteria of the Nunavut Water Board (if any were issued), however this discharge remains an issue of Non-conformity with the Act.

On October 17th 2007 the Nunavut Water Board acknowledged receipt of the application submitted by the Government of Nunavut for a water license for water use and waste disposal within the community of Resolute Bay, Nunavut. At that time they also forwarded the application to the Nunavut Planning Commission for a conformity review.

A review of the Nunavut Water Board FTP site was not able to locate a reply from the Nunavut Planning Commission on this file nor were there any further documents or correspondence between the NWB and the Government of Nunavut on this file listed. The Inspector was able to locate a review of the submitted application and supporting documents from INAC dated October 19th, 2007.

Non-Compliance: Issues identified during the inspection and/or review of relevant material

The Government of Nunavut is required to address the identified issues of non-compliance.

Issues with a known or anticipated human health impacts;

- Discharge of effluent on the foreshore immediately adjacent to the community of Resolute Bay

Issues where there is a known or anticipated environmental impairment;

- Discharge of effluent on the foreshore immediately adjacent to the community of Resolute Bay

Issues where there is a known or suspected violation of a requirement of the Water License or Act;

- The Government of Nunavut must re-apply for a water license before the period of the next inspection.

The Government of Nunavut Department of Community and Government Services continues to operate in Non-conformity with the Nunavut Water and Nunavut Surface Rights Tribunals Act. The continuing operation of water supply and waste disposal services within the community of Resolute Bay without a license is a contravention of the Act.

Andrew Keim
Inspector's Name

Inspector's Signature

Cc:

Peter Kusugak - Manager Field Operations Section- Indian and Northern Affairs Canada
Phyllis Beaulieu – Manager licensing – Nunavut Water Board















