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Submitted Via E-Mail
Our File: Unlicensed
Your File: _____
CIDM #185401

November 27, 2007

Josh Hunter
Senior Administrative Officer
Hamlet of Resolute Bay
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RE: Water License Inspection Resolute Bay August 1st 2007

The Inspector would like to thank Josh Hunter the Senior Administrative Officer for Resolute Bay for taking the time to meet during the Inspection and provide assistance during the physical inspection of the water intake and municipal bulk waste management areas. The Inspector would like to also thank Aziz Kheraj of South Camp Enterprises who assisted the Inspector during the water pumping station and treatment inspection.

The following report is based on observations made at the time of the inspection in Resolute Bay on August 1st, 2007. The community of Resolute Bay is currently unlicensed with the Government of Nunavut owning and maintaining service contract a portion of the water and waste disposal services within the community and other services such as the bulk metal waste and the municipal waste area being under the control of the hamlet council.

Water Intake Facilities:

The community water intake facilities were clean and well kept. The Chlorine metre was inspected and was found to be working.

Samples were collected at the potable water source (lake). The samples returned results all within allowable parameters however it was noted that the pH did return a result of 8.17.

During the period of Inspection it was noted that a visiting scientist was on the lake in a small boat electro-fishing for char.

Waste Disposal Area :

The two solid waste facilities were inspected. It was noted that the first site had waste metals and bulk metal wastes. This site is scheduled to be moved in the New Year. No samples were collected at this site as the ground structure is gravel and composite materials thus precluding any standing water or above ground flow.

It should be noted that there were visible on site, batteries, old snow machines and kitchen appliances. The area needs to be sorted and the hazardous materials segregated.

The burn and bury area for wood and municipal wastes was also littered with hazardous materials. Some of which were being burned during the period of inspection.



Sewage Treatment and Discharge.

The community of Resolute Bay does not have a water license. The Government of Nunavut maintains a utilidor system which is contracted out locally.

Sewage is taken from the homes via utilidor and run through a very basic macerator and then discharged directly into the environment on the beach in front of the community.

Statements of the SAO and community workers indicate that in the spring there is an algal bloom evident both on and under the ice in the bay in front of the community.

During the inspection there was an obvious odour of sewage at the discharge pipe.

Non-Compliance of Act or Licence

The municipality of Resolute Bay is currently unlicensed and conducting operations in violation of the Nunavut Waters and Nunavut Surface Rights Tribunal Act.

During the inspection of Resolute Bay the following items were noted and brought to the attention of Mr. Hunter.

- Open burning of municipal wastes containing hazardous materials was noted at the municipal land farm..
- Large bulk wastes are not segregated and there appears to be a lack of containment for hazardous materials in the community.
- Land filling and burying bulk wastes should be reviewed and a plan submitted to address the numerous bury sites in the general area.
- The Municipality in cooperation with the Government of Nunavut must apply for a water license before the period of the next inspection.

Andrew Keim
Inspector's Name

Inspector's Signature

Attached under separate cover;
Photos taken during the Inspection of August 1st, 2007

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