



Inspection Report

License #: 3BM-RAN

Inspector: A. Keim

CIDMS # 297059

Client	Municipality of Rankin Inlet		
Mailing Address	Box 310		
Inspection site location	Rankin Inlet, Nunavut		
Contact name	Paul Waye	Title	Senior Administrative Officer
Last inspection date	September 10, 2007		
Inspection start date	July 22, 2008		
Region	Kivalliq		



INAC, Nunavut District
P.O. Box 100
Building 918
Iqaluit, NU, X0A 0H0

Submitted Via E-Mail
Our File: 3BM-RAN0207
Your File: _____
CIDM # 297059

May 26, 2009

Mr. Paul Waye
Senior Administrative Officer
Municipality of Rankin Inlet
Box 310
Rankin Inlet, NU X0C 0G0
E-mail: SAO@rankininlet.ca

RE: Municipal Water Licence Inspection July 22nd, 2008 3BM-RAN0207

The Inspector would like to acknowledge the assistance of Mr. Arnie Brown, Municipal Foreman for taking the time to assist the Inspector during the inspection of the Waste Management Facility within the community of Rankin Inlet.

Part B: General Conditions

During the period of inspection the Municipality of Rankin Inlet was found to be conducting municipal waste management operations under an expired water license. The license was initially issued on December 1st, 2002 and expired on November 30th, 2007. A review of the Nunavut Water Board FTP site during the writing of this report could not locate an application or any supporting documents for the renewal of the license.

The licensee is reminded that NWB imposed on the Municipality the requirement to produce an Annual Report. These reports are for the purpose of ensuring that the NWB has an accurate annual update of municipal activities during a calendar year. Annual reports are required to be filed by March 31st for the year ending December 31st. The annual report **must** include but not be limited to those items listed in Section 1 (i) through (vii) inclusive, of this part as well as any information required by the Inspector. It was noted during the period of Inspection and subsequently during the development of this report that no annual reports have been filed with the Nunavut Water Board since the issuance of the now expired license.

During the same review of the Nunavut Water Board FTP site the Inspector could not locate an Operation and Maintenance Plan. The Plan was to have been submitted by December 1, 2003.

The Licensee is also reminded that signage must be maintained to the satisfaction of an Inspector at all of their facilities.

Part C: Conditions Applying to Water Use

Raw water from the potable source (Nipissar Lake) is provided by the Department of Community and Government services, Government of Nunavut.

Part D: Conditions Applying to Waste Disposal

Sewage Treatment;

The Licensee is responsible, pursuant to section 4 of this part .for ensuring that effluent is directed to the Sewage Treatment Facility operated by the Department of Public Work (Community and Government Services) on behalf of the Government of Nunavut.



Solid Waste;

Within the Solid Waste disposal facilities the Inspector noted the following areas of concern;

- Segregation of materials within the dump was nonexistent.
- Signage within and around the facility has not yet been installed.
- The fence surrounding the facility was down in a number of areas allowing wind blown garbage to be ejected from the facility.

The above were noted and formed part of an Inspector Direction issued to the Municipality of Rankin Inlet on July 23rd, 2008. The Licensee has subsequently failed to comply with the Direction. The Inspector recommended further enforcement actions however these were not approved. It was stated by the Director that Compliance was not required.

Part E: Conditions Applying to Modification and Construction

A review of the Nunavut Water Board FTP site could not locate any drawings, plans or construction reports having been submitted by the licensee.

No notification of any omission has been received by this office from the Nunavut Water Board.

Part F: Conditions Applying to Operation and Maintenance

The Inspector was not able to locate from any source information concerning the Operations and Maintenance Plan that was to be submitted by the Licensee on or before December 1st, 2003 pursuant to Section 1 of this Part.

Part G: Conditions Applying to Abandonment and Restoration

A review of the Nunavut water Board FTP site conducted during the writing of this report was not able to locate the required submissions from the Licensee or agent/ contractor. As such, and as required by Section 1 of this Part the Licensee is reminded that at least six (6) months in advance of such a project being undertaken the Licensee shall submit to the Board for approval an Abandonment and Restoration Plan prior to abandoning any facilities.

Any future plan must incorporate the following information, as required;

- i. The Solid Waste Disposal Facility;
- ii. petroleum and chemical storage areas;
- iii. any site affected by waste spills;
- iv. leachate prevention;
- v. an implementation schedule;
- vi. maps delineating all disturbed areas, and site facilities;
- vii. consideration of altered drainage patterns;
- viii. type and source of cover materials;
- ix. future area use;
- x. hazardous wastes; and
- xi. a proposal identifying measures by which restoration costs will be financed by the Licensee upon abandonment.

Part H: Conditions Applying to the Monitoring Program

The licensee, subject to Section 2 of this Part is required to sample run off from the Solid Waste Disposal Facility annually during periods of runoff or seepage.

Samples shall be analyzed for the following parameters;



BOD	Faecal Coliforms
pH	Conductivity
Total Suspended Solids	Ammonia Nitrogen
Nitrate-Nitrite	Oil and Grease (visual)
Total Phenols	Sulphate
Sodium	Potassium
Magnesium	Calcium
Total Arsenic	Total Cadmium
Total Copper	Total Chromium
Total Iron	Total Lead
Total Mercury	Total Nickel
Total Zinc	

These samples are to be collected and analysed in accordance with a Quality Control / Quality Assurance plan to be submitted with the Operation and Maintenance Plan required under Section 1 of Part F of the current license.

The licensee is reminded that pursuant to Section 10 of this part the Licensee shall include all of the data and information required by the "Monitoring Program" in the Licensee's Annual Report, as required *per* Part B, Item 1, or as requested by an Inspector.

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

Issues with a known or anticipated human health impacts;

- Waste materials within the solid waste management area are not properly segregated and hazardous materials are not contained within a secondary containment structure to prevent entry into water or the environment.

Issues where there is a known or anticipated environmental impairment;

- A lack of fencing pose a risk to both the community and the environment.

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

- Failure to submit Operations and Maintenance Plans.
- Failure to submit Sampling Results under the monitoring program.
- Failure to submit Abandonment and Restoration Plans.
- Failure to submit Annual reports.

It is noted that immediately following the inspection of the Municipality of Rankin Inlet was issued an INSPECTOR'S DIRECTION was issued pursuant to the ACT.

The community of Rankin Inlet continues to operate in Non-conformity with the Nunavut Water and Nunavut Surface Rights Tribunal Act and the terms and conditions of the now expired Water License.

The Municipality subsequently failed to take actions to comply with the Issued Direction. At the time of the writing of this report it was recommended that further enforcement actions be undertaken to achieve compliance. However this was not approved.

A. Keim

Inspector's Name

Inspector's Signature

Attached under separate cover;
Photos taken during Inspection of July 22, 2008

Cc:

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

Water License Inspection Photos Rankin Inlet Municipal Inspection July 22nd, 2008:
CIDM # 336206



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