

WATER USE INSPECTION REPORT FORM

Date: August 2, 2011	Licensee Rep. (Name/Title): Arnie Brown – Manager- Public Works
Licensee: Hamlet of Rankin Inlet	Licence No: 3BM-RAN0207

Comments: The Senior Administrative Officer was out of the community at the time of the Inspection. Arnie Brown met with the Inspector. The following this meeting an Inspection on the waste Management facility was conducted.

- The Municipality applied for a water license in 2009
- The Municipality was only licensed/ responsible for solid waste management in the community
- The Municipality had planned to close the existing waste management area, developed an A&R plan for the site and had planned to move ahead to utilize the new waste management area built in 2008
- The Hamlet was directed by the Inspector in 2008 to fix the fencing around the Solid Waste Management Area and to take measures to address the segregation of waste. The Licensee has failed to follow the terms of this direction and has failed to maintain the facility. Fencing has in fact been removed from the facility by community members and waste remains unsorted. Hazardous waste continues to be deposited in the facility
- There have been no subsequent submissions to the Nunavut Water Board since 2009 with respect to the renewal application
- The Licensee remains operating the old facility

WATER SUPPLY

Source(s): Nipissar Lake	Quantity used: n/a
Owner:/Operator: Government of Nunavut	

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Intake Facilities: A	Storage Structure: NI	Treatment Sys: A	Chemical Storage: A
Flow Meas. Device: A	Conveyance Lines: A	Pumping Stations: A	Screen : NI

Comments: The Municipality does not provide water nor wastewater services in the community. The Government of Nunavut has recently been issued a Class A water License for these services.

WASTE DISPOSAL

Sewage: Sewage Treatment System (Prim./Sec/Ter.): Solids removal and direct discharge

Natural Water Body: Yes-marine	Continuous Discharge (land or water): Ocean	
Seasonal Discharge: NA	Wetlands Treatment: None	Trench: None

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Discharge Quality: U	Decant Structure: NA	Erosion: NA
Discharge Meas. Device: NA	Dyke Inspection: NA	Seepages: NA
Dams, Dykes: NA	Freeboard: NA	Spills: Not reported
Construction: NA	O&M Plan: NI	A&R Plan: Not Submitted
Periods of Discharge: Cont.	Effluent Discharge Rate: Unknown	

Comments: During the Inspection the Inspector noted the following;

- Waste Water Services are provided by the Government of Nunavut
- Sludge from the Waste Water System, operated by the Government of Nunavut is placed in the Municipal facility which is currently unlicensed

SOLID WASTE:

Landfill: on site	Burn & Landfill: on site	Other: Hazardous wastes present on site
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Comments: During the period of Inspection the following was noted by the Inspector;

- Waste Management Areas are not segregated
- Fencing has been taken down by Community members. Waste from the facility is ejected off the site
- Drums of unknown waste products and an other empty drums are scatter throughout the facility and are found outside the facility along the roadway.
- Batteries were found on road way outside the facility
- Hazardous materials are not secured
- Sludge from the Waste water treatment facility has signage but is not fenced off or secured
- Contaminated soils on tarps were found on the roadway outside the facility

- Samples collected from seepage pond outside the Waste Management Area

FUEL STORAGE:

Owner/Operator: Government of Nunavut

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Berms & Liners: NI	Water within Berms: NI	Evidence of Leaks: NI
Drainage Pipes: NI	Pump Station & Catchments Berm: NI	
Pipeline Condition: NI	Condition of Tanks: NI	

Waste Oil Storage: Unknown

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected	Owner /Operator: None submitted	
3	INAC: Leachate from stream with drums, Potable source, Effluent	
Signs Posted	SNP: None	Warning: Outside Sludge site
Records & Reporting: Annual reporting has not been submitted		
Geotechnical Inspection: Not submitted as required		

NON-COMPLIANCE OF ACT OR LICENCE: The Inspector noted the following issues;

- Barrels of unknown liquids were found in and outside of the facility. The barrels were not segregated and not within Secondary Containment
- Wastes within the facility are not properly segregated
- Cover material for use in the capping of the facility has been deposited within the facility without the authority of a Water License or an Abandonment and Restoration Plan
- The Licensee has failed to submit their 2009 and 2010 annual reports
- The Licensee has failed to undertake the required sampling under the monitoring program
- The Licensee is reminded that the last issued License (3BM-RAN0207) has been expired since November 30th 2007.
- The Licensee is reminded that the terms of the now expired license are still in effect

It is understood by the Inspector that the Waste Management Facility was originally intended to be closed and reclaimed by the Municipality, as was indicated in their application for a renewal License submitted in 2009.

This appears now to be in question and the Inspector has serious concerns with condition of the Waste Management Facility as well as the loads of cover that have been deposited into the facility with the aim of covering the front area.

It is clear to the Inspector that little to no progress on the Direction from 2008 have been undertaken by the Licensee.

As such the Inspector will require that the Licensee develop and submit for review to the Nunavut Water Board and the Inspector a **Compliance Plan** that will outline how the Municipality of Rankin Inlet will address the above deficiencies identified during the Inspection and resubmit a revised application for a renewal license that accurately reflects the plans for the Waste Management Facility, it's continued Operations and Maintenance Plans or Abandonment and Restoration.

The **Compliance Plan** will be submitted as an addendum to the 2011 Annual Report due on March 31st 2012.

Failure to submit the Annual Report and Compliance Plan will result in further compliance actions being undertaken by Aboriginal Affairs and Northern Development Canada.

A.Keim

Inspector's Name

Sent by E-mail (Original signed and on file)

Inspector's Signature

Cc:
Bernie MacIsaac- A/Manager Field Operations

Phyllis Beaulieu – Manager Licensing- Nunavut Water Board

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