

WATER USE INSPECTION REPORT FORM

Date: August 2, 2011	Licensee Rep. (Name/Title): Jim Wall –C&GS G.N, Meghan Lusty – Regional Engineer –Government of Nunavut	
Licensee: Government of Nunavut		Licence No3AM-GRA1015

**Comments:**  
The Department of Community and Government Services, Government of Nunavut was recently issued a Class A license for water and Waste Water services within the community of Rankin Inlet. The Licensee is in the process of developing an amendment application to address the need to augment the potable source lake for the community as well as installation of a new waste water treatment system (solids removal) for the community of Rankin Inlet. The waste water discharge is direct to a Marine environment and sludge from the facility is transferred to the Solid Waste Management Facility operated by the Municipality of Rankin Inlet. The facility is currently unlicensed.

WATER SUPPLY

Source(s): Nipissar Lake	Quantity used: 379,466 m³L
Owner:/Operator: Government of Nunavut	

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

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

**Comments:** The following were identified during the period of Inspection;

- Water levels at Nipissar Lake were noted by GN staff as being higher than last year at this time.
- Intake and Pumping station were found in good order
- Water usage records were available for review
- The 2010 Annual report was not available for review at the time of the Inspection
- Quarterly reports were not available for review
- Sampling results are to be forwarded to the Inspector by E-mail following the inspection

WASTE DISPOSAL

**Sewage:** Sewage Treatment System (Prim./Sec/Ter.): Direct discharge to marine environment

Natural Water Body: No	Continuous Discharge (land or water): Ocean	
Seasonal Discharge: No	Wetlands Treatment: None	Trench: None

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

Discharge Quality: NI	Decant Structure: NA	Erosion: NA
Discharge Meas. Device: NA	Dyke Inspection: NA	Seepages: U
Dams, Dykes: NA	Freeboard: NA	Spills: NA
Construction: NA	O&M Plan: NI	A&R Plan: NI
Periods of Discharge: Cont.	Effluent Discharge Rate: Unknown	

**Comments:** During the Inspection the Inspector noted the following;

- The rotating drum system was off line during the Inspection.
- A Sludge Management Plan was not available for review during the Inspection
- Sampling results were not available for review

SOLID WASTE: Operated by the Municipality of Rankin Inlet (Unlicensed )

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 Area is not segregated
- Drums of unknown waste products found in and outside facility
- Hazardous materials are not secured
- Sewage Sludge is not secured or fenced off from the Public
- Fencing for the facility has been removed by the general Public

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	
2	INAC: Leachate, Potable source,	
Signs Posted	SNP: None noted	Warning:
Records & Reporting: Annual reporting has not been submitted		
Geotechnical Inspection:		

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

- Annual reports for 2010 were not available for review
- Quarterly reports have not been filed
- Licensee has not fully implemented the Monitoring Program
- The License has yet to file a Sludge Management Plan
- The Licensee has not installed a Water Level Gauge as required by the License. As the method used to determine water levels within Nipissar Lake the Licensee shall provide a Report on Modification to the Nunavut Water Board as required by the issued license

The Licensee is reminded that the administrative requirements of the issued license must be adhered to ensure compliance with the issued License.

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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