

WATER USE INSPECTION REPORT FORM

Date: July 17, 2011	Licensee Rep. (Name/Title): Martha Kalluk (SAO), Adrian Dascalescu- Muni Tech Officer
Licensee: Municipality of Resolute Bay	Licence No: 3BM-RES9699 ( Expired)

**Comments:** There are currently three licenses within the boundaries of Resolute Bay, two of which are expired.

- The Department of Community and Government Services, Government of Nunavut recently renewed the Water License for Water and Waste Water Services within the community of Resolute Bay.
- The Municipality’s license for Solid waste disposal has been expired since 1999.
- An expired license also exists for a sewage lagoon and closed Transport Canada Solid Waste Management Area that requires remediation.

WATER SUPPLY

Source(s): Char Lake	Quantity used: Usage records were not available during the inspection
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 Government of Nunavut (GN) manages the water supply and effluent discharge in the community through a local service contract. A number of issues were identified during the period of Inspection including;

- Intake and Pumping station were found in good order
- New signage and warnings are required at all locations
- Water usage records were not available for review
- Chlorination records were forwarded by the contractor by E-mail
- The 2010 Annual report was not available for review at the time of the Inspection
- Sampling results were not available for review during the Inspection and are to be forwarded to the Inspector by E-mail following the inspection

WASTE DISPOSAL

**Sewage:** Sewage Treatment System (Prim./Sec/Ter.): Discharge to foreshore marine environ

Natural Water Body: No	Continuous Discharge (land or water): High tide line	
Seasonal Discharge: No	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: U	Dyke Inspection: NA	Seepages: U
Dams, Dykes: NA	Freeboard: NA	Spills: NA
Construction: NA	O&M Plan: U	A&R Plan: U
Periods of Discharge: Cont.	Effluent Discharge Rate: Unknown	

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

- Sewage from community is continuously pumped onto the shoreline in front of town and directly into the environment (Ocean). Obvious nutrient loading is present along shoreline
- Noted at outfall were ; Waste paper/ Food particles/ Plastic wastes
- The solids removal system was off line during the Inspection ( this was noted in previous inspections and has remained unaddressed for over two years)
- Sampling results were not available for review

SOLID WASTE: Operated by the Municipality of Resolute Bay (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 metals area was segregated
- Drums of waste oil, tar and other unknown’s are within an area that is bermed but unlined. Kids have been in the area and turned over a number of drums that have leaked into the ground.
- Municipal ( Burn and Bury) Waste Management Area is not segregated
- Hazardous materials sorting area is not present. Paint cans/ Oil filters etc are burned by the general public on site

- A new facility was constructed however it has not been used pending a new Application for renewal being submitted

**FUEL STORAGE:**

**Owner/Operator:** Government of Nunavut

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

<b>Berms &amp; Liners:</b> NI	<b>Water within Berms:</b> NI	<b>Evidence of Leaks:</b> NI
<b>Drainage Pipes:</b> NI	<b>Pump Station &amp; Catchments Berm:</b> NI	
<b>Pipeline Condition:</b> NI	<b>Condition of Tanks:</b> NI	

**Comments:** Noted during the Inspection was the level of contact water within the bermed area at the Tank Farm. Any discharge of water must be tested prior to release and those samples submitted to the Inspector. The liner was also ripped in a number of locations.

**Waste Oil Storage:** Unknown. Barrels of unknown contents and origin are stored adjacent to the Bulk Metals/ Waste Management Area. The site has a raised berm however no liner has been installed. Barrels were found on their sides and leaks were noted.

**SURVEILLANCE NETWORK PROGRAM (SNP)**

<b>Samples Collected</b>	<b>Owner /Operator: None submitted</b>	
1	<b>INAC:</b> Leachate samples were collected from ponded water adjacent to the burn and bury area	
<b>Signs Posted</b>	<b>SNP:</b> None noted	<b>Warning: signs must be replaced at most sites</b>
<b>Records &amp; Reporting:</b> Annual reporting has not been submitted, sampling results not submitted.		
<b>Geotechnical Inspection:</b>		

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

- The Municipality remains unlicensed after 12 years
- The Municipality has, through the GN applied for a new license however, none of the supplementary information requested by the Nunavut Water Board has been submitted
- The licensee continues to operate and make improvements in the bulk waste(metals) area
- The Licensee continues to operate without a license and in contravention of the Nunavut Water and Nunavut Surface Rights Tribunals Act

In 2010 the Inspector required that the Licensee complete and submit a Compliance Plan outlining the actions the Licensee would undertake to bring themselves into compliance with the Act. This plan was to be submitted as an addendum to their 2010 Annual report to be filed with the Nunavut Water Board and the Inspector no later than March 30<sup>th</sup>, 2011. The Licensee has failed to submit this plan. As a result, the Inspector recommends as follows;

It is the recommendation of the Inspector that further compliance actions be undertaken, and that such actions enjoin all parties involved in the process to ensure future compliance with the legislation.

A.Keim

Inspector’s Name

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

Inspector’s Signature

Cc:  
Bernie MacIsaac- A/Manager Field Operations  
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