

WATER USE INSPECTION REPORT FORM

Date: July 17, 2011	Licensee Rep. (Name/Title): Mr. Jason Brown Manager, Resolute Bay/Nanisivik Airport Nunavut Airports – Government of Nunavut
Licensee: Government of Nunavut	Licence No: 3BM-YRB0308 Expired

Comments:
Nunavut Water Board (NWB) distributed the renewal Application for this License on May 15, 2009. The License expired on November 30th 2008. The Licensee is currently operating without the authority of a license and is therefore in Contravention of the Nunavut Water and Nunavut Surface Rights Tribunal Act.

Pursuant to the National Airports Policy of 1994, Transport Canada (TC) is responsible for determining the environmental condition of the “old Airport dump” and is also responsible to ensure that any such remediation on the site is carried out. To date this work, while scoped in both 1996 and 1999, has not been carried out. The site is not fenced and because access is freely available to the general public, wastes continue to be deposited within it’s boundaries as noted in 2008, 2009 and 2010 Inspections.

In 2008 an Inspector’s Direction was issued to the Government of Nunavut to apply for a renewal license. This process was not successfully completed.

In discussions with the Licensee in 2010, it was determined that the Airport facilities of the Government of Nunavut are in fact a consumer of Water and Waste Water Services being provided by local Contractors in Resolute Bay. As such, at that time, it was recommended that the providers of these services apply for a License to Use Water and Deposit Waste within the Municipality of Resolute Bay. During the 2011 Inspection, the Airport Manager advised the Inspector that the GN now wished to proceed with the license application. However, to date this has not taken place.

It was noted during the period of Inspection that the Government of Nunavut – Department of Economic Development and Transportation have failed to undertake all the measures that were required under the 2008 Inspectors Direction.

WATER SUPPLY

Source(s): Char Lake	Quantity used: Unknown.
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 (Department of Community and Government Services) manages the water supply and effluent discharge in the community through a local service contract. The following issues were identified during the period of Inspection;

- 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 submitted as required.
- Sampling results were not available for review during 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 not been addressed by the Licensee for over two years)
 - The Monitoring program was not implemented by the Licensee

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 Management Area is not segregated
 - Hazardous Materials Containment area is not present. Paint cans/ Oil filters etc are burned by the general public on site
 - A new facility was constructed in 2007 however it has not been used pending the submission of a renewal application by the Hamlet and submission of an Abandonment and Restoration Plan for the site currently in use.

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	

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. A large number of unmarked barrels are also sitting at “Southcamp”.

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected	Owner /Operator: None submitted	
22	INAC: Effluent	
Signs Posted	SNP: None noted	Warning: None
Records & Reporting: The Licensee has not fulfilled any of the requirements as outlined in the now expired license		
Geotechnical Inspection:		

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

- Annual reports between the years 2003 and 2010 have not been filed by the Government of Nunavut in contravention of their now expired license and a Direction issued in 2008
- The Government of Nunavut has failed to implemented the Monitoring Program
- The Government of Nunavut has failed to maintain, to the satisfaction of the Inspector, the Airport Lagoon.
- The Government of Nunavut originally submitted, by way of an application for renewal, a number of Documents that were subsequently found to be insufficient by the Nunavut Water Board. Further supporting documents were requested by the Nunavut Water Board. No further information has yet been filed by the Licensee.

It is the recommendation of the Inspector that further compliance actions be undertaken 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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