

# Multi Year Municipal Compliance Summary

## Resolute Bay

**3BM-RES9699**

Licensee

Hamlet of Resolute Bay

Start and Expiry Dates

7/1/1996

6/30/1999

Status

Expired

### (Waste Management License Only)

The Municipality of Resolute Bay has not had a license since 1999. During this period the Hamlet of Resolute Bay has not filed a single annual report, conducted any sampling under the monitoring plan nor implemented any of the recommendations of the Inspector.

### Administrative Reporting

Failure to file Annual reports, O&M Plans, QA/QC Plans, or results of the monitoring program as required.

### 2007 Reporting

Municipality - unlicensed

No application in process

### 2008 Reporting

- Open burning of municipal wastes containing hazardous materials was noted at the municipal land farm
- Large bulk wastes are not segregated and there appears to be a lack of containment for hazardous materials in the community
- Land filling and burying bulk wastes should be reviewed and a plan submitted to address the numerous bury sites in the general area. (Archaeological sites as well)
- The Municipality in cooperation with the Government of Nunavut must apply for a water license before the period of the next inspection (as required by the Inspector)

### 2009 Reporting

- Municipality of Resolute Bay – Bulk and Metal Wastes Management The Municipality is required to undertake the following to ensure compliance with the Act.
- Open burning of municipal wastes containing hazardous materials must cease.
- Large bulk wastes are not segregated and there is a lack of containment for hazardous materials
- Land filling and burying bulk wastes should be reviewed and a plan submitted to address the numerous bury sites in the general area. (beachhead)

### 2010 Reporting

- Resolute Bay – Bulk and Metal Wastes Management
- The Municipality is required to undertake the following to ensure compliance with the Act.
- Open burning of municipal wastes containing hazardous materials must cease.
- Large bulk wastes are not segregated and there is a lack of containment for hazardous materials
- Land filling and burying bulk wastes should be reviewed and a plan submitted to address the numerous bury sites in the general area. (beachhead)

### 2011 Reporting

- 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

## Multi Year Municipal Compliance Summary

### **Hamlet of Resolute Bay      3BM-RES9699** **Non-compliance Overview between 2007 and 2011**

The Municipality of Resolute Bay has not had a license since 1999. During this period the Hamlet of Resolute Bay has not filed a single annual report, conducted any sampling under the monitoring plan nor implemented any of the recommendations of the Inspector.

A copy of the License issued in 1996 is not available for review. However, the following remain germane;

- Failure to file annual reports since 1996.
- Failure to file for renewal of licence.
- Failure to submit required Operation and Maintenance Manuals.
- Failure to submit a solid waste management plan.
- Failure to submit an O&M Manual
- Failure to contain leachate within the Waste Management Area
- Failure to collect samples and submit monthly reports (item 11) to the Board.
- Failure to submit a QA/QC Plan.
- Failure to police the Waste management Area
- Failure to segregate and remove Hazardous wastes
- Failure to Fence the Site

Currently the Municipality of Resolute Bay is operating in Non-compliance with the Nunavut Waters and Nunavut Surface Rights Tribunal Act

Inspections and review completed by Field Operation Section, AANDC

## Multi Year Municipal Compliance Summary

### Arctic Airports – Resolute Bay

**3BM-YRB0308**

**Licensee:**

**Government of Nunavut  
Department of Economic Development And  
Transportation**

**Potable Source:**

**Water Lake from the Hamlet of Resolute Bay**

**Start and Expiry Dates**

**11/30/2003      11/30/2008**

**Status**

**Expired**

**Sampling**

**None**

### Administrative Reporting

Nunavut Water Board (NWB) distributed the renewal Application for this License on May 15, 2009. The License expired on November 30<sup>th</sup> 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 is carried out. To date this work, although scoped in both 1996 and 1999, has not been carried out. The site, although closed, 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 remains incomplete.

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 services being provided by local Contractors in the community (Water delivery and Waste Water disposal at the Lagoon). 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.

However during the 2011 Inspection, the Airport Manager advised that the GN now wished to proceed with the license application in their name. 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

### 2007 Reporting

During the inspection a number of items were noted and discussed company representatives. These issues required corrective action to be undertaken prior to the date of the next inspection. Further work on this file and a review of the terms and conditions of the current license also require the Licensee to provide those identified outstanding issues within the time line specified in the current report. These are listed below;

Specifically;

- Submission of an Operation and Maintenance plan for the solid waste management area
- Submission of an Operations and Maintenance plan for the sewage lagoon
- Submission of a Spill Contingency Plan for all facilities
- Collection of samples and submission of analytical results
- Submission of required annual reports

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### 2008 Reporting

- Water is provided by Government of Nunavut at potable source for Municipality of Resolute Bay. Narwhal Arctic Services has a contract for provision of water and sewage services to buildings located at the Airport.
- A License for this activity exists in the same of the government of Nunavut
- Sewage lagoon is unlined and discharge is evident through the toe of the berm. Discharge flows down through a wetland to ocean.
- Water License expires this year and a new application has not been submitted to the Nunavut Water Board. No records are available for review. No sampling was conducted
- A "closed" or inactive waste management area originally managed by Department of Transportation, Government of Canada is also managed under the authority of the license. The Site is supposedly closed but shows obvious signs of recent dumping.
- Inspector's Direction issued to the Government of Nunavut

### 2009 Reporting

- Annual reports have not been filed with the Nunavut water Board and records were not available for review during the period of Inspection.
- Water License expired on November 30, 2008.
- Sampling has not been conducted this past year.
- The Government of Nunavut continues to operate in contravention of the Nunavut Water and Nunavut Surface Rights Tribunals Act.
- The Government of Nunavut is reminded that compliance with the issued Inspector's Direction (2008) is a required under the Act and failure to do so is an offence. To date proof of compliance has not been submitted.
- Transport Canada conducted a review of the closed dump and submitted a Plan to the NIRB for approval to conduct an initial site assessment for clean up work on the site

### 2010 Reporting

- The Government of Nunavut (GN) remains unlicensed and in contravention of the Nunavut Water and Nunavut Surface Rights Tribunal Act.
- The Government of Nunavut is responsible for the municipal water and waste water services to the community of Resolute Bay and the Resolute Bay Airport through a local service contract.
- The Resolute Bay Airport is supplied Water by local contractor.
- Narwhale Arctic Services in Resolute Bay picks up water from the Community of Resolute Pumping station authorized by license 3BM-RUT in the name of the Government of Nunavut Department of Community and Government Services.
- Narwhal Arctic Services in Resolute Bay also operates a sewage pump out truck that services these same buildings and businesses around the Airport in Resolute Bay.
- Effluent is deposited in the Lagoon adjacent to the Resolute Bay Airport/ Transport Canada Dump. The lagoon is unlicensed. It is unclear who if anyone is maintaining this lagoon.

### 2011 Reporting

- Annual reports for the between 2003 and 2010 have not been filed by the Government of Nunavut in contravention of a Direction issued in 2008
- The Government of Nunavut has failed to implemented the Monitoring Program
- The License has yet to effect repairs to the waste water treatment system
- The Licensee submitted, by way of an application for renewal a number of Plans and manuals that were subsequently found to be insufficient. No further information has yet been filed by the Licensee.
- Failure to submit operation and maintenance plans for the Solid Waste Management Area, operations and maintenance plans for the Waste Water Treatment Facility, or a Spill Contingency Plan as required

## Multi Year Municipal Compliance Summary

**Arctic Airports – Resolute Bay  
Government of Nunavut**

**3BM-YRB0308**

**Department of Economic Development And Transportation**

### **Non-compliance Overview between 2007 and 2011**

The Government of Nunavut has not had a license since 2008. During this period the Government has not filed a single annual report, conducted any sampling under the monitoring plan nor implemented any of the terms contained within the 2008 Inspector Direction.

#### **Non-Compliance:**

Part B (1) Failure to submit annual reports for 2003 to 2010

Part B (2) Failure to implement the Monitoring Program (this includes those requirements as listed in Part H – Monitoring Program)

Part B (4) Failure to install flow measurement device as deemed acceptable by Inspector

Part B (5) Failure to post signage to identify the stations of the monitoring program

Part B (9) Failure to provide copies of reports and Plans in the specified number and format

Part D (3) Failure to conduct Acute Toxicity tests as required by the licence.

Part D (4) Failure to contain all solid wastes at the Solid Waste Disposal Facility

Part D (6) Failure to dispose of fish processing wastes according to conditions of the licence.

Part D (7) Failure to implement measures to control wind-blown litter at the Solid Waste Disposal Facility

Part D (8) Failure to implement measures to control surface runoff from the Solid Waste Disposal Facility

Part F (1) Failure to submit to the Board for approval, a revised O&M Manual

Part G (1) Failure to submit an Abandonment and Restoration plan for the old sewage pump-out station

Part H (1-14) Failure to implement Monitoring Program as described by the licence

It is the recommendation of the Inspector that further enforcement efforts including the development of a case for prosecution for failing to follow an Inspector's Direction be initiated.

## Multi Year Municipal Compliance Summary

### Resolute Bay Utilidor

**3BM-RUT1012**

**Licensee:**

**Government of Nunavut**

**Start and Expiry dates**

**Department of Government and Community Services**

**11/4/2010      10/31/2012**

**Status**

**Active**

**Sampling**

**Incomplete**

#### Administrative Reporting

The last water license issued for these Facilities expired in 1999. The Government of Nunavut has continued to operate in contravention of the Act and License conditions since 1999.

- Failure to maintain a license in good standing as required by the Nunavut waters and Nunavut Surface rights tribunal Act.
- Failure to file annual reports since prior to 1999
- Effluent remains untreated prior to discharge to community foreshore.
- Effluent is discharged directly to the environment.

In 2008 the Government of Nunavut, Department of Community and Government Services indicated that sampling would be undertaken and results reported to the Inspector, these results have not been submitted.

#### 2007, 2008, 2009, Reporting

##### Non-Compliance

- Failure to submit required Annual reports ( Part B ( 1 i through viii))
- Failure to submit the required Operation and Maintenance Manuals for the Sewage Disposal facility (Part F (1))
- Failure to develop and submit a QA/QC Plan. Part H (3))
- Failure to submit as required the appropriate Abandonment and Restoration Plans ( Part G (1))
- Failure to implement the requirements listed under the Monitoring Program ( Part H)

Nunavut Water Board issued a renewal license to the Government of Nunavut for these activities in 2010.

#### 2010 Reporting

##### Potable Source:

- 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
- No annual reports were 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: Solid Waste Management Area

None

##### Waste: Lagoon (Direct discharge pipe to foreshore of Resolute Bay. )

- Sewage from community is continuously pumped onto the shoreline in front of town and directly into the environment (Ocean)
- Obvious nutrient loading (bloom) documented during almost every Inspection
- Macerator was found not to be connected to the power. Contractor informed the Inspector that it had been broken for some time and parts were on order but had yet to arrive in Resolute Bay. Open wires were found hanging down to the unit.

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- The room (building) is in a state of disrepair and requires replacement as it is clear that a number of over flows have occurred in the building. The lights were also not working. It appears the power to the facility has been shut off. Thus effluent flows through the system without any solids removal and to the shoreline of Resolute Bay.
- 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 unfixed for over two years
- Sampling results were not available for review

### 2011 Reporting

- Intake and Pumping station were found in good order
- New signage and warnings are still required
- Water usage records were incomplete upon review
- Annual reports have still not been filed
- Sampling results were not available for review

### Waste: Solid Waste Management Area

None

### Waste: Lagoon (Direct discharge pipe to foreshore of Resolute Bay)

- Sewage from community is continuously pumped onto the shoreline in front of town and directly into the environment (Ocean)
- Obvious nutrient loading (bloom) documented during almost every Inspection
- Macerator remains in disrepair. Open wires were found hanging down to the unit.
- The Facility (Shack) has had the power turned off for the last two years. Effluent continues to be discharged to the Foreshore without any treatment.
- Noted at outfall were ; Waste paper/ Food particles/ Plastic wastes

### Non-Compliance

- Annual reports for 2010 were not available for review
- Licensee has not implemented the Monitoring Program
- The License has yet to effect repairs to the waste water discharge system
- The Licensee has not yet filed the following plans;
  - O&M Plan for the Water Supply Facility;
  - O&M Plan for the Utilidor;
  - O&M Plan for the Sewage Disposal Facility;
  - Spill Contingency Plan; and
  - Append the Quality Assurance/Quality Control (QA/QC) Plan required by Part H, Item 9 of the Licence.
- The Licensee is reminded that the administrative requirements of the issued license must be adhered to ensure compliance, for example ;
  - Part C Item 4 – Due November 2011 – Report on the potential for Draw down on Char Lake.

