

# Multi Year Municipal Compliance Summary

## Whale Cove

Potable Source

Licensee

Start and Expiry Dates

Status

Sampling

**3BM-WHA0914**

Fish Lake

Hamlet of Whale Cove

6/10/2009      5/31/2014

Active

Incomplete

### Administrative Reporting General

O&M and A&R Plan Unacceptable

Failure to submit any annual reports

Failure to submit Results of the monitoring program

Failure to report unauthorized discharges

### 2007 Reporting

The Government of Nunavut continues to retain the ownership of the pump house, intake and treatment facilities, and employs staff in the community to provide water treatment services to the Municipality of Whale Cove. This has been the case for a number of years. The Government of Nunavut, Department of Community and Government Services should apply for a Water License for this activity. This would be consistent with previous licensing precedents in communities such as Rankin Inlet and Resolute Bay. The ownership and operations of the facility were confirmed by staff on site during the period of Inspection.

- The Hamlet has no Surveillance Network Program (including Quality Assurance/ Quality Control) in place
- An A&R plan for the old landfill has not been submitted as required
- Operation and Maintenance Plans must also be developed for the current landfill and sewage lagoon.
- The sewage lagoon is not properly maintained with less than the required 1 m of freeboard.
- The Hamlet needs to segregate materials such metal waste and regular household garbage and hazardous materials such as lead acid batteries and waste oil drums.

### 2008 Reporting

- Government of Nunavut continues retain the ownership of the pump house, intake and treatment facilities, and employs staff in the community to provide water treatment services to the Municipality of Whale Cove
- Water License has expired
- Lagoon undersized for community
- No sampling or reporting has been undertaken by the Licensee
- Annual reports have not been filed
- An application for renewal has not been submitted

### 2009 Reporting

- Government of Nunavut continues retain the ownership of the pump house, intake and treatment facilities, and employs staff in the community to provide water treatment services to the Municipality of Whale Cove
- A new water License has been issued to the Municipality.
- Failure to take steps to prevent and control the migration off site of runoff from the Solid Waste Management Facility
- Failure to comply with the monitoring program by collecting samples for analysis
- Wastes are not properly segregated
- Flow from the lagoon walls was noted down gradient from the lagoon.
- Flow meters were not installed at the water intake

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- Failure to maintain the required fencing around the Waste Management Area
- Failure to collect and submit for analysis the samples required on the Monitoring Program.

### 2010 Reporting

- Government of Nunavut continues retain the ownership of the pump house, intake and treatment facilities, and employs staff in the community to provide water treatment services to the Municipality of Whale Cove
- Failure to submit required Annual reports ( Part B ( 1 a through i))
- Failure to maintain the appropriate signage ( Part B (5))
- Failure to maintain and operate the Sewage Disposal facilities in a manner to prevent structural failure ( Part D (5))
- Failure to notify the Inspector prior to decant as required ( Part D(12))
- Failure to segregate hazardous wastes (Part D (14))
- Failure to prevent run off or leachate from the Waste Management Areas from entering water ( Part D (15))
- Failure to submit as required documents and drawings properly certified of the "Land Farm" as required under (Part E (4))
- 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)
- Failure to development and submit a QA/QC Plan. Part H (13))

### 2011 Reporting

#### Potable Source

- Government of Nunavut continues retain the ownership of the pump house, intake and treatment facilities, and employs staff in the community to provide water treatment services to the Municipality of Whale Cove
- Again this year a large number of dead flies littered the floor of the pumping station.
- The chlorination tank was only 1/3 full
- Records on site were found to be complete
- Samples were collected from the lake.
- A Flow meter that works has still not been installed ( 4 Years)

#### Waste Lagoon:

- Lagoon size and capacity is not sufficient for the size of the community
- Effluent noted flowing under roadway back into the community
- Seepages from the berm wall are ongoing
- Back wall of the lagoon regularly overtops
- O&M and other plans and reports have not been filed as required.

#### Waste: Solid Waste Management Area

- The community Municipal Waste Management Area was found to be fenced and well segregated from the Bulk/Metal Wastes.
- The Municipal Waste Management Area requires a road access from the top to make the best use of the facility. Continued operations from the bottom of the hill are counterproductive.
- A site for storage and containment of Hazardous Wastes was not located
- A large berm was at some point constructed to control and contain run-off from the Waste Management Areas (bulk metals, municipal and wood/construction debris). It appears that water has eroded through the base of the berm and now runs directly into the ocean.
- This was identified to the SAO and GN representatives during the inspection and must be addressed prior to the next inspection.

#### Non-compliance

The license required the Municipality to install a flow measurement device on at the freshwater pumping station. This has not been done. The Municipality is reminded that in addition to the above, there also exist expanded sampling and reporting obligations contained within the newly

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issued license. These obligations are imposed under the authority of the license and together form the overall conformity requirements of the License.

The community of Whale Cove must also ensure that proper maintenance and operations are conducted during the summer season. Decanting of the lagoon is required to prevent overtopping as well as prevent failures in the Dyke wall by maintaining a minimum of 1 meter of freeboard. The reduction in the overall volume in the Lagoon may also result in a decrease in the Effluent suspected of seeping under the truck drop off and back down grade into the community.

The Licensee continues to struggle with the administrative requirements of the issued Water License. The Licensee continues to work in contravention of the Nunavut Waters and Nunavut Surface Rights Tribunal Act.

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### **HAMLET OF Whale Cove            3BM-WHA0914** **Non-compliance Overview between 2007 and 2011**

As the Government of Nunavut operates the intake and treatment facilities, and employs staff to provide water treatment services to the Municipality of Repulse Bay, the Government of Nunavut, Department of Community and Government Services should apply for a Water License for this activity. This would be consistent with previous licensing precedents in communities such as Rankin Inlet and Resolute Bay.

Part B (1 a through i) Failure to submit required Annual reports  
Part B (2) Failure to Comply with the Monitoring program  
Part B (5) Failure to maintain the appropriate signage  
Part D (5) Failure to maintain and operate the Sewage Disposal facilities in a manner to prevent structural failure  
Part D (12) Failure to notify the Inspector prior to decant as required  
Part D (14) Failure to segregate hazardous wastes  
Part D (15) Failure to prevent run off or leachate from the Waste Management Areas from entering water  
Part E (4) Failure to submit as required documents and drawings properly certified of the "Land Farm" as required under  
Part F (1) Failure to submit the Solid Waste Disposal Facilities Report  
Part F (2) Failure to submit the updated Consolidated O&M Manual as required by  
Part G (1) Failure to submit as required the appropriate Abandonment and Restoration Plans  
Part H Failure to implement the requirements listed under the Monitoring Program  
Part H (13) Failure to development and submit a QA/QC Plan.

Inspections and review completed by Field Operation Section, AANDC