

Multi Year Municipal Compliance Summary

Taloyoak	3BM-TAL0813
Potable Source:	CANSO Lake
Licensee:	Hamlet
Start and Expiry Date:	12/11/2008 9/30/2013
Status:	Active
Sampling Results:	Incomplete

Reporting General

Failure to Submit O&M Manuals, A&R Plans, Compliance Plan,
Failure to submit Annual Reports (2006- 2011)
Failure to submit sampling results

2007 Reporting:

- The Hamlet of Taloyoak doesn't have a Water Licence and is strongly encouraged to apply for a water licence.
- The capacity of the Waste Water Treatment Facility (Lowland lake) needs to be increased in order to increase retention time and improve treatment. Ammonia levels were found to be extremely high and need to be lowered before being released.
- There is no fence around the landfill site and the landfill is poorly operated. Wastes are not segregated and signs do not identify the site.
- Hazardous waste, such as waste fuel/oil, batteries, propane or pressurized gas bottles, solvents and paint, are not segregated from the general waste stream and should be stored in a separate location until they can be transported to a licensed facility for disposal.
- A solution is needed to the standing water in the contaminated soils facility.

2008 Reporting:

- Community remains unlicensed.
- Fuel tank and sea-cans from Northern Store within the 30 m set back. These are to be removed.
- Spill kits not present in treatment facility
- Municipal wastes not contained within the Municipal waste Mgmt Area.
- Waste metals area remains un-segregated
- Failure to file the required Operations and maintenance manuals or spills plans
- Applications for renewal rejected by the NWB as insufficient

2009 Reporting :

- Community remains unlicensed; The issued license only applies to water use, and not to Waste Disposal. The Nunavut Water Board has issued a Non-conforming License.
- Northern store has failed to move the Fuel tank and Sea can as required.
- Erosion issues at sewage truck deliver point; honey bag/garbage pit near lagoon requires cleanup
- Lack of signage, monitoring and reporting requirements
- Municipal dump is overflowing with construction and demolition debris; lack of segregation and designated haz-waste area; heavy hydrocarbon staining in some areas
- Waste Fuel Storage Area and Land farm (1BR-TAL0712) area are not being managed within the terms of the issued License. The Licensee has failed to supply O&M manuals for the facility.
- The Government of Nunavut has large quantity of fuel stored without secondary containment (no indication of recent monitoring based on condition)
- Fuel Tank farm: Water in containment berm was sampled: 9.6 mg/L hydrocarbons (total extractable). Water was discharged directly to Environment without treatment.

Multi Year Municipal Compliance Summary

- Lack of appropriate secondary containment at refuelling areas and for heavy equipment: dark staining of substrate noted
- Fuel resupply line (barge area): red line appears to have slow leak (at cap)

Non-Compliance:

- Licensee is not yet operating under a valid Water Licence
- Lack of capacity at municipal dump (Unlicensed activity)
- Overall lack of solid waste management (Unlicensed Activity)
- Failure to submit required Operations and Maintenance Manuals;
- Failure to implement the terms and conditions of the Monitoring Plan.

2010 Reporting

Potable Source:

- The issued license only applies to Water use and Not Waste Disposal.
- Northern store has failed to move the Fuel tank and Sea can as required.
- Chlorination records and volumes records were on site and reviewed during the inspection.
- Samples were collected during the inspection.

Waste Lagoon:

- Effluent is discharged to a small Lake which then runs overland to the Ocean 1.2 Km away.
- Samples were collected from where the small lake enters a flow/stream that flows to the ocean.
- Deposit of waste at the site is an unlicensed activity.

Waste: Solid Waste Management Area

- Un-segregated.... Barrels of unknown substances, waste oil, batteries, and household chemicals are not being sorted out of the waste stream and placed in containment.
- Burn and bury facility requires cover material (since 2009)
- A general lack of signage including warnings at the facility was noted
- Proper "policing" of the facility is required as well as the development and implementation of a program to address these issues in both the short and long term
- It is also clear that this should have been addressed during the 2008 application for renewal stage by the Licensee (or their agent). It is unclear why the Licensee or their agent did not provide the required information to the NWB and have not provided the information in the last three years since the issuance of the current license.

Non-Compliance

- Failure to submit Annual Reports
- Failure to Submit a Compliance Plan as required by the License
- Failure to Submit O&M manuals
- Failure to Submit an A&R Plan
- A Compliance Plan was required as an addendum to the 2010 Annual report as ordered by the Inspector.

2011 Reporting

Potable Source:

- The license continues to apply to Water use and Not Waste Disposal. None of the required supporting documents have been filed by the Licensee or their agent, the Department of Community and Government Services, Government of Nunavut.
- Northern store has again failed to move the Fuel tank and Sea can as required ordered in 2009. The Inspector has recommended issuance of a Direction to the Company.
- Chlorination records and volumes records were on site and reviewed during the inspection of the newly renovated Water treatment facility.
- New Water Intake building is currently under construction
- Samples were collected during the inspection.

Waste Lagoon:

- Part D: Conditions Applying to Waste Disposal is specifically excluded from the currently issued license. This is a result of the Licensee (or their agent) not providing complete and

Multi Year Municipal Compliance Summary

accurate information to the Nunavut Water Board during the application process. The current license was issued in 2008 based on information provided by the Licensee (or their agent) to facilitate the construction of the new Water transfer facility (pump house) to address issues identified in Inspections dating back to 2002.

- As such the Licensee is currently depositing waste (municipal waste, solid (metals) and sewage) in facilities owned and operated by the licensee without the authority of a license
- The Licensee is required to seek amendments to this License as soon as possible in order to have its wastewater treatment and land filling activities permitted under a Water Board License.
- Specific issues identified during the inspection of the Sewage Treatment System include;
 - Raw effluent is deposited into a pond system that naturally flows into a stream and eventually into the ocean. It is unclear what the retention time is in the pond and/ or if proper treatment is being effected
 - The facility is not fenced nor is there any signage or warnings posted
 - An Operations and maintenance manual has not been submitted for review as required

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Non-Compliance

- Failure to submit Annual Reports
- Failure to Submit a Compliance Plan as required by the License
- Failure to Submit O&M manuals
- Failure to Submit an A&R Plan
- Failure to submit the **Compliance Plan** ordered by the Inspector as an addendum to the 2010 Annual report as ordered by the Inspector.

The Inspector recommended an **Inspector’s Direction** to address the requirement for the Licensee (or their agent) to submit to the NWB a completed application for amendment that includes at a minimum all of the required information requested by the Nunavut Water Board on the activities related to sewage disposal, treatment and discharge or solid waste collection, containment or disposal currently underway within the Municipality.