

Multi Year Municipal Compliance Summary

Coral Harbour

3BM-COR0813

Source: Post River
Licensee: Hamlet
Start and Expiry dates: 4/2/2008 3/31/2013
Status: Active
Sampling: None

Administrative Reporting General

No O&M plan (as of 2011)
Chlorination testing records incomplete
A&R Plan Unacceptable - 2011

2007 Reporting

- There are no signs identifying the sewage lagoon or the landfill, and there are no SNP stations for the sampling program.
- There are a number of barrels located inside of the lagoon that must be removed. It is unknown what is in the barrels and what effect it is having on the lagoon and treatment process.
- The Hamlet is also required to sample monthly at Monitoring Stations COR-2 and COR-3 during the Months of May to August inclusive. This sampling has not been performed.
- There is a considerable amount of ponding at the toe of the landfill that must be addressed, and garbage scattered outside of the fenced area should be moved inside.

2008 Reporting

Unknown

2009 Reporting

- Failure to collect and submit for analysis the samples required on the Monitoring Program.
- Failure to segregate wastes
- Failure to properly store hazardous wastes
- Failure to submit required Annual reports (Part B (1 a through i))
- Failure to maintain the appropriate signage (Part B (5))
- Failure to Submit the required Plan for Compliance (Part B(10))
- Failure to notify the Inspector and implement the monitoring program as required (Part D (2))
- Failure to submit an Operations and Maintenance manual as required (Part F (1))
- Failure to submit an Engineers report on the required Geotechnical Inspection of all engineered facilities (Part F (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)

2010 Reporting

Potable Source:

- Chlorination records not available for review
- Usage records not available but were submitted by E-mail after the Inspection
- It is unclear if all trucks are tested daily.

Waste: Lagoon

- Lagoon was constructed of (Local sources materials) compacted on site
- Effluent from inside the lagoon flows through the wall of the berm and pools immediately outside and adjacent to the lagoon wall. There is little to no holding time.

Waste: Solid Waste Management Area

- Failure to segregate hazardous wastes (Part D (8))

Multi Year Municipal Compliance Summary

- Failure to maintain the Bulk waste metals area.
- Hazardous materials noted in the Municipal WMA
- At the end of the Inspection and before the Inspector was to board the plane the SAO and the ex-mayor both approached the Inspector about the following issues;
 - Over 100 green military barrels of oil and lubricants marked ASAF. These are located just off the runway and have been on site as long as anyone can remember. Some of the barrels are leaking and should be removed from the community.
 - Outside the airport along the roadway back to town off the road that used to lead to the old American base there is a river. In the river, along the side are barrels beginning to poke out. The inspector counted 50 plus barrels, mostly rusted but also some in-tact that may contain unknown substances.

2011 Report

During the period of Inspection the SAO was busy preparing for a minister's visit and could not meet with the Inspector. The Hamlet Foreman was meeting the Government of Nunavut's Municipal Technical Officer and also could not participate.

Potable Source:

- Samples were collected from the source adjacent to the intake (Reservoir)
- Daily Chlorination testing records were found but were incomplete. A new form will be implemented so that both water trucks can be tested every day
- Treatment facility/ pump house was clean. 1 bucket of Chlorine (Pool) was noted within the pump house. No safety equipment was noted within the facility for use during Chlorine mixing
- The chlorine mixing pump breaker and switch were broken and had to be held on by wedging a metal rod onto the switch/breaker. This must be fixed.

Waste: lagoon

- Lagoon constructed of compacted constituent materials that do not contain sufficient fine materials to contain the liquid effluent. Holding times are questionable.
- Effluent continues to flow down gradient to the lake/ stream area sampled in 2010.

Waste: Solid Waste Management Area

- A ditch or diversion was dug during the construction of the waste metals area. This has resulted in run off pooling below the site. This location requires sampling and a new SNP location added to the License
- A sea-can with burned garbage was noted on site beside the yellow battery storage unit
- Four or five batteries and a propane tank were noted in the yellow battery storage area
- Hazardous materials including oil filters and motors were noted in the municipal waste management area
- The bulk metals areas were segregated by type i.e.: tires, white metal and vehicles
- Signage was present at all locations
- A new sample site will be identified to sample leachate from the metals area. Water was noted pooled below the waste metals area. This pool was fed by a trench dug along the perimeter of the Waste Metals Area

Non-Compliance

- The following deficiencies remain outstanding;
- Failure to consistently implement the required monitoring/ sampling programs within the community
- Failure to submit Operations and Maintenance manuals as required
- Failure to submit a Plan for Compliance (Part B Item 10 of the current license)

The Licensee is required to develop and submit for approval a **Compliance Plan** that will outline what steps the Municipality commits to undertaking to ensure that these deficiencies are being addressed prior to the period of the next Inspection. The Compliance Plan will include firm dates and milestones to reflect the Licensee's progress.

Multi Year Municipal Compliance Summary

The Compliance Plan shall be submitted as an addendum to the 2011 Annual Report due on March 31st 2012.

HAMLET OF CORAL HARBOUR

3BM-COR1013

Non-compliance Overview between 2007 and 2011

Part B (1a) Failure to collect and submit tabular summaries of all data generated under the monitoring program

Part B (2) Failure to comply with the Monitoring program

Part B (7) Failure to maintain a copy of the License at the Municipal Office

Part B (10) failure to submit a **Compliance Plan** as required by the Board

Part G (1) Failure to submit to the Board for approval, an Abandonment and Restoration Plan

N.B: The Inspector has required that the Licensee Submit a Compliance Plan by March 31st 2012

Inspections and review completed by Field Operation Section, AANDC