

Multi Year Municipal Compliance Summary

Kimmirut	3BM-KIM0911
Source:	Fundo Lake
Licensee:	Hamlet
Start and Expiry Date:	1/9/2009 1/29/2011
Status:	Expired
Sampling:	No

Administrative Reporting General

O&M Plan remains Outstanding,
A&R Plan was not accepted

2007 Reporting

- Failure to submit the required Annual reports
- Failure to maintain the appropriate signage, and Surveillance Network Program (SNP)
- Failure to develop a Quality Assurance/ Quality Control Plan
- Failure to develop a Solid Waste Disposal Operations and Maintenance Manual
- Failure to address concerns identified by the Inspector concerning the Sewage Lagoon
- Failure to submit the required Abandonment and Restoration plans as required
- Failure to collect and submit for analysis the samples required under the Monitoring Program

2008 Reporting

Issues remain same as 2007; no action

2009 Reporting

- Sewage treatment in the community is nonexistent – Direct discharge continues.
- The Licensee has continued to fail to collect and submit for analysis the samples required under the Monitoring Program (Part H)
- Failure to segregate and contain hazardous wastes
- Failure to install suitable fencing to prevent off site migration of municipal wastes
- Failure to Submit required Annual reports (Part B (1 a through m))
- Failure to Install and maintain the appropriate signage, and Stations of the Monitoring Program (Part B (5))
- Failure to submit as required a Plan for Compliance (Part B (11))
- Failure to submit a complete and site specific Operation and Maintenance Manual as required (Part F (1))
- Failure to segregate, contain and store all hazardous materials within the Solid Waste facility (Part (D))
- Failure to supply an Abandonment and Restoration Plan as required (Part G(1))
- Failure to implement the requirements listed under the Monitoring Program (Part H)
- Failure to submit a QA/QC Plan as required (Part H (10))

2010 Reporting

The Municipality was provided a short term license to allow the Municipality the time necessary to come into compliance with the Terms and conditions contained within the License.

Potable Source:

- No records of water usage, waste discharge,
- operations manuals have not been submitted
- Annual reports have not been submitted

Waste: Lagoon

- The Hamlet of Kimmirut continues to discharge its sewage to a ditch which drains directly to the ocean.

Multi Year Municipal Compliance Summary

- The new lagoon roadway has still not been fixed. Work on the new lagoon has not yet been undertaken by the licensee.

Waste: Solid Waste Management Area

- Waste not segregated; Hazardous wastes noted both in Municipal land fill and outside on roadway.
- More vehicles and batteries in the newly constructed solid waste management area (not yet commissioned) than in 2009.
- The Municipality has not designated an area for hazardous materials storage within the community. Waste oil and other drums were noted in outside the Municipal Waste Management Area along the roadside. Over 20 barrels of old glycol and waste oil were stockpiled outside the Waste Management Area by the local housing corporation.
- Bulk metal wastes had been moved into the municipal dump.
- The Municipal Waste Management Area (Burn and bury) now has adopted a practice of covering the recently burned materials with crushed rock and fill from an adjacent source. This slows and in some cases prevents ejection of materials from the site by high winds.

Non-Compliance

- The Waste Management Area was found to be un-segregated and hazardous wastes were noted both inside the facility and outside on the roadway adjacent to the facility.
- Human waste is deposited to a ditch that runs down gradient directly to the ocean adjacent to the Municipality.
- The Municipality indicated that they have asked the Government of Nunavut for assistance to complete the tasks necessary to come into compliance.

2011 Reporting

Waste: Solid Waste Management Area

- A hazardous materials area segregated from other wastes generated within the municipality has not yet been constructed.
- Waste oil and other drums (belonging to the housing authority) remain on the roadway outside the Municipal Waste Management Area. The Licensee was to remove these barrels and store them properly within a lined area and clean the spilled oil and other materials from that site.
- Bulk metal wastes had been moved into the municipal dump.
- The Municipal Waste Management Area (Burn and bury) has maintained the practice of covering the recently burned materials with crushed rock and fill from an adjacent source.

Waste: Lagoon

- The Hamlet of Kimmirut continues to discharge its raw effluent to a ditch in the waste management area that drains directly to the ocean
- The newly constructed lagoon roadway has seen some work but remains very narrow in places and was of concern to the Licensee
- Work on the new lagoon (creation of a second cell has been completed)
- During the Inspection of the second (New) cell a flow from under the second cell's berm wall was noted
- The cell's wall (berm) is not lined and water from within the containment area is flowing under the wall of the cell and down the hill side. The second cell is not providing any containment.
- Down grade from the cell wall a mixture of fine particles from the matrix of the newly constructed berm wall were found in pooled water
- Visual inspection of the lower half of the second cell wall note discoloration extending from the ground to the same level as the water within the containment. It appears as if the newly constructed cell wall is saturated with water from within the containment area

N.B : The municipality has indicated that they are awaiting support from the GN to address all of the deficiencies found in the 2009 Inspection report and as yet have only undertaken what they can do.

Multi Year Municipal Compliance Summary

HAMLET OF KIMMIRUT 3BM-KIM0911 **Non-compliance Overview between 2007 and 2011**

Licence has expired

Application for renewal has not yet been submitted

Part B Item (1) Failure to submit annual reports for 2007 to present

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

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

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

Part B Item (11) Failure to submit a **Compliance Plan** as specified in the licence

Part D Item (1) Failure to direct all sewage to the Sewage Disposal Facility or the Enhanced Sewage Disposal Facility

Part D Item (5) Failure to maintain and operate the lagoon in such a manner as to prevent structural failure

Part D Item (7) Failure to segregate and store hazardous materials/waste appropriately

Part D Item (8) Failure to implement measures to control wind-blown litter at the Solid Waste Disposal Facility

Part F Item (2) Failure to submit to the Board for approval, a revised O&M Manual including the following plans:

- a. Sewage and Solid Waste Operation and Maintenance Plan;
- b. Hazardous Waste Management Plan;
- c. Sludge Management Procedures;
- d. Spill Contingency Plan;
- e. A plan for the modification of streams and bodies of water within the municipality including crossing; and
- f. Monitoring Program Quality Assurance/Quality Control Plan (QA/QC Plan).

Part G Item (1) Failure to submit an Abandonment and Restoration plan prior to the construction of new facilities

Inspections and review completed by Field Operation Section, AANDC