

Multi Year Municipal Compliance Summary

Igloolik	3BM-IGL0911
Potable Source	South lake
Licensee	Hamlet
Start and Expiry dates	7/10/2009 7/31/2011
Status	Expired
Sampling	None

Administrative Reporting General

O&M Plans not submitted
A&R Not submitted
Annual reports not submitted
Results from monitoring program not submitted

2007 Reporting

- 5 cell lagoon system running parallel to coast, signs of leakage through common back wall documented
- Waste Management Area unsorted and no segregation of Hazardous Materials

2008 Reporting

- Water Reservoir is insufficient size for community
- No annual sampling, reports or manuals as required

2009 Reporting

- Sewage treatment in the community is below an acceptable standard
- The Licensee failed to collect and submit for analysis the samples required under the Monitoring Program Part H
- Failure to take actions to prevent a failure of the Lagoon cells
- Failure to segregate and contain hazardous wastes
- Failure to install suitable fencing to prevent off site migration of municipal wastes
- Failure to submit Annual reports Part B (1 a through i)
- Failure to install and maintain the appropriate signage, and Stations of the Monitoring Program Part B (5)
- Failure to file a Timetable for implementation for all Plans submitted Part B (10)
- Failure to implement the requirements listed under the Monitoring Program Part H
- Failure to submit Operation and Maintenance Manuals as required Part F (1)
- Failure to submit a QA/QC Plan as required Part H (10)

2010 Reporting

Potable Source

- The Licensee has failed to apply for a renewed water license
- Failure to undertake the required sampling
- Failure to maintain records of testing for municipal vehicles

Waste: Solid Waste Management Area

- Hazardous materials are not contained and are easily accessible by the public
- Batteries and oxidizing pool chemicals were found stored together
- An Operations manual has not been submitted as required and the Municipal Waste Management Area remains unfenced

Waste: Lagoon

- Sewage from the multi-cell lagoon is continuously seeping through the berm walls.

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- Stress cracks and erosion on both the internal and external berm walls
- Decanting of a number of the cells was on-going during the inspection; however notification had not been received by the inspector.
- A number of issues including the release of sludge from the bottom of the lagoon cells during the decant process was noted by the inspector and brought to the attention of the Hamlet Foreman.
- An Operations Manual was not available to review and has not yet been submitted to the Nunavut Water Board as required. Samples were collected approximately 100 m from the lagoon.

2011 Reporting

The Water licenses are set to expire in 4 days and an application for renewal has not been submitted.

The Inspector noted that work to enlarge the Reservoir (geo-tech investigation) was underway.

- Submission of an Operation and Maintenance Manual for the Solid Waste Disposal Facilities in accordance with "Guidelines for Preparing an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities" (October 1996) remains outstanding
- Metal wastes within the Waste management Facility are segregated into piles in most places
- A hazardous waste section with a liner was installed within the facility
- The secure storage of waste Batteries within the facility must be addressed
- Drums of waste oils and other fluids were stored in a separate Waste Management Area but were not placed on a liner. Spills were noted in both locations that must be addressed
- The Municipal waste management area has signage / warnings
- Water running through and off the facility is not contained or managed in any way
- Cover and fencing for the Municipal Waste Management Area are required to properly manage wind blown debris and run off from the facility
- Operations and Maintenance manuals for the Lagoon cell system have not yet been provided the Board (Not on FTP site)
- Sampling has not been undertaken as required by the monitoring program
- Decanting procedures between cells is not being done. Each cell is decanted directly to the environment
- Stress cracks and erosion on dyke walls (interior and exterior) noted.
- The two cells closest to town had obvious flows exiting from the toe of the berm

Non-Compliance:

- None of the required Annual Reports have been filed with the Nunavut Water Board.
- None of the required sampling has been undertaken by the licensee.
- None of the required records, plans, or reports are available for review and up-dated plans and manuals have not been filed with the Nunavut Water Board.
- Work on construction and modification to existing facilities is expected over the next year. None of the required plans or reports as required under the current license have been filed with the NWB to date.
- Lack of fencing around the Municipal Waste Management Area remains an issue.
- The Licensee has failed to submit a Compliance Plan with the 2010 Annual report as required by the Inspector. None of the supporting documentation for an application for renewal of the water license could be located on the NWB FTP site.

It is the recommendation of the Inspector that compliance actions be undertaken, and that such actions enjoin all parties involved in the process to ensure future compliance with the legislation.

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HAMLET OF IGLOOLIK 3BM-HAL0911 (EXPIRED) **Non-compliance Overview between 2007 and 2011**

Part B (1a-i) Failure to submit required Annual reports. None have been filed since 1998.
Part B (2) Failure to comply with the Monitoring Program
Part B (5) Failure to maintain the appropriate signage, and Surveillance Network Program (SNP)
Part B (6) Failure to immediately report spills of waste to the 24 hour spill line
Part D (2) Failure to Implement
Part D (5) Failure to maintain and operate the lagoon to prevent structural failure
Part D (7) Failure to segregate and store hazardous wastes in a manner as to prevent the deposit of deleterious substances into any water
Part D (8) Failure to implement measures to control wind blown litter at the solid waste disposal facility
Part H Failure to implement the requirements listed under the Monitoring Program
Part F (1) Failure to submit Operation and Maintenance Manuals as required

NB. Failure to submit as ordered by the Inspector in 2010 a suitably detailed Plan for Compliance with the required dates for completion

Inspections and review completed by Field Operation Section, AANDC