

Multi Year Municipal Compliance Summary

Clyde River	3BM-CLY0909
Potable Source	Water Source Lake
Licensee	Hamlet
Start and Expiry Dates	3/18/2009 11/13/2009
Status	Expired
Sampling	Incomplete

Administrative Reporting General

Chlorination records appeared incorrectly completed.

Sludge management plan outstanding.

2011 - O&M and A&R Plans

2007 Reporting

- Submit an application for a renewal of the existing water license
- Submit the required Annual reports
- Maintain the appropriate signage, and Surveillance Network Program (SNP)
- Develop a Quality Assurance/ Quality Control Plan (contact the Nunavut Water Board)
- Develop a Solid Waste Disposal Operations and Maintenance Manual
- Address concerns identified by the Inspector concerning the Sewage Lagoon

2008 Reporting

- Lagoon washed out May 2008
- Remedial measures to be implemented and sampling protocol submitted for approval
- Construction of retention berm to increase holding time
- New lagoon construction to take place 2008
- Failure to submit Abandonment and Restoration plans as required
- Failure to collect and submit for analysis the samples required on the Monitoring Program

2009 Reporting

- The community potable water source (Water Source Lake) appeared to be drawn down. A program of monitoring the water level in the Source Lake should be implemented to prepare for and address in advance, any shortages that may be encountered.
- During the Inspection chlorination records and usage data (records) was not available for review. This information is to be available during the period of the next Inspection.
- The Licensee has filed the required 2008 Annual report.
- The 2008 report was found to be deficient and failed to include the requisite information as outlined in Part B Item 2 (a through n)
- The Licensee has failed to provide information on the Monitoring program as required under Part B item 1 as it was not collected. The licensee and their agent are reminded that compliance with the license is mandatory, not optional.
- Construction of the second cell was underway during the period of Inspection. At the time it impossible to determine what the compliance and monitoring points for discharge would be as construction had not progressed to that point. This is to be completed during the 2010 inspection.
- Decanting of the single cell lagoon was undertaken during this period however sampling was not undertaken by the licensee.
- Segregation of wastes in both the Municipal Waste Management Area and that of the bulk metals area is required. Part D item 7 requires that hazardous wastes including waste oil, within the Solid Waste Disposal Facility are stored in a manner as to prevent the deposit of deleterious substances into any water, until such a time as proper disposal arrangements are made.

Multi Year Municipal Compliance Summary

- The Municipal Waste Management Area requires fencing to prevent materials and debris from being transported off site and into the community.
- It was noted during the period of Inspection that a Plan for Compliance was to have been submitted by April 18th, 2009. The Plan has not yet been submitted to the Nunavut Water Board or the Inspector for review. The Licensee is reminded that this Plan forms an integral component of the License as is a mandatory requirement.
- Thermistors had not been installed during the period of the Inspection.
- During the inspection it was also noted that the Licensee has not installed signage noted under the Surveillance Network Program.

2010 Reporting

- License remains expired, an application has not been submitted
- Failure to submit required plan for compliance
- Failure to address issues at Hazardous Wastes Management Area
Municipal waste management Area requires fencing
- Sampling has not been undertaken by Licensee
- Failure to test water delivery trucks on a daily basis
- A sludge Management Plan, A&R Plan and Operations manuals remain outstanding
- Chlorination records were incomplete
- Chlorine supplies had been exhausted earlier in the year
- Fencing has not yet been installed at the Waste management Area

2011 Reporting

Potable Source

- At that time the chlorine mixing barrel and the holding tank for the chlorination meter were both found to be nearly empty (less than 10%)
- The Community was found to be out of chlorine for water treatment
- Water levels in the source lake were higher than the previous year
- Water chlorination records appear to be incorrectly completed with free and total chlorine levels being transposed in some cases
- The pumping station was found in good order
- Samples were collected at the water in-take

Waste: Lagoon

- The Municipality had not yet begun to discharge effluent (decant) from the secondary cell. The secondary cell was close to half full and it was expected that the cell would be decanted this fall. The inspector advised the Hamlet foreman to contact him 10 days prior to decanting, so that samples could be collected and SMP stations could be located down gradient from the Lagoon.
- The original cell underwent additional work this season and was found to be empty. This included the installation of a half liner on the common wall with the secondary cell.
- A sludge management plan has not yet been provided by the Licensee. No ludge has been removed from the original cell.
- It is unclear if a notification of commissioning was provided to the Nunavut water Board prior to the date of Inspection.
- Sampling of decant was conducted in September of 2011

Waste: Solid Waste Management Area

- The Hazardous Waste Management Area has seen a number of advances and extra work since the period of the last inspection.
- A lined and bermed area has been installed by the licensee and the majority of the waste oil and barrels of unknown contents that were leaking have been moved into the containment area.
- A Number of sea-cans are also on site and hare being used to store waste batteries and other hazardous materials.

Multi Year Municipal Compliance Summary

HAMLET OF CLYDE RIVER 3BM-CLY0909 (EXPIRED) **Non-compliance Overview between 2007 and 2011**

Failure to maintain a Water License In compliance with the Nunavut Water and Nunavut Surface Rights Tribunal Act

Part B (1) Failure to submit to the Water Board all available Data generated under NWB3CLY0308

Part B (2 a – n) Failure to submit as required, complete Annual reports

Part B (12) Failure to submit a complete Plan for Compliance.

Part F (1) Failure to develop and submit an *Operation and Maintenance Manual*

Part F (2) Failure to develop and submit an Operation and Maintenance Manual for the Enhanced Sewage Disposal facility.

Part F (6) Failure to submit a revised Spill Response Plan Aggregate Deposits as an addendum to the O&M manual.

Part F (8) Failure to submit a geotechnical Inspection report to be completed annually in July.

Part G Failure to submit as required all Abandonment and Restoration Plans.

Part H Failure to implement the requirements listed under the Monitoring Program.

Inspections and review completed by Field Operation Section, AANDC