

Multi Year Municipal Compliance Summary

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| Gjoa Haven | 3BM-GJO0409 |
| Potable Source: | Swan Lake |
| Licensee: | Hamlet |
| Start and Expiry Date: | 1/8/2004 1/31/2009 |
| Status: | Expired |
| Sampling: | None |

Administrative Reporting General

No Annual Reports since 2004
No water usage/ consumption records
Truck sampling records unavailable
O&M plans not provided
O&M Plan and A&R Plan unacceptable

2007 Reporting

- Sewage is not adequately treated before flowing into the environment. This inadequate treatment is due mainly to the washed out area of the lagoon berm.
- The Hamlet must provide an Operation and Maintenance Manual for operating and maintaining waste disposal and sewage lagoon sites.
- The releases from the sewage lagoon flow past the landfill and mix with leachate from the landfill.
- The Hamlet of Gjoa Haven is required to have a Surveillance Network Program (SNP) in place and develop a Quality Assurance/ Quality Control Plan.

2008 Reporting

- New lagoon required for community - effluent drains through municipal waste area
- Sampling and reporting not being completed
- Lack of signage, monitoring and reporting requirements
- Lack of operations and maintenance manuals, spill contingency plans and related training
- Overall lack of solid waste management/ Hazardous materials are not segregated

2009 Reporting

- Licence currently expired
- Water intake station/truck fill station is only point of water treatment (Swan Lake); left unlocked. WTP is currently off-line due to operator error.
- Swan Lake is a popular recreational area; garbage and debris in and around lake is an issue; no signage
- Lack of signage, monitoring and reporting requirements
- Unmeasured water withdrawal occurs at Water Lake (near WTP); Nunavut Airport truck observed extracting water at time of inspection
- Lagoon seeping continuously; decant area overflowing and breached in several places. Serious potential for complete failure of lagoon structure
- Ground surrounding lagoon is saturated in effluent; main flow path goes through metal dump and past municipal dump; garbage falling into flow path
- Landfill is a complete disaster. Severe lack of waste management by the Hamlet resulting in major environmental and health and safety issues
- Dump was on fire in multiple locations; multiple pools of sludge-like liquid; small explosions occurring; garbage overflowing outside of dump boundaries; mixed waste streams at both dump sites
- Improperly constructed "bermed" area outside dump has become a dump site for waste fuel and oil products and contaminated soil: multiple spills have occurred at this site as a result.

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- Fuel Tank farm: direct discharge of water from secondary containment berm without testing or treatment to the environment. Tank #11 showed fuel staining on and below side portal.
- Cahill Enterprises storing a large quantity of fuel in drums directly beside a stream (no secondary containment)

2010 Reporting

Potable source:

- Buried water line to the community water tank had again frozen over the winter
- Records of Chlorine testing were not available for review

Waste: Lagoon

- Effluent is released into the community lagoon
- Effluent level is within the 1m of the top of the lagoon
- Effluent was seen flowing from the toe and wall of the lagoon
- An obvious flow seen exiting the secondary cell and proceeding down gradient to the Community Waste Management Area.
- Effluent mixing with run off from Waste Management Area

Waste: Solid Waste Management Area

- The Local Housing authority has placed used waste oil tanks within the facility. Not cleaned properly
- Drums of waste oils and other fluids were stored outside the Facility
- Batteries were found scattered throughout the site.

Non-Compliance

- Water License has expired and renewal application has not been submitted
- Annual reports not submitted
- Monitoring program not implemented
- Required sampling not undertaken
- Signage missing
- Lagoon not sufficient to meet license criteria
- **Licensee to submit a Plan for compliance**

2011 Reporting

Potable:

- Hamlet staff were not available to take part in the Inspection
- No Annual Reports have been filed by the licensee since prior to 2004
- No signage has been installed at the pumping station.
- No water usage records were available for review
- The Government of Nunavut Department of Community Government and Services have a staff member who lives and works in Gjoa Haven and provides the Water Treatment Services for the community.

Waste: Lagoon

- The Waste Water Lagoon in the community is under capacity
- The ground around the cells is saturated in effluent
- Lack of Signage/ Warnings
- Sampling has not been undertaken as required

Waste : Solid Waste Management Area

- Plans for the Operation and Maintenance manuals remain outstanding after 9 years
- Site is not segregated for hazardous wastes
- Municipal burn and bury had evidence of batteries and oil filters
- No signage or warnings as required

Noncompliance

- None of the required Annual Reports have been filed with the Nunavut Water Board since 2004
- None of the required sampling has been undertaken by the licensee
- The submitted Compliance Plan does not include a time table or Deadline for implementation or completion of tasks required for Compliance and is rejected by the Inspector.

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HAMLET OF GJOA HAVEN 3BM-GJO0409 Non-compliance Overview between 2007 and 2011

License has expired

Application for renewal has not yet been submitted

Required Compliance Plan has been rejected by the Inspector.

Part B (1a-viii) Failure to submit annual reports for 2004 to present

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

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

Part C (1) The Government of Nunavut Dept of Community and Government Services is conducting this appurtenant undertaking without the authority of a license.

Part D (2) Failure of Effluent discharged from the SDF to meet listed criteria

Part D (5) Failure to provide 10 day notification to the Inspector.

Part D (7) Failure to implement measures to ensure hazardous materials and/or leachate from the Solid Waste Disposal Facility does not enter water

Part D (8) Failure to submit to the Board for review within six (6) months of the issuance of this license a report identifying each Final Discharge Point

Part E (4) Failure to provide signed and stamped drawings to the NWB within 90 days.

Part F (1) Failure to submit to the Board for approval, a Plan for the Operation and maintenance of the Sewage and Solid Waste Disposal Facilities

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

Compliance Plan: Rejected by Inspector for lack of an initiation date, completion date or any milestones or timelines for the completion of major activities.

Inspections and review completed by Field Operation Section, AANDC