

Multi Year Municipal Compliance Summary

Pond Inlet

3BM-PON1012

Potable Source: Salmon River/Water Lake Reservoir
Licensee: Hamlet
Start and Expiry Date 5/26/2010 5/31/2012
Status: Active
Sampling: Incomplete

Administrative Reporting General

O&M and A&R Plans unacceptable

2007 Reporting

- Submit an application for a renewal of the existing water license
- Submit the required Annual reports
- 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 - Stress cracks on corner, leakage from toe
- Submit the required Abandonment and Restoration plans as required
- Collect and submit for analysis the samples required on the Monitoring Program

2008 Reporting

No annual reports, sampling not completed, Plans and manuals not submitted as required

2009 Reporting

- Failure to address concerns identified by the Inspector effluent leaking from the Sewage Lagoon
- Failure to address concerns identified by the Inspector concerning Water Management within the Waste Management areas.
- Failure to take steps to control and mitigate runoff from the Solid Waste Management Facility
- Failure to develop a Solid Waste Disposal Operations and Maintenance Manual
- Failure to submit required Annual reports (Part B (1 a through m)) (it is noted that an Annual report for 2008 was submitted with the renewal application to the Nunavut Water Board and was found to be incomplete)
- Failure to maintain the appropriate Surveillance Network Program (SNP)(Part B (5))
- Failure to submit as required documents and drawings properly certified of the “new lagoon” as required under (Part E (4))
- Failure to submit as required the appropriate Abandonment and Restoration Plans (Part G (1))
- Failure to submit the required documents and drawings properly certified of the “Land farm facility”. This is to form part and of the Required Operation and maintenance manuals for the same facility. (Part F (5))
- 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 develop and submit a QA/QC Plan. Part H (6))
- Failure to Maintain the Sewage lagoon to the satisfaction of the inspector (Part D(5))

2010 Reporting

Lagoon:

The Community sewage lagoon is leaking from the south east corner. A large pool of effluent has built up across the road from the lagoon. This Lagoon has been leaking for the last two or three years. This has been brought to the attention of the Municipality and the Government of Nunavut's Department of Community and Government Services Department representatives who

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are acting on behalf of the Licensee.

In discussions on site, the Government of Nunavut CG&S representative informed the Inspector that the plan to address the leak in the lagoon is to hire a consultant to come to Pond Inlet, determine where and why the lagoon is leaking and develop a plan to address the leak. This work will be completed in 2009 and a report submitted to the Inspector and the Nunavut Water Board. Work to repair the lagoon is expected to take place next year.

The decant structure is frozen and remains inoperable

2011 Reporting

Potable Source

- Chlorine testing and Truck sampling records were available for review at the Maintenance Garage
- Water level is very low in Reservoir Lake; recharge from Salmon River will occur in late August/ Sept.
- Truck fill pumping station is back on-line
- Chlorine stored at Maintenance Garage

Waste : Solid Waste Management Area

- The Municipal burn and bury facility for Municipal waste requires additional cover material as burned garbage and debris were noted blowing around and being ejected from the facility.
- Batteries were found secured in the sea-can provided however the batteries are not stacked and secured in the sea-can, The can if full of other wastes as well as leaking and broken batteries. The sea-can must be reorganized and secured.
- It is still unclear what haz mat will be shipped out of the community.
- In the waste metals facility, used home oil tanks and other vehicles have been placed in the facility since the last inspection.
- At the normal sampling point an obvious sheen of hydrocarbons was noted and the smell of fuel was very strong.
- Some sorting of waste metals was noted by the inspector
- The Land farm facility remains unfenced however the materials were noted on site. It was also noted that the liner on the North West wall was torn from entry into the facility by Heavy Equipment. No records were available for review on the total quantity of contaminated soils being deposited into the facility or the testing or sampling that was to be undertaken.

Waste: Lagoon

- The old Waste Water Lagoon was in use by the community but they are now again using the new Lagoon which is still leaking
- The Inspector sampled the effluent outside the Lagoon
- The GN representative on site could provide no information. The Regional Engineer was called and asked to participate in the Inspection of the Pond Inlet facility. The R.E provided the following Information;
- A report on the options available to the GN to repair the existing facility has been received
- Once the options are reviewed a decision on next steps will be communicated to the community and the Board
- The Licensee or their representative has not yet provided the following to the Nunavut Water Board;
 - Sewage Lagoon as-built plans and drawings, signed and stamped by an engineer
 - Solid Waste Disposal Facilities Update Report
 - Consolidated OM Manual
 - Abandonment and Restoration Plan for old sewage lagoon and temporary sewage disposal facility

The Inspector has requested a copy of the report while on site during the inspection

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HAMLET OF POND INLET 3BM-PON1012 Non-compliance Overview between 2007 and 2011

The two-year licence was intended to provide the Licensee time to take immediate action towards achieving compliance with the licence. This licence will expire in 2012.

Part B (1) Failure to submit required Annual reports for 2003-2007, 2010.
Part B (2) Failure to implement Monitoring Program as described in the licence.
Part B (4) Failure to adequately measure waste discharge volume or rate.
Part B (8) Failure to submit required reports, studies, and plans to the Board.
Part D (1) Failure to direct all Sewage to the Sewage Disposal Facilities.
Part D (3) Failure to meet effluent discharge quality parameters from sewage disposal facility.
Part D (5) Failure to maintain sewage disposal facilities to prevent structural failure.
Part D (7) Failure to meet effluent discharge criteria for leachate from the Solid Waste Disposal Facilities.
Part D (13) Failure to permanently contain all solid wastes at the Solid Waste Disposal Facilities.
Part D (14) Failure to store all hazardous materials in a manner to prevent the deposit of deleterious substances into water.
Part E (3) Failure to submit Sewage Lagoon as-built plans and drawings.
Part F (1) Failure to submit Solid Waste Disposal Facilities Update Report.
Part F (2) Failure to submit Consolidated O&M Manual.
Part F (3) Failure to submit engineer's report and plan for implementation to the Board.
Part G (1) Failure to submit A&R Plan for old sewage lagoon and temporary sewage disposal facility.
Part H Failure to implement Monitoring Program as detailed in the licence.

N.B The Licensee has made some progress toward compliance issues noted in the Compliance Plan however a great deal remains left to be done. The Licensee's representative must provide the information required by the board in a much more timely fashion as the delays exhibited with this file put the licensee into Non-compliance and at risk of further enforcement actions.

Inspections and review completed by Field Operation Section, AANDC