

# Multi Year Municipal Compliance Summary

<b>Arctic Bay</b>	<b>3BM-ARC0810</b>
<b>Potable Source</b>	<b>Marcil Lake</b>
<b>Licensee</b>	<b>Hamlet</b>
<b>Start and Expiry Dates</b>	<b>3/17/2008      3/31/2010</b>
<b>Status</b>	<b>Expired</b>
<b>Sampling</b>	<b>Incomplete</b>

## Administrative Reporting General

O&M and A&R Plan Unacceptable  
Failure to submit complete annual reports  
Failure to submit results of the monitoring program

## 2007 Reporting

- Failure to conduct required sampling and submit results with annual report
- 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 develop and submit an Abandonment and Restoration Plan that includes a sewage sludge management plan.
- It is noted that annually the Lagoon overflows depositing raw sewage into wetlands
- Retention berms have been built across wetlands area to increase holding time

## 2008 Reporting

- Lagoon continues to fail. Lagoon with second cell is insufficient for size of community
- New lagoon construction to take place 2008
- No annual sampling, reports or manuals have been submitted as required
- Failure to conduct required sampling and submit results with annual report
- 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 develop and submit an Abandonment and Restoration Plan that includes a

## 2009 Reporting

A new License has been issued 3BM-ARC0810

- Sewage treatment remains below an acceptable standard
- Failure to collect and submit for analysis the samples required under the Monitoring Program.
- Failure to submit reports and substantive information as required by the Nunavut Water Board to complete the application for amendment necessary to ensure construction of the new lagoon system was undertaken before the period of the next inspection.
- Failure to undertake such works as necessary to prevent the failure of the existing lagoon system.
- Failure to undertake such works to mitigate and remediate lands and waters affected by effluent leaching from the existing lagoon system.
- Failure to undertake such work required to prevent the failure and erosion of the existing lagoon system into waters downstream of the system.
- Waste Management and control in the community continues to be below an acceptable standard, segregation and fencing issued have repeatedly been ignored by the Licensee.
- Failure to submit Compliance Plan as required by the License
- Failure to submit Plans and Operations manuals
- Failure to submit Sampling Results under the monitoring program
- Failure to submit Abandonment and Restoration Plans

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- Failure to submit Annual reports 2005,2007,2008
- Work on new lagoon system has started

### 2010 Reporting

- Water License has expired and the renewal application will not be reviewed without the Submission of the required Compliance Plan
- Sewage treatment remains below an acceptable standard
- Failure to collect and submit for analysis the samples required under the Monitoring Program
- Failure to undertake such works so to mitigate and remediate such lands and waters as continue to be affected by effluent leaching from the existing lagoon system
- Failure to manage the Waste Management area, segregation and fencing remain issues
- Failure to submit complete Operation and Maintenance manuals for the waste Management Area as required
- Failure to submit Abandonment and Restoration Plans
- Failure to segregate hazardous wastes in the Waste management Area
- Failure to install fencing as required.
- Failure to manage run-off and leachate from migrating off site.

### 2011 Reporting

- Water License remains expired and the renewal application will not be reviewed without the Submission of an Abandonment and Restoration Plan for the Old Waste Water Treatment Facilities
- Construction is substantially complete on the new Waste water Treatment Facility. During the inspection a number of deficiencies were identified by the Hamlet Foreman and Inspector and were to be addressed by the GN and contractor prior to commissioning
- The 2010 Annual Report was submitted as required

### Potable Source

- Personal protective equipment was noted on site
- Chlorine testing and truck sampling records were available for review in the Pump house
- Water usage data was available during the Inspection.

### Waste: Lagoon

- The old Waste Water Lagoon in the community is still in use as the newly constructed facility has not yet been commissioned.
- The Inspector sampled the effluent outfall at the original location as done during past inspections
- The New Lagoon was also inspected, a number of issues were brought forward by the licensee, these included;
  - A second truck dump location out of the prevailing wind is required
  - Guard stone on outside walls ( armouring) to prevent erosion is not present
  - Two corners( NW & SE) require fill to prevent ponding and erosion into lagoon
  - Sampling locations could not be identified at this time as there is no flow
  - Splash back wall on decant structure may be required to prevent effluent from overtopping dispersion culvert
- New SNP sites were not identified during this inspection as the site was not commissioned.

### 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.
- The Lack of a fence was identified in a number of previous inspections
- Batteries were found secured in the sea-can provided
- It is still unclear what haz mat will be shipped out of the community
- The Licensee has put a great deal of time and effort into the solid waste management area.

## Non-compliance

- HAMLET OF ARCTIC BAY** **3BM-ARC0810**  
**Non-compliance Overview between 2007 and 2011**

Part B (1i-iv) Failure to submit complete and accurate Annual reports

Part B (2) Failure to implement the Monitoring program

Part D (5) Failure to maintain and operate the Sewage Disposal facilities in a manner to prevent structural failure

Part B (10) Failure to submit a complete Plan for Compliance

Part B (11) Failure to submit Plans and Manuals that include a proposed timetable for implementation– A&R Plan WWTF and the O&M manual for the SWMA

Part D (9) Failure to implement Measures to control wind blown litter at the Solid Waste Management Area

Part D Item (8) Failure to segregate hazardous wastes

Part D (8) Failure to prevent run off or leachate from the Waste Management Areas from entering water

Part E (11) Failure to submit a Construction Summary Report along with stamped as-built plans and record drawings

Part F (1) Failure to submit an Operation and Maintenance manual for the Solid Waste Disposal Facility

Part F (2) Failure to submit the updated Consolidated O&M Manual as required by

Part G (1) Failure to submit as required the appropriate Abandonment and Restoration Plans

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

Part H (15) Failure to development and submit monitoring results for thermistor, standpipe, and settlement stations at monitoring stations ARC-11, ARC-12, and ARC-13 semi-annually

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