

# Multi Year Municipal Compliance Summary

<b>Sanikiluaq</b>	<b>3BM-SAM0308</b>
<b>Potable Source:</b>	<b>Sanikiluaq Lake</b>
<b>Licensee:</b>	<b>Hamlet</b>
<b>Start and Expiry Date:</b>	<b>11/28/2003      11/15/2008</b>
<b>Status:</b>	<b>Expired</b>
<b>Sampling:</b>	<b>Incomplete</b>

## Administrative Reporting General

Renewal application was submitted in 2008 but was deemed deficient. The Board solicited review of the application in February 2011. The renewal licence has not yet been issued. GN-CGS operates the water supply facilities on behalf of the Hamlet.

## 2007, 08, 09 Reporting

No Inspection reports are on file for these years.

## 2010 Reporting

### Potable Source:

Current water intake station was in process of being decommissioned at time of inspection; new intake station was not yet operational. Method of treatment is granulated chlorine (calcium hypochlorite, 70%), mixed to solution and injected to the water line during water truck pump/fill.

### For future inspection:

- No records for water usage were provided by the Hamlet;
- Spill kit(s) and personal protective equipment for chemical mixing and storage were not located

### Waste: Solid Waste Management Area

- Some segregation of wastes.
- Extremely messy, mixed wastes and is encroaching on the lagoon.
- Windblown garbage is widespread (and eventually blown to the ocean); repair of the fencing is required.
- Repair of mesh netting covering burn structure is needed
- Lack of overall management at the main dump (bulky wastes) area used: use of this area must be resolved between the Hamlet and CGS as wastes encroach on the sewage lagoon and may also be considered a fire and safety hazard.
- No signage observed or areas designated for segregation of wastes; no area properly designated for hazardous wastes, batteries, liquid waste products.
- The community is in need of a properly constructed storage and disposal area for liquid and hazardous wastes and contaminated soils. There is evidence of leaking drums and contaminated soil inside and outside of the gravel bermed area where waste fuel and liquid waste drums are deposited.
- No signage present.

### Waste: Lagoon

- Primary lagoon with continuous direct discharge to "wetland" effluent flow path before discharge to ocean.
- Lagoon has limited/insufficient capacity and continuously seeps through the gravel berm (or flows over), along a well established effluent flow path, before discharging to the ocean. Area is very well vegetated, which has prevented more serious erosion of the lagoon berm wall. Bulk waste area encroaches on lagoon.

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### 2011 Reporting

#### Potable Source:

- Fencing required around portion of the potable water lake
- Chlorine pump for water treatment not working properly, has to be manually done per truck. No records of water usage or treatment available.
- Filters for the water treatment not working properly. No filters onsite, waiting for a new order of filters to come in.
- No fish screens in place for the potable/raw water intake. Fish and other debris entering the pump house.

#### Waste: Lagoon

- Insufficient freeboard for the lagoon.
- Overtopping has occurred - Usually each spring.
- Offloading area for sewage trucks have eroded and different areas are being used to offload.
- Some garbage in the lagoon.

#### Waste: Solid Waste Management Area

- A couple of areas are being used to dump garbage. One is fenced and permitted and the other is not. The one that is not permitted has a large amount of construction materials from companies that work there.
- Lots of wind blown garbage out side of the fenced area.
- Hazardous waste improperly stored i.e waste oil with no cover. There is no liner where the waste oil is stored and oils are being spilled on the ground.
- Scrap metals, vehicles, tires etc stored outside of the fenced area at the back of the dump.

### SANIKILUAQ

3BM-SAN0308

#### Non-compliance Overview between 2007 and 2011

The Hamlet has provided many outstanding reports as a part of their renewal application. Unfortunately, the 2003-2009 Annual Reports were simply cut and pasted one from the other and only the water quantities changed.

Part B (1(i)) Failure to submit data generated under the monitoring program.

Part B (2) Failure to comply with the monitoring program.

Part B (4) Failure to measure the volumes of water and waste discharged to the satisfaction of the inspector.

Part B (5) Failure to post signage necessary for the monitoring program.

Part C (3) Failure to maintain the Water Supply Facilities to the satisfaction of the Inspector.

Part C (4) Failure to maintain the screen/mesh on the water intake hose.

Part D (3) Failure to maintain a freeboard limit of 1m in the sewage lagoon.

Part D (5) Failure to maintain and operate the Sewage Disposal Facility so as to prevent structural failure.

Part D (6) Failure to contain all solid wastes at the Solid Waste Disposal Facility.

Part D (7) Failure to properly contain hazardous waste so as to ensure materials and/or leachate do not enter water.

Part E (4) Failure to submit as-built designs for new Water Truck Fill Station built in 2010.

Part F (1) Failure to submit an O & M Manual for the sewage and solid waste disposal facilities.

Part H Failure to implement the monitoring program and to submit results of monitoring in annual report

Inspections and review completed by Field Operation Section, AANDC