

# Multi Year Municipal Compliance Summary

<b>Cambridge Bay</b>	<b>3BM-CAM0914</b>
<b>Potable source:</b>	<b>Water Lake (CGS)</b>
<b>Licensee:</b>	<b>Hamlet</b>
<b>Start and Expiry Date</b>	<b>4/30/2009      3/31/2014</b>
<b>Status:</b>	<b>Active</b>
<b>Sampling:</b>	<b>None</b>

## Administrative Reporting General

- Failure to provide Annual Reports since 2008
- Failure to conduct sampling and report results
- Failure to conduct and record chlorine testing
- Incomplete consumption records available during inspections

O&M Plan and A&R Plan not approved by NWB

## 2007 Reporting

- The Hamlet of Cambridge Bay operated without a water licence in September 2007. A renewal application had already been sent to the NWB by the time of the Inspection.
- The Hamlet has failed to initiate the Surveillance Network Program for the sampling areas which are designated in the NWB water licence. Signs should be put up identifying the Hamlet's potable water supply, both dumps, and the sewage lagoon.
- Fencing should be put in place for the lagoon, landfill, and metal dump to prevent wildlife, and the general public from entering these areas.
- Sewage effluent from the lagoon flows through the metal dump and further downstream into the ocean.
- The sewage lagoon has insufficient freeboard and mixes with the metal dump leachate.

## 2008 Reporting

- Effluent drains from Lagoon area and is tracked to community
- Leachates from metal dump mix and leach into lagoon effluent
- Abandonment and Restoration plans and manuals not submitted, no sampling

## 2009 Reporting

- Operation of WTP taken over by GN-CGS from Hamlet
- Repair work was occurring on underground conveyance line (potable); some flooding of system occurred this year
- Fuel tank at Water intake station close to water: requires inspection by certified professional
- Sewage lagoon is unconfined: seeping into landfill; drainage carries effluent through metals and municipal dump areas. Garbage carried out to open water.
- Lack of segregation and designated haz-waste area; mixed waste streams at both dump areas.
- Lack of signage, monitoring and reporting requirements.
- Unauthorized structure built by local contractor intended for storage of waste fuel products.
- Fuel Tank farm (Kitnuna): direct discharge of water from secondary containment berm to the environment occurs. Tank in use which sits outside tank farm berm. Maintenance of bermed areas required (fuel tank at refuelling station).
- Nunavut Power Corp truck refuelling station requires immediate attention and cleanup: heavy fuel staining outside of lined area.
- Fuel transfer station at float plane dock was left unlocked and unattended with refuelling nozzle and full jerry can left on the dock.

## 2010 Reporting

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### Potable Source

- The Government of Nunavut, Dept. of Community and Government Services provides the oversight and drinking water treatment services for the community.
- The Government of Nunavut does not currently have a license authorizing this activity.

### Waste: Lagoon

- Raw effluent is released into terraced ponds. Raw effluent entering outfall and ocean where fish were noted by Inspector.

### Waste: Waste Management Area

- Municipal Waste Management Area requires fencing
- Installation of the fence was ordered in a Direction in 2008
- The Municipal burn and bury requires work be undertaken to ensure combusted materials are properly covered over.
- Water was found to be pooling adjacent to the Municipal Waste Management Area and entering the effluent stream flowing off site.

### Non- Compliance:

- Government of Nunavut is providing Potable water Treatment and services without the authority of a license.
- Municipality was required to complete and submit a compliance Plan with 2010 Annual Report

## 2011 Reporting

### Potable Source

- The Government of Nunavut, Dept. of Community and Government Services provides the oversight and drinking water treatment services for the community.
- The Government of Nunavut does not currently have a license authorizing this activity.

### Waste: Waste Management Area

- The Facility is under construction.
- The renovations and modifications to include a Hazardous Materials area
- The solid non-hazardous waste metals area was being dewatered during the inspection
- The scrap metals to be buried in 4 trenches currently under construction
- The Municipal burn and bury facility for Municipal waste requires additional cover material
- A fence is scheduled to be erected this year and materials were noted on site
- Operations and maintenance manuals are to be submitted

### Waste: Lagoon

- The Waste Water Lagoon in the community is under construction/ modifications.
- The Facility has a dyke to retain the primary effluent (pond 1). This dyke has less than 1 meter of freeboard during the period of Inspection.
- A retention dyke has also been installed to prevent effluent from Pond 1 from entering and flooding the solid waste management area. This Dyke was leaking during the Inspection.
- A review of the NWB FTP site noted the presence of plans submitted in 2008 for the work being undertaken.
- As the work on the diversion of the lagoon systems outfall has not yet been completed the inspector could not locate sites for the SMP during this inspection.

### Non-Compliance of Act or Licence:

- Annual Reports for 2008, 2009, 2010, 2011 have not yet been filed with the Nunavut Water Board.
- None of the required sampling has been undertaken by the licensee.
- Plans and manuals have not been filed with the Nunavut Water Board.
- The Inspector noted Dykes that has less than the 1 metre required freeboard.
- The Licensee is reminded to have a copy of their Water License available for review.
- The Licensee was directed to provide to the Nunavut Water Board and the Inspector the following by March 31st 2012;
  - Annual Reports for 2008, 2009, 2010, 2011
  - All outstanding Plans as are required by the License

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### **HAMLET OF CAMBRIDGE BAY            3BM-CAM0914** **Non-compliance Overview between 2007 and 2011**

Part B (1a-i) Failure to submit annual reports for 2008, 2009, 2010 and 2011  
Part B (2) Failure to implement the Monitoring Program (this includes those requirements as listed in Part H – Monitoring Program)  
Part B (7) Failure to maintain a copy of the Licence at the Municipal Office  
Part B (8) 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 (5) Failure to provide 10 day notification to the Inspector.  
Part D (8) Failure to maintain sufficient Freeboard of 1 m at all times for all Dams and Dykes.  
Part D (9) Failure to maintain Sewage Disposal Facilities so as to prevent structural failure.  
Part E (4) Failure to provide signed and stamped drawings to the NWB within 90 days.  
Part F (1) Failure to submit an updated O&M manual.  
Part H (1-16) Failure to implement the Monitoring Program

Failure to comply with an issued Inspector's Direction

Inspections and review completed by Field Operation Section, AANDC