



Inspection Report

License #: 3BM-HAL

Inspector: A. Keim

CIDMS # 364781

Client	Municipality of Hall Beach		
Mailing Address	Box 3		
Inspection site location	Hall Beach , Nunavut		
Contact name	Annie Curley	Title	SAO
Last inspection date	August 10, 2008		
Inspection start date	July 20, 2009		
Region	Qikiqtani		



INAC, Nunavut District
P.O. Box 100
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Iqaluit, NU, X0A 0H0

Submitted Via E-Mail
Our File: 3BM-HAL0810
Your File: _____
CIDM # 364781

November 4, 2009

Annie Curley
Senior Administrative Officer
Municipality of Hall Beach
Box 3
Hall Beach, Nunavut
XOA OKO

RE: July 20, 2009 Hall Beach Municipal Water Licence Inspection 3BM-HAL0810

The following inspection report was generated on an inspection conducted to determine compliance with the terms and conditions of the renewal Water License issued to the Hamlet of Hall Beach by the Nunavut Water Board (NWB). The report references the water license and the findings observed at the time of Inspection. During the writing of this report a review was undertaken of the documents located on the Nunavut Water Board's FTP site.

The Inspector would like to thank Joelee Paniloo, of the Hamlet of Hall Beach for taking the time to meet during the inspection period and for acting as a guide for the Inspector.

Previous findings:

The community of Hall Beach has a current Water License (3BM-HAL0810) issued on May 16th, 2008. The term of the Water License is two years. The duration is based on compliance issues raised by Inspections conducted under the previous license (3BM-HAL0308).

Between 2003 and 2008 the following are reoccurring issues of Non-compliance within the Municipality;

- No annual reports have been filed under the current or past licenses.
- Little to no segregation of hazardous wastes is done in the Municipal Waste Management Area.
- Failure to produce Operation and Maintenance Manuals (For submission to the Nunavut Water Board).
- Lack of appropriate signage, and Surveillance Network Program (SNP) identification.
- Failure to implement the requirements listed under the Monitoring Program.
- Failure to develop and submit a QA/QC Plan.
- The Sewage Disposal Facility lacks sufficient holding time.
- Catastrophic failure of the Sewage Lagoon cell releasing over 13 million litres of effluent.

During the period of the 2009 Inspection the following issues were identified by the Inspector;

- Lack of segregation within the waste management area.
- Failure to segregate and properly store/dispose of hazardous wastes.
- Lack of appropriate signage and Surveillance Network Program (SNP) markers.
- Lack of suitable fencing around the Municipal Waste Management Area.
- Signs of Effluent within the Cell that failed in 2008.
- Evidence of effluent outside the containment area adjacent to the cell that failed in 2008.



Samples collected down-gradient from Lagoon by the Inspector returned the following results;

Parameter:	Result	NWTELS ¹ Criteria
Iron	1090.0 µg/L	300 µg/L

It is also notable that in the same samples collected down gradient from the Lagoon returned the following parameters that exceed the CCME Guidelines for the protection of Aquatic Life; Arsenic (14.0 µg/L) and Lead (18 µg/L)

Samples collected from the Potable Sources by the Inspector returned the following results;

Parameter:	Result	CCME – C.D.W. ²
Lead	22.0 µg/L	10 µg/L

Non-Compliance: Issues identified during the July 20th inspection and/or review of relevant material.

Issues with a known or anticipated human health impacts;

- Sewage treatment remains below an acceptable standard.
- The License has continued to fail to collect and submit for analysis the samples required under the Monitoring Program (Part H).
- The Licensee has failed to remediate the site of the sewage lagoon failure. Evidence of which was noted during the 2009 Inspection.

Issues where there is a known or anticipated environmental impairment;

- Failure to remediate and collect contaminated soils and gravel following the failure of the Lagoon in 2008.
- Failure to submit up-dates and clean up reports on the release.
- Failure to submit a report to the Inspector within 30 days of the release.
- Failure to segregate and contain hazardous wastes.
- Failure to install suitable fencing to prevent off site migration of municipal wastes.

Issues where there is a known or suspected violation of a requirement of the Water License;

- Submit required Annual reports (Part B (1 a through i)).
- Failure to maintain the appropriate signage, and Surveillance Network Program (SNP) (Part B (5)).
- Failure to submit as required a Plan for Compliance (Part B (10)).
- Failure to implement the requirements listed under the Monitoring Program (Part H).
- Failure to submit Operation and Maintenance Manuals as required (Part F (1)).

The Municipality of Hall Beach continues to operate in non-conformity with the terms and conditions of the Water License as issued. The Licensee is strongly encouraged to contact the Nunavut Water Board and the Inspector to determine what is required to achieve and maintain compliance with the issued license and the Act.

A. Keim
Inspector's Name

Inspector's Signature

Cc:

Peter Kusugak – Manager Field Operations Section- Indian and Northern Affairs Canada
Phyllis Beaulieu – Manager Licensing – Nunavut Water Board

¹ NWT Limits for Effluent Parameters for specific Discharges Criteria

² Canadian Council of Ministers of the Environment: Community Drinking Water Standards.













