

P.O. Box 119 Gjoa Haven, NU X0B 1J0 Tel: (867) 360-6338 Fax: (867) 360-6369 ۵۵° ΔLሮሊትና ቴ∩Lትዣ NUNAVUT WATER BOARD NUNAVUT IMALIRIYIN KATIMAYINGI OFFICE DES EAUX DU NUNAVUT

File: 3BM-GJOA0409

May 6, 2009.

The following summary report was prepared to take into consideration all information received as of May 1, 2009.

Subject: Assessment of Administrative Compliance for Municipal Water Licence Renewal

for the Hamlet of Gjoa Haven

The Nunavut Water Board ("NWB") has taken the opportunity to summarize the information received pursuant to water Licence NWB3GJO0409. A review of public registry files confirms that the following information is on file with the NWB, with respect to requirements of the Licence and if not found on the NWB FTP site, is available upon request for review along with the application.

LICENCE

Licence issued: January 8, 2004. Licence expiry: January 31, 2009.

ENFORCEMENT

Inspection Reports:

Year of Inspection:	Received:
2004	None on file.
2005	October 11, 2005.
2006	December 19, 2006.
2007	January 7, 2008.
2008	None on file.

Issues raised:

- Major issues with the lagoon including berm failure, erosion, seepage, and spills;
- Unacceptable water quality discharge from the lagoon;
- Mixing of sewage lagoon effluent with landfill leachate;
- ➤ Monitoring requirements;
- Operational and Maintenance Manual and Spill Plan not filed;
- Signage;
- ➤ Monitoring; and
- ➤ Landfill fencing.

GENERAL CONDITIONS (PART B)

Annual Report:

Year Reporting:	Received:
2004	Not received (not on file).
2005	Not received (not on file).
2006	Not received (not on file).
2007	Not received (not on file).
2008	Not received (not on file).

Licence	Requirement	Status
Condition		
B,2	The Licensee shall comply with the "Monitoring Program" described in this Licence, and any amendments to the "Monitoring Program" as may be made from time to time, pursuant to the conditions of this Licence.	See issue in Inspector's reports.
B,4	Meters, devices or other such methods used for measuring the volumes of water used and waste discharged shall be installed, operated and maintained by the Licensee to the satisfaction of an Inspector.	See issue in Inspector's reports.
B,5	The Licensee shall, within ninety (90) days after the first visit of the Inspector, post the necessary signs, where possible, to identify the stations of the "Monitoring Program." All signage postings shall be in the Official Languages of Nunavut, and shall be located and maintained to the satisfaction of an Inspector.	See issue in Inspector's reports.

WATER USE (PART C)

Licence Condition	Requirement	Status
C,2	The annual quantity of water used for all purposes	Unknown. No monitoring or
	shall not exceed 62,000 cubic metres.	annual reports submitted.

WASTE DISPOSAL (PART D)

Licence	Requirement	Status
Condition		
D,2	Effluent quality limits	See issue in Inspector's reports.
D,5	The Sewage Disposal Facility shall be maintained	The sewage lagoon berm failed.
	and operated, to the satisfaction of an Inspector in	See Inspector's reports.
	such a manner as to prevent structural failure.	
D,6	The Licensee shall dispose of and contain all solid	See issue with perimeter fencing
	wastes at the Solid Waste Disposal Facilities or as	in Inspector's reports.
	otherwise approved by the Board.	

D,7	The Licensee shall implement measures to ensure	See issue with sewage effluent
	hazardous materials and/or leachate from the Solid	mixing with landfill leachate in
	Waste Disposal Facility does not enter water.	Inspector's reports.
D,8	The Licensee shall submit to the Board for review	Not received (not on file).
	within six (6) months of the issuance of this license a	
	report identifying each Final Discharge Point. The	
	report shall at least include:	
	a. Plans, specifications and a general	
	description of each Final Discharge Point	
	together with its specific geo-referenced	
	location;	
	b. A description of how each Final	
	Discharge Point is designed and	
	maintained.	

CONSTRUCTION AND MODIFICATIONS (PART E)

Licence	Requirement	Status
Condition		
E,1	The Licensee shall submit to the Board for approval	Water intake modification
	design drawings stamped by a qualified engineer	approved on June 7, 2004.
	registered in Nunavut prior to the construction of any	However, as-built
	dams, dykes or structures intended to contain,	drawings not received.
	withhold, divert or retain water or wastes.	Amendment application to
		allow for the construction
		of a culvert and the
		realignment of a small
		creek within the hamlet of
		Gjoa Haven approved on
		September 15, 2008. The
		requested written summary
		and photographs of the
		culvert's installation and
		creek alignment, to be
		included in an annual
		report, has not been met

OPERATIONS AND MAINTENANCE (PART F)

Licence	Requirement	Status
Condition		
F,1	The Licensee shall, within 6 months of the issuance	Not received (not on file.)
	of this license, submit to the Board for approval, a	
	Plan for the Operation and Maintenance of the	
	Sewage and Solid Waste Disposal Facilities in	
	accordance with "Guidelines for Preparing an	
	Operation and Maintenance Manual for Sewage and	
	Solid Waste Disposal Facilities" (October 1996).	
	This Plan shall specifically address the hazardous	
	waste disposal and operational issues at the Solid	
	Disposal Facility, as well as the operational issues	
	identified at the Sewage Disposal Facility, which	

	were identified in the August 22, 2002 DIAND Inspection Report.	
F,4	If, during the period of this Licence, an unauthorized discharge of waste occurs, or if such a discharge is foreseeable, the Licensee shall: i. employ the appropriate contingency plan as provided for in the Operation and Maintenance Plan; ii. report the incident immediately via the 24-Hour Spill Reporting Line at (867) 920-8130 and to an Inspector; and iii. submit to an Inspector a detailed report on each occurrence not later than thirty (30) days after initially reporting the event.	See uncontrolled sewage effluent discharge as a result of berm failure identified in the Inspector's report.
F,5	In the absence of a contingency plan contained within an approved Operation and Maintenance Plan, and should during the period of this Licence an unauthorized discharge of waste occur, or if such a discharge is foreseeable, the Licensee shall: i. take whatever steps are immediately practicable to protect human life, health and the environment; ii. without delay seek guidance from the Departments of Community Government and Transportation and Sustainable Development with regards to mitigation and remedial actions required to address the discharge; ii. report the incident immediately <i>via</i> the 24-Hour Spill Reporting Line at (867) 920-8130 and to an Inspector; and iii. submit to an Inspector a detailed report on each occurrence not later than thirty (30) days after initially reporting the event.	Measures taken following the sewage lagoon berm failure are unknown.

ABANDONMENT AND RESTORATION (PART G)

Licence Condition	Requirement	Status
G,1	The Licensee shall submit to the Board for approval	N/A to date.
	an Abandonment and Restoration Plan at least six (6)	
	months prior to abandoning any facilities and the	
	construction of new facilities to replace existing ones.	

MONITORING (PART H)

Licence	Requirement	Status
Condition		
H 1-11	Monitoring	Nothing on file with the exception of sample results as
		taken by the Inspector.

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For:

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