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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: NWB3CHE0308

The following summary report was prepared to take into consideration all information received as of April 20, 2009.

Subject: Assessment of Administrative Compliance for Municipal Water Licence Renewal for the Hamlet of Chesterfield Inlet.

The Nunavut Water Board ("NWB") has taken the opportunity to summarize the information received pursuant to water Licence NWB3CHE0308. 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: December 15, 2003.
Licence expiry: December 31, 2008.

ENFORCEMENT

Inspection Reports:

Year of Inspection:	Received:
2003	December 12, 2003.
2004	March 3, 2004.
2005	None on file.
2006	None on file.
2007	None on file.
2008	August 1, 2008.

Issues raised (2008 inspection report):

- Water intake measuring device;
- Unacceptable Water Quality Discharge;
- Solid Waste Seepage;
- Operational and Maintenance Plan;
- Abandonment and Restoration Plan;
- SNP signage;
- Monitoring;
- General filing of information required pursuant to the water Licence.

GENERAL CONDITIONS (PART B)

Annual Report:

Year Reporting:	Received:
2003	Not received (not on file).
2004	Not received (not on file).
2005	Not received (not on file).
2006	Not received (not on file).
2007	Deficient.
2008	Not received (not on file).

Licence Condition	Requirement	Status
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.	No signs are posted. See 2008 inspection report.
B,6	The Licensee shall immediately report to the 24-Hour Spill Report Line (867-920-8130) any spills of Waste, which are reported to or observed by the Licensee, within the municipal boundaries or in the areas of the Water Supply or Waste Disposal Facilities.	Summary of spills provided in 2008 renewal application.

WATER USE (PART C)

Licence Condition	Requirement	Status
C,2	The annual quantity of water used for all purposes shall not exceed 20,000 cubic metres.	Unknown. No annual reports or monitoring data has been provided. 2008 inspection report notes the water intake measuring device as an issue. 2008 renewal application estimates that 20,000 cubic metres will not be exceeded.
C,3	The Licensee shall maintain the Water Supply Facilities to the satisfaction of the Inspector.	See inspection reports.
C,4	The water intake hose used on the water pumps shall be equipped with a screen with a mesh size sufficient to ensure no entrainment of fish.	Supplementary questionnaire indicates the presence of an 8-inch screen.

WASTE DISPOSAL (PART D)

Licence	Requirement	Status
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Condition		
D,1	The Licensee shall direct all Sewage to the Sewage Disposal Facilities or as otherwise approved by the Board.	Licence NWB3CHE0308 defines waste disposal facilities to include the following sewage disposal facility: “the area and engineered lagoon and decant structures designed to contain and treat sewage as described in the Application for Water Licence filed by the Applicant on June 17, 2003”. Currently, only wetland treatment is used. The renewal application proposes the construction of two (2) holding cells and two diversions berms. The holding cells will contain truck discharged effluent until release during the late summer/early fall. Diversion berms will be constructed near the end of the tundra wetland to define a new compliance point and channel effluent through it.
D,2	Effluent quality standards	See inspection reports.
D,4	The Licensee shall advise an Inspector at least ten (10) days prior to initiating any decant of the sewage lagoon.	Wetland treatment only. See inspection reports.
D,5	The Sewage Disposal Facility shall be maintained and operated, to the satisfaction of an Inspector in such a manner as to prevent structural failure.	Wetland treatment only. See inspection reports. Two holding cells proposed in renewal application.
D,6	The Licensee shall dispose of and contain all solid wastes at the Solid Waste Disposal Facilities or as otherwise approved by the Board.	See inspection reports. Diversion berms proposed in renewal application.
D,7	The Licensee shall implement measures to ensure hazardous materials and/or leachate from the Solid Waste Disposal Facility does not enter water.	See inspection reports. Diversion proposed in renewal application.
D, 8	The Licensee shall submit to the Board for review 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.	Not received (not on file).

D,10	The Licensee shall implement measures to control the deposition of waste from the Solid Waste Disposal Facility into the Sewage Disposal Facility.	See inspection report (2003). Diversion berms proposed in renewal application.
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OPERATIONS AND MAINTENANCE (PART F)

Licence Condition	Requirement	Status
F,1	The Licensee shall, within 6 months of the issuance 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 <i>"Guidelines for Preparing an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities"</i> (October 1996). In addition, this Plan shall specifically address hazardous waste disposal and operational issues at the Solid Disposal Facility.	An O&M Plan is in file, as submitted on 2004, for sewage and solid waste disposal. The O&M Plans have not been reviewed but appears unacceptable according to the 2008 inspection report. A spill contingency plan was requested as part of the O&M Plan and has not been submitted.

ABANDONMENT AND RESTORATION (PART G)

Licence Condition	Requirement	Status
G,1	The Licensee shall submit to the Board for approval 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.	Not received (not on file).

MONITORING (PART H)

Licence Condition	Requirement	Status
H,1-11	All	See inspection reports. Nothing on file. Appears to be a significant issue.

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