



Indian and Northern
Affairs Canada

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et du Nord Canada

Inspection Report

License #: 1BR-LOR0813

Inspector: A. Keim

CIDMS # 389661

Client	Contaminated Sites Division, Indian and Northern Affairs Canada		
Mailing Address	Box 2200 Iqaluit, Nunavut XOA OHO		
Inspection site location	Cape Christian, Nunavut		
Contact name	Natalie Plato	Title	Director
Last inspection date	Unknown		
Inspection start date	August 20, 2009		
Region	Kivalliq		



INAC, Nunavut District
P.O. Box 100
Building 918
Iqaluit, NU, X0A 0H0

Submitted Via E-Mail

Our File: 1BR-LOR0813

Your File: _____

CIDM # 389661

February 12, 2010

Dele Morakinyo, Project Manager
Indian & Northern Affairs Canada
Contaminated Sites Program
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RE: Water License Inspection Cape Christian Clean up project August 20 2009

The following inspection report was generated on an inspection conducted to determine compliance with the terms and conditions of the current water license (1BR-LOR0813) issued to the Indian and Northern Affairs Canada – Contaminated Sites Program by the Nunavut Water Board (NWB).

The report references the applicable parts of the current Water License (1BR-LOR0813) and the findings observed under each of those Parts. During the writing of this report a review was undertaken of the documents located on the Nunavut Water Board's FTP site. It was noted that at the time of the writing of this report an application for renewal was not found on the NWB FTP site.

The Inspector would like to thank Phillip Simon of Qikiqtaaluk Corporation (INAC Contractor) for taking the time to act as a guide and providing input during the Inspection.

Previous findings: None

- This is a new license and the first inspection of the site completed by an Inspector

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

- Secondary containment is required for all fuel storage on site.
- Fuel is not to be stored within 30 meters of water (including potable intake)
- Installation of the on-site UV system is recommended
- Effluent levels within the constructed lagoon were at much higher levels than anticipated due to the volume of precipitation. Effluent levels within the lagoon should not exceed the required 1 meter of freeboard.
- Licensee is to ensure that all modifications are to be submitted to the Nunavut Water Board for approval a minimum of 30 days prior to undertaking such works
- Secondary Containment for fuel storage on site should be constructed such that a layer of clean fill and cover material is installed over the impermeable liner to prevent rips etc. The current containment on site does not meet this standard and was ripped in numerous places. This is to be replaced by the period of the next inspection.
- Ground rutting and disturbance of the active layer around the site is to be avoided in the future and remedial action plans and proactive reclamation activities are to be initiated by the period of the next inspection.
- Licensee has materials and equipment crossing streams and causing damage to the banks of bodies of water



Non-Compliance: Issues identified during the August 20, 2009 inspection and/or review of relevant material

Issues with a known or anticipated human health impacts;

- None

Issues where there is a known or anticipated environmental impairment;

- Failure to install properly constructed Secondary Containment
- Failure to install sufficient secondary containment through the camp and project area
- Failure to install sediment and erosion control measures through the project area
- Licensee did haul hazardous wastes back through the community of Clyde River without proper authorizations
- Failure to take measures to prevent and minimize the impacts on surface drainage.
- Failure to remediate such damage
- Failure to minimize disturbance to Permafrost and drainage throughout the project area

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

- Failure to install properly constructed Secondary Containment (Part I(4))
- Failure to install sufficient secondary containment through the camp and project area (Part I(4))
- Failure to install sediment and erosion control measures through the project area (Part C (4))
- Licensee did haul hazardous wastes back through the community of Clyde River without proper authorizations (Part D(3))
- Failure to take measures to prevent and minimize the impacts on surface drainage. (part F(2))
- Failure to remediate such damage (Part E(14))
- Failure to minimize disturbance to permafrost and drainage through the project area (Part E (8))

The Licensee is encouraged to contact the Nunavut Water Board and the Inspector to determine next steps with respect to achieving and maintaining 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





























