



Inspection Report

License #: 8BW-CLY0810

Inspector: A. Keim

CIDMS # 395686

Client	Qikiqtaaluk Corporation		
Mailing Address	PO Box 1228 Iqaluit, NU X0A 0H0		
Inspection site location	70° 30'N; 68° 16'W 70° 30'N; 68° 31'W 70° 28'N; 68° 22'W; and Latitude: 70° 29' 23"N; Longitude: 68° 29' 27"W (Clyde River Bridge Crossing)		
Contact name	Harry Flaherty	Title	Project Director
Last inspection date	None		
Inspection start date	August 20, 2009		
Region	Baffin		



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

March 31st, 2010

Harry Flaherty, Project Director
Qikiqtaaluk Corporation
PO Box 1228
Iqaluit, NU X0A 0H0

Submitted Via E-Mail
Our File: 8BW-CLY0810
Your File: _____
CIDM # 395686

RE: Water Licence Inspection August 20, 2009

The following inspection report is generated on the information collected during a compliance inspection carried out on the road construction and watercourse crossing activities at the Clyde River Road Construction Project. The inspection was conducted to determine compliance with the terms and conditions of the Water License (8BW-CLY0810) issued to the Qikiqtaaluk Corporation by the Nunavut Water Board (NWB).

The report references the applicable parts of the Water License (8BW-CLY0810) and the findings observed under each of those parts. During the writing of this report a compliance review was undertaken of the documents, plans and manuals filed by the Licensee and located on the Nunavut Water Board's FTP site.

It is to be noted that this was the first Inspection of this project. Additionally, this project, although separate and apart from the Cape Christian Clean up project is undertaken by the same contractor and work is on-going concurrently with the Clean Up project to assist in the transportation off-site of materials removed from the clean up project.

Issues noted in previous Inspections;

- **None – First Inspection**

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

- Obvious rutting and destruction of cover materials and tundra along the old and proposed new road routes.
- Obvious signs of erosion and sedimentation into waters adjacent to the road construction pathways
- Fuel storage without secondary containment
- Use of vehicles on ground unable to support the weight of the vehicle
- Construction on and alteration of streambeds
- Construction of a roadway (route) not authorized by the license

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

Issues where there is a known or anticipated threat to human health.

- None noted

Issues where there is a known or anticipated environmental impairment;

- Sedimentation of stream beds and water pathways.
- Failure to implement erosion control.
- Failure to prevent rutting and destruction of permafrost.



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

- Failure to install sediment and erosion control measures that “shall be implemented prior to and maintained during the operation to prevent entry of sediment into water” contrary to **Part C Item 5** of Water License 8BW-CLY0810.
- Failure to “undertake the appropriate corrective measures to mitigate impacts on surface drainage resulting from the Licensee’s operations” contrary to **Part C Item 6** of Water License 8BW-CLY0810.
- Failure to “prepare all sites in such manner as to prevent rutting of the ground surface” contrary to **Part C Item 12** of Water License 8BW-CLY0810.
- Failure to prevent the use of equipment or vehicles in the course of this undertaking while the ground surface was not in a state capable of fully supporting the equipment or vehicles without rutting or gouging and for failing to cease said activity and travel if rutting occurs contrary to **Part C Item 15** of Water License 8BW-CLY0810.
- Failure “to provide the Nunavut Water Board ninety percent complete plans and drawings of the bridge and culverts prior to construction and installation. These plans and drawings shall be stamped by and Engineer” contrary to **Part G Item 4** of Water License 8BW-CLY0810.
- Failure “to monitor all activities for signs of erosion and shall implement and maintain sediment and erosion control measures prior to the undertaking to prevent entry of sediment into any water body” contrary to **Part J Item 1** of Water License 8BW-CLY0810.

NOTE: A Direction was issued to address these violations including implementing mitigation and remedial efforts to correct damage and prevent continued damage to the environment and fish habitat. Additionally the licensee was required to provide a compliance plan with clear timelines and dates to which they may bring themselves back into compliance.

A complete Inspection will be conducted in 2010.

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

Water License Inspection Photos Road construction Clyde River August 20 2009 CIDM #395695



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