

WATER USE INSPECTION REPORT FORM CIDM# 429037

Date: August 2 ,2010	Licensee Rep. (Name/Title): Ms. Akeego Ikkidluak- SAO , Mr. Miki Lyta – Hamlet Foreman		
Licensee: Municipality of Kimmirut		Licence No.:	3BM-KIM0911 - Renewal

WATER SUPPLY

Source(s): Fundo Lake	Quantity used: Unknown
Owner:/Operator: Municipality of Kimmirut	

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Intake Facilities: A	Storage Structure: A	Treatment Systems: A	Chemical Storage: NI
Flow Meas. Device: A	Conveyance Lines: NI	Pumping Stations: A	Screen : NI

Comments: The Municipality was provided a short term license to allow the Municipality the time necessary to come into compliance with the Terms and conditions contained within the License.

During the Inspection it was noted that the pumping station is now serviced by overhead power cable and is on the main grid for the community. The generator is now for back up use only.

Water testing records were found at the pumping station. Gloves and mask were also noted. Chlorination tank was half full. New signage found at site.

WASTE DISPOSAL

Sewage: Sewage Treatment System (Prim./Sec/Ter.):None

Natural Water Body: No	Continuous Discharge (land or water): Land	
Seasonal Discharge: NA	Wetlands Treatment: None	Trench: None

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Discharge Quality: U	Decant Structure: U	Erosion: U
Discharge Meas. Device: U	Dyke Inspection: NA	Seepages: NA
Dams, Dykes: U	Freeboard: NA	Spills: NI
Construction: NA	O&M Plan: U (none submitted)	A&R Plan: U
Periods of Discharge: Con.	Effluent Discharge Rate: Unknown	

Comments: The Hamlet of Kimmirut continues to discharge its sewage to a ditch which drains directly to the ocean.

The new lagoon roadway has still not been fixed. Work on the new lagoon has not yet been undertaken by the licensee.

The Municipality has indicated that they are awaiting support from the Government of Nunavut to address all of the deficiencies found in the 2009 Inspection report.

Solid Waste: Waste not segregated. Hazardous wastes noted both in Municipal land fill and outside on roadway.

Owner/Operator: Municipality of Kimmirut

Landfill: U	Burn & Landfill: U	Other: Bulk metals area
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Comments: The newly constructed solid waste management area (not yet commissioned) was found to have more vehicles and batteries than in 2009. The Hamlet foreman could not tell me where these large trucks and an old fire truck came from.

The Municipality has not designated an area for hazardous materials storage within the community. Waste oil and other drums were noted in outside the Municipal Waste Management Area along the roadside. Over 20 barrels of old glycol and waste oil were stockpiled outside the Waste Management Area by the local housing corporation. The Licensee is to remove these barrels and store them properly within a lined area and clean the spilled oil and other materials from that site.

Bulk metal wastes had been moved into the municipal dump.

The Municipal Waste Management Area (Burn and bury) now has adopted a practice of covering the recently burned materials with crushed rock and fill from an adjacent source. This slows and in some cases prevents ejection of materials from the site by high winds.

FUEL STORAGE: Not inspected.

Waste Oil Storage: Drums outside dump **Owner/Operator:** Housing Association
Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Berms & Liners: NI	Water within Berms: NI	Evidence of Leaks: NI
Drainage Pipes: NI	Pump Station & Catchments Berm: NI	
Pipeline Condition: NI	Condition of Tanks: NI	

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected		Owner /Operator: No samples from Municipality have been submitted
2		INAC: Potable water source & Effluent discharge
Signs Posted	SNP: (potable source)	Warning: None
Records & Reporting: No records of water usage, waste discharge, operations manuals or annual reports have been submitted by the licensee		
Geotechnical Inspection: N/A		

Non-Compliance of Act or Licence: The Pump house and intake were in operation and well kept. The Waste Management Area was found to be un-segregated and hazardous wastes were noted both inside the facility and outside on the roadway adjacent to the facility.

Human waste is deposited to a ditch that runs down gradient directly to the ocean adjacent to the Municipality.

The Municipality is reminded that the current license was issued to provide the Licensee the time and support necessary to ensure compliance with the Act.

The Municipality again indicated that they have asked the Government of Nunavut for assistance to complete the tasks necessary to come into compliance. These include the following;

- Assistance to repair the road to the new dump and lagoon as it is unsafe to travel
- Assistance to install two new berms at the new Lagoon (built 2001).
- Develop and submit the required report on wetlands treatment and overland flow monitoring.
- Assistance to relocate the new land fill from on top of the mountain to a more suitable location
- Assistance to construct a hazardous wastes area
- Assistance to produce the required operations and maintenance manuals
- Assistance to develop the required Abandonment and restoration plans as required.

A. Keim

Inspector’s Name

Sent by E-mail

Inspector’s Signature

