

WATER USE INSPECTION REPORT

Date: August 17 ,2009	Licensee Rep. (Name/Title): Ms. Akeego Ikkidluak- SAO , Killiktee Padluq MMOS supervisor
Licensee: Municipality of Kimmirut	Licence No.: 3BM-KIM0911 - Renewal

WATER SUPPLY

Source(s): Fundo Lake	Quantity used: 012829000 L on meter
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 has been provided a renewal/ extension license to allow the municipality the time necessary to come into compliance with the Terms and conditions contained within the License. Municipality recently hired 8 workers to pick up garbage and other waste from Lake shore and areas around the dump. Signage was present.

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 currently discharges its sewage to a ditch which drains directly to the ocean despite having a lagoon constructed 8 years ago on site. The new lagoon can not be used because the road is unsafe and in the current configuration the primary cell will not provide insufficient retention in spring. The municipality has indicated that they are awaiting support from the GN to address this.

Solid Waste: Waste not segregated, Hazardous wastes noted in Municipal land fill.

Owner/Operator: Municipality of Kimmirut

Landfill: U	Burn & Landfill: U	Other: Bulk metals area
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Comments: At the time the replacement Lagoon was constructed a new land fill was also constructed. The new land fill is situated on top of a mountain overlooking the potable water source. The Area has not yet been commissioned however upon inspection a number of old vehicles and old batteries were found on site. No hazardous materials area has been designated for use by the municipality. Waste oil and other drums were noted in the current land fill. Bulk metal wastes are stored beside the road outside the municipal dump. A section of fencing must be replaced at the current land fill. This must be done by the period of the next inspection.

FUEL STORAGE: Not inspected .

Waste Oil Storage: Drums are dump **Owner/Operator:** Government of Nunavut

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.		
Geotechnical Inspection: N/A		

Non-Compliance of Act or Licence: The water reservoir and intake were in operation and well kept. The waste management area was un-segregated and hazardous wastes were noted. 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 as issued contains a number of reporting and submission requirements that are necessary to ensure proper monitoring and compliance with the Act.

The Municipality has indicated they require assistance to complete the tasks necessary to come into compliance and have asked the Government of Nunavut for the following;

- Assistance to repair the road to the new dump and lagoon as it is unsafe to travel
- Assistance to repair / replace the new Lagoon (built 2001) which remains un-commissioned
- 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