

WATER USE INSPECTION REPORT FORM

CIDM# 429030

Date: July 27 , 2010	Licensee Rep. (Name/Title): Steven Ipeelee – A/SAO / David Arreak - Foreman
Licensee: Hamlet of Clyde River	Licence No.: 3BM-CLY0909 EXPIRED

WATER SUPPLY

Source(s): Water Source Lake	Quantity used: Records noted on site
Owner:/Operator: Municipality	442796 gallons Meter reading recorded

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

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

Comments: David Arreak and the Inspector attended the pumping station during the period of Inspection. At that time the chlorine mixing barrel and the holding tank for the chlorination meter were both found to be empty. A check of the chlorination records showed results well below that required. Also noted was the fact that both trucks were not being tested daily. A review of the recorded tests revealed that one or other of the trucks may go five plus days without being tested. The Hamlet was directed to change this and to test both trucks on a daily basis. The pumping station was found in good order and water levels in the lake were not noticed to be down from the same period last year. Samples were collected at the water in-take.

WASTE DISPOSAL

Sewage: Sewage Treatment System (Prim./Sec/Ter.): Primary cell and secondary cells

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

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

Discharge Quality: U	Decant Structure: A	Erosion: NI
Discharge Meas. Device: NA	Dyke Inspection: NI	Seepages: A
Dams, Dykes: A	Freeboard: A	Spills: NI
Construction: NI	O&M Plan: U	A&R Plan: U
Periods of Discharge: NI.	Effluent Discharge Rate: Unknown	

Comments: At the time of the Inspection it was noted that the Municipality had begun to discharge effluent into the second (newly constructed cell). It is unclear if a notification of commissioning had been received by the Inspector and clarification is sought from the Nunavut Water Board.

The original cell had been decanted in March and it appears that the contractor has installed a liner on the two sides of the lagoon adjacent to the new lagoon cell. The sludge appears to have been pulled away from the berm walls and piled in the center of the cell. A sludge management plan has not yet been provided by the Licensee and when asked about how the sludge in the lagoon was to be treated or disposed of the Municipality had no answers at this time.

It was also noted that given the size of the new second cell and the current rate of discharge the Municipality may not be required to decant from this cell for up to three years. No decanting was on-going during the inspection of the lagoon so no samples could be collected. Records and sample results were reviewed in the hamlet office from the March 2010 decant, electronic copies are to be provided to the Board and the Inspector as soon as possible.

Solid Waste: Hazardous waste noted.

Owner/Operator: Hamlet of Clyde River

Landfill: U – haz waste not in secondary containment	Burn & Landfill: U	Other: No fence installed
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Comments: Work to cover over the exiting burn and bury dump has been undertaken by the Municipality. However the plans to install a fence around the existing facility have not yet been fulfilled. A plan to move the Municipal Waste Management Area has again been delayed at the request of the Government of Nunavut.

The Hazardous Waste Management Area continues to be a problem. A number of barrels containing waste oils, lubricants and glycol are lying on their sides or leaking. This was brought to the attention of the hamlet in 2008 and 2009. In a meeting with the A/SAO following the Inspection it was committed to that a liner would be installed and this area would be cleaned up. This included marshalling the old and scrap batteries that were littering this site and the bulk non-haz metals waste area adjacent to it. This work is to be undertaken within 30 days of the Inspection and follow up pictures and a report are to be provided to the inspector.

FUEL STORAGE:

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: 0	Owner /Operator: Samples were collected and the results submitted	
Samples Collected: 1	INAC: Potable,	
Signs Posted	SNP: None	Warning: Some signs were noted
Records & Reporting: A 2009 Annual report was submitted by the licensee. Sampling results were incomplete. Signage must be addressed by the period of the next inspection.		
Geotechnical Inspection: N/A		

Non-Compliance of Act or Licence: Some of the issues identified during the 2009 inspection had been addressed by the Licensee however the Waste Management Areas and Hazardous Waste Management Area are still areas of concern for the Inspector.

The Municipality is reminded that they are required to submit a Plan for Compliance to the Nunavut Water Board and the Inspector. This plan has yet to be received.

The Municipality is currently operating without a Municipal Water License. The Municipality is strongly encouraged to take such measures that are within their power, to address this and bring themselves into compliance prior to the period of the next inspection.

A.Keim

Inspector’s Name

Sent by E-mail

Inspector’s Signature

