

WATER USE INSPECTION REPORT FORM

CIDM# 429145

Date: September 2 2010	Licensee Rep. (Name/Title): Mr. Guy Enuapik – Hamlet Foreman
Licensee: Hamlet of Whale Cove	Licence No.: 3BM-WHA0914

WATER SUPPLY

Source(s): Fish Lake	Quantity used: Unknown –
Owner:/Operator: Government of Nunavut	No GN staff were available to facilitate access

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: U	Conveyance Lines: A	Pumping Stations: A	Screen : NI

Comments: The Government of Nunavut, Dept. of Community and Government Services provides the oversight and drinking water treatment services for the community. The Pump house was unlocked so we entered the pump house. Records found on site were out of date an incomplete. During the Inspection it was found that during the regular fecal testing conducted by the Nursing center in the community **positive results** were found in the potable water for the community.

WASTE DISPOSAL

Sewage: Sewage Treatment System (Prim./Sec/Ter.): Primary cell and wetlands treatment

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

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

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

Comments: Sampled discharge from the Lagoon Seepage approximately 50 meters from the berm wall. The Lagoon in the community does not have sufficient capacity. The levels in the lagoon were within the one meter free board limit. Flow from the Lagoon was also noted exiting down gradient on the town side and into a body of water adjacent to the community.

Solid Waste: Non-combustible waste consolidated at waste metals area.

Owner/Operator: Hamlet of Whale Cove

Landfill: A- some segregation	Burn & Landfill: U	Other: requires burning
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Comments: The community Municipal Waste Management area was found to be fenced and well segregated from the Bulk/Metal Wastes. A location for Hazardous Wastes was not located. Samples were collected from run off from the Municipal Waste management Area.

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	

Waste Oil Storage: None noted

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected: 0	Owner /Operator: No samples from Municipality have been submitted	
Samples Collected: 3	INAC: Potable- Lake, Effluent discharge, Dump Leachate	
Signs Posted	SNP: None	Warning: Some signs were noted
Records & Reporting: No records of water usage, waste discharge.		
Geotechnical Inspection: N/A		

Non-Compliance of Act or Licence:

The Municipality of Whale Cove was issued a renewal license in 2009. The license required the Municipality to install a flow measurement device on at the freshwater pumping station. This has not been done.

It is noted that the Government of Nunavut retains ownership and control of the pumping station and water treatment system within the community of Resolute Bay. This service is provided via a local GN staff in the community of Whale Cove.

As the Government of Nunavut is providing this service in the community it is of concern to the Inspector why the Government of Nunavut does not have a Water License as required under the Act.

The community of Whale Cove must also ensure that proper maintenance and operations are conducted during the summer season. Decanting of the lagoon is required to prevent overtopping of the lagoon as well as prevent failures in the Dyke wall. Effluent from the Lagoon is also suspected of seeping through the Wall of the lagoon, under the truck drop off across the road and down gradient into the community.

The municipality is reminded that a number of sampling and other requirements are contained within the newly issued license. The municipality should ensure a copy is available for review.

<u>A.Keim</u>	<u>Sent by E-mail</u>
Inspector’s Name	Inspector’s Signature

