

WATER USE INSPECTION REPORT FORM CIDM# 429137

Date: August 3 , 2010	Licensee Rep. (Name/Title): Moe Keenainak ASAO, Ron Mongeau SAO
Licensee: Municipality of Pangnirtung	Licence No.: 3BM-PAN0810 (Expires August 31 2010)

WATER SUPPLY

Source(s): Duval River	Quantity used: 64,778,673.87 L (On Tap)
Owner/Operator: Municipality of Pangnirtung	Community reservoir is filled annually

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

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

Comments: Water from Duval River is piped to the reservoir annually. The pumping station was found to be clean and in working order. Chlorination records were found at the Hamlet garage.

The Licensee is required to ensure that all trucks are being tested on a regular basis. The water level in the reservoir was low during the period of inspection. Samples from Duval River were collected from under the bridge.

WASTE DISPOSAL

Sewage: Sewage Treatment System (Prim./Sec/Ter.): Primary/ mechanical

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

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

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

Comments:

The treatment plant is working over the designed capacity and is therefore not treating the effluent as well as could be expected. The plant is unable to process the quantities of effluent being produced locally.

Discoloration on the dispersion field was noted in both 2008 and 2009 and has continued to increase in size. There appears to be untreated effluent discharging from the plant and building up on the rocks. Recent renovations included an office for the workers.

Solid Waste: Municipal Land fill and Metals waste area

Owner/Operator: Municipality of Pangnirtung

Landfill: Not segregated	Burn & Landfill: U	Other: Hazardous Mat. Area: U
---------------------------------	-------------------------------	--------------------------------------

Comments: As noted in 2008 and 2009 the Solid Waste Management Area requires that segregation of Hazardous wastes into a lined containment area for storage, packaging for shipment off site is required.

A new metals / vehicle storage area has been created outside the boundaries of the existing solid waste management area.

Sludge from the Effluent Treatment Plant was noted in the waste management area adjacent to the fish offal. Large numbers of sea gulls were noted within the piles. The Licensee is reminded that sludge and fish offal are not to be dumped in the waste management area. Sludge and processing from the fish plant are to be buried.

No runoff or leachate could be located below the facility. No samples were collected.

FUEL STORAGE: Bulk fuel storage is owned by the Government of Nunavut

Waste Oil Storage: Municipal dump **Owner/Operator:** Municipality of Pangnirtung

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: Metal tanks: NI	

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected		Owner /Operator: No sampling results have been submitted
3		INAC: Effluent, leachate and Potable water
Signs Posted	SNP: none	Warning: No Signage present
Records & Reporting: No records of water usage or sampling.		
Geotechnical Inspection: N/A		

Non-Compliance of Act or Licence:

The Municipality continues to operate in contravention of the Nunavut Water and Nunavut Surface Rights Tribunal Act. An application for renewal of the current License should be submitted without delay.

A.Keim

Inspector's Name

Sent by E-mail

Inspector's Signature

