

WATER USE INSPECTION REPORT FORM

CIDM#429034

Date: August 22 2010	Licensee Rep. (Name/Title): Janice Anderson (SAO)
Licensee: Municipality of Grise Fiord	Licence No.: 3BM-GRI0911

WATER SUPPLY

Source(s): Glacial melt	Quantity used: Unknown
Owner:/Operator: Municipality of Grise Fiord	

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:

Melt water from the glacier and snow cover is collected in a ditch and gravity fed to community storage tank. The bottom of the ditch is to be lines and cleaned by the Licensee prior to the period of the next Inspection. The Licensee has also suggested that the Ditch may be enlarged to allow a better draw into the main tanks for the community. The inspector supports this proposal.

The SAO also took the time to show the Inspector why people from the community do not want to use the large river that flows past the community as a water source. The silt loading in the river was substantial. A separate location was suggested by the SAO which does have community support. This will be brought ahead to CG&S with the Government of Nunavut.

WASTE DISPOSAL

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

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

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

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

Comments: Decanting of lagoon had been completed prior to the arrival of the Inspector as the Levels had come within the 1 meter freeboard limit. No samples were collected.

Solid Waste: Municipal Land fill and Waste Metals areas

Owner/Operator: Municipality of Grise Fiord

Landfill: Not segregated	Burn & Landfill: U	Other: Hazardous Mat. area
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Comments: Municipal Land fill requires fencing as well as cover material to cover over the burn and bury.

Segregation of Hazardous wastes into a containment area as well as the removal of waste oil barrels into a lined containment area is required.

The Metals area also requires sorting.

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: I	Condition of Tanks: Metal tanks: Ni.	

Waste Oil Storage: Municipal Waste Management Area. The area is not lined properly and not segregated from the Non-hazardous wastes in the facility

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected		Owner /Operator: No samples results have been submitted	
1		INAC: 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:

A great deal of work is required to address the Municipal and Bulk / Metals Waste Management Areas including the segregation of hazardous materials onto a lined and bermed containment area.

The Municipality is working hard to achieve compliance with the Legislation.

One thing that was noted was the storage of barrels of oil and lubricants adjacent to a pond within the community by the Nunavut Power Corp. Despite repeated attempts to have these barrels stored in a safe manner they have not been moved. The Power Corporation will have 30 days from receipt of a copy of this report to remove these barrels from within the required 30 meter set back from water or further enforcement actions will be undertaken by the Inspector.

A.Keim

Inspector’s Name

Sent by E-mail

Inspector’s Signature

