

WATER USE INSPECTION REPORT

Date: August 2 <sup>nd</sup> ,2008	Licensee Rep. (Name/Title): Melodie Sammurtok & Katlyn McIntosh
Licensee: Shear Minerals Ltd	Licence No: 2BE-CHU0508

WATER SUPPLY

Source(s): Josephine Lake	Quantity used: Records noted
Owner:/Operator: Shear Minerals Ltd..	

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

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

**Comments:** Water for the exploration camp is -treated with UV and Filtration at the Exploration Camp. The Water intake pump is not metered and this must be addressed by the next Inspection.

WASTE DISPOSAL

**Sewage:**    Sewage Treatment System (Prim./Sec/Ter.): Incineration

Natural Water Body: NA	Continuous Discharge (land or water):NA		
Seasonal Discharge: NA	Wetlands Treatment: NA	Trench: NA	

**Comments:** Incinerator noted on site. A method for addressing urine is required.

Solid Waste:

Landfill: NA	Burn & Landfill: NA	Other: Incinerator & backhaul
--------------	---------------------	-------------------------------

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

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

**Comments:** An Incinerator is on site. Non-combustible wastes are back hauled to Rankin Inlet.

FUEL STORAGE:

**Waste Oil Storage:** None noted on site                      **Owner/Operator:** Shear Minerals .

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

Berms & Liners: U	Water within Berms: NA	Evidence of Leaks: NA
Drainage Pipes: NA	Pump Station & Catchments Berm: NA	
Pipeline Condition: NA	Condition of Tanks: NA	

**Comments:** Secondary Containment was not noted at the camp. 500 Plus barrels of assort fuels in and around camp poses a serious threat to the environment. Over wintering of this volume of fuel poses an unacceptable level of risk. Additionally, as what appears to be a land farming activity has been undertaken without the approval of the board the Licensee must apply for an amendment to their current license.

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected : 0		Owner /Operator: Shear Minerals Ltd	
Samples Collected : 0		INAC: Weather prevented the collection of a potable sample.	
Signs Posted	SNP: None		Warning: U
Records & Reporting: Annual reporting is required			
Geotechnical Inspection: N/A			

**Non-Compliance of Act or Licence:**    The Camp is well laid out and very clean. Vast improvements have been made since last year. The sumps were not as deep as required but much better defined than in previous inspection. The issue of this amount of fuel in camp and no secondary containment is of serious concern to the inspector. An Inspectors Direction will be issued to address these issues.

A.Keim  
Inspector’s Name

Sent by E-mail  
Inspector’s Signature