



WATER USE INSPECTION REPORT

Date: July 7, 2011	Licensee Rep. (Name/Title): Site Inactive
Licensee: Shear Minerals Ltd	Licence No.: 2BE-CHU0813

WATER SUPPLY

Source(s): Josephine Lake		Quantity used: NA	
Owner:/Operator: Shear Minerals Ltd			
Indicate: A - Acceptable U - Unacceptable NA - Not Applicable NI - Not Inspected			
Intake Facilities: NI	Storage Structure: NI	Treatment Systems: NI	Chemical Storage: NI
Flow Meas. Device: NI	Conveyance Lines: NI	Pumping Stations: NI	Screen : NI

Comments: Site was inactive at the time of the inspection, no water usage.

WASTE DISPOSAL

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

Natural Water Body: NA	Continuous Discharge (land or water): NA	
Seasonal Discharge: NA	Wetlands Treatment:	Trench:
Indicate: A - Acceptable U - Unacceptable NA - Not Applicable NI - Not Inspected		
Discharge Quality: NA	Decant Structure: NA	Erosion: NA
Discharge Meas. Device: NA	Dyke Inspection: NA	Seepages: NA
Dams, Dykes: NA	Freeboard: NA	Spills: NA
Construction: NA	O&M Plan:	A&R Plan:
Discharge: NA	Effluent Discharge Rate: NA	

Comments:

- The camp was not in use at the time of the inspection and no sewage or grey water was produced.
- The sump for sewage and grey water was partially full of water due to spring melt. A properly constructed berm should be built to contain and treat wastewater from the camp.

Solid Waste:

Owner/Operator: Shear Minerals

Landfill: NA	Burn & Landfill: NA	Other:
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Comments:

- The camp was not operational during the inspection.
- There is some garbage scattered around the camp that should be cleaned up. A couple of the tents were ripped open and this could have been the cause of the wind blown garbage around the site.

FUEL STORAGE:

Waste Oil Storage:

Owner/Operator:

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

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

Comments:

- There were a couple of fuel caches around the site that were not properly stored in secondary containment. All drums (full or partial) should be relocated into secondary containment.
- The one fuel cache that did have secondary containment was not properly contained. The wall of the containment berm had collapsed, and therefore was not providing secondary containment for the fuel cache.
- Each tent had a drum of fuel located next to it with a secondary containment berm; however it was full of water. The water should be treated if required and removed from the secondary containment.

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected	Owner /Operator: Shear Minerals

Samples Collected		Owner /Operator: Shear Minerals	
		INAC::NIL	
Signs Posted	SNP: None		Warning:
Records & Reporting:			
Geotechnical Inspection:			

Non-Compliance of Act or Licence:

- All drums should be relocated to properly constructed secondary containment.
- Water in secondary containment should be treated and discharged. Any and all discharges must meet the required discharge guidelines and be approved by the AANDC Inspector.
- A properly constructed sump should be built for the sewage and grey water discharge location.

Ian Rumbolt

Inspector’s Name

Sent by E-mail

Inspector’s Signature