



WATER USE INSPECTION REPORT

Date: August 9, 2011	Licensee Rep. (Name/Title): Graham Gill
Licensee: Uranium North Resources Corp.	Licence No.: 2BE-AUR1116

Uranium North Resources Corp is based at the Henik Lake Lodge owned by Ryan St. Jean. At the time of the inspection there were approximately 15 people onsite.

WATER SUPPLY

Source(s): Angikuni Lake	Quantity Permitted: 85 m3 per day
Owner:/Operator: Uranium North Resources Corp.	

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: Raw water is pumped from Angikuni Lake to the camp where it is stored in a 250 Gal holding tank.

- Water use records were not up to date at the time of the inspection. Consistent and accurate volumes for all water use is a requirement of the water licence and should be recorded daily while the camp is in operation.

WASTE DISPOSAL

Sewage: Sewage Treatment System (Prim./Sec/Ter.): Latrine Pits

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

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

Discharge Quality: Unknown	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: NI	A&R Plan: NI
Discharge: NA	Effluent Discharge Rate: Unknown	

Comments: Greywater for the camp is discharged to a sump which allows solids to settle before entering a wetland for further treatment. Latrine pits are used for sewage disposal which is treated with lime and backfilled. It was noted that the greywater discharge pipe for the laundry had broken apart, but was fixed immediately after it was identified.

Solid Waste:

Owner/Operator:

Landfill: NA	Burn & Landfill: NA	Other: burn barrel
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Comments: A burn barrel and bin is used to incinerate food wastes and general garbage. However, this is not properly managed. There were food wastes and plastic materials scattered around the burn bin and a number of burn pits on the ground which is not permitted, as per Part D, Items 3 & 4 of the current water licence. Proper management and disposal of solid wastes is required.

FUEL STORAGE:

Waste Oil Storage:

Owner/Operator:

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

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

Comments: Approximately 70 – 80 drums of fuel (Jet A and Jet B) stored onsite without secondary containment. The fuel is owned by various companies as well as AANDC and the GN-PPD. Each respective owner is responsible for the fuel storage and secondary containment is required.

- There were a few spills around the site that should be cleaned up and the contaminated soil must be disposed of appropriately.
- A dock used for float planes is being held up by 45 Gal drums. It is unknown if there was any residual fuel inside of the drums or if they are leaking. Also it was noted that 4 drums of fuel was within 10 feet of the water which is not permitted.

SURVEILLANCE NETWORK PROGRAM (SNP)

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

Non-Compliance of Act or Licence:

- Water use records must be recorded daily and available to the Inspector during the inspection.
- All fuel spills must be cleaned up and contaminated soil disposed of properly.
- Solid waste management is needed and proper disposal required for all solid waste produced at the camp. A proper incinerator approved by the NWB is required for this site.
- Open burning has occurred in the past, but this practise is not permitted and should not continue in the future.
- Fuel is not to be stored within 30 meters of the ordinary high water mark of any water body. Secondary containment is required for fuel stored onsite.

Ian Rumbolt
Inspector's Name

Sent by E-mail
Inspector's Signature