



WATER USE INSPECTION REPORT

Date: Aug 7, 2011	Licensee Rep. (Name/Title): Kim Sarauer
Licensee: Areva Resources Canada Inc.	Licence No.: 2BE-KIG0812

At the time of the inspection there were 35 people onsite. The camp field season opened on May 25th and was scheduled to shut down for the winter sometime in mid August. Three drills were operational for the field season and a total of 6000 meters of core had been drilled up to August 7th.

WATER SUPPLY

Source(s): Unnamed Lake	Quantity Used: 3 – 6 m ³ per day
Owner:/Operator: Areva	

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

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

Comments: There are 2 unnamed lakes that are being used by Areva. One lake is used to supply the camp and the other is used in the event of fires. The quantity of water used onsite is between 3-6 m3 and is treated with sand filters and UV treatment. Good records of water usage and were available at the time of the inspection.

WASTE DISPOSAL

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

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

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

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

Comments: There are a series of 2 sumps followed by overland treatment for the greywater from the camp. However, the sumps are not properly constructed and there is little freeboard and retention time for treatment before being discharged. A grease trap was installed to catch grease and other food wastes before the greywater is discharged to the sump.

- A properly constructed sump is required and should be in place before the next field season.
- Drill locations: Drill casing were sticking out of the ground and should be cut off and capped. Area around the drill site requires clean up due to drill cuttings not being properly contained.

Solid Waste:

Owner/Operator: Areva

Landfill: NA	Burn & Landfill: NA	Other: Incinerator
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Comments: All general wastes (food, paper product and clean wood) are burned in the incinerator. Hazardous wastes and non-combustibles are shipped back to Baker Lake for disposal. Materials (Hazardous and non-hazardous) are sorted properly and Areva is doing a good job of getting rid of their wastes.

FUEL STORAGE:

Waste Oil Storage:

Owner/Operator: Areva

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

Berms & Liners: A	Water within Berms: A	Evidence of Leaks: None
Drainage Pipes: NI	Pump Station & Catchments Berm: A	
Pipeline Condition: NI	Condition of Tanks: A	

Comments: Areva has their fuel storage area located a short distance away from camp. The fuel storage contains five 50,000 L double walled tanks (diesel), three 50,000 L double walled tanks for Jet-B and five drums of gasoline. Waste oil that accumulates at camp is stored in secondary containment and will be back hauled to Baker Lake for disposal.

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected		Owner /Operator: Areva	
		INAC:.No samples taken	
Signs Posted	SNP:		Warning:
Records & Reporting:			
Geotechnical Inspection:			

Non-Compliance of Act or Licence:

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Ian Rumbolt

Inspector’s Name

Sent by E-mail

Inspector’s Signature