

## WATER USE INSPECTION REPORT

Date: August 26,2009	Licensee Rep. (Name/Title): Mitzi Wall, Facility Mgr. & Barb Thomson, Nasittuq Environmental & Kim Kalen , DND Env. Officer.	
License: National Defence Canada		Licence No.: 3BC-SHE0409 – Extension

### WATER SUPPLY

Source(s): Water Supply Lake	Quantity used: 04481.1 gal on meter		
Owner:/Operator: National Defence Canada	Water meter working and log on site		
Indicate: A - Acceptable   U - Unacceptable   NA - Not Applicable   NI - Not Inspected			
Intake Facilities: A	Storage Structure: A	Treatment Systems: A	Chemical Storage: NA
Flow Meas. Device: A	Conveyance Lines: A	Pumping Stations: A	Screen : NI

**Comments:** Water is collected from the reservoir via truck and transported to the LRR Station. The water is first processed through a filter system and then a UV system. A meter was installed and noted.

### WASTE DISPOSAL

**Sewage:** Sewage Treatment System (Prim./Sec/Ter.): **NONE**

Natural Water Body: No	Continuous Discharge (land or water): Land	
Seasonal Discharge:	Wetlands Treatment: None	Trench: None
Indicate: A - Acceptable   U - Unacceptable   NA - Not Applicable   NI - Not Inspected		
Discharge Quality: A	Decant Structure: NA	Erosion: NA
Discharge Meas. Device: A	Dyke Inspection: NA	Seepages: NA
Dams, Dykes: NA	Freeboard: NA	Spills: A
Construction: NA	O&M Plan: N/A	A&R Plan: A
Discharge: Continuous	Effluent Discharge Rate: Unknown	

**Comments:** National Defence does not have a waste water treatment system on site. Waste is pumped from the Tanks in each train (accommodation unit) directly out into the environment. For the previous two years (at similar sites) the Licensee has been requested to install a treatment facility. This work must be completed before the period of the next inspection.

### Solid Waste:

**Owner/Operator:** National Defence Canada

Landfill: closed, requires remediation	Burn & Landfill: closed	Other: None
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**Comments:** An incinerator has not yet been installed on site. Kitchen and other wastes are currently being stored in drums on site. According to on site personnel these wastes are to be back-hauled to Cambridge Bay for disposal. Records of waste and destination are required to be provided in the annual report. Batteries and acid storage should be addressed.

### FUEL STORAGE: 1 above ground1 mill tank noted on site and three at beach area

**Waste Oil Storage:** Haz mat storage area. **Owner/Operator:** National Defence

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

Berms & Liners: A	Water within Berms: A	Evidence of Leaks: A
Drainage Pipes: NA	Pump Station & Catchments Berm: A	
Pipeline Condition: A	Condition of Tanks: Metal tanks: A.- Require inspection	

**Comments:** Licensee is to test for BTEX and HEM in water collected within the tank farm next spring prior to discharge to the environment. This is to be confirmatory sampling to ensure compliance.

### SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected	Owner /Operator: samples collected and reviewed	
1	INAC: potable water	
Signs Posted	SNP: none	Warning: Signage present
<b>Records &amp; Reporting:</b> records were on site and available for review		
<b>Geotechnical Inspection:</b> N/A		

**Non-Compliance of Act or Licence:** National Defence is in the process of applying for a renewal to the current water License. Issues identified must be addressed by the next inspection.

A.Keim

Sent by E-mail

Inspector's Name

Inspector's Signature