

WATER USE INSPECTION REPORT

Date: July 06,2009	Licensee Rep. (Name/Title): Capitan Patrick Bosse (OIC)
Licensee: Department of National Defence	Licence No.: Unlicensed

WATER SUPPLY

Source(s): Provided by Environment Canada	Quantity used: Unknown
Owner:/Operator: Environment Canada	Local service contract -

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

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

Comments: Environment Canada provides Ft. Eureka (DND) potable water from their collection reservoir. Water is trucked by DND to their facility. Water is treated by EC prior to use.

WASTE DISPOSAL

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

Natural Water Body: No	Continuous Discharge (land or water):	
Seasonal Discharge: decanting in Fall	Wetlands Treatment: None	Trench: None

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

Discharge Quality: NI	Decant Structure: NA	Erosion: NI
Discharge Meas. Device: NA	Dyke Inspection: NI	Seepages: A
Dams, Dykes: A	Freeboard: A	Spills: None
Construction: NI	O&M Plan: U (none submitted)	A&R Plan: U
Discharge: seasonal	Effluent Discharge Rate: Unknown	

Comments: National Defence has successfully reconstructed a 2 cell lagoon system with underflow pipe. Decanting will be required in fall of each year. A biologic digester is in use at the camp. Out buildings are not piped into system and have direct discharge to the environment. This must be addressed by the period of the next inspection.

Solid Waste: Numerous land fill sites are in use on site.

Owner/Operator: Environment Canada & National Defence

Landfill: Historic and recent use	Burn & Landfill: NA	Other: Bulk metals (Barrels)
-----------------------------------	---------------------	------------------------------

Comments: Landfill was covered over prior to Inspection. EC and National Defence are crushing and burying barrels on site. An estimated 3,000 barrels were onsite to be buried. A dual chamber Incinerator noted on site. Waste stream management in-house was excellent. Land-farming of contaminated soils noted on site. This activity is to be included in water license application.

FUEL STORAGE: four 50,000L double walled tanks in use. 2 Bladders with Containment.

Waste Oil Storage: Secondary containment on site **Owner/Operator:** National Defence

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

Berms & Liners: A	Water within Berms: NA	Evidence of Leaks: NI
Drainage Pipes: NA	Pump Station & Catchments Berm: A	
Pipeline Condition: A	Condition of Tanks: Metal tanks: A. : (Proper secondary containment is required prior to Bladders being put into service.)	

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected		Owner /Operator: No samples results have been submitted
None		INAC: Decanting was not ongoing during the inspection
Signs Posted	SNP: none	Warning: Signage present
Records & Reporting: No records of water usage, waste discharge, hazardous materials shipments		
Geotechnical Inspection: N/A		

Non-Compliance of Act or Licence: National Defence is in the process of applying for a water License. Licensing is required to achieve compliance with the Nunavut Water and Nunavut Surface Rights Tribunals Act.