

WATER USE INSPECTION REPORT FORM CIDM# 428919

Date: August 11, 2010	Licensee Rep. (Name/Title): Mitzi Wall, Facility Mgr. & Barb Thomson, Nasittuq Environmental & Kim Kalen, DND Env. Officer.	
License: National Defence Canada		License No.: 3BC-SHE0919

WATER SUPPLY

Source(s): Water Supply Lake	Quantity used: 54752 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: Effluent from the accommodations train includes both black and grey water which is discharged via pipeline to a newly constructed lagoon.

No samples were collected at the time of the inspection as there was insufficient effluent in the lagoon for decanting. Samples had been collected in July and these were available for review. It is noted that the Nunavut Water Board has not provided effluent discharge criteria within the license. It is unclear what effluent treatment standards the License must meet prior to the discharge of effluent from the newly constructed lagoon.

The Inspector calls on the Nunavut Water Board for clarification on this issue. Additionally, as noted within the License the licensee is required to sample effluent during months of flow. In discussion with the licensee and for clarification to the Licensee the Inspector has agreed that flow refers to any flow originating from the lagoon or during any period of decanting.

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 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 issues were addressed from the 2009 Inspection.

FUEL STORAGE: Tanks noted as registered.

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 annually 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	
0	INAC: None	
Signs Posted	SNP: none	Warning: Signage present
Records & Reporting: records were on site and available for review		
Geotechnical Inspection: N/A		

Non-Compliance of Act or Licence: The Licensee has taken steps over the last two years to ensure they bring themselves into compliance with the issued license and the Act. It is recommended that the site be inspected again in 2012 or 2013 to ensure continued compliance with the issued license.

A.Keim

Inspector's Name

Sent by E-mail

Inspector's Signature

