

WATER USE INSPECTION REPORT

Date: July 18,2009	Licensee Rep. (Name/Title): John Vanhoof –Site Mgr, Douglas Craig DCC
Licensee: Defence Construction Canada	Licence No.: 1BR-LON0813

WATER SUPPLY

Source(s): Water Supply Lake		Quantity used: recorded and provided	
Owner:/Operator: Quantum Murray		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: Water is collected by pump then trucked to camp where it is treated and stored in holding tanks. Treatment includes filtration, UV and Chlorine injection. Residual chlorine is measured daily. Camp staff members are using household Bleach in Chlorine injection unit. Records of water intake are collected and were provided during inspection.

WASTE DISPOSAL

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

Natural Water Body: NA	Continuous Discharge (land or water): NA	
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: A	Dyke Inspection: NI	Seepages: A
Dams, Dykes: U	Freeboard: U	Spills: A
Construction: NI	O&M Plan: A	A&R Plan: A
Discharge: Daily	Effluent Discharge Rate: Unknown	

Comments: The camp has a Fixed Activated Sludge Treatment system (FAST) that was ramping up during the Inspection. Once running the effluent should meet direct discharge criteria but will be deposited in the 2 cell lagoon for extra treatment prior to release. An incinerator was on site and noted to be working properly.

Solid Waste:. On-going clean up.

Owner/Operator: Quantum Murray

Landfill: Historic use only	Burn & Landfill: NA	Other: Bulk metals (Barrels)
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Comments: Solid waste generated by the camp is incinerated as per the license. Hazardous wastes are to be transported of site.

FUEL STORAGE: 4 tanks present on site.

Waste Oil Storage: None

Owner/Operator: Quantum Murray

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

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

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected		Owner /Operator: Sampling results present during inspection	
1		INAC: Potable water source	
Signs Posted	SNP: present		Warning: Signage present
Records & Reporting: records of water usage, waste discharge,			
Geotechnical Inspection: N/A			

Non-Compliance of Act or Licence: Defence Construction Canada is within the terms and conditions as set out in the current water License.

A.Keim

Inspector’s Name

Sent by E-mail

Inspector’s Signature