

## NWB Annual Report

Year being reported:

2012

License No: 1BC-NWT1113

Issued Date: August 18, 2011

Expiry Date: September 30, 2013

Project Name:

Northern Watch Technology Demonstration Project

Licensee:

Defence Research and Development Canada - Atlantic

Mailing Address:

9 Grove Street, PO Box 1012

Dartmouth, NS

B2Y 3Z7

Attention: Bruce Grychowski

**Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):**

Tamara Van Dyck - Defence Construction Canada

DGME - NDHQ 101 Colonel By Drive, Ottawa, ON K1A 0K2

## General Background Information on the Project (\*optional):

The DRDC Northern Watch Technology Demonstration Project will demonstrate an Arctic maritime surveillance capability to the Department of National Defence and other concerned federal departments. This is a multi-year undertaking and is based at Gascoyne Inlet.

The surveillance demonstration system will be unmanned, semi-autonomous, and remotely controlled through a satellite system connection to one of the DRDC centres. The project plan will culminate in a six month capability demonstration between August 2014 and August 2015.

**Licence Requirements: the licensee must provide the following information in accordance with**

Part B

Select

**A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.**

Water Source(s):

melt water stream

Water Quantity:

5

Quantity Allowable Domestic (cu.m)

0.13

Actual Quantity Used Domestic (cu.m)

Quantity Allowable Drilling (cu.m)

Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

☒ Solid Waste Disposal☒ Sewage☐ Drill Waste☒ Greywater☐ Hazardous

☐

Other:

Additional Details:

All solid waste produced by the camp was flown back to Resolute for disposal.  
 Sewage was shipped to Resolute for disposal in the Resolute sewage pond.  
 Greywater was screened and returned to the ground via a loose gravel surface.

**A list of unauthorized discharges and a summary of follow-up actions taken.**Spill No.:  (as reported to the Spill Hot-line)Date of Spill: Date of Notification to an Inspector: 

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

**Revisions to the Spill Contingency Plan**

SCP submitted and approved - no revision required or proposed



Additional Details:

**Revisions to the Abandonment and Restoration Plan**

AR plan submitted and approved - no revision required or proposed



Additional Details:

**Progressive Reclamation Work Undertaken**

Additional Details (i.e., work completed and future works proposed)

N/A

**Results of the Monitoring Program including:**

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;**

Details described below



Additional Details:

Melt water stream - Latitude 74 Degrees 39 Minutes 40 Seconds  
 - Longitude 91 Degrees 16 Minutes 40 Seconds

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;**

Details described below ▼

Additional Details:

Grey water - Latitude 74 Degrees 39 Minutes 27 Seconds  
- Longitude 91 Degrees 18 Minutes 18 Seconds

**Results of any additional sampling and/or analysis that was requested by an Inspector**

Select ▼

Additional Details: (date of request, analysis of results, data attached, etc)

**Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.**

Select ▼

Additional Details: (Attached or provided below)

**Any responses or follow-up actions on inspection/compliance reports**

Select ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

**Any additional comments or information for the Board to consider**

**Date Submitted:**

March 8, 2013

**Submitted/Prepared by:**

Tamara Van Dyck, DCC

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