

NWB Annual Report

Year being reported:

2011

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 6 month capability demonstration between August 2014 and August 2015.

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

Part B

Item 1

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) | |
| | 0.28 | 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 incinerated on site ash went to Resolute for disposal. 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)

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 attached



Additional Details:

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 attached



Additional Details:

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

No additional sampling requested by an Inspector or the Board ▼

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.

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

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

No inspection and/or compliance report issued by INAC ▼

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

Any additional comments or information for the Board to consider

Date Submitted:

March 27, 2012

Submitted/Prepared by:

Tamara Van Dyck, DCC

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GPS Coordinates for water sources utilized

[illegible]

GPS Locations of areas of waste disposal

[illegible]