



5 March 2015

Phyllis Beaulieu
Licensing Manager
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Dear Phyllis:

Project No: Water Use License 1BR-DYE0914 2014 Annual Report
Regarding: DYE-M, Cape Dyer DEW Line Site

Defence Construction Canada is providing the attached annual report form as per Section B.1 of the above noted water use licence. The report is being submitted on behalf of the Department of National Defence.

In addition to the annual report form, we are providing a summary of the work completed on site in the 2014 field season.

The following is a summary of the work completed in 2014:

The remediation construction work at DYE-M was completed in September 2013. During the 2014 field season construction activities were limited to the final stages of site rehabilitation and contractor demobilization. The final stages of site rehabilitation consisted of aggregate production for the resurfacing of the runway; during the lengthy remediation of DYE-M the runway experienced a great deal of usage, resurfacing was required to return the runway to its former condition. A lift of 0.10 m of Type 7 granular fill was added to the surface of the runway, approximately 26,131 m³ of aggregate was extracted.

Following the work being completed on the runway, the contractor demobilized all equipment associated with the remediation work that was carried out at DYE-M.

The construction camp sewage lagoons were decommissioned.

Monitoring Activities included:

- Wastewater sampling was conducted weekly at the sewage lagoon
- Drinking water sampling was conducted weekly at the Construction Camp sources.

- First year landfill monitoring

Work to be completed in 2015 includes only the continuation of the DEW Line Clean Up Longterm Monitoring Program. 2014 Monitoring Reports will also be submitted to NWB.

We trust the information provided is sufficient. Please feel free to contact the undersigned if you require any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'TV-D', with a stylized flourish extending to the right.

Tamara Van Dyck BSc
Coordinator, Environmental Services
Defence Construction Canada
613-995-9741
Tamara.VanDyck@dcc-cdc.gc.ca

NWB Annual Report

Year being reported:

2014 ▼

License No: 1BR-DYE0914

Issued Date: June 9, 2009

Expiry Date: May 31, 2014

Project Name: DEW Line Clean Up Project - DYE-M, Cape Dyer Site

Licensee: Defence Construction Canada/Department of National Defence

Mailing Address:

Tamara Van Dyck
 Coordinator, Environmental Services
 Defence Construction Canada
 180 Kent St, 14 Floor, Ottawa, ON K1P 0B6

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

General Background Information on the Project (*optional):

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):	Water Supply Lake		
Water Quantity:	110/day	Quantity Allowable Domestic (cu.m)	
	100/42 days	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:

745 cu. m. of sewage effluent and greywater
 deposited into sewage lagoons

Additional Details:

Details regarding waste management were provided in the supporting documents included with the Water Use Licence application.

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 3, 2015

Submitted/Prepared by:

Tamara Van Dyck, Defence Construction Canada

Contact Information:

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Fax: 613-996-9847

email: Tamara.VanDyck@dcc-cdc.gc.ca

GPS Coordinates for water sources utilized

[illegible]

GPS Locations of areas of waste disposal

[illegible]