

NWB Annual Report

Year being reported: 2016

License No: 8BC-NNF1418 Issued Date: November 4, 2014
Expiry Date: November 3, 2018

Project Name: Nanisivik Naval Facility Construction Project

Licensee: Department of National Defence

Mailing Address: Rodney Watson, Project Manager
Department of National Defence
101 Colonel By Drive, Ottawa, ON
K1A 0K2

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

General Background Information on the Project (*optional):

In 2007, the Prime Minister announced plans to increase Canadian military presence in Canadian Arctic waters. This increased presence is associated with patrolling of naval vessels in Arctic waters during the navigable season, as well as a deep-water naval facility to support the patrol vessels. The Nanisivik Naval Facility will serve primarily as a deep-water refuelling and resupply station to serve the Arctic Offshore Patrol Ships (AOPS), Canadian Coast Guard and other government ships during the navigable season in the Northwest Passage (i.e., July to October). The Nanisivik Naval Facility may also serve to receive, marshal, hold and distribute cargo and goods from commercial vessels for the Government of Canada.

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):	Industrial Source - East Twin Lake and/or Twin Lakes Creek, Industrial and Domestic Source - Hamlet of Arctic Bay		
Water Quantity:	1356/year	Quantity Allowable Domestic (cu.m)	
	793/year	Actual Quantity Used Domestic (cu.m)	
	500/year	Quantity Allowable Industrial Use (cu.m)	
	1400/year	Total Quantity Used Industrial Use (cu.m)	

Waste Management and/or Disposal

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

☐ Other:

Additional Details:

No waste water disposal occurred at Nanisivik Naval Facility during the 2016 field season. All water extracted from the source was used for dust suppression. Sewage was disposed of through the Community of Arctic Bay into their wastewater facility. Solid waste that was not suitable for recycling or incineration and hazardous waste was packaged and shipped for disposal in the south.

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)

09-10-2016 Ethylene glycol 4 litres; 09-06-2016 Fuel approximately 50 litres; 07-30-2016 Diesel 20 litres

There was no impact to water for the above noted spills, all impacted soil was removed and either shipped to the south for disposal or treated on-site in CanZino remediation area.

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;

Not Applicable (N/A)



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;

Not Applicable (N/A)



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

Inspection Report received by the Licensee (Date):



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

The INAC Inspection Report is dated 21 Sept 2016

Any additional comments or information for the Board to consider

The INAC Inspection Report was issued by Justin Hack; the report did not contain 'Non-Compliance' items or 'Action Required' items.

Date Submitted:	April 4, 2017
Submitted/Prepared by:	Tamara Van Dyck
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GPS Coordinates for water sources utilized

[illegible]

GPS Locations of areas of waste disposal

[illegible]