

NWB Annual Report

Year being reported:

2020

License No: 8BC-NNF1920

Issued Date:

July 22, 2019

Expiry Date:

November 30, 2020

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

Sarah Rahmer
 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:

1200/year	Quantity Allowable Domestic (cu.m)
0/year	Actual Quantity Used Domestic (cu.m)
0/year	Quantity Allowable Industrial Use (cu.m)
0/year	Total Quantity Used Industrial Use (cu.m)

Waste Management and/or Disposal

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

☐ Other:

Additional Details:

Due to COVID-related restrictions, limited activities occurred during the 2020 construction season including delivery of materials via the 2020 sealift, inspection of the ND tank monitoring wells and inspection of the current infrastructure, equipment, camp and materials. The intent is to complete the planned activities in 2021, pending the removal of COVID-related public health restrictions.

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)

Several minor spills (less than 2 litres) noted during site monitoring under parked vehicles and construction equipment. Impacted soil removed and absorbent pads / spill trays placed under equipment to mitigate further drips from parked equipment. Weekly monitoring of the site is completed by local contractor staff.

There was no impact to water for the above noted spills, all impacted soil was removed and will be either shipped to the south for disposal or treated on-site in 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)

Date of inspection 2020-08-16.
Inspector comments: numerous small spills observed at site (under parked equipment). Report and cleanup observed spills.
Corrective action by construction contractor: Spills reported to GN spill report line. Impacted soil removed and absorbent pads / spill trays placed under equipment to mitigate further drips from parked equipment. Continued weekly monitoring of the site is completed by local contractor staff.

Any additional comments or information for the Board to consider



Date Submitted:
Submitted/Prepared by:
Contact Information:

March 30, 2020
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