

NWB Annual Report

Year being reported: 2025

License No: 8WLC-NWT2526 Issued Date: June 10, 2025
Expiry Date: July 9, 2026

Project Name: Northern Watch Technology Demonstration Project

Licensee: Defence Research and Development Canada (DRDC)

Mailing Address: 9 Grove Street
Dartmouth, NS
B2Y 3Z7
ATTN: Patrick Sangster

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):
Defence Construction Canada on behalf of Patrick Sangster - Defence Research & Development Canada. 180 Kent Street, 14th floor, Ottawa ON K1P 0B6

General Background Information on the Project (*optional):

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 system	
Water Quantity:	1 cu m per day	Quantity Allowable Domestic (cu.m)
	0.910 cu m per day	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:
Waste was sealed into containers and transported back to Resolute for disposal. Human waste is sealed by a PACTO waterless bag toilet unit and transported offsite for disposal.

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

No Abandonment and Restoration (AR) Plan submitted or approved
 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)

N/A

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)

N/A

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)

N/A

Any additional comments or information for the Board to consider

Water was primarily obtained from the glacial melt stream providing sufficient water throughout the season as common year to year.

A newly installed Wash Hut ran off a temporary reverse osmosis (RO) system, which draws salt water from the Inlet. The impellers were found to be a weak point in this system, and the unit was turned off pending modifications and/or installation of a robust permanent system.

Date Submitted:	March 10, 2026
Submitted/Prepared by:	Marc M. Bouchard, DCC on behalf of DRDC (A)
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