

NWB Annual Report

Year being reported:

2016 ▼

License No: 8AC-ALT----

Issued Date: August 4, 2010

Expiry Date: July 31, 2015

Project Name:

Canadian Forces Station (CFS) Alert, Nunavut

Licensee:

Department of National Defence - Real Property Operations-ADM(IE)

Mailing Address:

Real Property Operations Group
 Department of National Defence
 Assistant Deputy Minister (Infrastructure & Environment)
 101 Col 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):

8 Wing Environmental Management
 Room 308, Building 22, 74 Polaris Ave.
 Department of National Defence - 8 Wing/ CFB Trenton
 Box 1000, Stn Forces
 Astra, Ontario, K0K 3W0

General Background Information on the Project (*optional):

Under Renewal & Amendment: 8AC-ALT---- Type A
 (formerly 8BC-ALT1015 Type B).

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):

Upper Dumbell Lake, Nunavut.

Water Quantity:

185

Quantity Allowable Domestic (cu.m)

539

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:

Landfarms

Additional Details:

Appendix A: Monitoring Program Station No. ALT-1
 Appendix B: Monitoring Program Stations No. ALT-2-3
 Appendix C: Monitoring Program Stations No. ALT-4-5-6-7
 Appendix D: Monitoring Program Stations No. ALT-8-9-10-11

Appendix E: June Analysis Results for ALT-4-5-6-8-9-10
 Appendix F: July Analysis Results for ALT-4
 Appendix G: List of Waste Disposal Activities / Copies of Movement Documents
 Appendix H: Progressive and Final Reclamation Work Undertaken

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)

A hydraulic line on a vehicle (Skid Steer) detached and spilled 3L of hydraulic fluid on sea-ice, off-shore from CFS Alert. Stained and contaminated snow and ice were removed by spill responders and incinerated. The spill was reported by DND to the NT-NU Spill Report Line, INAC and ECCC.

Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed ▼

Additional Details:

No revisions required.

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed ▼

Additional Details:

No revisions required.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

See Appendix H.

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 described below ▼

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 described below ▼

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

At the time of this Annual Report submission, DND has submitted a Water Licence amendment/renewal application. The Annual Report was prepared according to the former 3BC-ALT1015 Water Licence.

Date Submitted:

March 31, 2018

Submitted/Prepared by:

Andrew Tam, PhD

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GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Upper Dumbell Lake	82	29	6.2	-62	28	9.5

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Alert Battery Dump	82	29	16	-62	23	15.32
Alert Main Station Landfill	82	30	17	-62	20	14.89
Alert Dump # 3	82	29	18	-62	20	57.01
Landfarm (ALT-11)	82	30	40	-62	18	37.6
Millionaire's Dump	82	29	19	-62	21	30.4
Sewage Terrace/Outf all	82	29	56	-62	21	4.8
Landfarm (ALT-10, new)	82	29	58	-62	21	16