

NWB Annual Report

Year being reported:

2017



License No: 8BC-ERK1621

Issued Date: November 25, 2016

Expiry Date: November 24, 2021

Project Name: Canadian Forces Station (CFS) Eureka, 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):

Formerly 3BC-ERK1015.

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): Eureka ECCC Weather Station

Water Quantity:

n/a

Quantity Allowable Domestic (cu.m)

n/a

Actual Quantity Used Domestic (cu.m)

n/a

Quantity Allowable Drilling (cu.m)

n/a

Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

☒ Solid Waste Disposal☒ Sewage☐ Drill Waste☐ Greywater☒ Hazardous☒ Other:

Landfarm

Additional Details:

Appendix A: Monitoring Program Station No. ERK-1
 Appendix B: Monitoring Program Station No. ERK-2
 Appendix C: Monitoring Program Stations No. ERK-3-4-5

Appendix D: List of Waste Disposal Activities
 Appendix E: Progressive and Final Reclamation Work Undertaken
 Appendix F: Analysis Results from June Runoff 2017
 Appendix G: Compliance Plan

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)

Jet Fuel Spill of 200L by a forklift puncturing a drum. Spill was contained on a pallet and absorbed using spill absorbing materials. Contaminated snow was recovered. Reported to the NT-NU Spill Report Line and INAC & ECCC.

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)

See Appendix E.

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;

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

Inspection and Compliance Report received by the Licensee (Date): ▼

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

CFS Eureka was inspected by the INAC Inspectors on or around July 4, 2017. DND received the Inspection Report on 25 September 2017. A general Compliance Plan is provided in Appendix G.

Any additional comments or information for the Board to consider

A. CFS Eureka was only operational for one month in June 2017; the Station was closed/unoccupied for the other 11 months.

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

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
DND Sewage Lagoon	79	59	39	-85	50	39
East Runway Landfill	79	59	29	-85	46	37
Barrel Dump	79	59	38	-85	49	38
Battery Dump	79	59	44	-85	49	35