

NWB Annual Report

Year being reported: 2011 ▼

License No: 3BC-ERK1015 Issued Date: June 18, 2010
 Expiry Date: June 30, 2015

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

Licensee: Department of National Defence - 1 Canadian Air Division

Mailing Address: A4 Construction Engineering
 Department of National Defence - 1 Canadian Air Division
 PO Box 17000, STN Forces, Winnipeg, MB, R3J 3Y5

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):

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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 Environment Canada 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: Abandonment and Restoration Plan
 Appendix G: Analysis Results from June Runoff 2011
 Appendix H: Compliance Plan - Follow Up on 2011 Inspection Report

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)

There were no unauthorized discharges and/or spills reported in 2011 at CFS Eureka, Nunavut.

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 addendum attached for Board consideration ▼

Additional Details:

A&R Plan was approved by NWB Motion 2011-18L01 dated January 6th, 2012. As required, a revised A&R Plan is attached in Appendix F of this Annual Report for the Board's consideration.

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 Report received by the Licensee (Date):



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

The 2011 Inspection Report (Water Use Inspection) from AANDC was received on behalf of the Licensee representatives on 29 July 2011. Please see Appendix H for Compliance Plan.

Any additional comments or information for the Board to consider

-This is CFS Eureka's second Annual Report Submission for 3BC-ERK1015.
-CFS Eureka closed for the season near the end of July 2011.
-The Station is closed during the winter and is open briefly during the summer.

Date Submitted:

March 31, 2012

Submitted/Prepared by:

Andrew Tam, MSc, PhD (Candidate)

Contact Information:

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GPS Coordinates for water sources utilized

| Source Description | Latitude | | | Longitude | | |
|-----------------------|----------|-------|-------|-----------|-------|-------|
| | ° Deg | , Min | , Sec | ° Deg | , Min | , Sec |
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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 |
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