

NWB Annual Report

Year being reported: 2011



License No: 1BR-EKA1017

Issued Date: March 1, 2012

Expiry Date: September 30, 2017

Project Name: FOX-C Ekalugad Fjord Remediation Project

Licensee: Aboriginal Affairs and Northern Development Canada (AANDC)

Mailing Address:

PO Box 2200
Iqaluit NU
X0A 0H0

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

N/A

General Background Information on the Project (*optional):

The FOX-C Intermediate Distant Early Warning (DEW) Line Site was constructed in 1957 and subsequently abandoned in 1963. It is located on the Northeast coast of Baffin Island, Nunavut on the south shore of Ekalugad Fjord. It is approximately 240 kilometres northwest of Qikiqtarjuaq and 260 kilometres south of Clyde River.

The remediation phase of the FOX-C Ekalugad Fjord Remediation Project was completed over 3 field seasons (2006-2008). Monitoring activities for the first year of the 25-year long-term monitoring plan for this project were completed on August 27th, 2009. In general, site conditions were good and the non-hazardous landfill was performing as designed.

Due to weather related time restriction, the Lake, Beach, Mid- and Upper Station Areas could not be observed in 2011.

Monitoring efforts were conducted on July 27, 2011 consisting of a visual inspection and natural environment monitoring. Overall, physical observations suggest the NHWL is in good condition and performing as designed.

The attached report *Long term Monitoring, 2011 FOX-C, Ekalugad Fjord, Nunavut*

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):	Monitoring Wells at Non-Hazardous Landfill (See GPS Coordinates Page)	
Water Quantity:	5 per annum	Quantity Allowable Domestic (cu.m)
	0	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:

Additional Details:

No waste was deposited of at the site during the one-day long-term monitoring visit.

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

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)

WORK COMPLETED:
 - Visual monitoring of the NHWL
 - Natural environment monitoring

- The five monitoring wells on site could not be sampled as they were frozen

FUTURE WORK PROPOSED

-Continue the 25 year Long-Term Monitoring Plan

-Future events if warranted, will occur in 2013, 2015, 2018, 2023 and 2033.

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 attached



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 attached



Additional Details:

No water was deposited during the Long-Term Monitoring activities

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)

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Any additional comments or information for the Board to consider

Overall, physical observations suggest that the NHWL is in good condition and performing as designed to contain the enclosed waste.

Date Submitted:
Submitted/Prepared by:
Contact Information:

July 28, 2014
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GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	Deg °	Min ,	Sec '	Deg °	Min ,	Sec '
Non-Hazardous Landfill Monitoring Wells (MW) :						
MW South	68	43	47	-68	39	12.76
MW East	68	43	50	-68	39	7.523
MW North	68	43	51	-68	39	15.45
MW Northwest	68	43	49	-68	39	17.39
MW Southwest	68	43	48	-68	39	16.36