

NWB Annual Report

Year being reported: 2010 ▼

License No: 1BR-SAR0916

Issued Date: March 8, 2009

Expiry Date: January 30, 2016

Project Name: CAM-F Sarcpa Lake Long-Term Monitoring

Licensee: Indian and Northern Affairs Canada

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 CAM-F Intermediate Distant Early Warning (DEW) Line Site was constructed in 1957 and subsequently abandoned in 1963. It was converted to a scientific research station in 1977 under the Science Institute of the Northwest Territories and Canada, Department of Indian and Northern Affairs and operated seasonally until 1988. The site is located on the Melville Peninsula, approximately 85 km west of Hall Beach, and 100 km south-west of Igloolik, Nunavut.

The planned two year remediation phase of the CAM-F Sarcpa Lake Remediation Project were completed in April 2008. The site is now undergoing long-term monitoring which involves a 1-2 day site visit during monitoring years.

The third year of the 25-year long-term monitoring at the CAM-F site was completed in September 2010.

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 - water samples only	
Water Quantity:	N/A	Quantity Allowable Domestic (cu.m)
	< 0.025	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:

The Long-term Monitoring team visited site September 7, 8 and 9, 2010. Activities were based out of the community of Igloodik. Minimal (< 0.05 m3) domestic waste generated during on site activities (lunch bags, paper, etc.) was removed from site and disposed of in Igloodik or Iqaluit.

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)

N/A

Revisions to the Spill Contingency Plan

No Spill Contingency Plan (SCP) submitted or approved



Additional Details:

N/A

Revisions to the Abandonment and Restoration Plan

No Abandonment and Restoration (AR) Plan submitted or approved



Additional Details:

N/A

Progressive Reclamation Work Undertaken

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

WORK COMPLETED

- Demobilization (April 2008)
 - Remove equipment from site
 - Transport hazardous material south for proper disposal
- Long-Term Monitoring (August 2008)
 - Year 1 of the long-term monitoring plan has been completed
- Long-Term Monitoring (August 2009)
 - Year 2 of the long-term monitoring plan has been completed
- Long-Term Monitoring (September 2010)
 - Year 3 of the long-term monitoring plan has been completed

FUTURE WORK PROPOSED

- Long-Term Monitoring
 - Started in 2008, continues until 2032
 - Year 4 of the of the 25-year long term monitoring plan scheduled for August 2011.

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:

GPS locations of the Monitoring Wells appear in the Table provided in this template.

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:

N/A

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

In accordance with the requirements of the licence under Part B Section 1, please find attached as Appendix A to this, the 2009 1BR SAR0916 Annual Water Licence Report, a report dated December 10, 2010 and titled *Long-Term Monitoring, 2010 CAM-F, Sarcpa Lake, Nunavut* hereafter referred to as the 2010 LTM Report.

The 2010 LTM Report contains the information required under Part B Section 1 of the licence, specifically:

a. Table B-8 in Appendix B of the 2010 LTM Report provides summaries of all data generated under the Long Term Monitoring Program to date.

b. An Executive Summary of the 2010 LTM Report appears on the second page in Inuktitut.

Date Submitted:

March 18, 2011

Submitted/Prepared by:

Natalie Plato

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GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Monitoring Well (MW) 1	68	33	6.798	-83	18	52.25
MW 2	68	33	5.982	-83	18	42.54
MW 3	68	33	5.244	-83	18	43.87
MW 4	68	32	49.03	-83	18	17.8
MW 5	68	32	45.21	-83	18	20.28
MW 6	68	32	45.52	-83	18	22.94

GPS Locations of surface water monitoring points

Location Description (type)	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Not Applicable						