

**RECEIVED**

By clerk at 11:24 am, Apr 01, 2011

NWB2(insert)

NWB Annual Report

Year being reported: 2010

License No: 3BC-ACP1010 Issued Date: June 29, 2010  
Expiry Date: December 31, 2010

Project Name: Arctic Carbonates

Licensee: Benoit Beauchamp

Mailing Address: Arctic Institute of North America,  
University of Calgary, Calgary, AB  
T2N 1N4

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):  
Arctic Institute of North America, University of Calgary

General Background Information on the Project (\*optional):

This was a small 3 people research expedition to Ellesmere Island in July 2010. Due to bad weather only three of the five planned localities were visited. Minimal amount of water was used (0.2 cubic meter)

Licence Requirements: the licensee must provide the following information in accordance with

.....

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):	Water melted from snow patches	
Water Quantity:	5 c. m. per annum	Quantity Allowable Domestic (cu.m)
	0.2 c. m. in total	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:

**SUMMARY REPORT: All garbage and solid human waste was burned as much as possible. Unburned garbages and human waste were collected, sealed and shipped to Resolute for disposal. Water was scooped out of melted snow with a water bottle. No water was returned to the source. One small grey water pit was dug at each of the three locations. All greywater pits were backfilled after usage. Displaced rocks around tents were placed back to their original position. The sites were left in absolute pristine conditions.**

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

N/A - not applicable

Additional Details:

**Revisions to the Abandonment and Restoration Plan**

N/A - not applicable



Additional Details:

**Progressive Reclamation Work Undertaken**

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

**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;**

.....



Additional Details:

Location 01: 78 deg 20 min 30 sec N; 86 deg 00 mn 50 sec W  
Location 02: 78 deg 24 min 03 sec N; 85 deg 49 min 53 sec W  
Location 03: 78 deg 20 min 25 sec N; 85 deg 23 min 33 sec W

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;**

.....



Additional Details:

Location 01: 78 deg 20 min 30 sec N; 86 deg 00 mn 50 sec W  
Location 02: 78 deg 24 min 03 sec N; 85 deg 49 min 53 sec W  
Location 03: 78 deg 20 min 25 sec N; 85 deg 23 min 33 sec W

**Results of any additional sampling and/or analysis that was requested by an Inspector**

.....



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.**

.....



Additional Details: (Attached or provided below)

**Any responses or follow-up actions on inspection/compliance reports**

.....



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

--

**Any additional comments or information for the Board to consider**

--

**Date Submitted:**

March 31st 2011

**Submitted/Prepared by:**

Benoit Beauchamp

**Contact Information:**

**Tel:** 403 220-7516

**Fax:** 403 282 4609

**email:** [bbeaucha@ucalgary.ca](mailto:bbeaucha@ucalgary.ca)