

**RECEIVED***By clerk at 1:10 pm, Apr 21, 2011*

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NWB Annual Report

Year being reported: 2010



License No: 3BC-CBA1015

Issued Date: June 9 2010

Expiry Date: September 30 2015

Project Name: Cape Bounty Arctic Watershed Observatory Melville Island

Licensee: Scott Lamoureux

Mailing Address: Department of Geography  
Queen's University  
Kingston, ON  
K7L 3N6

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

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

Research project to determine impact of climate change on water resources and related landscape and ecosystem components

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

Part B



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**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):	Streams, lake	
Water Quantity:	5	Quantity Allowable Domestic (cu.m)
	4	Actual Quantity Used Domestic (cu.m)
	0	Quantity Allowable Drilling (cu.m)
	0	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

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

Additional Details:

Human solid waste disposed of in latrine pits > 150 m from surface water.  
Greywater disposed of in screened sump pit > 100 m from surface water**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)

No spills occurred

### 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:

Activity ongoing seasonally during licence period.

### Progressive Reclamation Work Undertaken

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

No reclamation work required.

### 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:

Water monitoring carried out in numerous locations for research purposes.

**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:

**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**

Compliance Report received by the Licensee (Date):



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

INAC report received September 2010.

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

**Date Submitted:**

April 21, 2010

**Submitted/Prepared by:**

Scott Lamoureux

**Contact Information:**

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## GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	Deg	Min	Sec	Deg	Min	Sec
(all names unofficial)						
West Lake	74	53	49	109	36	11
West River	74	54	15	109	36	11
East River	74	53	42	109	31	30
Goose Creek	74	54	43	109	55	38
ALD05 Creek	74	54	51	109	36	6
Ptarmigan Creek	74	55	7	109	36	10
Caribou Creek	74	55	22	109	36	43
Big Slide Creek	74	55	5	109	36	31
East Lake	74	53	51	109	32	3

### GPS Locations of areas of waste disposal

[illegible]