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By Licensing Administrative Assistant at 12:33 pm, May 09, 2011

NWB2(insert)

NWB Annual Report

Year being reported: 2010



License No: 3BC-DRA1012

Issued Date: May 15, 2010

Expiry Date: May 31, 2013

Project Name: Drake Point Project

Licensee: Melissa Lafreniere

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 and permafrost disturbance on water quality and related landscape and ecosystem components

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

Part B

**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 near Drake South Camp		
Water Quantity:	5	Quantity Allowable Domestic (cu.m)	
	1	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.: N/A (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

NA- not applicable



Additional Details:

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 (NA)



Additional Details:

We did not carry out monitoring only random sampling of 1L or less of surface waters for research purposes. We sampled 7 streams/creeks across the Drake Point region. I have detailed only GPS locations for sites where we removed more than 1 L of water

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:

We disposed of grey water and human wastes in pits near camp (> 150 m from water) and returned any non-combustible food/camp wastes to Resolute Bay for disposal.

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)

Our water use was limited. WE had a four person camp for 10 days. The locations of sites where we collected water for drinking and cooking are indicated on the next sheet.

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)

Any additional comments or information for the Board to consider

Date Submitted:

May 9, 2011

Submitted/Prepared by:

Melissa Lafrenière

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