

NWB Annual Report

Year being reported: Select ▼ 2012License No: 3BC-DRA1012 Issued Date: May 15, 2010
Expiry Date: May 31, 2013Project Name: Drake Point ProjectLicensee: Melissa LafreniereMailing 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 ▼ Item 2 ▼**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 and lake near Camp at Cape Collingwood (
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.: (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

Additional Details:

Revisions to the Abandonment and Restoration Plan

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;

Additional Details:

We did not carried out sampling of 1L or less of surface waters for research purposes. We sampled 52 streams/ponds across the Drake Point region. The only site where > 1 L of water was removed was from the our drinking water source. See attached map.

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:

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.(76°30'4.60"N, 108°39'20.10"W)

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 relatively limited. WE had 2 person camp for 25 days. The locations where we collected water for drinking/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:

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Submitted/Prepared by:

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Nunavut Water Board

Standard Form for Annual Reporting Requirements of NWB2 Exploration Water Licenses

Under the terms of your water licence issued by the Nunavut Water Board ("NWB") for the use of water and the disposal of waste into water associated with mineral exploration (NWB2 Licenses), Licensees are required to submit to the NWB an Annual Report no later than March 31st of the year following the calendar year being reported.

In order to aid the Licensee with the preparation of the Annual Report and facilitate its review by the NWB, Licensees are **required** to use the following form.

Recommendation and Helpful tips for use:

Metric units shall be used to report any relevant data.

How to Add additional space within Text boxes - Right click mouse on the row number (directly to the left of your screen) which falls within the text box range and click insert. **Do not drag or drop text box to modify size of the text box because formatting will not be maintained and data will be lost.** If you have large amounts of data recommend adding additional worksheets. Go to the help menu for assistance.

Electronic versions should be submitted in Adobe to ensure protection of your information. If you do not have shortcut keys to save as a PDF. Go to print menu . Choose to print "Entire Worksheet" then select printer option Adobe PDF and you will be prompted to save the document as a PDF document. Reminder ensure you have saved your document in Excel so that future changes can be made.

Modify the Header - Select "View" then "Header" from the main menu. Select "Custom Header" and change to reflect the valid Water Licence No.

Textboxes denoted with * are optional.

Annual Reports shall be submitted by either fax, mail or email in adobe acrobat or Excel format to:

Nunavut Water Board
c/o Manager of Licensing
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Tel: 867-360-6338
Fax: 867-360-6369
Email: licensing@nunavutwaterboard.org

GPS Coordinates for water sources utilized

Source Description (all names unofficial)	Latitude			Longitude		
	Deg °	Min ,	Sec '	Deg °	Min ,	Sec '
Stream Near Camp, Cape Collingwood	76	30	4	108	39	20
Lake 2km from Camp	76	32	10	108	42	50

GPS Locations of areas of waste disposal

[illegible]