

# 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](mailto:licensing@nunavutwaterboard.org)

NWB Annual Report

Year being reported: 2013 ▼

License No: 3BC-NEI1215 Issued Date: May 8, 2012  
Expiry Date: May 7, 2015

Project Name: Northern Ellesmere Ice Shelves, Epishelf Lakes & Climate Impacts

Licensee: Dr Luke Copland

Mailing Address: Department of Geography  
University of Ottawa  
60 University Pvt (Room SMD047)  
Ottawa, Ontario K1N 6N5

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):

The project consists of small temporary scientific camps in tents

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):	Milne Fiord Epishelf Lake, and a stream flowing into this lake		
Water Quantity:	10	Quantity Allowable Domestic (cu.m)	
	0.8	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:

Urine and greywater was disposed of on land, appox. 0.02 cu. m per day. Solid human waste was flown out and disposed of in Resolute Bay

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 unauthorized discharges occurred

### Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed ▼

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)

N/A

### 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 described below ▼

Additional Details:

Water was used at the spring camp in Purple Valley ( 82°29'20.6983"N, 80°46'45.7668"W), and a camp at the Purple Valley summer strip (82°27'57.1862"N 80°43'29.2755"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;**

Details described below ▼

Additional Details:

Greywater and urine was disposed of ~50 m to the west of the spring Purple Valley camp (82°29'10.8054"N, 80°45'42.2334"W) and ~200 m away from the stream at the summer strip (82°27'49.5292"N, 80°44'00.5156"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)

**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**

Two small temporary scientific camps were used. In spring the camp consisted of 1 kitchen tent, 1 gear tent and 4 personal tents, occupied for 3 weeks by 4 people. In summer the camp consisted of 2 personal tents and 1 kitchen tent, and was occupied for 2 weeks by 2 people. All water use was for domestic purposes.  
Fuel in 45 gal barrels was placed in a secondary containment unit .

**Date Submitted:**

Aug. 4, 2016

**Submitted/Prepared by:**

Luke Copland

**Contact Information:**

**Tel:** 613 562 5800 x2826

**Fax:** 613 562 5145

**email:** [luke.copland@uottawa.ca](mailto:luke.copland@uottawa.ca)

### GPS Coordinates for water sources utilized

[illegible]

### GPS Locations of areas of waste disposal

[illegible]