

**NWB Annual Report**

**Year being reported:** 2010 ▼

**License No:** 3BC-MBA0919 **Issued Date:** March 23, 2009  
**Expiry Date:** March 31, 2019

**Project Name:** Mass Balance of Arctic Glaciers & Arctic Pollution Project

**Licensee:** David Burgess

**Mailing Address:** Geological Survey of Canada,  
 Northern Canada Division  
 Rm 516, 601 Booth Street, Ottawa  
 K1A 0E8

**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):**

This project involves site visitation and field measurements of glacier mass balance and snow contaminants sampling on 4 ice caps and 1 glacier in the Canadian high Arctic. The glacier mass balance measurements obtained from this work provide a

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

Select ▼ Select ▼

**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):	Melting snow and glacier ice		
Water Quantity:	5	Quantity Allowable Domestic (cu.m)	
	3	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:**

Water use was for domestic purposes only. All solid waste and greywater were properly contained and disposed of in Resolute Bay, Nunavut

**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;**

Details described below



Additional Details:

Agassiz Ice Cap, 80.79661N 72.90223W  
Devon Ice Cap, 75.33988N 82.67631W  
Meighen Ice Cap, 79.96153N 99.14461W

**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**

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**

<b>Date Submitted:</b>	October 22, 2010						
<b>Submitted/Prepared by:</b>	David Burgess, Geological Survey of Canada						
<b>Contact Information:</b>	<table border="1"> <tr> <td><b>Tel:</b></td> <td>613-995-5891</td> </tr> <tr> <td><b>Fax:</b></td> <td></td> </tr> <tr> <td><b>email:</b></td> <td><a href="mailto:david.burgess@nrcan.gc.ca">david.burgess@nrcan.gc.ca</a></td> </tr> </table>	<b>Tel:</b>	613-995-5891	<b>Fax:</b>		<b>email:</b>	<a href="mailto:david.burgess@nrcan.gc.ca">david.burgess@nrcan.gc.ca</a>
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