

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

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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:

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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)

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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)

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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)

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Any additional comments or information for the Board to consider

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Date Submitted:

October 22, 2010

Submitted/Prepared by:

David Burgess, Geological Survey of Canada
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