



March 30, 2012

Our reference
IQALUIT-#519654

Sent by email: licensing@nunavutwaterboard.org

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
Gjoa Haven, Nunavut
X0E 1J0

Your reference
3BC-EAS0811

**Re: Type 'B' Water Licence No. 3BC-EAS0811, Renewal Application –
East Bay Biological Field Camp – Environment Canada (Amie Black)
– Kivalliq Region**

Dear Phyllis,

Thank you for your February 28, 2012 request for written representations on the above referenced water licence application.

A Technical Review Memorandum is provided for the Board's consideration.

Please do not hesitate to contact me by telephone at 867 975-4555 or email at David.Abernethy@aandc-aadnc.gc.ca to discuss this submission.

Regards,

David W. Abernethy
Regional Coordinator
Water Resources Division, Operations Directorate
Nunavut Regional Office
Iqaluit, Nunavut
X0A 0H0

Encl.

c.c.: Murray Ball, Manger of Water Resources, AANDC Nunavut Regional
Office

Technical Review Memo

TO	Phyllis Beaulieu Manager of Licensing Nunavut Water Board	OUR REFERENCE File #9545-2-2.3BC.EASA IQALUIT-#519654
FROM	David Abernethy Water Resources Regional Coordinator Aboriginal Affairs and Northern Development Canada	YOUR REFERENCE 3BC-EAS0811 DATE March 30, 2012
SUBJECT	Type 'B' Water Licence No. 3BC-EAS0811, Renewal Application – East Bay Biological Field Camp – Environment Canada (Amie Black) – Kivalliq Region	

A. PROJECT DESCRIPTION

On February 28, 2012, the Nunavut Water Board (the Board) distributed Environment Canada's application to renew their East Bay Biological Field Camp's Type B municipal camp water licence. Environment Canada has requested a 5 year renewal with no changes to their existing licence terms and conditions. As identified in Block 2 of the submitted application form, Amie Black is Environment Canada's new licence contact.

The East Bay Biological Field Camp is located on a small granite island in East Bay, Southampton Island. This site is used to support seasonal studies of migratory birds from June to August. The camp is relatively small, accommodating 6-12 people. Small amounts of water are consumed for domestic purposes from melted snow and ice as well as a nearby creek depending on the time of the year. According to the submitted 2011 Annual Report, approximately 1.0 m³ of water was consumed each day during the camp's operation, an amount that is well within the licensed 5.0 m³ daily limit.

The following waste management practices are followed at this project:

- Sewage is incinerated on-site;
- Solid wastes are either incinerated or backhauled to an approved waste management facility;
- Greywater is directed to sumps; and,
- Empty fuel drums are backhauled for reuse or disposal.

Due to logistical pressures, an AANDC Water Resources Officer did not inspect the site in the summer of 2011.

B. RESULTS OF REVIEW

On behalf of AANDC, I am providing the following comments/ recommendations for the Board's consideration,

- Environment Canada's Type B municipal water licence should be renewed with standard terms and conditions appropriate for this undertaking.
- Environment Canada should review their September 17, 2008 Spill Contingency Plan and make revisions based on the following observations:
 - Amie Black should be identified as the project's primary contact. Her necessary contact information should be provided.
 - The AANDC contact for reportable fuel spills should be revised as "AANDC Manager of Field Operations." This individual can be reached by telephone at (867) 975-4295 and fax at (867) 979-6445. Mr. Peter Kusugak, identified as the manager in the plan, no longer occupies this position.
 - The Material Safety Data Sheets included in this plan should be reviewed and updated if required.
- AANDC recommends that residual ash from incinerated waste be backhauled to an approved waste management facility for proper disposal.

Prepared by David Abernethy