



Our reference
File #9545-2-3.3BL.AWLA
CIDMS #390981

February 19, 2010

Your reference
3BL-AWL

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

Sent Via Email

Dear Phyllis,

**Subject Water License #3BL-AWL, Canadian Arctic Holidays Ltd.,
Arctic Watch Lodge Project, Qikiqtani Region, New License
Application**

Please be advised that on behalf of Indian and Northern Affairs Canada, I have completed a review of the above referenced Canadian Arctic Holidays Ltd. submission to the Nunavut Water Board.

A Technical Review Memorandum (attached) is provided to the Board for consideration.

Should you have any questions regarding this submission, feel free to contact me at 867-975-4555 or David.Abernethy@inac-ainc.gc.ca.

Regards,

David W. Abernethy
Water Resources Regional Coordinator
Operations Directorate, Nunavut Regional Office
Indian and Northern Affairs Canada
Iqaluit, Nunavut
X0A 0H0

Attached.

Cc: Lou-Ann Cornacchio, INAC Water Resources Manager
 Peter Kusugak, Manager of Field Operations

TECHNICAL REVIEW MEMORANDUM

Date: Feb. 19/10

To: Phyllis Beaulieu, Nunavut Water Board

From: David Abernethy, Indian and Northern Affairs Canada

Re: **Water License #3BL-AWL, Canadian Arctic Holidays Ltd., Arctic Watch Lodge Project, Qikiqtani Region, New License Application**

A. PROJECT DESCRIPTION

On Jan. 14/10 Canadian Arctic Holidays Ltd. (CAHL) submitted a license application to the Nunavut Water Board (NWB or Board) for water use and waste disposal associated with their Arctic Watch Lodge Project. The NWB subsequently distributed this submission to interested parties for review on Jan. 21/10, requesting representations within thirty (30) days.

The Arctic Watch Lodge Project is a tourism facility located in Cunningham Inlet on Somerset Island. This site is on Crown Land administered by Indian and Northern Affairs Canada. It has been operational in the summer months since 2000, with a capacity of accommodation up to 45 people (average population is 25 to 30). The camp site is adjacent to the Cunningham River.

B. RESULTS OF REVIEW

Indian and Northern Affairs Canada (INAC) provides the following comments / recommendations to the Board for consideration,

1. General

- Standard conditions that apply to camp operations should be applied.

2. Location of Camp Facility

- An INAC Water Resource Officer inspected this project in 2008 and 2009 and noted that the camp facility is situated within 31 metres of the ordinary high water mark of the Cunningham River (NWB Licenses typically require that all camp facilities, including waste and fuel management areas, be situated beyond 31 metres of the ordinary high water mark of nearby

water sources). CAHL should notify the Board if their camp has either been relocated to a point beyond this setback distance or provide adequate justification for leaving it in place.

3. Topographic Map of Project Area

- CAHL should submit a topographic map of their project area (scaled to an appropriate size) that identifies their camp, gray water sump, fuel cache, potable water source intake point, and allows for an understanding of any watersheds that can be affected by this undertaking.

4. Incineration of Combustible Wastes

- Any incineration of solid waste should be conducted in accordance with Environment Canada's March 2009 "Technical Document for Batch Waste Incineration."

5. Spill Contingency Planning

- Fuel and other hazardous material spills must be reported to Peter Kusugak, Manager of Field Operations. Peter can be reached by telephone at 867 975-4285, facsimile at 867 979-6445, and email at peter.kusugak@inac-ainc.gc.ca;
- The project's Spill Contingency Plan should be revised to include the following information,
 - Applicable Material Safety Data Sheets;
 - Contact information for the on-site project coordinator;
 - A topographic map that references all fuel caches and spill kit storage locations;
 - A list of spill response equipment / supplies, including spill kit contents;
 - The latest revision date;
 - A copy of the NU-NT Spill Report Form; and,
 - Procedures for how to manage recovered contaminated soil.

6. Abandonment and Restoration Planning

- The project's Abandonment and Restoration Plan should be revised to include the following information,
 - Seasonal closure and temporary shutdown procedures;
 - The latest revision date; and,
 - CAHL contact information.

Prepared by David Abernethy

Cc: Lou-Ann Cornacchio, INAC Water Resources Manager
Peter Kusugak, Manager of Field Operations