



Water Resources Division  
Nunavut Regional Office  
Iqaluit, NU X0A 0H0

**Your File: 3BC-DIC----**  
**Our File: IQA-N 9545-2 UNC**

August 13, 2008

Richard Dwyer  
Licensing Administrator  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU, X0A 1J0

**Re: 3BC-DIC – Devon Ice Cap Project, Environment Canada – New Type  
B Water Licence Application.**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of a new Type B Water License Application for the Devon Ice Cap Project in the Qikiqtani Region. The application was submitted to the Nunavut Water Board (NWB) on July 22, 2008 by Derek Muir of Environment Canada. In conducting the review documents on the NWB's FTP-site under 3BC-DIC were referred to.

**Project:**

The Devon Ice Cap Project is a research project designed to determine how different chemical contaminants are entering the environment of Nunavut. Basically, two person teams will collect snow samples on the Devon Island ice cap as well as sediment samples from the bottom of various lakes on Cornwallis Island. Researchers will travel from Resolute to the Devon Island ice cap by Twin Otter plane and from the camp to the sites via snowmobile. The project will take approximately 10 days to complete (5 days for each). The proponent states that all wastes will be backhauled so little to no impact is expected.

INAC recommends the approval of this application and is recommending the Nunavut Water Board impose standard conditions suitable for this size of project in order to prevent or minimize any adverse environmental impacts as a result of water use and associated waste disposal as well as conditions that,,

- Ensure that all materials (General wastes, grey water and sewage, chemicals, and any petroleum products) be back hauled for proper disposal at an approved facility.
- Ensure that any spills of fuels, chemicals, and other hydrocarbons must be cleaned up immediately. Any waste resulting from such clean-up activity must be disposed of at an approved waste disposal site or treatment facility off site.



- Ensure that there is no open burning of plastics, wood treated with preservatives, electrical wire, Styrofoam, asbestos or painted wood due to prevent the deposition of waste materials from incomplete combustion and/or leachate from contaminated ash residues from impacting any surrounding waters.

Please feel free to contact me should you have any questions or comments. I can be reached at (867) 975-4568 or by email at [Rumboltl@inac-ainc.gc.ca](mailto:Rumboltl@inac-ainc.gc.ca).

Sincerely,

*Original signed by*

Ian Rumbolt  
Regional Coordinator

Cc. Kevin Buck, Manager of Water Resources – Indian and Northern Affairs  
Canada, Nunavut Regional Office