



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

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

August 20, 2008

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

**Re: 3BC-PLI – Prince Leopold Island 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 Prince Leopold Island Project in the Qikiqtani Region. The application was submitted to the Nunavut Water Board (NWB) on June 5, 2008 by Mark Mallory of Environment Canada. In conducting the review documents on the NWB's FTP-site under 3BC-PLI were referred to.

**Project:**

Environment Canada is applying for a Type B Water Licence Application. The proposed project is a research project located on Prince Leopold Island in the Lancaster Sound. The project plan is to study aspects in reproduction of marine birds in the High Arctic, and to test birds for avian diseases. The project is multi year with duration of approximately two months per year. The research group will use a twin otter to fly to and from Resolute to Prince Leopold Island. A base camp will be set up on the island designed for maximum 5 people, but with an average of 4 people staying there at one time. The impacts created by the project are expected to be minimal and all impacts, if any will be remediated.

INAC recommends the approval of this application and is further recommending that 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, that ensure;

- There is no open burning of plastics, wood treated with preservatives, electrical wire, Styrofoam, asbestos or painted wood to prevent the deposition of waste materials from incomplete combustion and/or leachate from contaminated ash residues from impacting any surrounding waters.
- The Proponent is required to remove all waste materials such as general wastes, chemicals used at the camps, and petroleum products and back hauled for proper disposal at an approved facility.



- Any spills of fuels, hydrocarbon related liquids, chemicals, and any other materials 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.
- A clear, detailed site map is needed for the project area making sure to include the GPS coordinates of water bodies, camp structures, fuel storage, sumps for black and grey water and any other relevant information.

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