



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

NWB File: 3BC-MBP1010  
CIDMS #: 451350

MAR 7, 2011

**Re: 3BC-MBP1010 – Renewal Application – Scientific Research -  
Mesoproterozoic Basins – Laurentian University.**

Please be advised that Indian and Northern Affairs Canada (INAC) have completed a review of the renewal application for water license 3BC-MBP1010 prepared by Elizabeth Turner of Laurentian University. The Nunavut Water Board (NWB) circulated the renewal application for comments on February 14, 2011. All documents related to the application posted on the NWB ftp site under 3BC-MBP1010 were included in my review (See attached Technical Review Memo).

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4282 or by email at [Ian.Parsons@inac.gc.ca](mailto:Ian.Parsons@inac.gc.ca).

Sincerely,

*Original signed by*

Ian Parsons  
Regional Coordinator

Cc. Jim Rogers, Manager of Water Resources – Indian and Northern Affairs  
Canada, Nunavut Regional Office  
Peter Kusugak, District Manager – Indian and Northern Affairs Canada,  
Nunavut Regional Office



## **Technical Review Memorandum**

To: Phyllis Beaulieu – Manager of Licensing, Nunavut Water Board

From: Ian Parsons – Regional Coordinator, Indian & Northern Affairs Canada.

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**Re: 3BC-MBP1010 – Renewal Application – Scientific Research -  
Mesoproterozoic Basins – Laurentian University.**

### **Background**

The Mesoproterozoic Basins Project is located in the High Arctic. There will be two camp locations for this project; one location is located 120 km southwest of Pond Inlet on the Alpha River just inland of Tremblay Sound. The other camp location is located 35 km east of Arctic Bay, just inland of Adams Sound in a northeast direction.

Each camp will be occupied by two or three people for a period of 1-3 weeks in the summer. Camps will consist of small sleeping tents with all Blackwater and Greywater being buried on site. There will also be small amounts of fuel on site for cooking and all Garbage will be deposited at an approved landfill.

The purpose of the project is to conduct scientific research on the geology and rock formations of the High Arctic.

### **Recommendations/Comments**

After reviewing the renewal application of 3BC-MPB1010 from Laurentian University, INAC would like to state that the application is well done. However, INAC has a few comments that need to be addressed and clarified.

### **Application**

#### **Land Use**

INAC notes that part 6 of the renewal application is not answered.



INAC notes however, that in the renewal application the applicant has attached a list of coordinates where field activities will take place and what the land status is (i.e., Crown, IOL, etc.).

INAC recommends that the applicant answer part 6 of the renewal application based on these activities.

INAC notes that the applicant did not provide written confirmation from the Nunavut Planning Commission (NPC) that no conformity review is required for the renewal.

INAC recommends that the applicant provide the NPC written confirmation, that no conformity review is required, to the NWB.

#### Water Use

INAC notes that in part 13 of the renewal application the applicant answers **Yes** to the question “are they using the same water source as in the existing water license.” However, in part 4 of the renewal application the applicant answered **No** to the question “is the location the same as in the existing license.”

INAC recommends clarification into the seemingly contrasting answers of different locations from previous license, however using same water sources.

#### Waste

INAC recommends that the applicant provide, to the NWB, written approval from both Arctic Bay and Pond Inlet before disposing of any wastes into the Hamlet’s approved landfill.

#### Other Authorizations

INAC reminds the applicant that their research license issued by the Nunavut Research Institute, #02 062 10R-M, expired on December 31, 2010. This licence should be renewed. Once confirmation that a renewed license has been received a copy should be send to the NWB.

INAC recommends that the applicant provide, to the NWB, all of the above referenced outstanding information pertaining to the renewal application for 3BC-MBP1010 before the application is approved by the NWB.



Cc. Jim Rogers, Manager of Water Resources – Indian and Northern Affairs  
Canada, Nunavut Regional Office  
Peter Kusugak, District Manager – Indian and Northern Affairs Canada,  
Nunavut Regional Office