



NIRB File No.: 10YN041
CWS File No.: NUN-MBS-10-01

January 24, 2012

The Honourable Daniel Shewchuk
Minister Responsible for Nunavut Arctic College
Government of Nunavut
c/o Mosha Cote, Manager, Research Liaison
Nunavut Research Institute
Iqaluit, NU

Via email: Mosha.Cote@arcticcollege.ca

Re: Application Exempt from NIRB Screening Pursuant to Section 12.4.3 of the NLCA: Reinhard Pienitz's "Long-term Limnological and Paleolimnological Monitoring of Nettilling Lake, Central Baffin Island, Nunavut, Canada" project proposal

Dear Mosha Cote:

On January 11, 2012, the Nunavut Impact Review Board (NIRB or Board) received Reinhard Pienitz's "Long-term Limnological and Paleolimnological Monitoring of Nettilling Lake, Central Baffin Island, Nunavut, Canada" project proposal from the Nunavut Research Institute (NRI).

Please be advised that the original project proposal entitled "Paleoclimates and Limnology of the Foxe Basin and Surrounding Regions" (NIRB File No.: 10YN041) was received by the NIRB from the Canada Wildlife Service (CWS File No.: NUN-MBS-10-01) on April 21, 2010. The project proposal was screened by the NIRB in accordance with Article 12, Part 4 of the Nunavut Land Claims Agreement (NLCA) and, on May 28, 2010 the NIRB issued the enclosed 12.4.4(a) screening decision report to the Minister of Environment, Government of Nunavut, indicating that the project could proceed subject to the NIRB's recommended project-specific terms and conditions.

The current NRI application, the original NIRB Screening Decision Report (10YN041) and related file information are available from the NIRB's ftp site at the following link:

<http://ftp.nirb.ca/01-SCREENINGS/COMPLETED%20SCREENINGS/2010/10YN041-U%20Laval%20-%20Pienitz/>

PREVIOUSLY-SCREENED PROJECT PROPOSAL:

As previously screened by the NIRB (File No.: 10YN041), Reinhard Pienitz's "Paleoclimates and Limnology of the Foxe Basin and Surrounding Regions" project was located in the South

Baffin Region of Nunavut, approximately 250 kilometres northeast of Cape Dorset and approximately 280 kilometres west of Pangnirtung. The program was proposed to take place from July 30 to August 3, 2010 with the objective of reconstructing past climates through sediment sampling from a series of lakes in the Foxe Basin (located in the vicinity of Koukdjuak, Nikko Island) to determine the potential responses of northern lakes and their watersheds to past climate changes in order to predict future impacts of climate change.

The project activities included:

- Research activities based out of existing CWS cap at Nikko Island;
- 7 researchers involved in the proposed project;
- Collection of lake sediment samples using 1 m long sediment corers;
- Collection of lake water samples (1 litre sample bottles);
- Use of Echosounder (“fish finder”) to explore lake depth characteristics;
- Installation of a permanent automated meteorological station (1.5 m² x 2 m high) on Nikko Island;
- Use of inflatable zodiac for travel on lakes; and,
- Use of helicopter for personnel pick up and drop-offs from sample lakes.

CURRENT APPLICATION:

Reinhard Pienitz is currently applying for a Scientific Research Licence from the Nunavut Research Institute in order to conduct the proposed “Long-term Limnological and Paleolimnological Monitoring of Nettilling Lake, Central Baffin Island, Nunavut, Canada” project. The proposed project is a continuation of previously screened activities above in Lake Nettilling on Nikko Island, South Baffin region. The project is proposed to take place from March, 2012 to April, 2014.

Please note that Section 12.4.3 of the NLCA states that:

“Any application for a component or activity of a project proposal that has been permitted to proceed in accordance with these provisions shall be exempt from the requirement for screening by NIRB unless:

(a) such component or activity was not part of the original project proposal; or

(b) its inclusion would significantly modify the project.”

After completing a review of the information provided, the NIRB is of the understanding that the current application received from the NRI does not change the general scope of the original project activities, and the exceptions noted in NLCA 12.4.3(a) and (b) do not apply. Therefore, this application is exempt from the requirement for screening as per Section 12.4.3 of the NLCA and the activities therein remain subject to the terms and conditions recommended in the original Screening Decision Report dated May 28, 2010 (enclosed).

If you have any questions or concerns, please contact Kofi Boa-Antwi, Technical Advisor, at 867-983-4609 or kboa-antwi@nirb.ca.

Sincerely,

A handwritten signature in black ink that reads "Ryan Barry". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Ryan Barry
Executive Director

cc: Reinhard Pienitz, Centre d'études Nordiques, Université Laval
Mosha Cote, Nunavut Research Institute
Jason Akearok, Canada Wildlife Service
Phyllis Beaulieu, Nunavut Water Board

Enclosed: NIRB Screening Decision Report, File No.: 10YN041 (May 28, 2010)