



NIRB File No.: 15YN020

April 16, 2015

Dany Dumont
University of Quebec at Rimouski/Institut des sciences de la mer de Rimouski
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Rimouski, QC G5L 3A1

Sent via email: dany_dumont@uqar.ca

Re: Notice of Part 4 Screening for the University of Quebec at Rimouski's "Monitoring Ice Edge Breakup in Eclipse Sound" project proposal

Dear Dany Dumont:

On March 18, 2015 the Nunavut Impact Review Board (NIRB or Board) received the University of Quebec at Rimouski's (University of Quebec) "Monitoring Ice Edge Breakup in Eclipse Sound" project proposal from the Nunavut Research Institute (NRI). On April 10, 2015 the NIRB received a positive conformity determination (North Baffin Regional Land Use Plan) from the Nunavut Planning Commission. The NIRB has assigned this project proposal file number **15YN020** - please reference this file number in related future correspondence.

The proposed project is located in the Qikiqtani region (North Baffin), Eclipse Sound, approximately 70 kilometres (km) east-northeast of Pond Inlet. The proposed program would have two phases of fieldwork that would take place between May 4 and August 31, 2015. A range of dates was proposed to allow for contingency planning. The proposed project intends to monitor ice edge break-up using two autonomous time-lapse cameras that would be deployed on high points on the eastern end of Eclipse Sound. Further, the proposed project would look at sea ice dynamics and the effect of shipping on the break-up of the ice edge during spring months. Images would be processed by the ISMER research team and would be used to characterize and validate RADARSAT satellite images acquired during the project.

The proposed project activities and components include:

- A crew of four (two researchers and two community members) based out of Pond Inlet;
- Deployment of two cameras at Erick Harbour and Cape Graham Moorew using snowmobile transportation to and from site; and
- Recovery of two cameras using boat transportation.

All documents received and pertaining to this project proposal can be obtained from the NIRB's online public registry at

<http://ftp.nirb.ca/01SCREENINGS/ACTIVE%20SCREENINGS/15YN020-U%20of%20Quebec-Ice%20Edge%20Break%20Up/> including:

- *NRI Research Application Form in English*
- *Non-technical Project Proposal summary in English and Inuktitut*
- *Maps*
- *NPC Questionnaire and Conformity Determination in English*
- *CWS Permit Application in English (Inuktitut pending)*
- *Qikiqtani Inuit Association Land Use Application*

Pursuant to Part 4, Article 12 of the Nunavut Land Claims Agreement (NLCA), the NIRB shall proceed to screen this project proposal. The NIRB may request additional information at any time during the process. The NIRB will copy you on screening process related correspondence and upload related documents to the above ftp site for public access.

Be advised that the NIRB is copying parties and municipalities potentially affected by this project proposal. Interested parties are encouraged to comment directly to the NIRB by **April 27, 2015**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic and socio-economic effects; and if so, why;
- Whether the project is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

Please note that *proposed* project-specific terms and conditions, should the project proceed, have been attached for consideration and comment (**Appendix A**).

Please send your comments to the NIRB at info@nirb.ca or via fax at **(867) 983-2594**.

If you have any questions or require clarification, feel free to contact the undersigned at (867) 983-4615 or dstpierre@nirb.ca.

Sincerely,



Davin St. Pierre
Technical Advisor
Nunavut Impact Review Board

cc: Distribution List
Joel Fortier, Qikiqtani Inuit Association
Mosha Cote, Nunavut Research Institute
Mia Pelletier, Canadian Wildlife Service

Attachment: Appendix A – *Proposed* Project Specific Terms and Conditions

Enclosures (2): Comment Forms (English and Inuktitut)

Appendix A
Proposed Project Specific Terms and Conditions

The following is a list of project-specific terms and conditions which, should the project proceed, may be recommended to be attached to any approval.

General

1. University of Quebec at Rimouski (the Proponent) shall maintain a copy of the Project Terms and Conditions at the site of operation at all times.
2. The Proponent shall forward copies of all permits obtained and required for this project to the Nunavut Impact Review Board (NIRB) prior to the commencement of the project.
3. The Proponent shall operate in accordance with all commitments stated in correspondence provided to NIRB (NRI Scientific Research License Application, March 18th, 2015; Canadian Wildlife Service Permit Application, March 26, 2015; Nunavut Planning Commission, Conformity Determination and Questionnaire, April 1, 2015; and Qikiqtani Inuit Association Application for Access to Inuit Owned Land, March, 18, 2015).
4. The Proponent shall operate the site in accordance with all applicable Acts, Regulations and Guidelines.

Waste

5. The Proponent shall keep all garbage and debris in bags placed in a covered metal container or equivalent until disposed of at an approved facility. All such wastes shall be kept inaccessible to wildlife at all times.

Fuel Storage

6. The Proponent shall store all fuel and chemicals in such a manner that they are inaccessible to wildlife.
7. The Proponent shall ensure that appropriate spill response equipment and clean-up materials (e.g., shovels, pumps, barrels, drip pans, and absorbents) are readily available during any transfer of fuel or hazardous substances, and at all fuel storage sites.
8. The Proponent shall ensure that all personnel are properly trained in fuel and hazardous waste handling procedures, as well as spill response procedures. All spills of fuel or other deleterious materials of any amount must be reported immediately to the 24 hour Spill Line at (867) 920-8130.

Wildlife - General

9. The Proponent shall ensure that there is no damage to wildlife habitat in conducting this operation.
10. The Proponent shall not harass wildlife. This includes persistently worrying or chasing animals, or disturbing large groups of animals. The Proponent shall not hunt or fish, unless proper Nunavut authorizations have been acquired.

11. The Proponent shall ensure that all project personnel are made aware of the measures to protect wildlife and are provided with training and/or advice on how to implement these measures.
12. The Proponent shall ensure all project staff are trained in appropriate bear/carnivore detection and deterrent techniques.

Migratory Birds and Raptors Disturbance

13. The Proponent shall not disturb or destroy the nests or eggs of any birds. If nests are encountered and/or identified, the Proponent shall take precaution to avoid further interaction and or disturbance (e.g., a 100 metre buffer around the nests). If active nests of any birds are discovered (i.e., with eggs or young), the Proponent shall avoid these areas until nesting is complete and the young have left the nest.

Caribou and Muskoxen Disturbance

14. The Proponent shall cease activities that may interfere with the migration or calving of caribou or muskox, until the caribou or muskox have passed or left the area.

Restoration of Disturbed Areas

15. The Proponent shall remove all garbage, fuel and equipment upon abandonment.
16. The Proponent shall complete all clean-up and restoration of the lands used prior to the end of each field season and/or upon abandonment of site.

Other

17. The Proponent should, to the extent possible, hire local people and to consult with local residents regarding their activities in the region.
18. Any activity related to this application, and outside the original scope of the project as described in the application, will be considered a new project and should be submitted to the NIRB for Screening.