



NIRB File No.: 15YN032

NPC File No.: 148164

Associated NRI File Nos.: 0401615N-M; 0401015R-M

KIA File No.: KTX115X001

December 23, 2015

Donald McLennan, PhD
Polar Knowledge Canada
1701-360 Albert St.
Ottawa, ON K1R 7X7

Sent via email: donald.mclennan@polar.gc.ca

Re: Additional Information Required: Information Request # 1 for Polar Knowledge Canada's "Deployment of Environmental and Permafrost Monitoring Instrumentation in Grenier Lake Watershed, Cambridge Bay" Project Proposal

Dear Donald McLennan:

On December 17, 2015 the Nunavut Impact Review Board (NIRB or Board) received Polar Knowledge Canada's (the Proponent) "Deployment of Environmental and Permafrost Monitoring Instrumentation in Grenier Lake Watershed, Cambridge Bay" project proposal from the Nunavut Planning Commission (NPC or Commission). The NIRB has assigned this project proposal file number **15YN032** - please reference this file number in all future related correspondence.

Documents and materials received by the NIRB in support this project proposal include:

- *NPC Screening Referral*
- *Nunavut Research Institute (NRI) Scientific Research Licence Application*

All information provided to the NIRB in support of this project proposal can be accessed from the Board's online public registry at the following location:

<http://ftp.nirb.ca/01-SCREENINGS/COMPLETED%20SCREENINGS/2015/15YN032-CHARS-Deployment%20of%20Instruments/>

The NIRB has undertaken a preliminary completeness check of your project proposal and has found that **additional** information is required for the NIRB to carry out its screening. The NIRB is requesting submission of the information as outlined in Appendix A of this correspondence by **January 6, 2016**.

It is in the Proponent's best interest to cure the identified information deficiencies in a timely manner. Pursuant to paragraph 92(3)(b) of *Nunavut Planning and Project Assessment Act* (NuPPAA), the ability of the Board to conduct its screening and provide a screening decision report to the responsible Minister(s) within the prescribed timeline may be directly impacted by any outstanding required information. Failure to address the deficiencies before the NIRB resumes the screening process may result in a suspension of the Board's assessment activities pursuant to Section 144(2) of the NuPPAA until the information is provided.

If the Proponent determines that the time required to supply the required information is significantly greater than 2 weeks, the Board requests written notification and an anticipated date for submission be provided as soon as possible.

Please direct all forthcoming submissions to the NIRB at info@nirb.ca or via fax at **(867) 983-2594**.

If you have any questions or require additional clarification, please contact the undersigned directly at (867) 983-4606 or hiasmussen@nirb.ca.

Sincerely,



Heather Rasmussen, M.Env-EA
Technical Advisor
Nunavut Impact Review Board

cc: Johann Wagner, Canadian High Arctic Research Station
Jonathan Savoy, Nunavut Planning Commission
Phyllis Beaulieu, Nunavut Water Board
Geoff Clark, Kitikmeot Inuit Association
Mosha Cote, Nunavut Research Institute

Attachment: Appendix A: Information Request #: 1

Appendix A: Information Request # 1
for Polar Knowledge Canada's "Deployment of Environmental and Permafrost Monitoring
Instrumentation in Grenier Lake Watershed, Cambridge Bay"
pursuant to Section 144(1) of the Nunavut Planning and Project Assessment Act
NIRB File No. 15YN032

- 1. Topic/Issue: NIRB Part 1 Form not submitted – English, Inuinnaqtun, and Inuktitut**
Reference: NIRB Part 1 Form – Project Information Requirements English, Inuinnaqtun, and Inuktitut
Rationale: The NIRB requires a complete NIRB Part 1 form in order to determine the scope of the project activities being proposed. A translated version of the NIRB Part 1 form is required in order to assist unilingual community organizations, members and the public to understand and provide comments on the proposal.
Request: Provide the completed NIRB Part 1 Summary Application Forms in English, Inuinnaqtun, and Inuktitut pursuant to the NIRB requirement. All sections should be completed, including the following:

 - Section 2a: Detail fuel and hazardous material use;
 - Section 7: Community Involvement and Regional Benefits
- 2. Topic/Issue: Project Map not submitted**
Reference: NIRB Part 1 Form – Section 3, 8a
Rationale: Information regarding the location of the project is required for the screening of this application.
Request: Complete Section 3, 8a of the NIRB Part 1 Form as well as provide a map identifying the location of all proposed activities and components as well as proximity to existing activities and components previously screened under this file.
- 3. Topic/Issue: Non-technical Project Proposal Summary in English, Inuinnaqtun, and Inuktitut not submitted**
Reference: Section 4 of the NIRB Part 1 Summary Application Form
Rationale: Summaries in English, Inuinnaqtun, and Inuktitut are required to assist parties to understand the proposal in a non-technical format.
Request: Provide the Non-technical Project Proposal Summaries in English, Inuinnaqtun and Inuktitut pursuant to Section 4 of the NIRB Part 1 Summary Application.
- 4. Topic/Issue: NIRB Part 2 Form Project Specific Information Requirements Form**
Reference: Section 2 of the NIRB Part 2 Project Specific Information Requirements Form: General Project Information Requirements
Rationale: Lack of detailed information provided on the proposed activities and associated components, on potential environmental and socio-economic impacts, and on the proposed mitigation and monitoring measures related to the proposal.
Request: Provide a completed NIRB Part 2 Project Specific Information Requirement Form, including but not limited to the following information:

 - Project General Information should include but not be limited to the following information as relates to the proposed river gauging system:
 - Material to be used;

- *Design (e.g., underground cables or intake pipes);*
- *Length of time to be deployed in the water;*
- *Proposed maintenance activities;*
- *Any overlap between proposed location of gauges and areas of human and wildlife water crossings;*
- *Transportation details should include any maintenance activities; and*
- *Chemicals and hazardous materials to be used.*