NOTICE OF SCREENING

OPPORTUNITY FOR PUBLIC COMMENT

NIRB File No.: 22YN005

Project Name:	The **"Measuring Glacier and Snow Changes in Grise Fiord"** project	
Proponent Name:	University of Waterloo	
Project Type:	Research	Region: Qikiqtani Region
Public Registry:	www.nirb.ca	Application No.: 125654
Comment Deadline:	**March 14, 2022**	

PROJECT SCOPE:

The proposed "Measuring Glacier and Snow Changes in Grise Fiord" project is located within the Qikiqtani region, approximately 500 metres (m) from Grise Fiord. The Proponent intends to conduct research on a project to quantify the amount of water melting from the local snowpack and glaciers that contribute to the river in the community of Grise Fiord, The glaciers are the ideal size for using smaller uncrewed ariel vehicle (UAV) for surveys to conduct analysis and will be used for creating snow depth products for monitoring snow cover, all field work will be done by foot and is expected to have minimal environmental impacts. The program is proposed to take place from August 20, 2022 to October 30, 2024. The scope of this proposed project as identified by the NIRB includes the following undertakings, works or activities:

- Use of an Uncrewed Aerial Vehicle (UAV) to be used for obtaining 3-D maps of the watershed through the use of photogrammetry techniques obtained during multiple flights to cover the area;
- Use of three (3) Hobo Loggers to measure air temperature; and
- Use of three (3) timelapse cameras to capture the changes in melt on the glacier surface.

Please visit the NIRB's public registry online at the link above and look up NIRB File No.: **22YN005** to access all project information, maps, and public comment forms.

REQUEST FOR COMMENTS

You are invited to provide the NIRB with your comments regarding whether the proposed project is:

- likely to arouse significant public concern and, if so, why;
- likely to cause significant adverse ecosystemic or socio-economic effects and, if so, why;
- likely to cause significant adverse impacts on wildlife habitat or Inuit harvest activities and, if so, why;
- a type where the potential adverse effects are highly predictable and can be prevented/managed appropriately with known technology.

Parties are also invited to recommend any specific mitigation measures they feel would be appropriate, and to bring any other matter of importance related to this project proposal to the NIRB's attention.

CONTACT INFORMATION

The NIRB has recently launched an updated online public registry, and parties can access project information as well as submit comments directly to the NIRB via www.nirb.ca. Comments can still be submitted directly to the NIRB via email at info@nirb.ca or via fax to **(867) 983-2594**.

If you have any questions or require clarification regarding the proposed project or the NIRB's screening process, please contact Francis Emingak, Junior Technical Advisor toll-free at 1-866-233-3033 or femingak@nirb.ca.