



# NOTICE OF SCREENING OPPORTUNITY FOR PUBLIC COMMENT

NIRB File No.: 22YN053

Project Name: The “Atmospheric Monitoring Observatory in Canadian Arctic” project  
Proponent Name: National Centre for Polar and Ocean Research  
Project Type: Research Region: Kitikmeot Region  
Public Registry: [www.nirb.ca](http://www.nirb.ca) Application No.: 125739  
Comment Deadline: **September 16, 2022**

## PROJECT SCOPE:

The proposed “Atmospheric Monitoring Observatory in Canadian Arctic” project is located within the Kitikmeot region, within Municipal boundaries of Cambridge Bay. The Proponent intends to set up atmospheric measurements in Cambridge Bay to observe the ocean-atmosphere-ice system in the Arctic. The program is proposed to take place from November 2022 to October 2026. The scope of this proposed project as identified by the NIRB includes the following undertakings, works or activities:

- Installation of monitoring equipment at the Canadian High Arctic Research Station (CHARS)
- High-volume sampler for collection of aerosol samples (PM<sub>2.5</sub> and PM<sub>10</sub>)
- Microwave Radiometer for measuring the vertical profiles of temperature, humidity, liquid water path, and water vapour
- Laser Disdrometer for measuring precipitation rate, the number of drops/particles and liquid

Please visit the NIRB’s public registry online at the link above and look up NIRB File No.: **22YN053** 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](http://www.nirb.ca).** Comments can still be submitted directly to the NIRB via email at [info@nirb.ca](mailto: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 Robby Qammaniq, Technical Advisor II toll-free at (867) 983-4618 or [rquammaniq@nirb.ca](mailto:rquammaniq@nirb.ca).