



NIRB File No.: 22YN053
NPC File No.: 149853

September 6, 2022

Rohit Srivastava
National Centre for Polar and Ocean Research
Ministry of Earth Sciences (MoES), Govt. of India
Headland Sada, Vasco-da-Gama
South GOA 403804 India

Sent via email: rohits@ncpor.res.in

Re: Notice of Screening for the National Centre for Polar and Ocean Research (NCPOR)'s "Atmospheric monitoring observatory in Canadian Arctic" Project Proposal

Dear Rohit Srivastava:

On August 3, 2022, the Nunavut Impact Review Board (NIRB) received a referral to screen the National Centre for Polar and Ocean Research (NCPOR)'s "Atmospheric monitoring observatory in Canadian Arctic" project proposal from the Nunavut Planning Commission (Commission), which noted that the project proposal is outside the area of an applicable regional land use plan. Pursuant to Article 12, Sections 12.4.1 and 12.4.4 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)* and s. 87 of the *Nunavut Planning and Project Assessment Act*, S.C. 2013, c. 14, s. 2 (*NuPPAA*), the NIRB has commenced screening this project proposal and has assigned it file number **22YN053** - please reference this file number in all future related correspondence.

INFORMATION REQUEST

On August 5, 2022, the NIRB requested that the Proponent complete the online application form through the NIRB's public registry system and ensure, pursuant to s. 144(1) of the *NuPPAA*, that sufficient information is provided to determine the scope of the project activities being proposed and commence screening.

Following additional emails sent on August 12 and August 23, 2022, on August 25, 2022, the NIRB received the required information and commenced the screening pursuant to Part 3 of the *NuPPAA*.

PROJECT OVERVIEW

Project Scope:

All documents received and pertaining to this project proposal can be accessed from the NIRB's online public registry at www.nirb.ca/project/125739.

Project:	Atmospheric Monitoring Observatory in Canadian Arctic
Region:	Kitikmeot
Location:	Cambridge Bay
Summary of Project Description:	The Proponent intends to set up atmospheric measurements in Cambridge Bay to observe the ocean-atmosphere-ice system in the Arctic.
Project Proposed Timeline:	November 2022 to October 2026.

According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Installation of monitoring equipment at the Canadian High Arctic Research Station (CHARS), including:
 - High-volume sampler for collection of aerosol samples (PM_{2.5} and PM₁₀);
 - Microwave Radiometer for measuring the vertical profiles of temperature, humidity, liquid water path, and water vapour; and
 - Laser Disdrometer for measuring precipitation rate, the number of drops/particles and liquid.

Inclusion or Exclusion of Scoping List

At this time, the NIRB has identified no additional works or activities in relation to the project proposal. As a result, the NIRB will proceed with screening the project based on the scope as described above.

REQUEST FOR COMMENTS

All documents received can be accessed from the NIRB's online public registry at www.nirb.ca/project/125739 and include:

- *Commission Conformity Determination*
- *Commission Application*
- *NIRB's Online Application*
- *Project Summary*

The NIRB will copy you on screening process related correspondence and upload related documents to the NIRB's online registry for public access. The NIRB may request additional information at any time during the process.

The NIRB is copying parties and municipalities potentially affected by National Centre for Polar and Ocean Research project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **September 16, 2022**.

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 or socio-economic effects; and if so, why;
- Whether the project proposal is likely to cause significant adverse impacts on wildlife habitat or Inuit harvest activities; and if so, why;
- Whether the project proposal is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (and providing 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](#)).

CONTACT INFORMATION

Please send your comments to the NIRB via email at info@nirb.ca, via fax at (867) 983-2594 or via the individual project dashboard for this assessment on the NIRB's online public registry at www.nirb.ca/project/125739.

If you have any questions or require clarification, feel free to contact the undersigned at (867) 983-4618 or rquammaniq@nirb.ca.

Sincerely,



Robby Qammaniq, *B. Sc.*
Technical Advisor II
Nunavut Impact Review Board

Attachments: Appendix A: *Proposed* Project Specific Terms and Conditions

Enclosures (4): Public Notice of Screening (English, and Inuinnaqtun)
Comment Forms (English, and Inuinnaqtun)

cc: Distribution List
Geoff Clark, Kitikmeot Inuit Association
Wynter Kuliktana, Kitikmeot Inuit Association
Mosha Cote, Nunavut Research Institute
Tracey McCaie, Crown-Indigenous Relations and Northern Affairs Canada

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. The National Centre for Polar and Ocean Research (NCPOR) (the Proponent) shall maintain a copy of the Project Terms and Conditions at the site of operation at all times and make it accessible to enforcement officers upon request.
2. The Proponent shall operate in accordance with all commitments stated in correspondence provided to the Nunavut Planning Commission (NPC File No.: 149723), and the NIRB (Online Application Form, August 25, 2022). This information should be accessible to enforcement officers upon request.
3. The Proponent shall operate the site in accordance with all applicable Acts, Regulations and Guidelines.
4. The Proponent shall ensure that it meets the standards and/or limits as set out in the authorizing agencies' permits or licences as required for this project.
5. The Proponent shall ensure that all personnel, staff and contractors are adequately trained prior to commencement of all project activities, and shall be made aware of all operational plans, management plans, guidelines and Proponent commitments relating to the project.

Waste Management

6. The Proponent shall manage all hazardous and non-hazardous waste including food, domestic wastes, debris and petroleum-based chemicals (e.g., greases, gasoline, glycol-based antifreeze) in such a manner to avoid release into the environment and access to wildlife at all times until disposed of appropriately or at an approved facility.

Wildlife – General

7. The Proponent shall not substantially alter or damage or destroy any wildlife habitat in conducting this operation unless otherwise authorized by the appropriate authorizing agencies.
8. The Proponent shall not hunt or fish, unless proper Nunavut authorizations have been acquired.

Other

9. The Proponent should engage with local residents regarding planned activities in the area and should solicit available Inuit Qaujimaningit and information regarding current recreational and traditional usage of the project area which may inform project activities. Posting of translated public notices and direct engagement with potentially interested groups and individuals prior to undertaking project activities is strongly encouraged.
10. The Proponent should, to the extent possible, hire local people and access local services where possible.