



**Talia Maksagak**

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## Rohit Srivastava

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Dear Ms. Maksagak, Mr. Dwyer, Mr. Cote and, Mr. Srivastava:

**RE: NPC File # 149853 [Atmospheric monitoring observatory in Canadian Arctic]**

The following works and activities have been proposed in the above-noted project proposal:

1. Conduct scientific research: Observe the ocean-atmosphere-ice system in the Arctic by setting up atmospheric measurements and monitoring systems in Cambridge Bay. Additional project activities include:
  - Use of a high-volume sampler for collection of aerosol samples (PM<sub>2.5</sub> and PM<sub>10</sub>) for further chemical analysis and estimation of mass concentration of different aerosol species;
  - Use of a Microwave Radiometer for measuring the vertical profiles of temperature, humidity, liquid water path, and water vapour; and
  - Use of Laser Disdrometer for measuring precipitation rate, the number of drops/particles and liquid.
2. Location: Kitikmeot Region; [Cambridge Bay].

A complete description of the project proposal reviewed by the NPC can be accessed online using the link below.

The Nunavut Planning Commission (NPC) has determined that this project proposal is outside the area of an applicable regional land use plan. The project proposal requires screening by the Nunavut Impact Review Board (NIRB) because it does not belong to a class of exempt works or activities set out in Schedule 12-1 of the Nunavut Agreement.

By way of this letter, the NPC is forwarding the project proposal to the NIRB for screening. Project materials are available at the following address: <https://lupit.nunavut.ca/portal/project-dashboard.php?appid=149853&sessionid=>

This decision applies only to the above noted project proposal as submitted. Proponents may not carry out projects and regulatory authorities may not issue licenses, permits and other authorizations in respect of projects if a review by the NPC is required.

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If you have any questions, please do not hesitate to contact me at (867) 447-4563.

Sincerely,

A handwritten signature in blue ink, consisting of the letters 'S' and 'A' connected by a horizontal line.

Solomon Amuno, PhD  
Senior Planner  
Nunavut Planning Commission