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Nunavunmi Parnaiyiit  
Nunavut Planning Commission  
Commission d'Aménagement du Nunavut

February 6, 2023  
NPC File No. 149908

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Dear Mr. Emingak, Mr. Cote, Ms. Pilakapsi, Mr. Chapple, and Mr. Pennock:

**RE: NPC File # 149908 [Chesterfield Inlet Mobile Wind Resource Assessment Project]**

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

1. Northern Energy Capital on behalf of Kivalliq Alternative Energy is proposing to conduct a preliminary renewable energy study for the community of Chesterfield Inlet, Nunavut. The community of Chesterfield Inlet currently relies on aging Caterpillar diesel generators to meet the local electricity demand.
2. The project's scope is to collect wind data using a sonic detection and ranging (SODAR) device to assess the feasibility of a utility-scale wind energy project.
  - The SODAR unit will measure wind speed, direction, and frequency over a 12-month period. The project will not require extensive land displacement or alteration; the SODAR device will be placed on the ground surface with a 3.0m x 3.0m tent enclosure to protect both wildlife and equipment, including a 5.7m x 6.1m photovoltaic power supply. The SODAR itself measures 0.5m x 0.5m x 3.0m tall.
  - The study will consider the use of wind and battery energy storage systems, and the demand in order to effectively offset the diesel generation in the community.

3. Location: Kivalliq Region; [Hamlet of Chesterfield Inlet].

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A complete description of the project proposal reviewed by the Nunavut Planning Commission (NPC) can be accessed online using the link below.

The NPC has completed its review of the above noted project proposal. It conforms to the Keewatin Regional Land Use Plan (KRLUP). The proponent has undertaken to comply with the applicable conformity requirements of Appendix C, G, and H of the KRLUP. 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 with this determination to the NIRB for screening. Project materials, including the applicable conformity requirements, are available at the following address:

<https://lupit.nunavut.ca/portal/project-dashboard.php?appid=149908&sessionid=>

The regulatory authorities to which this letter is addressed are responsible under the Nunavut Planning and Project Assessment Act (NUPPAA) to implement any of the applicable requirements by incorporating the requirements directly, or otherwise ensuring that they must be met, in the terms and conditions of any authorizations issued.

This conformity determination 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. Regulatory authorities may consult with the NPC to obtain recommendations on their duties to implement the existing land use plans prior to issuing licenses, permits and other authorizations under subsection 69(6) of the NUPPAA.

My office would be pleased to discuss how best to implement the applicable requirements and to review any draft authorizations that regulatory authorities wish to provide for that purpose. If you have any questions, please do not hesitate to contact me at (867) 447-4563.

Sincerely,

A handwritten signature in blue ink, appearing to read 'SA', with a horizontal line extending from the 'A'.

Solomon Amuno, PhD  
Senior Planner  
Nunavut Planning Commission