



March 07, 2023  
NPC FILE No. 149991

**Francis Emingak**

Acting Manager, Technical Administration  
Nunavut Impact Review Board (NIRB)  
P.O. Box 1360, Cambridge Bay, NU X0B 0C0  
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**Mosha Cote**

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**Derek Allerton**

Qulliq Energy Corporation (QEC)  
PO Box 250  
Iqaluit Nunavut X0A 0H0  
By email: [dallerton@qec.nu.ca](mailto:dallerton@qec.nu.ca)

Dear Mr. Emingak, Mr. Cote, and Mr. Allerton:

**RE: NPC File # 149991 [Geothermal Energy Potential at Cambridge Bay and Resolute Bay]**

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

1. Undertake scientific research to establish geothermal potential for two (2) Arctic communities (Cambridge Bay and Resolute Bay). The project would focus on using geophysical measurements to look under the surface to a depth of 2 km around the communities to determine the type of rock present, the thickness of the frozen layer and the amount and type of groundwater.
2. The studies will be made by a group of 4-5 people who will work for 10-14 days and will access all measurement locations with vehicles and on foot.
3. Location: Qikiqtani and Kitikmeot Regions; [Hamlets of Resolute Bay and Cambridge Bay]

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

The Nunavut Planning Commission (NPC) has completed its review of the above noted project proposal. It conforms to the North Baffin Regional Land Use Plan (NBRLUP). The proponent has undertaken to comply with the applicable conformity requirements of Appendix C, H, and I of the NBRLUP. 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=149991&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 end of the 'A'.

Solomon Amuno, PhD  
Senior Planner  
Nunavut Planning Commission