



June 13, 2022
NPC File No. 149377

Talia Maksagak

Manager, Technical Administration
Nunavut Impact Review Board (NIRB)
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Mosha Cote

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Derek Allerton

Qulliq Energy Corporation (QEC)
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Dear Ms. Maksagak, Mr. Dwyer, Mr. Cote, and Mr. Allerton:

RE: NPC File # 149377 [Baker Lake Geothermal Project]

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

1. QEC commissioned a Nunavut Geothermal Feasibility Study and has selected the Hamlet of Baker Lake as a test site for investigating the geothermal potential in the Canadian Shield. The Project will consist of the following activities:
 - Undertake drilling of a single, approximately 800-metre deep, vertical core hole at a target location within Lot 447 of the Hamlet of Baker Lake. A small volume of fuel (less than 4,000 L) will be required to power the drill during the program and will be appropriately permitted and managed.
 - Completion of a small diameter, temperature gradient hole in which geothermal properties will be studied. Should this work yield positive results, further investigations, will be conducted that might ultimately lead to the construction of a geothermal heat and power facility that would help reduce, if not eliminate, the hamlet's dependence on fossil fuels.
2. Location: Kivalliq Region; [Hamlet of Baker Lake].

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=149377&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 be 'SA' with a horizontal line extending from the 'A'.

Solomon Amuno, PhD
Senior Planner
Nunavut Planning Commission