



NIRB File No.: 25XN022

NIRB Public Registry Link: www.nirb.ca/project/126182

Commission File No.: 150591

July 16, 2025

Wesley Sutherland
Kitikmeot Corporation
30B Mitik Street, Box 6
Cambridge Bay, NU
X0B 0C0

Sent via email: wsutherland@kitikmeotcorp.com

Re: Notice of Screening and Comment Request

Dear Wesley Sutherland:

The Nunavut Impact Review Board (NIRB) received a referral to screen Kitikmeot Corporation's "Cambridge Bay Solar and Storage" project proposal:

- April 4, 2025, the Nunavut Planning Commission noted that the project proposal is outside the area of an applicable regional land use plan and
- June 27, 2025, the NIRB received a complete application and assigned it file number **25XN022** - please reference this file number in all future related correspondence.

The NIRB has commenced screening the project proposal pursuant to the *Nunavut Agreement* and *Nunavut Planning and Project Assessment Act*¹ and by copy of this letter, **invites interested parties and municipalities potentially affected by the proposal to comment directly to the Nunavut Impact Review Board.**

SCOPE OF PROPOSED PROJECT

Location	Kitikmeot region, within Municipal Boundaries of Cambridge Bay
Objective	The Proponent plans to develop, build, and operate a 3000 kilowatt (kW) solar and battery energy storage system in Cambridge Bay that would be connected under Qulliq Energy Corporation's Independent Power Producer program.

¹ 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)

Project Proposed Timeline	Construction phase from June 2026 to September 2027 Operations phase from October 2027 to October 2057 Decommissioning phase from October 2057 to October 2058
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According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Project transportation types:
 - Air – Contractors to fly in and out of Cambridge Bay; some minor project components may be shipped by air;
 - Water – Large majority of all construction materials and specialized equipment to be shipped in and out by sealift;
 - Land – Equipment to be moved from the barge landing site to the project area;
- Use of flatbed trucks with a telescopic crane to transport equipment to the project site;
- Daily transport of personnel to the project site by pickup trucks
- Use of a diesel generator for on-site power needs during construction;
- Use of a pile driver to install the piles;
- Use of an excavator to carry out civil earthworks needed to create the pad foundations for the batteries and e-houses
- Use of two (2) gravel trucks to haul gravel granular materials from existing quarries to project site;
- Use of diesel fuel (100 gallons in two 50-gallon containers) for on-site generator to supply power during construction;
- Install 70 cubic meters of lithium iron phosphate batteries for solar energy storage and electricity grid stabilization;
- Install solar array including 7,700 ground mounted solar panels;
- Install e-building to house controls and monitor equipment;
- Install a four (4) kilometre long combination of underground high voltage cables and overhead power lines to link the project site to the community grid;
- Waste management:
 - Combustible waste generated such as pallets and cardboard to be disposed of in an approved facility or may be made available to the public;
 - Non-combustible waste to be disposed of at an approved facility or shipped out by sealift; and
 - Black water waste to be properly disposed of at the local sewage lagoon.
- Use of fuel sourced from the community fuel facility;
- Hiring of local community members in the construction of the facility and maintenance of the systems; and
- Use of local accommodations and facilities.

Inclusion or Exclusion of Scoping List

The Proponent has indicated that an access road with a crossing for a char-bearing river would need to be developed to reach the project site before the construction of the solar array facilities can be commenced. The Proponent indicated that a separate application would be submitted for assessment and permitting process. As such, the NIRB notes that the development of an access road to the project site is excluded from the scope of the project and not included in this assessment.

REQUEST FOR COMMENTS

Documents received and describing the proposal can be accessed from the NIRB's online public registry at www.nirb.ca/project/126182 including:

- *Commission Conformity Determination*
- *NIRB Online Application in English*
- *Non-technical Summaries in English and Inuinnaqtun*
- *Aurora Energy Solutions Community Engagement Report*
- *Aurora Energy Solutions Social, Economic & Environmental Impacts*
- *Solar Glint & Glare Study for the Cambridge Bay Solar and Storage Project*
- *Community Solar Project Overview*
- *Nunami Stantec Ltd. Archaeological Impact Assessment Summary Report*
- *High Latitude Energy Consulting Energy Yield Simulation*
- *Hamlet of Cambridge Bay Letter of Support (October 2022 and September 2024)*
- *NAV Canada Evaluation of Solar Array (January 2025)*
- *Polar Knowledge Letter of Support (October 2024)*
- *Qulliq Energy Corporation Letter of Support (November 2022)*
- *Site Layout*

The NIRB may request additional information at any time during the process.

By copy of this letter, the NIRB is inviting interested parties and municipalities potentially affected by the project proposal to comment directly to the NIRB by **August 6, 2025**

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.

CONTACT INFORMATION

Please send 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/126182. Questions should be directed to the undersigned at 1-866-233-3033 or femingak@nirb.ca.

Sincerely,



Francis Emingak
Screening Officer
Nunavut Impact Review Board

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

cc: Distribution List
Wynter Kulikatana, Kitikmeot Inuit Association
Tannis Bolt, Kitikmeot Inuit Association
Cory Barker, Kitikmeot Inuit Association
Justin Buller, Government of Nunavut, Executive & Intergovernmental Affairs
Dianne Lapierre, Government of Nunavut, Economic Development & Transportation
Sean Joseph, Government of Nunavut, Environment Assessment & Regulations
William Patch, Government of Nunavut, Community Services
Randy Mercer, Government of Nunavut, Community Services
Ken Wassylyshen, Government of Nunavut, Community Services
Olivier Forbes-Bouillon, Government of Nunavut, Community Services
Caroline Whittle, Government of Nunavut, Culture and Heritage
Adam Pollock, Government of Nunavut, Culture and Heritage
Adrian Paradis, Canadian Northern Economic Development Agency
Melissa Alexander, Canadian Northern Economic Development Agency
Transport Canada
Qulliq Energy Corporation
Jim MacEachern, Hamlet of Cambridge Bay