



## PROJECT OVERVIEW

### **Project Scope:**

All documents received and pertaining to this project proposal can be accessed from the NIRB's online public registry at [www.nirb.ca/project/125627](http://www.nirb.ca/project/125627).

<b>Project:</b>	Cambridge Bay New Power Plant and Bulk Fuel Storage Facility
<b>Region:</b>	Kitikmeot
<b>Location:</b>	Cambridge Bay
<b>Summary of Project Description:</b>	The Proponent intends to construct and operate a new power plant, the proposed multi-year project will include a new five-engine power generation facility designed for a 40-year life and will incorporate new technology to improve reliability, efficiency, operation, and safety. A bulk fuel storage system consisting of two 2-million litre vertical fuel tanks, a second containment berm, one 90,000 litre double wall horizontal fuel tank, piping and pumping facilities will also be constructed. The Proponent has plans for a Quoset garage, transformer storage, for sea can storage and a back-up emergency generator, an approximately two kilometers of distribution line will be required to connect to the new power plant which will also include offices, electricity control room, line shop, and garage/workshop. A 400-metre long pipeline will be constructed to connect to the Petroleum Products Division bulk fuel facility.
<b>Project Proposed Timeline:</b>	April 2024 to March 2026

According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Construction of a new power plant which will include a five-engine power generation facility:
  - Construction of a bulk fuel storage system consisting of two 2-million litre vertical fuel tanks, a second containment berm, one 90,000 litre double wall horizontal fuel tank,
  - Construction of piping and pumping facilities,
  - Construction of a 400-metre long pipeline to connect to the PPD bulk storage facility;
- Use of an Excavator, Backhoe, and a Bulldozer for construction on site;
- Use of a two (2) dump trucks to transport material to and from site;
- Use of a Grader for civil construction to level soil/gravel;
- Use of a Compactor machine to compact the site grounds;
- Use of a tower crane to lift construction materials to height;
- Use of a Bored pile drilling machine to pile construction;
- Use of a Truck Trailer to transport materials
- Use of a telehandler and forklift to carry/transport heavy loads;

- Use of a two (2) concrete mixer to mix and pour concrete;
- Use of two (2) welding machines to weld materials;
- Use of diesel fuel to fill all equipment on site which will be the responsibility of the contractor;
- Use four (4) 205-liter containers of solvent for generator maintenance and operation;
- Use and storage of 3,280 liters of engine oil for generator maintenance and operation; and;
- Use of 2,000 liters of propylene glycol for power plant operations and heat transfer.

### ***Inclusion or Exclusion of Scoping List***

At this time, the NIRB has identified no additional works or activities in relation to the project proposal. As a result, the NIRB will proceed with screening the project based on the scope as described above.

## REQUEST FOR COMMENTS

All documents received can be accessed from the NIRB's online public registry [www.nirb.ca/project/125627](http://www.nirb.ca/project/125627) and include:

- *Commission Referral and Application*
- *QEC Powerplant Project Description*
- *Climate Resilience Assessment Report*
- *Environmental Site Assessment Pt 1-4*
- *Geotechnical Investigation Report*
- *NIRB Application*
- *Non-Technical Summary in English, Inuinnaqtun, and Inuktitut*
- *Potential Environmental Effects and Mitigation Measures*
- *Preliminary Site Plans*

The NIRB will copy you on screening process related correspondence and upload related documents to the NIRB's online registry for public access. The NIRB may request additional information at any time during the process.

The NIRB is copying parties and municipalities potentially affected by Qulliq Energy Corporation project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **August 30, 2021**.

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 including if a Review is required any additional factors that should be considered as part of that process.

#### CONTACT INFORMATION

Please send your comments to the NIRB via email at [info@nirb.ca](mailto: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/125627](http://www.nirb.ca/project/125627).

If you have any questions or require clarification, feel free to contact the undersigned at (867) 983-4616 or [femingak@nirb.ca](mailto:femingak@nirb.ca).

Sincerely,



Francis Emingak  
Junior Technical Advisor  
Nunavut Impact Review Board

Enclosures (3): Public Notice of Screening (English)  
Comment Forms (English, and Inuinnaqtun)

cc: Distribution List  
Richard Dwyer, Nunavut Water Board  
Carson Gillis, Nunavut Tunngavik Inc.  
Geoff Clark, Kitikmeot Inuit Association  
Wynter Kuliktana, Kitikmeot Inuit Association  
Robert Chapple, Government of Nunavut, Department of Community and Government Services  
Natalie O'Grady, Government of Nunavut  
Candis Sateana, Government of Nunavut (Nunavut Airport Division)  
Saba Qazi, Canadian Northern Economic Development Agency  
Tracey McCaie, Crown-Indigenous Relations and Northern Affairs Canada  
Transport Canada