



NIRB File No.: 22XN024

NPC File No.: 149761

May 25, 2022

Michael Frind
Qulliq Energy Corporation
Box 25
Iqaluit, Nunavut X0A 0H0

Sent via email: mfrind@qec.nu.ca

Re: Notice of Screening for Qulliq Energy Corporation's "Proposed New Power Plant in Chesterfield Inlet" project proposal

Dear Michael Frind:

On April 14, 2022, the Nunavut Impact Review Board (NIRB) received a referral to screen Qulliq Energy Corporation's (QEC) "Proposed New Power Plant in Chesterfield Inlet" project proposal from the Nunavut Planning Commission (Commission), with an accompanying positive conformity determination with the Keewatin Regional Land Use Plan.

Pursuant to 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*), the NIRB has commenced screening this project proposal and has assigned it file number **22XN024**.

INFORMATION REQUEST

On April 14, 2022, the NIRB requested that the Proponent complete the online application form through the NIRB's public registry system and ensure, pursuant to s. 144(1) of the *NuPPAA*, that sufficient information is provided to determine the scope of the project activities being proposed and commence screening.

On May 10, 2022, the NIRB released a formal correspondence, pursuant to s. 144(1) of the *NuPPAA*, requesting that the Proponent provide the Board with the information necessary in order to carry out the screening of the project proposal. Following a preliminary completeness check of the proposal as submitted on May 13, 2022, by the Proponent, the NIRB determined that the proposal did not contain the necessary information for the NIRB to carry out its screening and on May 18, 2022, requested that the Proponent provide the Board with the additional information in

order to carry out the screening of the project proposal. On May 18, 2022, the NIRB received the required information and commenced the screening pursuant to Part 3 of the *NuPPAA*.

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/125696.

Project:	Proposed New Power Plant in Chesterfield Inlet
Region:	Kivalliq
Location:	Within the municipal boundaries of Chesterfield Inlet
Summary of Project Description:	The Proponent intends to construct and operate a new power plant. The proposed multi-year project will include a new four-engine power generation facility designed for a 40-year life and will incorporate new technology to improve reliability, efficiency, operation, and safety. A fuel storage system consisting of two 90,000 litre double wall horizontal fuel tanks, and fuel pumping facilities will also be constructed. The Proponent has plans for a Quonset garage, as well as storage facilities for transformers, utility poles, oil and glycol. Space will be allocated for transient staff accommodations, sea cans for storage, and a back up emergency generator. A 250-metre-long fuel pipeline will be constructed to connect to the Petroleum Products Division bulk fuel facility.
Project Proposed Timeline:	April 2023 to April 2067

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 four-engine power generation facility:
 - Construction of a fuel storage system consisting of two 90,000 litre double wall horizontal fuel tanks,
 - Construction of piping and pumping facilities,
 - Construction of a 250-metre long fuel pipeline to connect to the PPD bulk storage facility;
- Use of an Excavator, Backhoe, and a Bulldozer for construction on site;
- Use of 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 two (2) concrete mixers 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/125696 and include:

- *Commission Conformity Determination and Application*
- *Commission Questionnaire*
- *NIRB Application*
- *Project Description*
- *Proposed Map*
- *Hamlet of Chesterfield Inlet Letter of Support*

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 QEC's project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **June 15, 2022**.

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.

Additionally, please be aware that the NIRB and the Nunavut Water Board (NWB) are required to coordinate their processes¹ for projects that require a water licence, especially municipal undertakings in order ensure the timely review and processing of the application. In undertaking a coordinated NIRB-NWB process, the Proponent must provide information through the assessment to satisfy both the impact assessment requirements as well as the water licensing process; furthermore, where information to satisfy each process is similar, coordination of the timing or contents of applications may be considered when information is being submitted to both organizations. However, the Proponent has the option to request or opt out of a coordinated process at any time. Should the Proponent wish to discontinue the coordinated process, the Proponent may do so in writing to both the NIRB and the NWB.

CONTACT INFORMATION

Please send your 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/125696.

If you have any questions or require clarification, feel free to contact the undersigned at (867) 983-4622 or motokiak@nirb.ca.

¹ As per Sections 13.5.2 and 13.6.1 of the *Nunavut Agreement*, s. 193 of *NuPPAA*, and s. 37 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*.



Sincerely,



Mia Otokiak
Junior Technical Advisor
Nunavut Impact Review Board

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

cc: Distribution List
Richard Dwyer, Nunavut Water Board
Luis Manzo, Kivalliq Inuit Association
Maria Serra, Kivalliq Inuit Association
Brenda Osmond, Kivalliq Inuit Association
Ashley Aupaluktuq Burton, Kivalliq Inuit Association
Robert Chapple, Government of Nunavut – Community & Government Services
Agnes Simonfalvy, Government of Nunavut – Department of Economic Development
Candis Sateana, Nunavut Airports Division
Tracey McCaie, Crown – Indigenous Relations and Northern Affairs Canada
Transport Canada General Inbox
Nav Canada General Inquires
Hamlet of Chesterfield Inlet
Chesterfield Inlet HTO