



NIRB File No.: 19XN011
NPC File No.: 149022

July 5, 2019

Megan Larose
Qulliq Energy Corporation
Box 580
Iqaluit, NU X0A 0H0

Sent via email: mlarose@qec.nu.ca

Re: Revised Notice of Screening for Qulliq Energy Corporation's "Kugluktuk Power Plant and Solar" Project Proposal

Dear Megan Larose:

On February 27, 2019, the Nunavut Impact Review Board (NIRB or Board) circulated a public notice of the screening for Qulliq Energy Corporation's (QEC) "Kugluktuk Power Plant and Solar" project proposal, inviting interested parties to provide comments by March 20, 2019; comments were received from the following interested parties:

- Government of Nunavut (GN)
 - Department of Culture and Heritage (GN-CH)
 - Department of Environment (GN-DOE)
- Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)
- Environment and Climate Change Canada (ECCC)
- Kugluktuk Angoniatit Association

During a teleconference between NIRB staff and the QEC on March 29, 2019 to discuss the comments received, it was determined that the application submitted to the NIRB did not reference construction of two (2) - 1.2 million litre bulk fuel storage tanks, therefore this activity had not been part of the scope previously presented to parties. On March 29, 2019, QEC was provided an opportunity to address parties' comments with a request to submit details on the fuel tanks. Following several additional conversations to clarify necessary details related to this activity, on June 7, 2019 the additional information was received by the NIRB. Following a final completeness check of the additional materials provided, it was determined that while the Nunavut Planning Commission application included sufficient reference to the activity for the conformity determination, parties had not been provided the opportunity to adequately assess the impacts of this component and required an additional opportunity to submit comments on the updated proposal.

PROJECT OVERVIEW

Project Scope:

As previously noted to parties, the proposed “Kugluktuk Power Plant and Solar” project is located within the Kitikmeot region, within the Hamlet of Kugluktuk. The Proponent intends to build a new power plant to replace the existing power plant in Kugluktuk for a 40-year life span. A solar array will be built adjacent to the plant to supplement electrical production. The plant will also be built to integrate sustainable technologies for future power generation. The construction program is proposed to take place from 2019 to 2021 with operations planned until 2049.

According to the original February 20, 2019 project proposal application, the scope of the project includes the following undertakings, works or activities:

- Use of heavy equipment to prepare site for construction of plant and fuel tanks;
- Construction of new power plant with higher power output;
- Installation of two (2) double walled fuel tanks (each at 90,000 litres capacity);
- Storage of hazardous materials;
- Construction of additional facilities to support the power plant;
- Construction of a 500 KW solar array adjacent to the new power plant;
- Burning of combustible wastes using a waste oil furnace and shipment of non-combustible wastes to southern facilities for disposal; and
- Use of facilities and accommodations in Kugluktuk.

According to the updated project proposal received June 7, 2019, the scope includes the preceding undertaking, works, and activities, as well as the following:

- Installation of two (2) - 1.2 million litre bulk fuel storage tanks adjacent to the new power plant; and
- Installation of a pipeline connecting the new storage tanks to the existing tank far.

REQUEST FOR COMMENTS

All documents received and pertaining to this project proposal can be accessed from the NIRB’s online public registry at <http://www.nirb.ca/project/125442>.

The documents received include:

- *NPC Screening Referral (original)*
- *NPC Application (original)*
- *NIRB’s Online Application Form (revised)*
- *Non-technical Project Proposal summary in English, French, Inuktitut, and Inuinnaqtun*
- *Maps noting new power plant and solar array location (original)*
- *Kugluktuk Spill Plan (original)*
- *Hamlet of Kugluktuk Site Approval (original)*
- *Standard Operating Procedure Manuals (original)*
 - *Transfer of Diesel Fuel*
 - *Storage of Diesel Fuel*
 - *Management of Liquid Waste*
 - *Management of Oil Contaminated Solid Waste*
 - *Management of Waste Batteries*

- *Management of Waste Transformers*
- *Qulliq Energy Corporation General Spill Plan (original)*
- *Solar Array System Requirements (original)*
- *Scope of Work (original)*
- *Diagram of New Plant and fuel tanks (all new materials)*
- *NIRB Application Addendum (all new materials)*

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 **July 15, 2018** **regarding only the additional items included in the scope as received on June 7, 2019.**

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 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 <http://www.nirb.ca/project/125442>. Please reference NIRB File No. **19XN011** in all related correspondence.

If you have any questions or require clarification, please contact the undersigned at 867-983-4617 or at kmorrison@nirb.ca.

Sincerely,



Keith Morrison
Technical Advisor II
Nunavut Impact Review Board

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

cc: Distribution List
Richard Dwyer, Nunavut Water Board
Geoff Clark, Kitikmeot Inuit Association
Tannis Bolt, Kitikmeot Inuit Association
Robert Chapple, Government of Nunavut – Community and Government Services
Tracey McCaie, Crown-Indigenous Relations and Northern Affairs Canada
Peter Unger, Natural Resources Canada