



NIRB File No. 12YA048
NWB File No.: 2BE-IHE----

December 21, 2012

Stephen Kerr
Director, Engineering
Qulliq Energy Corporation
P.O. Box 580
Iqaluit, NU X0A 0H0

Via email: skerr@npc.nu.ca

Re: Notice of Part 4 Screening for Qulliq Energy Corporation's "Iqaluit Hydro-Electric Baseline Study" project proposal

Dear Stephen Kerr:

On November 23, 2012 the Nunavut Impact Review Board (NIRB or Board) received Qulliq Energy Corporation's (QEC) "Iqaluit Hydro-Electric Baseline Study" project proposal (the Project) from QEC. On December 18, 2012 the NIRB received referrals for the Project from both the Nunavut Research Institute (NRI) and the Nunavut Water Board (NWB). On December 20, 2012 the NIRB received a referral from Aboriginal Affairs and Northern Development Canada (AANDC). The NIRB has assigned this project proposal file number 12YA048.

The proposed project would be located in the South Baffin Region and is to initiate a feasibility study and environmental review of a potential hydroelectric project for Iqaluit. Currently, QEC is proposing to investigate two sites near Iqaluit. The first site is at Armshow River that is approximately 35 kilometres south of Iqaluit within the boundaries of the proposed Katannilik Territorial Park on the snowmobile trail to Kimmirut. The second proposed site is at Jaynes Inlet approximately 80 km south from Iqaluit. The work is proposed to start in approximately March of 2013 and occur over various times of the year until March of 2016.

The NIRB has previously screened two projects related to this file, the first was file no. 06YN044 and the second was file no. 08YN077.

The project activities include:

- Surveys proposed to begin in April 2013 with personnel being based out of Iqaluit and emergency camps at both Armshow River and Jaynes Inlet sites;
- Establishment of a camp in June, for approximately 22 people at the Armshow River site. An emergency camp would be established at the Jaynes Inlet;

- Sewage and combustible garbage is expected to be incinerated and any hazardous or non-combustible wastes will be transported off site to be disposed of appropriately. However, there is potential that all solid wastes will be taken to Iqaluit for disposal;
- Water would be used for both the camp and for the geotechnical drilling, approximately 68 litres per day;
- Equipment on site is expected to include two (2) snowmobiles, 2 all-terrain vehicles (ATVs/Hondas), one (1) rock coring drill and a helicopter;
- Fuel would be stored/cached at both the Armshow River camp and the Jaynes Inlet Emergency camp in lined containment. These fuel caches are expected to have a total of approximately 15,000 Litres of Diesel (75 drums), 410 Litres of gasoline (2 drums), 41,000 Litres of Aviation Fuel (200 drums) and 12 20 pound/100 pound tanks of propane between them;
- Environmental studies on both Crown and Inuit Owned lands, including:
 - Soil and Vegetation studies
 - Terrestrial wildlife studies
 - Hydrology surveys
 - Water and sediment quality studies
 - Fish/fish habitat surveys
 - Geotechnical drilling (estimated 20 holes)
- Archaeology research;
- Ground and aerial surveys; and
- Aircraft use for personnel transport between research sites and Iqaluit.

All documents received and pertaining to this project proposal can be obtained from the NIRB's ftp site at <http://ftp.nirb.ca/01-SCREENINGS/ACTIVE%20SCREENINGS/> including:

- *NIRB Part 1 Summary Application Form in English and Inuktitut*
- *Non technical Project Proposal summary in English and Inuktitut*
- *NIRB Part 2 Project Specific Information Requirements in English*
- *Scientific Research Licence Application*
- *Aboriginal Affairs and Northern Development Land Use Permit Application*
- *Spill Contingency Plan; and*
- *Maps.*

Pursuant to Part 4, Article 12 of the Nunavut Land Claims Agreement (NLCA), the NIRB shall proceed to screen this project proposal. The NIRB may request additional information at any time during the process. The NIRB will copy you on screening process related correspondence and upload related documents to the above ftp site for public access.

The NIRB is copying parties and municipalities potentially affected by QEC project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **January 24, 2013**.

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 and socio-economic effects; and if so, why;

- Whether the project is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

Please send your comments to the NIRB at info@nirb.ca or via fax at **(867) 983-2594**.

If you have any questions or concerns, please contact the undersigned at (867) 983-4619 or kgillard@nirb.ca.

Sincerely,



Kelli Gillard B.Sc., P.Ag.
Technical Advisor
Nunavut Impact Review Board

cc: Distribution List
Richard Cook, Knight Piesold
Phyllis Beaulieu, Nunavut Water Board
Bernie MacIsaac, Qikiqtani Inuit Association
Mosha Cote, Nunavut Research Institute
Jeff Mercer, Aboriginal Affairs and Northern Development Canada
Tracey McCaie, Aboriginal Affairs and Northern Development Canada

Enclosures (2): Comment Forms (English and Inuktitut)