

PROJECT OVERVIEW

Project Scope:

The proposed “Iqaluit Power Plant Bulk Fuel Storage Upgrade” project is located within the Qikiqtani (South Baffin) region, within the municipal boundaries of Iqaluit. The Proponent intends to make upgrades to the existing Iqaluit Bulk Storage Tank Farm associated with the City’s main power plant to increase diesel fuel storage capacity. The construction program is proposed from May 2018 to August 2019.

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

- Expand and upgrade existing tank farm facility to increase diesel fuel storage capacity from 5.6 million litres (ML) to 11.3 ML:
 - Construction and installation of a new 5,700,000 litres (L) field erected tank (Tank #2) with associated fill and supply piping;
 - Installations of remote fill for the intermediate tank and audible/visual overflow protection system on Tank #2;
- Use of heavy equipment (excavator and crane) to undertake civil and electrical works:
 - Removal of the existing berm liner for portion of berm liner being upgraded;
 - Installation and welding of new HDPE (High Density Polyethylene) liner within a portion of the secondary containment area;
 - Installation of a new tank foundation, and construction of concrete apron for truck refueling;
 - Installation of ancillary electrical components (motor operated valve control unit overflow protection control unit) and new grounding system for Tank #2;
 - Completing ultrasonic and x-ray testing, including commissioning, training, and demonstration of all components as per the specifications;
 - Use of approximately 205 L of diesel fuel to run an excavator, crane, and pump
- Conduct hydrostatic testing on tank #2 to ensure soundness of all welds and joints, using 299 cubic metres (m³) of water/day (5,700,000 m³ total), drawn from two (2) nearby ponds as well as Lake Geraldine (the City’s water supply); and
- Discharge test water into a stream adjacent to the power plant where it will flow out into the ocean.

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 and pertaining to this project proposal can be obtained from the NIRB’s online public registry at www.nirb.ca by using any of the following search criteria:

- Project Name: Iqaluit Power Plant Bulk Fuel Storage Farm Upgrade
- NIRB File No.: 17XN070
- Application No.: 125250

The documents received include:

- *NPC Screening Referral and Conformity Determination*
- *NPC Application and Conformity Questionnaire*
- *NIRB's Online Application Form*
- *Nunavut Water Board Water Licence Application (Executive Summary)*
- *Non-technical Project Proposal summary in English, Inuktitut, and French*
- *Project Brief of the Iqaluit Bulk Fuel Storage Farm Upgrade*
- *Tank Hydrotest Water Source Planning Map*
- *Existing Fuel Farm Engineering Drawings and Schematics (1993)*
- *New Farm Upgrade Engineering Drawings for 2018 construction (Issued for Tender)*
- *Spill Contingency Plan and Site Specific Information*

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 **February 21, 2018**.

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 www.nirb.ca by using any of the following search criteria:

- Project Name: Iqaluit Power Plant Bulk Fuel Storage Farm Upgrade
- NIRB File No.: 17XN070
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If you have any questions or require clarification, please contact the undersigned at 867-983-4607 or at sthompson@nirb.ca.

Sincerely,



Shanley Thompson
Technical Advisor II
Nunavut Impact Review Board

cc: Distribution List
 Jacob Saunders, Inukshuk Construction Ltd.
 Jackie Zhou, Qulliq Energy Corporation
 Karén Kharatyan, Nunavut Water Board
 Stephen Williamson Bathory, Qikiqtani Inuit Association
 Salamonie Shoo, Qikiqtani Inuit Association
 Robert Chapple, Government of Nunavut-Community and Government Services
 Timoon Toonoo, Government of Nunavut-Community and Government Services
 Amy Robinson, Government of Nunavut – Department of Environment
 Georgina Williston, Environment and Climate Change Canada
 Veronique D'Amours-Gauthier, Fisheries and Oceans Canada
 Tracey McCaie, Indigenous and Northern Affairs Canada

Enclosures (6): Public Notice of Screening (English, French, and Inuktitut)
 Comment Forms (English, French and Inuktitut)