



NIRB File No.: 13UN037

NWB File No.: 3AM-GRA1015/Amendment No. 1

May 29, 2014

Joe Acorn
Project Manager
Stantec Consulting Ltd.
5021-49th Street, P.O. Box 1680
Yellowknife, NT X1A 2N4

Sent via email: joe.acorn@stantec.com

Re: Notice of Part 4 Screening for the Government of Nunavut Department of Community and Government Services' "Hamlet of Rankin Inlet: Amendment Application - Seasonal Replenishment of Nipissar Lake" Project Proposal

Dear Joe Acorn:

On August 23, 2013 the Nunavut Impact Review Board (NIRB or Board) received the Government of Nunavut, Department of Community and Government Services' (GN-CGS) "Hamlet of Rankin Inlet: Amendment Application – Seasonal Replenishment of Nipissar Lake" project proposal from the Nunavut Water Board (NWB). On December 11, 2013 the NIRB received a positive conformity determination (Keewatin Regional Land Use Plan) from the Nunavut Planning Commission (NPC) for this project proposal. The NIRB has assigned this project proposal file number **13UN037** - please reference this file number in related future correspondence.

Following a preliminary completeness check, the NIRB determined that the proposal as submitted did not contain sufficient information for the NIRB to permit proper screening. On September 10, 2013 the NIRB issued correspondence to the GN-CGS advising that a conformity determination from the NPC for this file would be required prior to commencing screening and recommended that additional information, specifically the NIRB's Part 1 and Part 2 forms, be provided in support of the project proposal. Following receipt of the positive conformity determination (Keewatin Regional Land Use Plan) from the NPC on December 11, 2013, on December 17, 2013 the NIRB formally requested that the GN-CGS provide additional information in support of this proposal by January 3, 2014. Further, on December 20, 2013 the NIRB requested an extension to the screening timeline for this proposal from the Minister of Aboriginal Affairs and Northern Development. On May 13, 2014 the NIRB received the additional information from the Proponent as requested.

The proposed project is located approximately two to four kilometres (km) northwest of Rankin Inlet in the Kivalliq Region and is intended to transport water from the Char River in order to re-supply the Nipissar Lake (also known as Nipissak Lake), which is in turn used to supply the municipal water needs for Rankin Inlet. The program is proposed to take place from September 2012 to September 2032, or longer if the pipeline remains functional, with yearly seasonal operation between June and September to commence in June 2014.

The proposed project activities include:

- Use and grading of the existing access road at the intake area along Char River;
- Development and use of a temporary winter access trail along the pipeline to transport equipment, materials and personnel (fuel to be stored in Rankin Inlet);
 - Approximately 10 Litres (L) of oils and lubricants to be used annually during the operation phase;
 - Used oil and waste fuel to be disposed of at an approved disposal facility in Rankin Inlet;
- Domestic waste to be disposed of at the Rankin Inlet Solid Waste Facility;
- Construction, operation and decommissioning of a 4.05 kilometre (km) overland water intake pipeline extending from the Char River to Nipissar Lake including:
 - Installation of a water intake area with pump and 75 horsepower diesel powered generator (to be refuelled with a hand pump or electric pump and stored in a sea canister);
 - 50 m intake hose with floating base (to anchor the intake hose during operation), and intake screen. Hose and floating base to be stored in the sea canister at the end of the operation season;
 - Pipeline with one low point drain and two high point air releases to facilitate draining of the pipeline at the end of the operation season; and
 - Discharge area at the high water mark of Nipissar Lake with the installation of a concrete slab (splash pad) and surrounding riprap;
- Installation of culverts under existing access roads to facilitate surface water drainage and to allow for passage of the pipeline;
- Approximately 0.5 m of granular material (sand) sourced from Rankin Inlet's community borrow pit to be placed on the pipeline in two areas to facilitate snowmobile access; and
- Amount of water required to prevent water level decreases in Nipissar Lake would be dependent on community need and expected to increase as the community increases in size, with a projected maximum 47,187 cubic metres (m³) to be transferred during the 2014 season and up to 271,924 m³ in 2030
 - A Withdrawal Plan is proposed to be developed using data collected from the 2014 pumping season for pumping activities to be conducted during subsequent years.

All documents received and pertaining to this project proposal can be obtained from the NIRB's online public registry at

<http://ftp.nirb.ca/01-SCREENINGS/ACTIVE%20SCREENINGS/13UN037-GN-CGS-Hamlet%20of%20Rankin%20Inlet%20Type%20A/> including:

- *NIRB Part 1 Summary Application Form in English and Inuktitut*
- *NWB Application for Water Licence Amendment*
- *Environmental Screening Report*
- *Non-technical Project Proposal summary in English and Inuktitut*
- *Maps (within the Environmental Screening Report)*
- *NPC Conformity Determination and Questionnaire*

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 site for public access.

The NIRB is copying parties and municipalities potentially affected by the GN-CGS' project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **June 18, 2014**.

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 require clarification, please contact the undersigned at (867) 983-4606 or hassmussen@nirb.ca.

Sincerely,



Heather Rasmussen
Technical Advisor
Nunavut Impact Review Board

cc: Distribution List
Jason Tologanak, Government of Nunavut, Community and Government Services
Kassandra DeFrancis, Stantec Consulting Ltd.
Phyllis Beaulieu, Nunavut Water Board
Robin Ikkutisluuk, Nunavut Water Board
Luis Manzo, Kivalliq Inuit Association
Tracey McCaie, Aboriginal Affairs and Northern Development Canada

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