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April 30, 2015

Solomon Amuno
Technical Advisor
Nunavut Impact Review Board

RE: Opportunity to address comments received regarding City of Iqaluit's "Northwest Granular Deposit Road and Quarry Development" project proposal

Dear Mr. Amuno:

Please see the response below to the questions/comments received from the letter the Nunavut Impact Review Board provided to the City of Iqaluit on April 24, 2015.

Question 1 - AANDC indicated concerns regarding alignment of the proposed all weather road with the ATV trail, and how the proposed road realignment could potentially generate public concern.

Answer 1 - On April 21, 2015, as part of the second reading of the re-zoning bylaw, notices were posted around the City of Iqaluit and a public meeting was held in Council Chambers; no public concerns were raised at that time. In addition, the 2010 General Plan identifies the Northwest Iqaluit Granular Deposit as a future granular extraction area. As a requirement for the approval of the 2010 General Plan, there was extensive public consultation that covered all aspects of the General Plan.

The construction of this road will be accessible to the public once it is complete and will facilitate much easier access to the land than what is provided now.

Question 2 - AANDC requested information regarding whether or not a Sewage Management Plan would be provided by the Proponent to address potential sewage generated when workers are working on the road and quarry outside of town.

Answer 2 - There is no Sewage Management Plan prepared for this site. During construction and pit operations portable toilets will be provided by the contractor if required and all sanitary waste will be removed from the site and brought to the City of Iqaluit Wastewater Treatment Plant for processing.

Question 3 - AANDC requested information regarding whether the road to the Trail Area Deposit would remain open to the public and whether the public would continually have access to and past the proposed Northwest Aggregate Deposit Access Road during and after construction.

Answer 3 - The road to the Trail Area Deposit will remain open to the public during the construction of the road to the Northwest Iqaluit Granular Deposit. However, due to safety

concerns, the public will not be permitted within the construction zone of the new access road during construction. Once the road is complete it will be open to the public for use.

Question 4 - AANDC indicated that it requires the Proponent to clarify how abandonment and restoration of the site would be carried out, with specific notes on appropriate measures to be undertaken by the Proponent to ensure that contractors and lease holders adhere to the Abandonment and Restoration Plan.

Answer 4 - A high level Abandonment and Restoration Plan was provided in the letter dated March 25, 2015 to the Nunavut Impact Review Board. A more detailed Abandonment and Restoration Plan will be completed based on the detailed design conjunction with the Quarry Development Plan. As part of the leases for the contractors to extract gravel, there will be clauses that ensure contractors and lease holders adhere to the Abandonment and Restoration Plan.

Question 5 - AANDC requested updates regarding specific locations prior to installing any culverts that are in addition to the two described in the application.

Answer 5 - The City of Iqaluit submitted a Type B licence for three water crossings to the Nunavut Water Board; two crossings were part of the original submission dated September 29, 2014 and a third water crossing was added to the submission in a letter to the Nunavut Water Board dated February 25, 2015. The locations of the culverts that are not included in the submission to the Nunavut Water Board were provided in Appendix F of the Nunavut Impact Review Board Part 2 submission.

Question 6 - AANDC indicated that it requires the Proponent to clarify whether or not relevant laboratory tests regarding acid rock drainage and metal leaching potential have been conducted on overburden and granular materials, as well as identification of sensitive areas, such as slopes that are prone to erosion or areas of ice-rich permafrost and ice-lenses.

Answer 6 - These tests will be included in the Geotechnical Investigation planned for May 2015.

Question 7 - AANDC indicated that it requires the Proponent to address inconsistencies and discrepancy regarding the anticipated total volume of aggregate materials to be extracted from the selected sites.

Answer 7 - The consulting firm working for the City of Iqaluit on this project reviewed the study by Lisa Sankeralli and based on the GPR survey and Auto-Cad files the consultants provided their estimates on the selected sites. At this level of analysis it is expected that there would be differences in the interpretation of the data. The difference in the totals does not impact how the Northwest Granular Deposit will be developed.

Question 8 - AANDC requested clarification as to whether or not crushing activities would occur on or offsite including whether blasting is anticipated to be part of the proposed quarry project.

Answer 8 - The Northwest Iqaluit Granular Deposit will be an extracting area only, no crushing will occur on site. Blasting will not occur in the Northwest Iqaluit Granular Deposit.

Question 9 - AANDC requested inclusion of dust suppression measures to mitigate effects due to development and operation of the quarry, as well as mitigation of any potential seasonal or storm water management issues.

Answer 9 - During the development, the contractor will use water trucks to suppress dust where required. Silt fence will be installed as part of the design of the Northwest Iqaluit Granular Deposit. A Quarry Development Plan will be created that will include designs and protections measures that will mitigate any seasonal or storm water management issues.

Question 10 - EC recommended that the Proponent carry out activities by adopting operational considerations, as well as comply with specific legislation and guidelines related to spill planning, road construction and potential impacts to wildlife.

Answer 10 - The City of Iqaluit will follow the specific legislation and guidelines applicable to this project and provided in EC's response.

Question 11 - DFO requested that the Proponent work in areas of low or no flow as proposed.

Answer 11 - The City of Iqaluit confirms that work will only take place in areas of low or no flow as proposed. The City will follow the appropriate regulations when installing culverts in streams and drainage locations.

If you have any questions please contact Paul Clow at 867-979-6363 ext.233 or p.clow@city.iqaluit.nu.ca.

Sincerely,



Matthew Hamp
Director of Engineering
City of Iqaluit

cc: Muhamud Hassan, City of Iqaluit; Meagan Leach, City of Iqaluit