

Environmental Protection Operations  
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June 14, 2007

Phyllis Beaulieu  
Manager of Licensing  
Nunavut water Board

via e-mail

**RE: City of Iqaluit – TAD Project New Type B water License – 8BC-TAD**

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

The City of Iqaluit is proposing to construct a new 1.3 km access road to a new granular site referred to as Trail Area Deposit located between the North 40 gravel site and the Northwest aggregate site. The purpose of the project is to supply granular material to Iqaluit in order to facilitate ongoing construction and maintenance of local infrastructure for the next 10-12 years.

Environment Canada recommends that the following conditions be applied throughout all stages of the project:

- The proponent shall not deposit, nor permit the deposit of any fuel, chemicals, wastes, or sediment into any water body. According to the Fisheries Act, Section 36(3), the deposition of deleterious substances of any type in water frequented by fish or any place under any conditions where the deleterious substance, or any other deleterious substance that results from the deposit of the deleterious substance, may enter any such water, is prohibited.
- Environment Canada recommends that erosion control measures be implemented during the construction of the access road such as silt curtains and/or silt fencing to reduce human induced sedimentation of nearby water bodies.
- The proponent shall not deposit, nor permit the deposit of sediment into any water body. It is recommended that an undisturbed buffer zone of **at least 100 m** be maintained between the proposed quarry operation and the normal high water mark of any water body.
- The proponent shall ensure that they have an up to date Spill Contingency Plan for the project. Spills shall be documented and reported to the 24 hour Spill Line at (867) 920-8130.
- All releases of harmful substances, regardless of quantity, are immediately reportable where the release:
  - is near or into a water body;
  - is near or into a designated sensitive environment or sensitive wildlife habitat;
  - poses an imminent threat to human health or safety; or
  - Poses an imminent threat to a listed species at risk or its critical habitat.

If there are any changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4631 or by email at [cindy.parker@ec.gc.ca](mailto:cindy.parker@ec.gc.ca).

Yours truly,

***Original signed by***

Cindy Parker  
Environmental Assessment Technician

cc: (Carey Ogilvie, Head-EA, Environment Canada, Yellowknife, NT)