

Environmental Protection Operations
Qimugjuk Building 969 P.O. Box 1870
Iqaluit, NU X0A 0H0
Tel: (867) 975-4639
Fax: (867) 975-4645

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Our file: 4703 003

Richard Dwyer
Licensing Trainee
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Tel: (867) 360-6338
Fax: (867) 360-6369

Via Email at licensingtrainee@nwb.nunavut.ca

RE: NWB 8BW-NAC – Government of Nunavut, Department of Education – Nunavut Arctic College Student Residence Project

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 Department of Environment, Government of Nunavut is proposing to construct a new student residence accommodation at the Nunavut Arctic College campus in Iqaluit, NU. The proposed residence and daycare will be located on the northwest corner of Saputi Drive and Qulliq Court. Construction of the proposed residence will require the diversion of an existing drainage ditch around the site, which will include the construction of a drainage ditch along the northeastern boundary of the site.

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 sediments, fuel, or wastes 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 in 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.
- All spills shall be documented and reported to the 24 hour Spill Line at (867) 920-8130.
- Drip pans, or other similar preventative measures, shall be used when refueling equipment on site.
- The proponent shall ensure that any overburden excavated during the construction of the new drainage ditch is stored above the high water mark of any waterbody and in such a manner as to prevent sedimentation of surrounding waterbodies.
- As outlined in the application, the proponent shall implement appropriate measures to prevent sedimentation of downstream waterbodies, such as the use of silt curtains/fences, during the construction of the new drainage ditch.
- The proponent shall ensure that all construction debris is removed from the site and properly disposed of at an approved facility, such as the City of Iqaluit landfill.
- Drawing SG1 "Site Grading Plan" indicates that riprap will be installed along a portion of the diversion ditch. It is unclear why riprap is required in this portion, when the application documents seem to indicate that riprap would only be installed if monitoring indicated that additional erosion protection or bank stabilization measures were required.

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) 975-4639 or by email at colette.spagnuolo@ec.gc.ca.

Yours truly,

Original signed by

Colette Spagnuolo
Environmental Assessment / Contaminated Sites Specialist

cc: (Stephen Harbicht, Head, Assessment and Monitoring, Environment Canada, Yellowknife)