



Environment Environnement
Canada Canada

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Our file: 4703 001 023

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Via Email at manager@nwb.nunavut.ca

RE: NWB2NBP – North Baffin 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*.

Canada-Nunavut GeoScience has applied for a water license to determine the types of surficial materials (including those deposited by glaciers during the last ice age), and to identify the timing and movement directions of large glaciers that once completely covered the region. It is hoped that this research will help to stimulate economic development in the North Baffin region. The project will include the use of an existing base camp, which will contain a maximum of 12 people.

Environment Canada notes that the anticipated start date for this project is July 2, 2003. Environment Canada would like to remind the proponent that all necessary permits must be in place prior to the commencement of any work.

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 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.
- Environment Canada recommends that when storing barreled fuel on location, secondary containment such as self-supporting insta-berms be used.
- All sumps shall be located above the high water mark of any waterbody and in such a manner as to prevent the contents from entering any water frequented by fish. Further, all sumps shall be backfilled upon completion of the field season and contoured to match the existing landscape.
- All fuel caches shall be located above the high water mark of any waterbody and in such a manner as to prevent the contents from entering any waterbody frequented by fish.
- Environment Canada recommends the use of an approved incinerator for the disposal of combustible camp wastes.

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.meloche@ec.gc.ca.

Yours truly,

Colette Meloche
Environmental Assessment Specialist

cc: (Mike Fournier, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)