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FAX NO. 867 979 8039

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Fisheries
and OceansPêches
et OcéansFish Habitat Management
P.O. Box 358
Inukjuat, Nunavut
X0A 0H0

Your file: Your number

Our file: Your reference

May 23, 2003

Elizabeth Turner
Canada-Nunavut Geosciences Office
P.O. Box 2319
Inukjuat, NU
X0A 0H0
Fax: (867) 979-0708**RE: Research Licence Application; Borden Basin Lithostratigraphy, Structural Geology, and Metallogeny**

Dear Ms. Turner:

This letter is to advise that The Department of Fisheries and Oceans, Fish Habitat Management (DFO-FHM) received the above Research Licence Application submitted on your behalf by the Nunavut Research Institute. I have reviewed the plans for the proposed research.

Field operations related to your research, particularly camps, in or near water may result in the harmful alteration, disruption or destruction of fish habitat, which is prohibited under Section 35 of the *Fisheries Act*. In addition to the measures set out in the project proposal, the following mitigation measures, if incorporated into the project, are intended to prevent any potentially harmful impacts to fish and fish habitat:

- All disturbed areas should be stabilized upon completion of work, and restored to a pre-disturbed state.

Depositing deleterious substances into fish bearing waters is prohibited as stated under Subsection 36(3) of the *Fisheries Act*. The following are additional measures to mitigate habitat disturbance or loss as well as the deposition of deleterious substances.

- All activities, including maintenance procedures and vehicular refuelling, should be controlled to prevent the entry of petroleum products, sediment, debris, rubble, or other deleterious substances into the water.
- All wastes, sewage containments and fuel caches should be located a minimum of thirty (30) metres from the normal high water mark of any water body, and be sufficiently bermed or otherwise contained to ensure that these substances do not enter fish bearing waters.

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- * All spills of oil, fuel, or other deleterious material should be reported immediately to the 24-Hour Spill Line at (867) 920-8130.

If the proposed work is carried out as described in the plans provided to DFO-FHM and if the additional mitigation measures specified above are implemented, the proposed work will not be considered as contravening Subsection 35(1) of the *Fisheries Act* which reads:

"No person shall carry on any work or undertaking that results in the harmful alteration, disruption or destruction of fish habitat."

Therefore, an authorization under Subsection 35(2) of the *Fisheries Act* will not be necessary. If a harmful alteration, disruption or destruction of fish habitat and/or the deposition of deleterious substances into fish bearing waters occurs as a result of a change in the plans for the proposed works or failure to implement the additional mitigation measures specified above, prosecution under Subsection 35(1) and/or Subsection 36(3) of the *Fisheries Act* may be initiated.

Please note that this letter of advice does not release the proponent of the responsibility for obtaining any other permits that may be required and will apply for the proposed activities for the period of the research licence.

If you have any questions concerning the mitigation measures or should there be any changes to the proposed work, please contact me at (867) 979-8007 or by fax at (867) 979-8039.



Stephanie Critch
Area Habitat Biologist
Fish Habitat Management
Department of Fisheries and Oceans

c.c. Winston Pillaire – Conservation and Protection Supervisor DFO-C&I
Gladys Joudrey – Nunavut Impact Review Board

