



Fisheries and Oceans
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December 17, 2008

DFO File : 07-HCAA-CA7-00058

Douglas Craig, M.Sc.
Environmental Officer - DEW Line Clean Up
Defence Construction Canada
Constitution Square, Suite 1720, 350 Albert St.
Ottawa, Ontario
cdc.gc.ca
K1A 0K3

via email: Douglas.Craig@dcc-

Dear Mr. Craig:

Subject: Proposal not likely to result in impacts to fish and fish habitat provided that additional mitigation measures are applied.

Fisheries and Oceans Canada - Fish Habitat Management Program (DFO) received the confirmation of proceeding with the proposal on October 24, 2008. Please refer to the file number and title below:

DFO File No.:	07-HCAA-CA7-00058
Title:	Debris Removal, MacBeth River, FOX-3 DEW line site, Dewar Lakes, Baffin Island

The proposal has been reviewed to determine whether it is likely to result in impacts to fish and fish habitat which are prohibited by the habitat protection provisions of the *Fisheries Act*.

Our review consisted of emails, personal communication, and photos from July and August 2007 and December 8, 2008, describing the methodology of removing the steel debris from MacBeth River and the mitigation measures proposed.

We understand that the proponent plans to remove large metallic debris (i.e. vehicles, structural steel) in the MacBeth River near the FOX-3 DEW line site. Our discussions in July and August 2007 resulted in the following removal options based on the location of the metallic debris.

1. If the debris is located in a completely frozen section of the lake/river, the debris will be completely removed.
2. If the debris is located in a section of the lake/river that is "still" (i.e. wide section and away from main "channel"), even if there is a shallow bottom layer of free water, we will proceed to remove the debris to the greatest extent possible, as above. The understanding is that this location would basically be an area of still waters, and any sedimentation would not travel far before it was re-deposited.

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3. If the debris is located in part of the main channel, with a significant depth of flowing water (>50 cm) below the ice then the debris could be cut-off to 50cm, or more, below the average summer water elevation (if technically and economically feasible), otherwise the debris would be left in place.
4. It is not technically, economically or environmentally feasible to remove this debris during the open water season.

To reduce potential impacts to fish and fish habitat, we are recommending the following mitigation measures be included into the proposed plans:

- o All materials and equipment used for the purpose of all work should be operated and stored in a manner that prevents any deleterious substance (e.g. petroleum products, silt, debris, etc.) from entering the water.
- o Any debris material should be disposed of properly and in appropriate disposal facilities.
- o Vehicle and equipment re-fuelling and maintenance should be conducted above the ordinary high water mark of any water body.
- o All project materials should be removed from the ice prior to spring break-up.

Provided that the appropriate options above are followed and the additional mitigation measures described above are incorporated into the proposed plans, DFO has concluded that the proposal is not likely to result in impacts to fish and fish habitat.

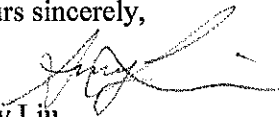
The proponent will not need to obtain a formal approval from DFO in order to proceed with the proposal. A copy of this letter should be kept on site while the work is in progress.

If the plans have changed or if the description of the proposal is incomplete the proponent should contact this office to determine if the advice in this letter still applies.

Please be advised that any impacts to fish and fish habitat which result from the proponent's failure to implement the proposal as described or incorporate the additional mitigation measures included in this letter could lead to corrective action such as enforcement.

If you have any questions please contact myself at (905) 639-8236, by fax at (905) 639-3549 or by email at amy.liu@dfo-mpo.gc.ca.

Yours sincerely,


Amy Liu
Habitat Management Biologist

Copy: Keith Pelley, Fisheries and Oceans Canada
Jeff MacDonald, Fisheries and Oceans Canada
Gary Cooper, Fisheries and Oceans Canada
Phyllis Beaulieu, Nunavut Water Board
Allen Cadenhead, Transport Canada