



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

Eastern Arctic Area  
P.O. Box 358  
Iqaluit, NU X0A 0H0

Secteur de l'Arctique de l'est  
Boîte postale 358  
Iqaluit, NU X0A 0H0

October 2, 2009

DFO File: 09-HCAA-CA7-00003  
NIRB: 09UN052

DFO - Small Craft Harbours  
501 University Crescent  
Winnipeg, Manitoba  
R3T 2N6  
C/O John Stecyk

Dear Mr. Stecyk:

**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 your proposal on June 22, 2009 to undertake dredging activities in the Pangnirtung Fjord. Please refer to the file number and title below:

DFO File No.: **09-HCAA-CA7-00003**  
Title: **Harbour, Pangnirtung, Pangnirtung Fjord**

Your 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* or those prohibitions of the *Species at Risk Act* that apply to aquatic species.\*

Our review consisted of:

- Document Titled: Pangnirtung, NU, Improvements to Small Craft Harbour, Phase 1 – 2009 Construction – Shallow Harbour Improvements, Site Plan, Grading Plan, Sections and Details, Issued for Permit Application Only, by Golder Associates

We understand that you propose to:

- Dredge a small boat basin in the intertidal area of Pangnirtung Fjord within the DFO-Small Craft Harbours water lot property boundaries.

\*Those sections most relevant to the review of development proposals include 20, 22, 32 and 35 of the *Fisheries Act* and sections 32, 33 and 58 of the *Species at Risk Act*. For more information please visit [www.dfo-mpo.gc.ca](http://www.dfo-mpo.gc.ca).

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

*General Measures*

- *Any in-water activities should be timed to prevent disruption during sensitive life stages of the fish populations in Pangnirtung Fjord.*
- *Sediment and erosion control measures should be implemented prior to work, and maintained during the work phases, to mitigate impacts to fish habitat. Remove these control measures in a way that prevents the escape or re-suspension of sediments.*
- *Dredge on calm days to minimize the suspension of fine sediment particles into the water column*
- *Minimize the amount of dredged material removed by only dredging the area and depth required for navigation.*
- *Avoid bottom stockpiling or side casting during dredging.*
- *Any large rocks moved below the high water mark should be relocated to an area of similar depth and not removed altogether from the bottom or shoreline.*
- *Machinery is to arrive on site in a clean condition and is to be maintained free of fluid leaks.*
- *Wash, refuel and service machinery and store fuel and other materials for the machinery away from the water.*
- *Keep an emergency spill kit on site in case of fluid leaks or spills from machinery.*
- *Stabilize and reclaim all disturbed areas upon completion of work. Immediately remove all debris or waste produced or associated with the work.*

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

You will not need to obtain a formal approval from DFO in order to proceed with your proposal.

Please notify this office at least 10 days before starting the work. 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 your proposal is incomplete you 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 a failure to implement this proposal as described or incorporate the additional mitigation measures included in this letter could lead to corrective action such as enforcement.

Note that this letter of advice does not release you of the responsibility for obtaining any other permits that may be required under federal, territorial or municipal legislation.

If you have any questions please contact Gary Cooper at our Iqaluit office at 867-979-8027, by fax at 867-979-8039, or by email at [gary.cooper@dfo-mpo.gc.ca](mailto:gary.cooper@dfo-mpo.gc.ca).

Yours sincerely,



Eric Kan  
Area Director  
Eastern Arctic Area  
Fisheries and Oceans Canada

Copy: Nunavut Impact Review Board  
Alan Kathan – Fisheries and Oceans Canada – Small Craft Harbours