



**Eastern Arctic Area**

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July 22, 2011

*Your file* *Votre référence*  
11YN038

*Our file* *Notre référence*  
11-HCAA-CA7-00027

Ms. Aliza Weller  
Nunavut Impact Review Board  
29 Mitik P. O. Box 1360  
Cambridge Bay, Nunavut  
X0A0C0

Dear Ms. Weller:

**Subject: Part 4 Screening for Memorial University's Coastal Hazards in an Expanding Urban Centre Research Project**

Fisheries and Oceans Canada - Fish Habitat Management Program (DFO) appreciates the opportunity to participate in the Part 4 Screening process for the above mentioned project proposal as requested in your July 12, 2011 letter. To expedite future correspondence or inquiries, please refer to the referral title and file number below when you contact us.

Please refer to the file number and title below:

DFO File No.: **11-HCAA-CA7-00027**  
Title: **Coastal Hazards Study, Memorial University, Tarr Inlet, Frobisher Bay**

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

Our review consisted of:

- Notice of Part 4 Screening for Memorial University's Coastal Hazards in an Expanding Urban Centre Project.

We understand that the project activities include:

- Continuation of previous sampling conducted with NRCan in 2010, with new collection of data and samples specifically around Iqaluit;
- Collection of sediment samples on the tidal flats in front of the city;
- Collection of offshore bathymetry data on the tidal flats (if resources permit);

\*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).

- Data and sample collection equipment includes GPS Survey Equipment, Sidescan Sonar, Grab Sampler, Tide and Wave Gauges, and the use of a local boat;
- Waste disposal using the municipal facilities of Iqaluit.

To reduce potential impacts to fish and fish habitat we are recommending the following mitigation measures be followed by the proponent:

- Operate equipment in a manner that minimizes disturbance to the banks or bed of the waterbody.
- All activities related to the project, should be controlled to prevent the entry of petroleum products, debris, or other deleterious substances into the water.
- Sediment and erosion control measures should be implemented prior to work and maintained during the work to prevent entry and movement of sediment in the water.
  - All disturbed areas should be stabilized as required upon completion of work and restored to a pre-disturbed state or better.

Provided that the additional mitigation measures described above are incorporated into the plans, DFO has concluded that the project is not likely to result in impacts to fish and fish habitat and there is no need to obtain a formal approval from DFO in order to proceed with your project.

I trust the information provided will be of assistance in the Nunavut Impact Review Board's review of Memorial University's Coastal Hazards in an "Expanding Urban Centre Research Project". If you or the proponent have any questions concerning the above, or if my understanding of the proposal is either incorrect, incomplete, or if there are changes to the proposed work, contact the undersigned at (807) 468-6441 ext. 29, by fax at (807) 468-6973, or by email at lyndon.kivi@dfo-mpo.gc.ca.

Yours sincerely,



Lyndon Kivi  
Fish Habitat Biologist