



April 16, 2012

Our reference
IQALUIT-#522722

Sent by email: licensing@nunavutwaterboard.org

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
Gjoa Haven, Nunavut
X0E 1J0

Your reference
1BW-DUV0911

**Re: Type B Water Licence No. 1BW-DUV0911, Renewal Application
Pangnirtung Harbour Development Project
Department of Fisheries and Oceans Canada, Small Craft Harbours
Branch, Central and Arctic Region
Qikiqtani Region
Renewal Application**

Dear Phyllis,

Thank you for your March 14, 2012 request for written representations on the above referenced water licence renewal application.

A Technical Review Memorandum is provided for the Board's consideration.

Please do not hesitate to contact me by telephone at 867 975-4555 or email at David.Abernethy@aandc-aadnc.gc.ca to discuss this submission.

Regards,

David W. Abernethy
Regional Coordinator
Water Resources Division, Operations Directorate
Nunavut Regional Office
Iqaluit, Nunavut
X0A 0H0

Encl.

Technical Review Memo

TO	Phyllis Beaulieu Manager of Licensing Nunavut Water Board	OUR REFERENCE File #9545-2-3.1BW.DUVA IQALUIT-#522722
FROM	David Abernethy Water Resources Regional Coordinator Aboriginal Affairs and Northern Development Canada	YOUR REFERENCE 1BW-DUV0911 DATE April 16, 2012
SUBJECT	Type B Water Licence No. 1BW-DUV0911 Pangnirtung Harbour Development Project Department of Fisheries and Oceans Canada, Small Craft Harbours Branch, Central and Arctic Region Qikiqtani Region <u>Renewal Application</u>	

A. PROJECT DESCRIPTION

On January 26, 2012 the Nunavut Water Board (NWB or Board) distributed the above-referenced Department of Fisheries and Oceans Canada (DFO) licence renewal application to interested parties for review. This licence allows for the construction of a temporary watercourse crossing and drainage redirection as part of the Pangnirtung Harbour Development Project.

In October 2009, a temporary crossing was constructed where the Duval River outlets into tidal flats east of the Hamlet of Pangnirtung. This crossing is required for the transportation of aggregate material from an existing quarry to Pangnirtung's harbour. It is comprised of 3 steel culverts, each 40 m long by 1.8 m in diameter, and 3,500 m³ of rock fill. In addition, an intermittent drainage feature that outlets into the existing harbour was scheduled to be redirected along an existing road where it would flow into an existing culvert next to the Hamlet Office. This action was deemed to be necessary for the construction of the harbour's marshalling area and was scheduled to occur during the 2009- 2010 construction season. The drainage feature will eventually be directed through the marshalling area.

B. RESULTS OF REVIEW

On behalf of Aboriginal Affairs and Northern Development Canada (AANDC), the following comments/ recommendations are submitted for the Board's consideration,

1. Spill Contingency Plan

The project's Spill Contingency Plan should be revised to address the following points:

- The current telephone number for the NT-NU 24-hour Spill Report Line, (867) 920-8130;
- A copy of the NT-NU Spill Report Form;
- AANDC's Manager of Field Operations should be included in the plan's Emergency Contact List. The manager can be reached by telephone at (867) 975-4295 or fax at (867) 979-6445;
- A material safety data sheet for diesel fuel. Similar data sheets should be provided for any other hazardous materials used during project activities that are not referenced in the submitted plan; and,
- A site map that identifies fuel storage facilities and areas where spill response kits are mobilized.

2. Submission of an Abandonment and Restoration Plan

The DFO have requested that the requirement to submit a project specific Abandonment and Restoration (A&R) Plan be deferred to June 2013 (Part G, Item 1 of the licence required that it be submitted within 6 months of licence issuance). The Hamlet of Pangnirtung has expressed an interest in taking responsibility of the Duval River crossing and as a result the DFO wants to finalize an agreement on this matter. Although AANDC does not object to this proposal the DFO should ensure that in addition to the Duval River crossing any reclamation activities associated with the drainage feature at the marshalling area will be adequately captured in an A&R Plan (e.g., contouring drainage paths, removing culverts, etc.).

Prepared by David Abernethy