



Fisheries and Oceans
Canada

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NWB File : 1BR-QIK0712/TR/H1

DFO File : 03-HCAA-CA7-00111

June 4, 2009

Phyllis Beaulieu
Nunavut Water Board
P. O. Box 119
Gjoa Haven, Nunavut
X0E1J0

via email:
licensing@nunavutwaterboard.org

Dear Ms. Beaulieu:

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

Fisheries and Oceans Canada (DFO) received the request from the Nunavut Water Board (NWB), on May 7, 2009, to comment on the submission of modification to Water Use License 1BR-QIK0712: FOX-5, Qikiqtarjuaq DEW line site, as proposed by Defence Construction Canada (the Proponent). Please refer to the file number and title below:

DFO File No.: **03-HCAA-CA7-00111**

Title: DEW Line Site Clean-Up – FOX-5 Qikiqtarjuaq

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:

- Letter regarding Modification to Water Use License 1BR-QIK0712: FOX-5, Qikiqtarjuaq DEW Line site to NWB, signed by Eva Schulz (AECOM Canada Ltd.), dated April 21, 2009; and,
- Email addressed to Amy Liu (DFO) regarding FOX-5 Qikiqtarjuaq DEW Line Site, prepared by Douglas Craig (Defence Construction Canada), dated June 4, 2009.

We understand that the proponent plans to:

- Dismantle the clam-diving platform/barge structure
- Collect and dispose of surface and submerged non-hazardous debris in the following areas: along the toe of the airstrip landfill – west; in the reservoir road debris area; and, in the community borrow buried debris area.

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- Reshape areas where partially buried debris in the reservoir road debris area was removed.
- Place rock rip-rap material to provide a 10 to 15 metre extension to the existing rock berm on the southeast side of the Main Landfill
- Relocate approximately 5 metre of rock rip-rap materials to close the channel along the northwest side of the Main Landfill and open a channel slightly further west.
- Remediate Station and Middle Site non-hazardous waste landfills.

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

- Sediment and erosion control measures should be implemented prior to, and maintained during the work to mitigate impacts to fish and fish habitat.
- Operate machinery on land (from outside of the water) or on the water (i.e., from a barge or vessel) in a manner that minimizes disturbance to the banks or bed of a waterbody.
 - 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 to prevent any deleterious substance from entering the water.
 - Keep an emergency spill kit on site in case of fluid leaks or spills from machinery.
 - Restore banks to original condition if any disturbance occurs.
- All waste materials and debris should be disposed of off site at an appropriate location in accordance with all applicable legislation and guidelines.
- If rocks need to be moved from the bottom of any waterbody or shoreline during the removal of debris, they should be relocated to an area of similar depth or to its original location and not removed altogether from the bottom or shoreline.

Provided that 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.

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 a 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 the undersigned at (905) 639-8236, by fax at (905) 639-3549, or by email at Amy.Liu@dfo-mpo.gc.ca.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Amy Liu', with a stylized flourish at the end.

Amy Liu
Habitat Management Biologist
Fisheries and Oceans Canada

Copy: Douglas Craig, Defence Construction Canada
Eric Kan, Fisheries and Oceans Canada

