



Fisheries and Oceans Canada Pêches et Océans Canada

Eastern Arctic Area
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July 31, 2008

DFO File : 08-HCAA-CA7-00024

Jack Cann
Sunco Property Developments
#1 -4014, Anuri Street
Iqaluit, Nunavut X0A 0H0

Dear Mr. Cann:

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 proposal on July 23, 2008. Please refer to the file number and title below:

DFO File No.: **08-HCAA-CA7-00024**
Title: **Culvert Installation, Unnamed creek to Kojesssee Inlet, Iqaluit, Nunavut**

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 photographs and emails (dated July 25, 28 and 29, 2008) describing the location of the culvert installation and areas upstream and downstream of the unnamed creek to Kojesssee Inlet as well as personal communication on July 23, 2008. The review also consisted of maps attached to the completed notification form for the Culvert Maintenance Operational Statement which does not apply to this proposal.

We understand that the proponent plans to install two corrugated steel pipe culverts for a two lane road which is proposed to be constructed in the unnamed creek in a location northwest of the north end of Ungalliqaat Road in the City of Iqaluit (Easting 522415.08, Northing 7070190.93). The culverts are approximately 20 metres in length and 800 millimetres in diameter. Rip rap aprons will be installed both upstream and downstream of the culverts.

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

- All materials and equipment used for the purpose of all work phases should be operated and stored in a manner that prevents any deleterious substance (e.g. petroleum products, silt, debris, etc.) from entering the water.

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- Any stockpiled materials should be stored and stabilized above the ordinary high water mark of any water body.
- Vehicle and equipment re-fuelling and maintenance should be conducted above the ordinary high water mark of any water body.
- Any part of equipment entering the water should be free of fluid leaks and externally cleaned/degreased to prevent any deleterious substance from entering the water.
- Only clean, competent, certified non-acid generating rock and material free of fine particulate matter should be placed in the water.
- Sediment and erosion control measures should be implemented prior to work, and maintained during the work phases, to mitigate the impacts to fish habitat.
 - All disturbed areas should be stabilized upon completion of work and restored to a pre-disturbed state or better.
 - Sediment and erosion control measures should be left in place and maintained until all disturbed areas have been stabilized.

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. 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) 639-1632, 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
Ipeelee Itorcheak, Fisheries and Oceans Canada
Phyllis Beaulieu, Nunavut Water Board