



Fisheries and Oceans Canada Pêches et Océans Canada

Eastern Arctic Area

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June 4, 2010

Your file *Votre référence*
8BW-CLY0810/SE

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

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut X0B 1J0

Via email:
licensing@nunavutwaterboard.org

Dear Ms. Beaulieu:

Subject: Clyde River Road Mitigation Plan

Fisheries and Oceans Canada - Fish Habitat Management Program (DFO) thanks the Nunavut Water Board (NWB) for the opportunity to comment on Qikiqlaatuuk Corporation's (the "Proponent") "Mitigation Plan to restore all impacted grounds and waters on the Old Roadway - Road between Clyde River and Cape Christian", received on August 31, 2009. Please refer to the file number and title below:

DFO File No.: **09-HCAA-CA7-00027**
Title: **Watercrossings, Unnamed Tributaries of Clyde River,
Hamlet of Clyde River, Nunavut**

Our review consisted of the following documents:

- "Mitigation Plan to restore all impacted grounds and waters on the Old Roadway - Road between Clyde River and Cape Christian", dated August 31, 2009, addressed to Andrew Keim (Indian and Northern Affairs Canada)

DFO provided comments to the proponent on the above plan via email on September 14, 2009 (Please see attached). DFO has no further comments on the document at this time.

I trust that the information provided will be of assistance to the Nunavut Water Board's review of the proponent's mitigation plan. If you have any questions please contact me at (905) 639-4396, by fax at (905) 639-3549, or by email at gary.cooper@dfo-mpo.gc.ca.

Yours sincerely,

A handwritten signature in black ink that reads "Gary Cooper". The signature is fluid and cursive, with "Gary" on the top line and "Cooper" on the bottom line.

Gary Cooper
Habitat Management Biologist
Fisheries and Oceans Canada

Attachment: Email from Amy Liu to Philippe Simon

Copy: Eric Kan, Fisheries and Oceans Canada

Attachment

From: Liu, Amy

Sent: Monday, September 14, 2009 11:28 AM

To: 'psimon@qenv.ca'

Cc: 'Harry Flaherty'; greg.johnson@qenv.ca; jlbertrand@qenv.ca; MacDonald, Jeff (C&P); Cooper, Gary; Kan, Eric; 'andrew.keim@inac-ainc.gc.ca'; Bernie MacIsaac

Subject: RE: summary of discussions at Cape Christian

Hi Philippe.

Thank you for addressing DFO's concerns in a timely manner. From the report entitled, "Summary of achievements to improve creek crossings between Clyde River and Cape Christian", dated August 31, 2009, it appears that the sediment and erosion controls have been improved at the watercrossings with the use of rip rap material on the banks and in the roadside ditches.

At crossing 5, it is noted that the silt fences that were installed in the stream have been removed. In photo 25, it appears that the stream banks are rutted from heavy machinery, in the location of the sediment removal. These disturbed areas should be restored and stabilized to prevent entry of sediment into the stream. It is recommended that sediment and erosion controls are also implemented along the stream banks, downstream of crossing 5. Please provide a photographic record of the bank stabilization works downstream of crossing 5.

DFO also received the report entitled, "Mitigation Plan to restore all impacted grounds and waters on the Old Roadway - Road between Clyde River and Cape Christian", dated August 31, 2009, addressed to Andrew Keim (Indian and Northern Affairs Canada). DFO has no objections to the proposed restoration works for the impacted areas mentioned in the report. However, the proposed restoration works at impacted areas six and seventeen are in the location of fish habitat and the previously proposed culvert installations (crossing 2 and 3). It is my understanding that the mitigation plan for these two areas involve opening the channel to ensure that the connection between upstream and downstream waterbodies is unobstructed, placing riprap material in the stream bed on a ten feet wide section within the channel and installing sediment and erosion control measures where necessary. The placement of the riprap material should be conducted to ensure fish passage is maintained. DFO requests that the photographic record for the restoration works as described in the Mitigation Plan also be copied to DFO.

DFO appreciates your cooperation.

Feel free to contact me if you have any questions.

Amy Liu

Habitat Management Biologist

Fisheries and Oceans Canada / Pêches et Océans Canada

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