



Fwd: Tower Arctic Ltd. - River Crossing Approvals - Clyde River, Nu

Richard Dwyer <richard.dwyer@nwb-oen.ca>
Draft To: Karén Kharatyan <karen.kharatyan@nwb-oen.ca>

Fri, Jul 26, 2019 at 9:29 AM

From: <ejacobsen@towergroup.ca>
Date: Fri, Jul 26, 2019 at 8:36 AM
Subject: Tower Arctic Ltd. - River Crossing Approvals - Clyde River, Nu
To: Karén Kharatyan <karen.kharatyan@nwb-oen.ca>

Good morning Karen,

Please see the email thread below and the attached formal letter from the Fish and Fish Habitat Protection Program concerning the water crossing in Clyde River.

Tower Arctic Ltd. would like to begin using the water crossing on July 27th to complete the Airside Surface Rehabilitation Project for the Government of Nunavut.

Please let us know if you have any comments or concerns.

Eric Jacobsen

President

Tower Arctic Ltd.

From: Coletti, Lucas <Lucas.Coletti@dfo-mpo.gc.ca>
Sent: Thursday, July 25, 2019 11:31 AM
To: ejacobsen@towergroup.ca
Cc: Eddy, Sara <Sara.Eddy@dfo-mpo.gc.ca>
Subject: RE: River Crossing Approvals - Clyde, Nu

Hello Eric,

Please find attached the formal advice provided by the Fish and Fish Habitat Protection Program.

Thank you,

Lucas Coletti

Biologist | Biologiste

Fisheries and Oceans Canada | Pêches et Océans Canada

Fish and Fish Habitat Protection Program | Programme de Protection du Poisson et de Son Habitat

867 Lakeshore Road, Burlington, ON, L7S 1A1 | 867, ch. Lakeshore, Burlington, ON, L7S 1A1

Email/Courriel: Lucas.Coletti@dfo-mpo.gc.ca

Fisheries and Oceans Canada has changed the way new project proposals (referrals), reports of potential Fisheries Act violations (occurrences) and information requests are managed in Central and Arctic Region (Alberta, Saskatchewan, Manitoba, Ontario, Nunavut and the Northwest Territories). Please be advised that general information regarding the management of impacts to fish and fish habitat and self-assessment tools (e.g. Measures to Avoid Harm) that enable you to determine Fisheries Act requirements are available at DFO's "Projects Near Water" website at www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html. For all occurrence reports, or project proposals where you have determined, following self-assessment, that you cannot avoid impacts to fish and fish habitat, please submit to fisheriesprotection@dfo-mpo.gc.ca. For general inquiries, call 1-855-852-8320.

From: eajacobsen@towergroup.ca <eajacobsen@towergroup.ca>

Sent: July 24, 2019 3:40 PM

To: Eddy, Sara <Sara.Eddy@dfo-mpo.gc.ca>

Subject: RE: River Crossing Approvals - Clyde, Nu

Sara,

Yes, the work associated to the river crossing will be finalized by September 1st, 2019.

Furthermore, we can certainly monitor the site for any suspended sediment, and will implement any measures required to protect the downstream area.

Tower Arctic Ltd. confirms that we are able to follow the measures detailed in your email and will conform to all formal advice provided.

Eric Jacobsen

President

Tower Arctic Ltd.

From: Eddy, Sara <Sara.Eddy@dfo-mpo.gc.ca>

Sent: Wednesday, July 24, 2019 3:04 PM

To: eajacobsen@towergroup.ca

Subject: RE: River Crossing Approvals - Clyde, Nu

Thanks Eric. The Restricted Activity Period for this area to protect fish starts September 1 – will you be finished your work by that time? As well, are you able to monitor the site for any suspended sediment as a result of the crossings; if

there is suspended sediment, other measures will need to be implemented to protect the downstream area.

Please send me an email confirming that you are able to follow these measures, and we will send you our formal advice.

Kind regards,

Sara

From: eajacobsen@towergroup.ca <eajacobsen@towergroup.ca>
Sent: July 24, 2019 8:19 AM
To: Eddy, Sara <Sara.Eddy@dfo-mpo.gc.ca>
Subject: FW: River Crossing Approvals - Clyde, Nu

Good morning Sara,

Please see the attached google earth map, images and detailed report below from our Project Manager Gordon Paterson.

Please don't hesitate to contact me on my cell at 514-865-6065.

Thank you!

Eric Jacobsen

President

Tower Arctic Ltd.

From: gpaterson@towergroup.ca <gpaterson@towergroup.ca>
Sent: Wednesday, July 24, 2019 8:03 AM
To: 'Eric Jacobsen' <eajacobsen@towergroup.ca>
Subject: River Crossing Approvals -Clyde

Hi Eric,

Here are some details in regards to the river crossings in Clyde.

The approximate total width of crossing is 128'. I say "approximate" because walking through it with a surveying wheel can be difficult and not exactly a straight and flat surface for the wheel to follow. I double checked with google maps

which shows 123'.

I have also attached a google image showing the avg depths of the crossing. The pathway does not have any deep holes or sudden depth changes throughout the crossing. Google maps shows that this route was constructed for the sole purpose to cross the river with vehicles.

It is evident that in the past a contractor placed clean stone in the river. The stone is much cleaner within the intended vehicle path than the stone down or upstream. Due to the water movement the pictures don't come out crystal clear but you can see a very light grey vs a brownish/green outside the intended pathway.

As it currently stands there is very little to no work to be done on this river crossing. The width of the clean stone path is approximately 16' wide which is more than enough for our 9-1/2' wide trucks. We would need to fix one end of the road but we certainly can do this without disturbing any of the rocks within the river.

Please let me know if you need any more information.

Regards,



Gordon Paterson – Civil Eng

Project Manager

P.O. Box 717 Iqaluit, Nunavut X0A 0H0

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