

Phyllis Beaulieu

From: Crystal Jones [c.jones@city.iqaluit.nu.ca]
Sent: Tuesday, August 07, 2007 2:06 PM
To: 'Phyllis Beaulieu'
Subject: FW: DFO response to 8BC-TAD
Attachments: 18672 SITE PLAN - Rd Layout.pdf; 100-0016 -Rd Alignment.JPG; 100-0017 - Drainage Course.JPG

Hi Phyllis,

I forwarded this email to Amy and Tania way back in February.

Thanks,

Crystal Jones
 Engineering Project Officer

From: Crystal Jones [mailto:c.jones@city.iqaluit.nu.ca]
Sent: Thursday, August 02, 2007 2:47 PM
To: 'Liu, Amy'
Subject: Re: DFO response to 8BC-TAD

Hi Amy,

In response to your email I am forwarding you the email I sent to Tania Gordanier in February, 2007; it addresses some of her questions about the water course and I believe it addresses your concerns as well. I will address your concerns as presented in your email:

Construction Plans for watercrossings:

- proposed start and completion dates – proposed start for culvert installation 4-Aug-07 & completion date 11-Aug-07
- methods of construction - methods of construction - install 900 & 600 CSP culverts as required (please see drawings)
- detailed site description (incl. diagrams, photos) – please see construction drawings
- details of materials and machinery to be used - type of machinery - excavator, roller (for road compaction) and loader material - granular c for bedding & rip rap filter clothe
- explosives to be used? – not applicable

Fish and Fish Habitat Present:

- detailed area description (incl. photos) – please refer to INAC Oct 2006 report – please see attached photo
- bottom substrates such as silt, sand, or cobble) – INAC Report addresses the type of material in the area
- description of aquatic and riparian vegetation -
- fish community and life stage present – None – the City of Iqaluit and its engineers are of the opinion that the watercrossing is non-fish bearing waters as it is located on the top of the hill and during numerous site visit no fingerlings were noted
- depth and watercourse width - unknown

Mitigation Measures to Protect Fish Habitat

- potential effects on fish or fish habitat - None
- area (in m²) to be impacted - None

8/7/2007

The City of Iqaluit as directed the contractor for the project to use silt fencing to protect the various water courses from silt, sedimentation.

If you require further information please let me know.

Thanks,
Crystal

Crystal Jones
Engineering Project Officer

From: Crystal Jones [mailto:c.jones@city.iqaluit.nu.ca]
Sent: Friday, February 02, 2007 4:01 PM
To: 'Gordanier, Tania'
Subject: RE: New Granular Site

Hi Tania,

Attached are photos showing road alignment and drainage courses, as well as a map showing the preliminary layout of the access road. The first (100-0016) on is from the road alignment looking down the drainage course towards the quarry site. I believe the tail of the deposit is visible in the background. The second picture (100-0017) shows the actual drainage course.

For this type of crossing a culvert would be installed.

If you have any further questions please do not hesitate to contact.

Thanks,

Crystal

Crystal Jones
Engineering Project Officer

From: Gordanier, Tania [mailto:GordanierT@DFO-MPO.GC.CA]
Sent: January 31, 2007 10:52 AM
To: Crystal Jones
Cc: Savoie, Paul
Subject: RE: New Granular Site

Hi Crystal,

Thanks for the information - I haven't been circulated on any of the mapping for the sites so I'm not sure where the trail area deposit is, or what watercourse needs to be crossed.

I'd be in a better position to be able to make a determination on whether the area is considered fish habitat if you could provide me with the following:

- some mapping showing the location of the quarry, watercourse crossing and road alignment
- any information on fish/ fish habitat surveys that were done at the crossing, if any
- photographs showing the watercourse during open water season where the crossing is proposed.

Finally, I don't know from your message what type of crossing is being considered - e.g. a culvert or a bridge. If a bridge is proposed then the attached operational statement might be of assistance. If the measures and conditions of this statement can be met for the bridge design and construction then it won't matter whether fish are present or not since fish and fish habitat would be protected.

Please feel free to give me a call if you would like to discuss this further.

8/7/2007

Tania

Tania Gordanier
Habitat Management Biologist/Biologiste de l'habitat du poisson
Eastern Arctic Area
 P.O.Box 358, Building 1074
 Iqaluit, NU X0A 0H0
 Phone/Tél: (867) 979-8007
 Fax/ Télécopieur: (867) 979-8039
 e-mail: gordaniert@dfo-mpo.gc.ca

From: Crystal Jones [<mailto:c.jones@city.iqaluit.nu.ca>]
Sent: Wednesday, January 31, 2007 10:28 AM
To: Gordanier, Tania
Cc: 'Geoff Baker'
Subject: New Granular Site

Good Morning Tania,

I am emailing you this morning regarding the City's plan on accessing a new granular site this year. As you may or may not be aware the City is faced with quite the predicament the existing site at the North 40 as reached its life expectancy; for the last year the city has met with local stakeholders to discuss possible solutions to this issue and collaboratively we have decided the best solution and possibly the only alternative is to access the Northwest Area granular site which is approximately 6 kms from upper base road.

The Northwest Granular site was first identified in the summer of 2005 has the best alternative to meet the City's granular needs, this assessment was prepared for INAC by Lisa Sankarilla, with the site being identified and with the stakeholder meetings held in early 2006 it was decided that before pursuing this site any further an evaluation of the area had to be conducted to ensure the quality and quantity of the material. The evaluation took place in the summer of 2006 and a report was submitted to the City of Iqaluit mid to late October; the evaluation was completed by INAC in conjunction with the Government of Nunavut and the City of Iqaluit. During this evaluation it was determined that the Northwest site was a viable source of aggregate material for the foreseeable future, another pocket was also identified and this deposit is known as the trail area deposit and it is off much closer proximity to the City.

The trail area deposit is the source that the City is attempting to access first as it is said that it should provide enough aggregate material for next 7-10 years. This deposit is 1.3 km from Iqaluit and will require the City to build an access road to this area. The City has issued a contract for the design layout, tendering and construction supervision of the access road to Trow Associates. There is one stream crossing along the trail area deposit and is adjacent to Carney Creek, to date we have not seen any fish and we consider this to be non-fish bearing waters.

Can you please provide us written confirmation that these areas are non-fish bearing waters, if you would like to meet to discuss this I am available at your earliest convenience. We are faced with a very ambitious schedule and your prompt attention to this matter would greatly be appreciated. I look forward to hearing from you.

Sincerely,

Crystal

Crystal Jones
Engineering Project Officer
City of Iqaluit
Phone: 867-975-8503 Fax: 867-975-8505
Email: c.jones@city.iqaluit.nu.ca

8/7/2007