



Fwd: Jericho Mine Site Stabilization Project - 8BC-JER----

Cynthia Ene <cynthia.ene@nwb-oen.ca>
 To: Ida Porter <ida.porter@nwb-oen.ca>

Wed, Oct 26, 2016 at 11:44 AM

Please include the applicant's response below to the ftp site. Thanks,

----- Forwarded message -----

From: **Michael Westlake** <Michael.Westlake@aadnc-aandc.gc.ca>
 Date: Tue, Oct 25, 2016 at 4:59 PM
 Subject: Re: Jericho Mine Site Stabilization Project - 8BC-JER----
 To: Michael Westlake <Michael.Westlake@aadnc-aandc.gc.ca>, cynthia.ene@nwb-oen.ca

Hi Cynthia,

Apologies for the delay.

The only studies that exist for Jericho surrounding the issue areas that you've identified are those that Tahera produced back when Jericho was applying for permits and also during operations. I don't have copies of these on hand but I believe that they are on your ftp site.

With respect to the C1 diversion and fish habitat, as far as we know the C1 lake is not a fish bearing water body. Furthermore, after the C1 diversion drainage pattern is reestablished back towards the pit, we estimate that it will take 15 to 20 years for the pit to fill and begin its flow towards Carat Lake which is a known fish habitat. This timeframe allows us to do the appropriate monitoring of the pit and all of its elements to ensure that the Carat Lake habitat is not adversely impacted.

Since INAC took over care and maintenance responsibilities for Jericho water sampling at cell B/C as occurred. These results have never turned up anything of concern. We have some of these results and Eva Paul the inspector has the others.

I hope that this answers your questions. Please feel free to get in touch if you have further questions.

Michael

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Cynthia Ene
Sent: Friday, October 21, 2016 3:20 PM
To: Michael Westlake
Subject: Jericho Mine Site Stabilization Project - 8BC-JER----

Good Afternoon,

With respects to re-establishing the natural drainage pattern by removing the C1 diversion and allowing the pit to fill up (and ultimately having flows reaching carat lake), can you provide a recent study that has been done for this. I'm looking for hydrology info, discharge water quality criteria that you will be targeting before discharging/removing the diversion,

and a fisheries study (beyond the info you've currently provided which identifies the 5 species of fish in the water bodies/course).

Has there been any recent water quality analysis (stabilization/chemistry analysis) done on either the waters in the tailings containment area/ West Dam and Notch Divider Dyke A area / water course at C1 / even for carat lake.

Thanks,



Cynthia Ene, MBA, P.Eng. -    

Technical Advisor- Conseillère Technique

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