



**Mary River Project - Issued for Construction Drawings Submission for Run of Mine Stockpile and Sedimentation Pond**

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Draft To: [FNdofor@gia.ca](mailto:FNdofor@gia.ca)

Mon, Oct 22, 2018 at 1:54 PM

On Mon, Oct 15, 2018 at 8:45 AM Fai Ndofor <FNdofor@qia.ca> wrote:

Hello Assol,

The below provides the NWB with clarity on the two points raised below. Sorry for the confusion.

1. The Baffinland's submission does not include a stability analysis, and current geotechnical site conditions to confirm design. QIA addressed Baffinland on these topics as well, in comments 6 and 8 originally provided. QIA does recommend these items be required as part of the process.
2. QIA comment 4, which is addressed to Baffinland, expresses QIA's concern regarding whether or not the diversion berm has sufficient capacity to capture all runoff waters

Best Regards,

Fai

«Δ ΔΔ», Λεβέσος, 1997

**Fai Ndofor/** Regulatory Manager

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**From:** Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca>

**Sent:** October 12, 2018 2:58 PM

**To:** Fai Ndofor <FNdofor@QIA.ca>

**Cc:** Licensing Department <[licensing@nwb-oen.ca](mailto:licensing@nwb-oen.ca)>; Sean Joseph <[SJoseph@QIA.ca](mailto:SJoseph@QIA.ca)>; Joe Kunuk <[JKunuk@QIA.ca](mailto:JKunuk@QIA.ca)>

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Hello Fai,

Thank you for the submission.

There have been two points addressed to NWB - please see the response to those in maroon. Please let NWB know if there is any supplemental requests for the Licensee to address on or before 5 p.m. on October 15, 2018.

1

General omission.

Can the NWB confirm if a geotechnical site investigation and a slope stability analysis is needed for the run of mine stockpile?

If yes, will it be included under a separate cover and Water Licence submission process?

QIA is kindly referred to Licence Part D, Items 16-18 and Part E, Item 11.

4

Design Brief Section 4.7 Diversion Berms.

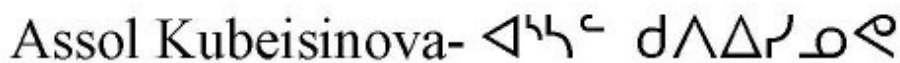
The Diversion Berms were sized by treating the space between the berm's upstream slope and the stockpile slope (or the natural ground) as the two sides of a trapezoidal channel, with a base width of approximately 0.5 m. A freeboard depth of 0.3 m was included in the berm sizing to account for minor variations in the berm cross section and grade following construction.

Does the NWB consider the information provided is enough to confirm that the diversion berms are able to collect all runoff water from the Run of Mine Stockpile and demonstrated reporting on how it will meet Water Licence criteria? It is unclear if the water from the Run of Mine Stockpile is considered effluent from the perspective of MMER. QIA believes this water should be considered effluent under the Water Licence and needs to be managed and demonstrated to be within Licence compliance limits prior to discharge.

It is unclear if QIA has any concern with the design of the diversion berms. Could QIA please clarify that? Does QIA require more information on the design of the berms? What is QIA's feedback on the design?

As for water quality, QIA is kindly referred to Licence Part F, Item 25.

Regards,



NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT  
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