

Fwd: 2AM-MRY1325: Response to CIRNAC comments on Modification Request No. 12

Steve Borcsok <steve.borcsok@baffinland.com>

Tue, Jul 2, 2019 at 1:43 PM

To: "Zhong, David (AADNC/AANDC)" <david.zhong@canada.ca>, Lou Kamermans <lou.kamermans@baffinland.com>, Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca>

Cc: "Campbell, Bridget (AADNC/AANDC)" <bri>
"Campbell@canada.ca>, Richard Dwyer <richard.dwyer@nwb-oen.ca>, "Okonkwo, Godwin (AADNC/AANDC)" <godwin.okonkwo@canada.ca>

Good afternoon David, hope you also had a great long weekend.

Please find our responses to your questions below in green, and a referenced figure attached. We would be happy to have a phone discussion tomorrow as well to discuss.

Thanks.

Steve Borcsok, P.Eng. | Permitting Specialist Oakville - 2275 T: +1 416 364 8820 x5090



2275 Upper Middle Road East, Suite 300, Oakville, Ontario, Canada, L6H 0C3 www.baffinland.com

This email, and any attachments, may contain information which is confidential and/or privileged. Any unauthorized use or disclosure is prohibited. If you are not the intended recipient, please contact the sender and delete the material from any device.

From: Zhong, David (AADNC/AANDC) < david.zhong@canada.ca>

Sent: Tuesday, July 2, 2019 12:07 PM

To: Lou Kamermans <lou.kamermans@baffinland.com>; Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca>

Cc: Campbell, Bridget (AADNC/AANDC)

clambell@canada.ca>; Richard Dwyer <richard.dwyer@nwb-oen.ca>; Okonkwo, Godwin (AADNC/AANDC) <godwin.okonkwo@canada.ca>; Steve Borcsok <steve.borcsok@baffinland.com> Subject: [External]RE: [EXTERNAL] Fwd: 2AM-MRY1325: Response to CIRNAC comments on Modification Request No. 12

CAUTION: This email was received from outside of Baffinland systems. It may contain malicious attachments or links. <u>If you are not familiar with the content of the email do not open the attachments or click embedded links.</u>

Good morning Lou,

I hope you have had a wonderful Canada Day long weekend.

I had a quick read of Baffinland's responses and CIRNAC's comments and do have a few questions that need clarification from Baffinland. As Bridget is away from the office until tomorrow and I am not completely familiar with this file, there might be more questions from Bridget upon her return.

- 1. In the response to CIRNAC Comment #1, Baffinland states that the purpose of the proposed stockpile expansion area will be for the production increase to 6 Mt. However, CIRNAC notes that the existing stockpile had the capacity to handle 5 Mt of ore production in 2018 and the proposed expansion, based on Figure 1, seems double the footprint of the existing stockpile. Also, Baffinland states that a new Stockpile #2 will be needed for the Phase 2 expansion. It is not clear where new Stockpile #2 will be located and how large its area will be. Figure 1.3 (attached) shows the Phase 2 proposal layout. Stockpile #2 is denoted on this figure as Lump Ore Stockpiles. As indicated in our earlier correspondence, The request to expand Ore Stockpile No. 1 is to ensure Baffinland has the ability in 2019 to (i) create multiple customer- owned piles, and (ii) provide for sufficient separation between the piles to ensure no co-mingling of different buyer's products. The area of Stockpile #2 is 21.4 ha.
- 2. CIRNAC Comment #2 seeks a clear justification for expanding the stockpile footprint over a water body and a discussion on potential alternative storage arrangements. Baffinland's response does not directly address either requests. For efficient bulk material handling, additional stockpile space must be located in the vicinity of the ore dock and shiploader. Development of stockpile space at a separate location further away from the ore dock would necessitate double handling of material to bring ore to the existing stockpile where the conveyor to the shiploader will be present. Logistically, this would not be efficient enough to meet the limited window to ship ore during the open water season. There is very little space to expand the stockpile in the vicinity of the ore dock so constructing over the water body is required due to the geography of the area. Expansion of the stockpile must also consider the alignment of the ore conveyor to the shiploader which should be designed to be as straight as possible for bulk material handling to be most efficient.

Figure 1.3 shows the layout of Milne Port as part of the Phase 2 proposal. While the proposed infrastructure shown in this layout remains within the NIRB assessment process, Baffinland has designed infrastructure improvements for the current operation with the understanding that the Phase 2 proposal is likely to be developed in the future. With this understanding, Figure 1.3 demonstrates that available room for development is very limited within the currently approved Project Development Area. Additionally, in anticipation of ore transport moving from truck to rail with the Phase 2 proposal, utilizing a separate stockpile area would require Baffinland to transport the material following secondary crushing to this separate stockpile, and then transport it back to the stockpiles during the shipping season.

I can be available for a phone discussion this afternoon if necessary.
Best regards,
David.
David Zhong, Ph.D., P.Geo. (B.C.)
Regulatory and Science Advisor
Water Resources Division
Resource Management Directorate
Nunavut Regional Office
Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)
P.O.Box 100
Iqaluit, NU. X0A 0H0
Tel: (867)975-4555
david.zhong@canada.ca

From: Lou Kamermans [mailto:lou.kamermans@baffinland.com] Sent: Friday, June 28, 2019 4:04 PM To: Assol Kubeisinova Cc: Campbell, Bridget (AADNC/AANDC); Zhong, David (AADNC/AANDC); Richard Dwyer; Okonkwo, Godwin (AADNC/AANDC); Steve Borcsok Subject: Re: [EXTERNAL] Fwd: 2AM-MRY1325: Response to CIRNAC comments on Modification Request No. 12 Hi Bridget, David I would just add we can be available for a conference call that afternoon to provide any clarification if necessary. Have a good weekend, Lou Sent from my iPhone On Jun 28, 2019, at 3:21 PM, Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca> wrote: CAUTION: This email was received from outside of Baffinland systems. It may contain malicious attachments or links. If you are not familiar with the content of the email do not open the attachments or click embedded links. Good afternoon Bridget, David, I understand that Bridget is currently out of office, so this request is addressed to both of you. The Board received the attached correspondence from Baffinland on their request for Modification No. 12. Could CIRNAC please confirm if its information requests had been satisfied on or before July 2, 2019 (17:00 ET)? Thank you,

Assol



Assol Kubeisinova- ついているはいる

Piluagnagtuliginigmun Ikayugti

NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT ϼϭͺϘͺϹͺͺϽϲͺϘͺΡͺΡ. ΝΠΝΑΛΩΤ ΙΜΑΓΙΚΙΧΙΝ ΚΑΤΙΜΑΧΙΝΘΙ

www.nwb-oen.ca

P.O. Box 119 Gjoa Haven, NU X0B 1J0

C.P. 119 Gjoa Haven, NU X0B 1J0 115 56 A 56 DEL BOX sepa, ecerep Titigaqaqvia 119 Ughiiqtiniq, NU, X0B 1J0

Tel / Téléphone / v?/slb / Hivayauta; (867) 360-6338 | Fax / Télécopieur / hvJ4f5 / Fax-kut; (867) 360-6369 Toll Free / Sans / ⊲ρ56% ρ€⊃56 / Akiittug: 1-855-521-3745

WARNING - This communication, including any attachments contains confidential information intended only for the addressee(s) noted above. Any unauthorized distribution, copying, or disclosure is strictly prohibited. If you have received this by mistake, please notify the sender immediately and delete this message without printing or copying it. Thank you.

AVIS DE CONFIDENTIALITÉ - Ce message, et toute(s) pièce(s) jointe(s) est confidentiel et est à l'usage exclusif du(es) destinataire(s) ci-dessus. Toute autre personne est par la présente avisée qu'il lui est strictement interdit de le diffuser, le distribuer ou le reproduire. Si le destinataire ne peut être joint ou vous est inconnu, veuillez informer l'expéditeur par courrier électronique immédiatement et détruire ce message et toute copie de celui-ci. Merci pour votre collaboration.



Africa de penser à l'environnement avant d'imprimer ce courriel / Thank you for thinking of the environment before printing this email

[Quoted text hidden]

[Quoted text hidden] [Quoted text hidden] [Quoted text hidden]

