



NWB Tools

Ida Porter <ida.porter@nwb-oen.ca>

181109 2AM-MRY1325 Comment Request on Construction Drawings Submission
Run of MSSP-OLAE

3 messages

Ida Porter <ida.porter@nwb-oen.ca>

Fri, Nov 9, 2018 at 4:20 PM

To: Christopher Murray <christopher.murray@baffinland.com>, Andrew Vermeer <Andrew.vermeer@baffinland.com>

Cc: Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca>, Fai Ndofor <FNdofor@qja.ca>, Ian Parsons <Ian.Parsons@aandc-aadnc.gc.ca>, "Forte, Sarah (AADNC/AANDC)" <sarah.forte@canada.ca>, "Campbell, Bridget (AADNC/AANDC)" <bridget.campbell@canada.ca>, "Dewar, Spencer (AADNC/AANDC)" <spencer.dewar@canada.ca>

Hi Chris,

Please find attached copy of QIA & CIRNAC Response to comments on Construction Drawings Submission Run of Mine Stockpile and Sedimentation Pond, please review and respond.

Regards,
Ida



Ida Porter- <ΔC >ΔC

Licence Administrator- Administratrice des permis

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NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT

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www.nwb-oen.ca

P.O. Box 119

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2 attachments



181109 2AM-MRY1325 QIA CPL Run of Mine Stockpileand Sedimentation Pond Response-ILAE.pdf

482K



181109 2AM-MRY1325 CIRNAC Reply to BIM Response KM107 ROMSTOCKPILE-IMLE.pdf

101K

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

Fri, Nov 9, 2018 at 4:27 PM

To: Christopher Murray <christopher.murray@baffinland.com>

Cc: licensing@nwb-oen.ca

Chris,

Could you also please let us know the following:

- the planned capacity of the pond is 3,500 m3. What would be the additional capacity if the pond were to contain a 10-year flood, plus a standard/average volume of stored water (i.e., the runoff that had been collected just prior to the 10-year flood);
- how often and at when/what time of year does BIMC discharge its ponds;
- is there a contingency plan in the event of a 10-year flood?
- is it possible that the pond may be left empty at some point? If so, for how long? CIRNAC raised a concern in of its submissions about liner deterioration due to mechanical and UV damage;

Thank you,



Assol Kubeisinova- ᠠᠰᠣᠯ ᠬᠤᠪᠡᠰᠢᠨᠣᠪᠠ

Technical Advisor - Conseiller technique ᐱᓗᕈᑦᔨᒃᕋᕐᕆᕐᕇ ᐃᔭᕐᕏ.
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2 attachments



181109 2AM-MRY1325 QIA CPL Run of Mine Stockpileand Sedimentation Pond Response-ILAE.pdf
482K



181109 2AM-MRY1325 CIRNAC Reply to BIM Response_KM107_ROMSTOCKPILE-IMLE.pdf
101K

Christopher Murray <christopher.murray@baffinland.com>
To: Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca>
Cc: "licensing@nwb-oen.ca" <licensing@nwb-oen.ca>

Tue, Nov 20, 2018 at 12:20 PM

Hi Assol,

Please find below my responses to your inquiry in red, I am happy to discuss further.

Thank you,

Christopher Murray | Environmental & Regulatory Compliance Manager
Oakville - 2275
T: +1 416 364 8820 x5072
C: +1 647 472 9842



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From: Assol Kubeisinova [mailto:assol.kubeisinova@nwb-oen.ca]

Sent: November 9, 2018 6:28 PM

To: Christopher Murray <christopher.murray@baffinland.com>

Cc: licensing@nwb-oen.ca

Subject: [EXTERNAL] Fwd: 181109 2AM-MRY1325 Comment Request on Construction Drawings Submission Run of MSSP-OLAE

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Chris,

Could you also please let us know the following:

- the planned capacity of the pond is 3,500 m3. What would be the additional capacity if the pond were to contain a 10-year flood, plus a standard/average volume of stored water (i.e., the runoff that had been collected just prior to the 10-year flood);

There is no standard or average volume of water anticipated to be managed on an ongoing basis, as this is entirely dependant on meteorological conditions in a given year. The 1:10 year precipitation event was selected in the approved Civil Design Criteria for the project to be sufficiently protective of the receiving environment. By definition the 1:10 year event is not a common occurrence and is considered an extreme condition, therefore the pond has more than adequate capacity to withhold runoff from on-going operations.

- how often and at when/what time of year does BIMC discharge its ponds;

Discharge of the ponds only occurs during the flowing water season, approximately May to September of a given year. The frequency of discharge is dependant on meteorological conditions. For reference, the discharge dates are provided in the monthly and annual report for each pond.

- is there a contingency plan in the event of a 10-year flood?

The pond is designed to contain a 1:10 year rainfall event. In the event that this is exceeded, water would be discharged to the environment through the emergency spillway, which is designed for a 1:200 year rainfall event. This is consistent with the approved Civil Design Criteria and the construction of all existing ponds at the Project.

- is it possible that the pond may be left empty at some point? If so, for how long? CIRNAC raised a concern in of its submissions about liner deterioration due to mechanical and UV damage;

The pond is designed to be drained on an on-going basis to maintain adequate capacity. The duration that sections of liner will be exposed are not known or consistent as it will depend on the meteorological factors contributing to the

