



## NWB Tools

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


# Mary River Project - As Built Documentation for Milne Inlet Pond 1A

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

Thu, Apr 11, 2019 at 10:16 AM

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

For saving in modification 9, please

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Technical Advisor - Conseiller technique ለጋላጭ ልማት ሚኒስቴር ልማት ሚኒስቴር

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[www.nwb-oen.ca](http://www.nwb-oen.ca)

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

C.P. 119  
Gjoa Haven, NU X0B 1J0

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Titigaqavua 119  
Uqhuqtuq, NU, X0B 1J0

Tel / Téléphone / ᖃ?/s]b / Hivayauta: (867) 360-6338 | Fax / Télécopieur / hvJ4f5 / Fax-kut: (867) 360-6369

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

From: **Christopher Murray** <[christopher.murray@baffinland.com](mailto:christopher.murray@baffinland.com)>

Date: Thu, Apr 11, 2019 at 9:10 AM

Subject: RE: [EXTERNAL] Re: Mary River Project - As Built Documentation for Milne Inlet Pond 1A

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

Hi Assol,

To clarify on your first point; you inquired why the capacity of Pond 1 had increased in this as-built and I indicated that the capacity of Pond 1 was increased by raising the weir, not Pond 1a.

Regarding the construction of Pond 2a:

- Per the as-built documentation for the Ore Stockpile (H349000-2133-10-035-0001 and H349000-2133-10-035-0002, from CSR dated Sept 27, 2016), all surface runoff collected east of the conveyor that divides the stockpile area reports to the existing east perimeter ditching and Pond 2, while surface runoff collected west of the conveyor reports to the west perimeter ditching and Pond 1.
- As Pond 1 has been expanded with the addition of Pond 1a, there is sufficient volume for the addition of the new footprint on the west side of the conveyor and the expansion of the perimeter ditching, as depicted in the IFCs

(H353004-40000-228-271-0007-0001) presented in Modification No. 9. The design brief in Modification 9 further clarifies in Section 4 that the upgrade to Pond 1 is required based on the increase in footprint and the associated berms and ditches. Section 5.5 goes on to clarify that the total pond capacity required for this increase in footprint is 6,750 m<sup>3</sup>.

- The Pond 2 expansion is required as the pond volume is insufficient for the current footprint, independent of the expansion proposed for the west side of the pad. Pond 2 will be expanded to the total volume of 6,910 m<sup>3</sup> with the addition of Pond 2a, however the work was staged such that Pond 1a was completed first.

Based on the above and submissions to the NWB to date, Baffinland has confirmed that the expansion to the west side of the ore stockpile pad will have sufficient settling pond capacity on the west side of the ore pad reporting to Pond 1 and Pond 1a. Baffinland will continue to execute the work associated with Modification No. 9 to expand the capacity of Pond 2 with the addition of Pond 2a as a proactive measure.

It is noted that the rationale for the inclusion of the condition to submit as-built documentation to the NWB prior to the pad earthworks was the result of concerns expressed by CIRNAC that Baffinland would not be able to construct the pond expansion to the volume described in the design brief, based on conditions encountered in the field (i.e. groundwater). As the documentation provided by Baffinland demonstrates that the work was executed to complete the combined volume of Pond 1 and Pond 1a to the design capacity of 6,750 m<sup>3</sup>, we consider this concern to be addressed.

Please let me know should you have any further questions or concerns, I am available by phone and email all day today.

Thank you,

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



2275 Upper Middle Road East, Suite 300, Oakville, Ontario, Canada, L6H 0C3  
[www.baffinland.com](http://www.baffinland.com)

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**From:** Assol Kubeisinova [mailto:[assol.kubeisinova@nwb-oen.ca](mailto:assol.kubeisinova@nwb-oen.ca)]  
**Sent:** Wednesday, April 10, 2019 5:23 PM  
**To:** Christopher Murray <[christopher.murray@baffinland.com](mailto:christopher.murray@baffinland.com)>  
**Subject:** [EXTERNAL] Re: Mary River Project - As Built Documentation for Milne Inlet Pond 1A

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Hi Chris,

The previous conversation was in the wrong email chain (my omission!), so am correcting that.

To summarize and provide some continuity, I asked what caused Pond 1 capacity to increase and if Baffinland was planning to construct Pond 2a. To which you responded, "The capacity of Pond 1a was increased as they raised the elevation of the emergency spillway, this was a field fit change from the engineer to ensure we had sufficient combined capacity between the two ponds. On the drawing submission you will see the 'Detail – Sedimentation Pond No. 1 Weir' and the note below it from the engineer identifying the change.

Pond 2a is still planned for construction, however as the expansion of the ore pad proposed in the modification request reports to the western half of the structure and only Pond 1 and 1a, we have concluded that the pond capacity of Pond 1 and 1a is sufficient to allow the expansion of the ore pad footprint as proposed."

My concern is that, as the Modification Request states, "in reviewing the current water management infrastructure at the Milne Port Ore Stockpile Pad, it was determined that Pond No. 2 is undersized for the current footprint of the ore stockpile pad". Since Baffinland's position is that Ponds 1 and 1a provide enough storage volume for both the expansion and current configuration of the stockpile until work on 2 and 2a is done, could you please provide a bit more information (such as engineering analysis) that confirms that?

In addition, when is Pond 2 expansion and 2a construction forecast to be complete?

Thank you,

Assol



## Assol Kubeisinova- ᠠᠰᠣᠯ ᠬᠤᠪᠡᠰᠢᠨᠣᠪᠠᠶᠢ

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

C.P. 119  
Gjoa Haven, NU X0B 1J0

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Titigaqavua 119  
Uqhuqtuuq, NU, X013 1J0

Tel / Téléphone / ᖃᓄᓂᐅ / Hivayaut: (867) 360-6338 | Fax / Télécopieur / hvJ4f3 / Fax-kut: (867) 360-6369  
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