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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

**File: 2AM-MRY1325 – Amendment No. 1
Modification No. 5**

August 16, 2018

Christopher Murray
Environmental & Regulatory Compliance Manager
Baffinland Iron Mines Corporation
Suite 300 – 2275 Upper Middle Road East
Oakville, Ontario, Canada L6H 0C3

Email: christopher.murray@baffinland.com

RE: Licence No. 2AM-MRY1325 Type “A” – Amendment No. 1; Modification No. 5 Application by Baffinland Iron Mines Corporation for Crusher Pad Sedimentation Pond Expansion at the Mary River Project

Dear Mr. Murray:

Background

On September 27, 2017, the Nunavut Water Board (NWB or the Board) received a request by Baffinland Iron Mines Corporation (BIMC) for a modification (Request) to the amended Licence No. 2AM-MRY-1325 (the Licence) issued to BIMC for the Mary River Project (the Project). The requested modification was for the expansion of the crusher pad sedimentation pond at the mine site.

The NWB distributed the Request on October 6, 2018 for public review. Submissions were received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), and the Qikiqtani Inuit Association (QIA).

CIRNAC stated that following additional information should be provided¹:

- Issued-for-construction drawings should be stamped by an Engineer;
- A schedule for construction;
- As-built drawings of the crusher pad post-enlargement;
- Confirmation that a potential 6,000-m² crusher pad enlargement is not considered in the request for modification #5.

QIA expressed² its concerns regarding the following:

- Explanation on parties responsible for environmental monitoring, frequency of this monitoring, and schedule of reporting of the results of monitoring should be provided;
- A schedule of construction should be submitted;
- A final design report should be provided;

¹ CIRNAC, multiple submissions, filed on June 13, July 3, and July 11, 2018.

² QIA, Re: Mary River Project – Mine Site Crusher Pad Expansion Modification Request No. 1. Water Licence 2AM-MRY1325, filed on June 12, 2018.

- For-construction documentation including complete specifications and drawings should be included;
- Geotechnical assessment information should be provided;
- Design drawings should be stamped by an Engineer;
- Information should be included with respect to the operations and maintenance requirements of the facility;
- Detailed instrumentation and monitoring plans including sampling locations, parameters measured, and frequencies of sampling should be provided; and
- An evaluation for security associated with this work should be provided. Approval by QIA will be required prior to commencement of proposed works.

After several rounds of exchange of information, the interveners expressed their satisfaction with the quality of design and accompanying information^{3,4}.

Copies of all documents received in support of the Application can be accessed through the NWB's Public Registry and FTP site using the following Link:

[ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MRY1325%20BIMC/3%20TECH/6%20MODIFICATIONS%20\(G\)/Modification%20No.%205%20MineSiteCrshrPadSedimentPondExpansion/](ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MRY1325%20BIMC/3%20TECH/6%20MODIFICATIONS%20(G)/Modification%20No.%205%20MineSiteCrshrPadSedimentPondExpansion/)

NWB's Review and Decision

The NWB, having fully reviewed the Licensee's request in the context of interveners' comments and recommendations, potential impact of the proposed activities on the freshwater environment, and consistency of the proposed activity in relation to the scope of the Licence, determined that the upgrades proposed are consistent with the scope of activities considered under the Licence issued to the Project. Therefore, by way of this correspondence and in accordance with **Motion No. 2018-A1-013** and Part G, Item 1 of the Licence, the Board authorizes BIMC to undertake the upgrades proposed for the Mine Site and Milne Port in accordance with BIMC's Application.

In addition, the Board advises the Licensee that in accordance with Part G, Item 2 of the Licence's terms and conditions, changes in excess of those authorized under this modification, may constitute a separate potential modification or amendment to the Licence, which may require respective determination(s) from the Nunavut Planning Commission (NPC) and/or the NIRB prior to receiving any consideration(s) and/or determination(s) from the NWB. Further, in keeping with Part G, Item 4 of the Licence's terms and conditions, the submission of post-construction information, including as-built plans and drawings, shall remain applicable to this authorization.

Should you have any questions regarding the above, please contact the NWB Licensing Department by email to licensing@nwb-oen.ca or by phone at (867) 360-6338.

Sincerely,

Lootie Toomasie

³ Fai Ndofor, Regulatory Manager, QIA to Assol Kubeisinova, Technical Advisor, NWB; RE: 180628 2AM-MRY1325 Revised Distribution Review and Comment Request (BIMC) Modification No. 5 Mine Site Crusher Pad Sediment Pond Expansion Qikiqtani Region-OAAE, dated July 5, 2018.

⁴ Sarah Forté, Water Management Specialist, CIRNAC to Assol Kubeisinova, Technical Advisor, NWB; RE: Mary River Project - Crusher Pad As Built Documentation - Modification Request No. 1, dated August 15, 2018.

Nunavut Water Board, Chair

LT/ak/ip

Enclosure: Comments – CIRNAC and QIA

Cc: Distribution List – Mary River