



June 24, 2015

File #: 2AM-MRY1325

Jim Millard  
Manager, Environment  
Baffinland Iron Mines Corporation  
2275 Upper Middle Road East  
Oakville, ON  
Canada L6H 0C3

Re: KM97 Borrow Pit Reclamation Plan

Dear Mr. Millard,

**Background:**

On June 19<sup>th</sup>, 2015 a plan entitled, "Borrow Source Reclamation Plan, Milne Inlet Tote Road, KM97," was submitted to AANDC by Baffinland Iron Mines Corporation (BIMC) regarding the reclamation of a Borrow Source at KM97 on the Milne Inlet Tote Road. This borrowing has led to thawing of the underlying permafrost soils, which has caused a considerable increase in ponded water; and, there is settlement resulting from thaw of both the ground ice in the soil matrix and thaw of ice wedges.

**Determination:**

I have reviewed the documentation you submitted and I will accept this as BIMC's ten day notice of intent to discharge, as required under Part F, Item 12. The reclamation of these borrow pits is also a requirement under Part J, Item 7 whereas the Licensee shall backfill and restore, to the satisfaction of an Inspector, all sumps to the pre-existing natural contours of the land. Furthermore, this activity is in line with the Scope of your project, approved under BIMC's Interim Closure and Reclamation Plan, Rev 3, dated March 19, 2015, and part of BIMC's Borrow Source Management Plan.

However, I have determined that there are some additional terms in your water licence 2AM-MRY1325 that apply to this activity not covered within the Borrow Source Reclamation Plan.

*Part I, Item 23:* The Licensee shall monitor runoff and/or discharge from borrow pits and rock Quarry sites, on a monthly basis, for the following parameters: Total Suspended Solids, Oil and Grease, Ammonia, Nitrate, pH, Conductivity; and Demonstrate to be non-acutely toxic.

*Part F, Item 12:* ... The Licensee shall include the estimated volume proposed for Discharge and the location and description of the receiving environment.

Please provide this information before work begins. If you have any questions about my determination, or would like to discuss this further, please feel free to contact me at any time.



Aboriginal Affairs and  
Northern Development Canada

Affaires autochtones et  
Développement du Nord Canada

Kind regards,

A handwritten signature in black ink, appearing to read "Justin Hack".

Justin Hack  
Water Resource Officer  
Iqaluit, NU  
Aboriginal Affairs and Northern Development Canada  
867-975-4517

cc. Erik Allain, Manager, Field Operations, AANDC Iqaluit  
Phyllis Beaulieu, NWB  
Allan Knight, BIMC  
Trevor Myers, BIMC  
Scott Burgess, AANDC