



Nunavut District Office

P.O. Box 100

Iqaluit, NU, X0A 0H0

Tel: (867) 975-4289

Fax: (867) 979-6445

Jim Millard, M.Sc., P.Geo.
Senior Environmental Superintendent
Mary River Project
Baffinland Iron Mines Corporation
cell 902-403-1337
work site : 403 450 8843

August 27, 2009

RE: **Baffinland Iron Mines Corp. proposed modification to current treatment strategy for contaminated storm water.**

Mr. Millard,

Thank you for providing our offices the opportunity to review the treatment strategy proposed by AMEC to Baffinland Iron Mines Corp (BIMC). The documents you provided were reviewed by our Water Resources Section in the Operations Directorate and the following recommendations were provided;

- Monitoring protocols for Oil and Grease must be maintained on a daily basis during discharge due to the relatively short period of time (4.5 days) estimated by AMEC prior to breakthrough.
- Results are to be provided to the Inspector and INAC Water Resources Division (Tanya Trenholm) prior to the initial discharge and weekly results (once/per week) during discharge.
- Notification to the Inspector and INAC Water Resources Division (Tanya Trenholm) are to be provided when the media is changed.
- BIMC is required to calculate the daily discharge flow rate and total daily amount of discharge and these records are to be provided in the weekly summary as above.
- Upon completion of the discharge BIMC must submit a Compliance Report to the Inspector, INAC Water Resources Division and the Nunavut Water Board. The report must provide details of all sample analysis results, both raw and treated, in a table format, the total flow of all contaminated wastewater discharged, total amount of treatment materials used, and any other applicable information.



INAC concurs with the implementation of your operation and treatment strategy provided that the above recommendations are incorporated into the operation and treatment.

Baffinland Iron Mines Corporation is reminded that Part D, Item 17 of the current license (15mg/L criteria) remains in force and shall not be exceeded. If sampling results indicate that this criteria has been exceeded BIMC must cease treatment and discharge operations and report this to the Inspector. At that time an evaluation of the process will be undertaken and a decision made in consultation with Baffinland regarding the continuation of the operation.

In addition, all notifications, flow records and reports are to be provided to the Nunavut Water Board at the same time as the Inspector and INAC Water Resources.

I trust you will find this satisfactory and that a confirmation of your intentions to incorporate the recommendations as outlined above will be forthcoming.

If you have any questions or concerns please do not hesitate to contact myself via E-mail (note I am still traveling) or my colleague in the Water Resources Section Ms. Tanya Trenholm in Iqaluit at 1-867-975-4566.

Sincerely,

Original signed and to follow by mail

Andrew Keim
Water Resources Officer
Nunavut District Office
P.O. Box 100
Iqaluit, NU, X0A 0H0
Tel: (867) 975-4289
Fax: (867) 979-6445

cc.

Nunavut Water Board, Gjoa Haven
Peter Kusugak, Manager Field Operations
Kevin Buck, Manager Water Resources Section
Tanya Trenholm, Pollution Policy Specialist