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NUNAVUT IMALIRIYIN KATIMAYINGI  
NUNAVUT WATER BOARD  
OFFICE DES EAUX DU NUNAVUT

June 8, 2011

**File No: 2BB-MRY1114/TR/B6**

Jim Millard, M.Sc., P.Geo.  
Senior Environmental Superintendent  
Baffinland Iron Mines Corporation  
Suite 1016, 120 Adelaide Street West  
Toronto ON M5H 1T1  
E-mail: [jim.millard@baffinland.com](mailto:jim.millard@baffinland.com)

Subject: Submission of 2010 Annual Report – 2BB-MRY1114

Dear Mr. Millard:

The Nunavut Water Board (“NWB”) acknowledges receipt, on March 31, 2011, of the 2010 Annual Report from Baffinland Iron Mines Corporation, as a requirement of Part B, Item 6 of the current licence. Included with the annual report are the following additional documents:

#### **TABLES**

- Table 1.1 Rev. 0 Summary of 2010 Activities and Submissions
- Table 1.2 Rev. 0 Summary of Exploration Drilling
- Table 1.3 Rev. 0 Exploration Drillhole Details
- Table 1.4 Rev. 0 Geotechnical Drillhole Details
- Table 2.1 Rev. 0 Daily, Monthly and Annual Quantities of Water for Camps Mary River Project
- Table 2.2 Rev. 0 Daily, Monthly and Annual Quantities of Water for Drilling
- Table 2.3 Rev. 0 Monthly and Annual Quantities of Treated Sewage Effluent and Sludge Removed
- Table 2.4 Rev. 0 Location of Temporary and Permanent Storage Areas for Wastes
- Table 2.5 Rev. 0 Water Licence Water Quality Monitoring Locations
- Table 2.6 Rev. 0 Water Quality Results for Water Licence Monitoring Locations
- Table 4.1 Rev. 0 Drill Core Analytical Data
- Table 6.1 Rev. 0 Summary of Unauthorized Discharges
- Table 10.1 Rev. 0 Meetings with Public, Government and Inuit Organizations
- Table 10.2 Rev. 0 2010 Stakeholder Site Visits to Mary River

#### **FIGURES**

- Figure 1.1 Rev. 0 Project Location Map
- Figure 1.2 Rev. 0 Locations of Project Activities
- Figure 1.3 Rev. 0 Existing Site Layout at Milne Inlet
- Figure 1.4 Rev. 0 Milne Inlet Tote Road and Water Licence Monitoring Locations
- Figure 1.5 Rev. 0 Existing Site Layout at Mary River
- Figure 1.6 Rev. 0 Existing Site Layout at Mid Rail Camp
- Figure 1.7 Rev. 0 Existing Site Layout at Steensby Inlet
- Figure 1.8 Rev. 0 2010 Exploration Drillholes and Water Quality Sample Locations for Deposits 1, 2 & 3
- Figure 1.9 Rev. 0 2010 Exploration Drillholes for Deposits 4 & 5
- Figure 1.10 Rev. 0 2010 Geotechnical Drillhole Locations

## **APPENDICES**

- Appendix A NWB Annual Report Form
- Appendix B Waste Management Summary 2010
- Appendix C As-Built Reports and Photographic Records
  - C.1 – Landfill As-Built Report
  - C.2 - Annual Geotechnical Inspection
  - C.3 - Photographic Records
    - C.3.1 - Mary River Site Photos
    - C.3.2 - Milne Inlet Site Photos
    - C.3.3 - Steensby Inlet Photos
    - C.3.4 - Exploration Drilling Photos
    - C.3.5 - Milne Inlet Tote Road Photos
    - C.3.6 – Geotechnical Drilling Photos
- Appendix D Drill Water Monitoring Summary
- Appendix E Other Supporting Documents
  - E.1 – Letter of Approval – Open Burning of Untreated Wood Waste
  - E.2 – Standard Operating Procedures – Open Burning of Untreated Wood Waste
  - E.3 – Letter of Notification – Oily Storm Water Treatment – Milne Inlet
  - E.4 – Geochemical Evaluation of Tote Road Aggregate Materials
- Appendix F Revised Plans
  - F.1 - Abandonment and Reclamation Plan
  - F.2 - Spill Contingency Plan
  - F.3 - Site Water Management Plan and QA/QC Plan

The submission has been placed on the NWB public registry and is available from the NWB ftp site username: **public**, password: **registry**. This report is forwarded to the distribution list for information only. Anyone wishing to provide comments may do so by return e-mail to [licensingadmin@nunavutwaterboard.org](mailto:licensingadmin@nunavutwaterboard.org)

Sincerely,

*Original signed by:*

Richard Dwyer  
Licence Administrator

cc. Qikiqtani Distribution List