



Cover Letter

TO Phyllis Beaulieu
Manager of Licensing, Nunavut Water Board

File: 9545-2-2.2AM-MEAA
CIDMS: 269626

October 3, 2008

FROM David Abernethy
Regional Coordinator, Water Resources Division
Nunavut Regional Office

SUBJECT **Water License #2AM-MEA0815, Agnico-Eagle Mines Ltd.,
Meadowbank Gold Project, Kivalliq Region, Operational
ARD/ML Testing and Sampling Plan**

Please be advised that on behalf of Indian and Northern Affairs Canada (INAC), I have reviewed the above-referenced license renewal application submitted by Agnico-Eagle Mines Ltd. to the Nunavut Water Board (NWB) for approval.

A Technical Memorandum is provided for the NWB's consideration.

Should you have any questions regarding the comments / recommendation provided, please contact me at 867-975-4555 or AbernethyD@inac-ainc.gc.ca.

Regards,
David W. Abernethy

Cc. Kevin Buck, Manager of Water Resources
Bernie MacIsaac, Manager of Field Operations



Technical Review Memorandum

TO Phyllis Beaulieu
Manager of Licensing, Nunavut Water Board

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SUBJECT **Water License #2AM-MEA0815, Agnico-Eagle Mines Ltd.,
Meadowbank Gold Project, Kivalliq Region, Operational
ARD/ML Testing and Sampling Plan**

DESCRIPTION

Agnico-Eagle Mines Ltd. (AE) submitted the above-referenced plan to the Nunavut Water Board (NWB) for review on August 11, 2008 as a requirement of Part I, Item 4 of water license #2AM-MEA0815. This plan was subsequently posted on the NWB's public registry and distributed to interested parties for review on August 11, 2008.

The following documents were consulted during my technical review of the submitted plan:

- Cumberland Resources Ltd. *Baseline Kinetic Test Report*. October 2005.
- Golder Associates Ltd. *Static Testing Results of Overburden, Mine Site Infrastructure Rock, Pit Rock and Tailings, Meadowbank Gold Project Nunavut*. September 2005.
- Lorax Environmental Services Ltd., Bruce Mattson. *Acid Rock Drainage Technical Report*. July 2006.
- *Metal Mining Effluent Regulations*, SOR/20023-222. 2002.
- *Operational ARD/ML Sampling and Testing Plan – Type A Water License Application*. August 2007.

COMMENTS / RECOMMENDATIONS

The following comments / recommendations are provided to the NWB for consideration in the approval of this plan.

General Findings

This plan appears to address the requirements listed in Part I, Item #4 of the project's Type A water license. These include:

- A detailed sampling, analysis, and segregation system for rock and till that incorporates conservative criteria where there is uncertainty as to the character of material to ensure that problematic material is not incorporated into environmentally sensitive structures planned for construction;
- Analyses to establish a correlation between metal concentration and leach rates; and,
- A plan or schedule for periodic auditing of the segregation system.

Metal Leachate Decision Criteria

- AE has noted that metals of potential concern in the project area include Arsenic, Copper, Nickel, and Zinc. INAC understands that AE will comply with the Metal Mining Effluent Regulation (MMER) effluent quality criteria throughout the Meadowbank Gold Mine's operation. However, as a means of communicating the decision criteria used to determine the metal leaching potential of waste rock and till, the MMER's authorized limits of deleterious substances should be written in this plan. These limits are provided in Schedule 4 of the MMER.

Should you have any questions regarding the comments / recommendations provided above, feel free to contact me at 867-975-4555 or AbernethyD@inac-ainc.gc.ca.

Regards,
David W. Abernethy

Cc. Kevin Buck, Manager of Water Resources
Bernie MacIsaac, Manager of Field Operations