



Water Resources Division  
Nunavut Regional Office  
Iqaluit, NU X0A 0H0

August 12, 2016

NWB File:  
2AM-MEL1631

Karen Kharatyan  
Manager of Licensing  
Nunavut Water Board  
PO Box 119  
Gjoa Haven, NU X0B 1J0

INAC File:  
CIDM: 1090727

**Re: 2AM-MEL1631 – Construction plans of Culverts 3 and 4 at Meliadine Gold Mine – Agnico-Eagle Mines Limited (AEM)**

Please be advised that Indigenous and Northern Affairs Canada (INAC) has completed a review of the above noted construction plans.

In conducting this review, INAC staff have reviewed all documents on the Nunavut Water Board FTP site relating to the construction plans for the culverts, as well as the applicable Water Licence, 2AM-MEL1631. Attached is a Technical Review Memorandum for your consideration.

Please feel free to contact me should you have any questions or comments. I can be reached at (867) 975-4282 or by email at [ian.parsons@aandc.gc.ca](mailto:ian.parsons@aandc.gc.ca).

Sincerely,

*Original signed by*

Ian Parsons  
Regional Coordinator B.Sc  
Indigenous and Northern Affairs Canada

Cc. Scott Burgess, A/Manager, Water Resources Division – INAC, Nunavut Regional Office (NRO)  
Erik Allain, Manager Field Operations, INAC, NRO



## **Technical Review Memorandum**

**Re: 2AM-MEL1631 – Construction plans of Culverts 3 and 4 at Meliadine Gold Mine – Agnico-Eagle Mines Limited (AEM)**

### **Recommendations / Comments**

AEM are planning to install culverts at two locations along the service road at the Meliadine Gold Mine. These culverts are being installed primarily to ensure that water flows freely around site thus preventing the accumulation of water in certain areas, thereby eliminating potential for water management problems.

The location of culvert three appears to enable pond H7 and H8 to be connected. Culvert 3 will be a series of three culverts allowing water to flow from H7 to H8. The location of Culvert 4 appears to be at a location where water is accumulating and will be drained, so as to prevent potential issues with the accumulation of water in this area, and possible degradation of the permafrost.

INAC is satisfied that the construction plans submitted for inserting culverts 3 and 4 at the Meliadine Gold mine are adequate in addressing any environmental concerns at this time.