



ᓄᓇᓂᓪ ᓄᓄᓄᓄᓄᓄ ᓄᓄᓄᓄᓄᓄ
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: 2AM-MEL1631/TR/D1, 2

October 16, 2017

Alex Chernoloz
Environmental Compliance Counselor
Agnico Eagle Mines Ltd.
145, King Street East Suite 400,
Toronto, ON M5C 2Y7

E-mail: Alex.Chernoloz@agnicoeagle.com

Jamie Quesnel
Environmental Superintendent - Nunavut
Agnico Eagle Mines Ltd.
145, King Street East Suite 400,
Toronto, ON M5C 2Y7

E-mail: Jamie.Quesnel@agnicoeagle.com

**Subject: Design Reports for
Culverts 1, 12, 13, 18, 19; and Channels 7 and 8;
Type A Water Licence 2AM-MEL1631, Meliadine Gold Project, Agnico-Eagle
Mines Ltd.**

Dear Mr. Chernoloz and Mr. Quesnel:

The Nunavut Water Board (“NWB”) received from Agnico Eagle Mines Ltd. (AEM or Licensee) on September 15, 2017 the “Design Report for Culverts #1, #12, #13, #18 and #19 Meliadine Project, Nunavut” and “Design Report for Channel 7 and 8, Meliadine Project, Nunavut” (Reports) and associated drawings as a requirement of Part D, Item 1 of the Licence 2AM-MEL1631 (Licence). The Reports were completed by Tetra Tech Industries Inc. for AEM and dated September 2017.

AEM stated in their submission that *the overall objective of the water management strategy of this project is to develop a practical and feasible sitewide water management plan to minimize the potential negative impacts of mining development on the surrounding environment including habitats for fish and wildlife, and to facilitate mine operation and long-term closure and reclamation of the mine site. To attain this objective, culverts are used to control and divert runoff underneath the road and new facilities.*

Culverts #1, #18 and #19 are required to allow runoff flow by gravity under the haul road and then through other culverts and channels to reach CP1, while Culverts #12 and #13 are required for the Emulsion road.

Channel 7 is a water collection channel that collect flow from Culvert 11 and part of the runoff from the Waste Rock Storage Facility area 2 (WRSF2) to drain into Channel 1. Channel 7 is an internal channel where any water overflowing from the channel will temporarily flow over the existing drainage channel and remain within the catchment area of the Collection Pond 1 (CP1).

Channel 8 is a water collection channel located on the West side of portal # 2 to collect part of the surface flow of the Waste Rock Storage Facility 1 (WRSF1) and facilitate flow of site drainage through Culvert 2 and Channel 1. The section of channel is large enough to allow the accommodation of culvert 7. Channel 8 is an internal channel where any water overflowing from the channel will temporarily flow over the existing drainage channel and remain within the catchment area of the Collection Pond 1 (CP1).

On September 19, 2017, the Reports were distributed for interested parties' review with a deadline for submissions set at October 5, 2017. On October 6, 2017, Indigenous and Northern Affairs Canada (INAC) advised the Board that INAC has reviewed the final design drawings for Channels 7 and 8 and has no comments at this time.

The Board is satisfied that the Reports address the requirements of Part D, Item 2 of Licence 2AM-MEL1631, and has approved the Design Report for Culverts #1, #12, #13, #18 and #19; and the Design Report for Channel 7 and 9 through Board Motion No. 2017-A1-017, dated October 13, 2017, as required by Part D, Item 1 of Licence. The Licensee is advised that the Board's "approval" of this document is a verification that the proposed activity is consistent with the existing terms and conditions of the Licence and more specifically with the Part D, Item 2, and may proceed in accordance with the Report and drawings provided. It should be noted that the Board's "approval" is NOT intended or offered as any representation regarding the suitability of the plans nor third party verification of the design, construction, planning or engineering discussed in the document.

Should you have any questions, please feel free to contact the undersigned at (867) 360-6338 or karen.kharatyan@nwb-oen.ca at your earliest convenience.

Regards,,

Karén Kharatyan
A/Manager of Licensing / Sr. Technical Advisor

cc: Distribution List - Meliadine