



ᓄᓇᓂᓪ ᐃᓕᓕᓂᓪ ᑲᓂᓕᓂᓪ
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: 2AM-WTP1826/TR/D1, 2

December 5, 2018

Marie-Pier Marcil
Environmental Compliance Counselor
Agnico Eagle Mines Limited
145, King Street East Suite 400,
Toronto, ON M5C 2Y7

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

E-mail: marie-pier.marcil@agnicoeagle.com

E-mail: Jamie.Quesnel@agnicoeagle.com

Subject: Design Report for Mammoth Dike; Type “A” Water Licence 2AM-WTP1826, Whale Tail Pit Project; Agnico Eagle Mines Limited

Dear Ms. Marcil and Mr. Quesnel:

The Nunavut Water Board (NWB or Board) received from Agnico Eagle Mines Limited (Agnico Eagle or Licensee) on October 23, 2018, the document entitled: “Detailed Engineering of Water Management and Geotechnical Infrastructures, Design Report of Mammoth Dike” (Report) as a requirement of Part D, Item 1 of Water Licence 2AM-WTP1826 (Licence) that was approved by the Minister of Crown-Indigenous Relations Canada on July 11, 2018. The Report was prepared by SNC-Lavalin Inc. and dated October 22, 2018.

Mammoth Dike is one of the key components of the water management infrastructures required during open pit mining of the Whale Tail deposit. The Report states that *Mammoth Dike is designed to prevent flooding of the Whale Tail Pit in the event that the Mammoth lake level rises. The dike is a structure which will be dismantled or breached at the end of ore extraction from the Whale Tail Pit and once the closure conditions satisfied and monitoring completed.*

Agnico Eagle also states that the design of Mammoth Dike has used the latest Dam Safety Guidelines produced by the Canadian Dam Association (CDA) with respect to dam classification and the American Society for Testing and Materials (ASTM) for the geotechnical components of the work.

On October 23, 2018, the Report was distributed for interested parties’ review with a deadline for submissions set at November 20, 2018. On November 20, 2018, comments were submitted by Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC). On November 28, 2018, Agnico Eagle provided responses to comments. On December 5, 2018, CIRNAC informed the NWB that they are satisfied with Agnico Eagle responses.

The Board is satisfied that the Report addresses the requirements of Part D, Item 2 of Licence 2AM-WTP1826, and has accepted the Design Report for Mammoth Dike, as required by Part D, Item 1 of Licence. The Licensee is advised that the Board's "acceptance" 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 "acceptance" 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
Director of Technical Services

cc: Distribution List - Meadowbank