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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

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

November 1, 2018

Martin Theriault
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: Martin.Theriault@[agnicoeagle.com](mailto:Martin.Theriault@agnicoeagle.com)

E-mail: Jamie.Quesnel@agnicoeagle.com

Subject: Design Report for Saline Water Treatment Plant; Type “A” Water Licence 2AM-MEL1631, Meliadine Gold Project, Agnico Eagle Mines Limited

Dear Mr. Theriault and Mr. Quesnel:

The Nunavut Water Board (“NWB”) received from Agnico Eagle Mines Limited (Agnico Eagle or Licensee) on August 22, 2018, the document entitled: “Design Report for Saline Water Treatment Plant” (Report) as a requirement of Part D, Item 1 of Water Licence 2AM-MEL1631 (Licence). The Report was dated August 2018.

The Report includes the final design and construction drawings for the Saline Water Treatment Plant (SWTP), including the feed pump and discharge pump to CP1. The water treated at the SWTP will be sourced from the Saline Water Pond. The effluent water from the SWTP will be pumped back through a pipeline in CP1.

It is indicated that underground saline water is firstly stored in an underground stope that has a total capacity of approximately 11,000 m³ and is then transferred to the surface Saline Pond which has a total storage capacity of approximately 33,000 m³. From there, the saline water will be transferred to the SWTP for treatment. The storage capacity is managed to keep the saline pond and stope volumes as low as possible, in order to have enough space for abnormal flow condition or SWTP shutdown.

On August 23, 2018, the Report was distributed for interested parties’ review with a deadline for submissions set at September 13, 2018. On August 13, 2018, comments were provided by Environment and Climate Change Canada (ECCC), and on August 17, 2018, comments were submitted by Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC). On August 26, 2018, Agnico Eagle responded to comments. On October 1, 2018, the ECCC advised the Board that they are satisfied with Agnico Eagle responses. No further submission was provided by CIRNAC.

The Board is satisfied that the Report addresses the requirements of Part D, Item 2 of Licence 2AM-MEL1631, and has approved the Design Report for Saline Water Treatment Plant through Board Motion No. 2018-A1-018, dated October 31, 2018, 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
Director of Technical Services

cc: Distribution List - Meliadine