

File: 2AM-MEA1526 / G1

January 28, 2019

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**Subject:** Modification: Expansion of Baker Lake Fuel Tank Farm;

Licence No. 2AM-MEA1526 Meadowbank Gold Mine Project, Agnico Eagle

**Mines Limited** 

## Dear Ms. Turmel:

On December 21, 2018, the Nunavut Water Board (NWB or Board) received a Notice from Agnico Eagle Mines Limited (Agnico Eagle or Licensee) regarding the expansion of the Baker Lake Fuel Tank Farm as per Part G, Item 1 of the Water Licence 2AM-MEA1526 (Licence), including the following documents:

- Cover letter dated December 21, 2018;
- ➤ Baker Lake Bulk Fuel Storage Facility: Environmental Performance Monitoring Plan, Version 4, August 2018; and
- ➤ Fuel Tank Storage and Containment Facilities Design Report and Drawings.

The request indicates that as a result of ore hauling from the Whale Tail Pit Project to Meadowbank, and the addition of a Power Plant and heating facilities at the Project site, diesel fuel needs have increased and calculations made underestimated the needs. To address the upcoming shortage, Agnico Eagle is proposing to add two (2) 10 million L diesel fuel storage tanks to the Marshalling Area Bulk Fuel Storage Facility in Baker Lake for a total of 80 million litre. We propose to build the proposed infrastructures during the Spring and Summer 2019 (Tank 7) and Spring and Summer of 2020 (Tank 8). Tank 7 will be commissioned during the Summer and Fall of 2019 and Tank 8 will be commissioned during the Summer and Fall of 2020. Engineered drawings and design report can be found enclosed with this application.

The Licensee also states that the Monitoring Program will remain the same with sampling being conducted at station ST-40 in the secondary containment sump of additional tanks (7&8) prior to

discharge or transfer of Effluent. To prevent entry of sediment into water, silt fences and/or straw logs will be installed downstream of the Construction area should runoff be observed. This is in accordance with Water Licence 2AM-MEA1526 Part D items 10-12.

The project was submitted to the Nunavut Planning Commission (NPC) on August 22, 2018. On August 28, 2018, the NPC referred Agnico Eagle to the positive conformity determination dated February 20, 2002 and to the Nunavut Water Board for further steps.

On December 21, 2018, the NWB distributed Agnico Eagle's submission to interested parties for a thirty (30) day review.

On January 21, 2019, the NWB received a correspondence from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), stating that CIRNAC has reviewed the Baker Lake Fuel Tank Farm modification and also engaged the licensee to clarify a couple of minor issues. The licensee did provide the clarity required, thus CIRNAC has no comments at this time.

On January 21, 2019, the Kivalliq Inuit Association (KivIA) requested that Agncio Eagle confirm which location of the "proposed piping for filling tanks and fuel distribution" is correct because of a discrepancy on the location of the "proposed piping for filling tanks and fuel distribution" between Figure 2.2 and engineering drawing 61-740-210-201. The KivIA also requested that Agnico Eagle confirm when the Baker Lake Tank Farm Environmental Performance Monitoring Plan will be updated with the Metal and Diamond Mines Effluent Regulations (MDMER) that come into force between June 1, 2018 and June 1, 2021.

On January 25, 2019, Agnico Eagle responded to KivIA comments, clarifying the location of the "proposed piping for filling tanks and fuel distribution", and indicating that Agnico Eagle will submit to the Board for review, within 90 days of completion of the facility, a revised version of the "Baker Lake Bulk Fuel Storage Facility: Environmental Performance Monitoring Plan" with as-built details. The Licensee also stated that revised MDMER maximum allowed concentrations will come into force on June 1, 2021. A revised version of the "Baker Lake Bulk Fuel Storage Facility: Environmental Performance Monitoring Plan" and including updated section 4 (page 8) will be provided at that time.

On January 25, 2019, the KivIA confirmed that Agnico Eagle's responses address KivIA's questions.

The NWB hereby accepts the Notice of Modification and approves (Motion No. 2018-A1-27) the proposed modification as presented in the December 21, 2018 submission and advises Agnico Eagle to implement the updated Baker Lake Bulk Fuel Storage Facility: Environmental Performance Monitoring Plan, Version 4, August 2018.

The Licensee is also advised that the Board has modified the <u>Definition of "Baker Lake Marshalling Facility" within the Schedule A: Scope, Definitions, and Enforcement</u> as per Part B, Item 18 of the Licence to read:

"Baker Lake Marshalling Facility" means the fuel storage and all associated infrastructure as described in the document entitled "Meadowbank Gold Project - Baker Lake Bulk Fuel Storage Facility: Environmental Performance Monitoring Plan" dated August 2018.

The NWB would like to remind the Licensee about some of the License conditions and requirements that will apply to the proposed modification in addition to Part D Items 10-12,

including:

➤ Part D, Item 13 - The Licensee shall, during the construction of all engineered structures, provide the required supervision and field checks by an appropriately qualified and experienced Engineer in such a manner that the project specification can be enforced and, where required, the quality control measures can be followed. The Licensee shall maintain all construction records of all engineered structures to be made available at the request of the Board and/or an Inspector.

➤ Part G, Item 4 – The Licensee shall provide as-built plans and drawings of the Modifications referred to in this Licence within ninety (90) days of completion of the

Modification. These plans and drawings shall be stamped by an Engineer.

Should you have any questions or require any clarification with respect to the above, please feel free to contact the undersigned via email at Karen.kharatyan@nwb-oen.ca or phone (867) 360-6338 (Ext. 35).

Sincerely,

## NUNAVUT WATER BOARD

Karén Kharatyan **Director of Technical Services** 

Attachment: Comments by CIRNAC and KivIA

Cc: Distribution list - Meadowbank