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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**File: 2AM-DOH1335 / D1  
Notice of Construction**

March 28, 2023

Nancy Duquet Harvey  
Environmental Superintendent  
Agnico Eagle Mines Limited  
765 Chemin de la Mine-Goldex,  
Val-d'Or, Quebec, Canada J9P 7G4

Email: [nancy.harvey@agnicoeagle.com](mailto:nancy.harvey@agnicoeagle.com)

**RE: Licence No: 2AM-DOH1335 Type "A", Doris-Madrid Project; Agnico Eagle Mines Limited; Notice of Construction for Doris Vent Raise and Crown Pillar Surface Water Diversion Infrastructure.**

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Dear Ms. Harvey:

On February 15, 2023, the Nunavut Water Board (NWB or the Board) received a Notification by Agnico Eagle Mines Limited (Agnico Eagle or Licensee) for the construction of surface water diversion infrastructure near the Doris Vent Raise and Crown Pillar Recovery Trench area. This notification is required under the Type "A" Water Licence 2AM-DOH1335 Part D, Item 1.

The construction is expected to take place in a phased approach, where some work will be completed before freshet and some after. In their submission, Agnico Eagle have stated that... *"the purpose of this infrastructure is to mitigate surface water inflows into the underground workings by diverting flows. In previous years, a significant volume of water has been observed to be flowing into the underground mine via the Doris Vent Raise shaft, and via the Doris Crown Pillar Recovery Trench backfill area."*

On February 16, 2023, the NWB distributed the Notice of Construction for a public review, parties were invited to submit comments by March 16, 2023. Crown-Indigenous Relations and Northern Affairs (CIRNA) submitted comments on March 2, 2023. The Kitikmeot Inuit Association (KIA) replied on March 3, 2023 stating that they had no comments at this time.

Agnico Eagle provided responses to CIRNA's questions/comments on March 22, 2023.

On March 28, 2023, CIRNA confirmed that all their concerns have been addressed by Agnico Eagle's response.

Following is a summary of the comments/questions and Licensee's responses.

CIRNA comment/question:

1. Provide more information on how they intend to temporarily manage the water being transported by the water pipeline in the event that the pipe is cut or relocated and details where the existing tailings and the cut pipes is planned to be relocated.

Agnico Eagle's response:

- *"The existing tailings and water pipelines to be relocated are currently inactive, and are expected to be empty. As such, there is no requirement to temporarily manage or relocate actively flowing water (or tailings) within the pipeline. The pipelines will be cut and removed prior to construction, and replaced following the completion of the work."*
- *"Prior to the cutting and removal of the pipelines, AEM will ensure any contributing sources of energy are locked out, and that the pipelines are drained. The pipelines are expected to be empty, but in the event that drainage of residual fluid is necessary, the pipelines may be drained to the nearby emergency catch basin located on the west side of the Doris Creek Bridge."*

2. Clarify where the construction material will be sourced from.

Agnico Eagle's response:

- Agnico Eagle stated that they will use geochemically stable run-of-quarry (ROQ) material sourced from Quarry 2, which is an approved quarry.

3. Clarify where the water will flow or be directed to with the addition of the northern most berm in phase 2.

Agnico Eagle's response:

- Agnico Eagle have stated that... *"Based on the topography data used in the design of the northernmost berm, pooling of surface water redirected by the berm is not expected at this location. The designed location of the berm was chosen such that positive drainage is maintained along the berm alignment. If constructed, the orientation of the berm will be modified during construction to avoid any localized topography that may lead to a risk of pooling water."*
- *"Additionally, this rockfill berm is designed to redirect surface water flows during freshet. Based on materials used in the design of the berm, retention of surface water against the berm for any significant period of time is not expected."*

Copies of all documents received in support of the Notice of Construction can be accessed through the NWB's Public Registry and FTP site using the following Link:

<ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1335%20AEM/3%20TECH/D%20CONST%20%26%20OPER/D1%20Doris%20Vent%20Raise>

*NWB's Review and Decision*

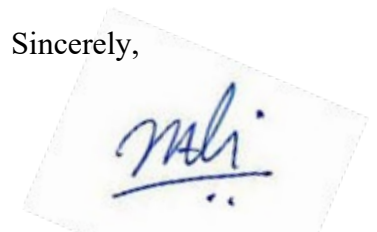
The NWB, having fully reviewed the Licensee's request in the context of potential impact of the proposed activities on the freshwater environment, and consistency of the proposed activity in relation to the scope of the Licence, determined that the proposed installation is consistent with the scope of activities considered under the Licence issued to the Project. Therefore, by way of this correspondence, the Board authorizes Agnico Eagle to undertake the construction of the surface water diversion infrastructure near the Doris Vent Raise and Crown Pillar Recovery Trench area.

Further, in keeping with Part D, Item 11 of the Licence's terms and conditions, the submission of post-construction information, including as-built plans and drawings, shall remain applicable to this authorization. The Board also advises that a Construction Summary Report should be provided as per Licence terms and conditions.

The Licensee is advised that the Board's review 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 Part D, and may proceed in accordance with the design specifics 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 notice of construction and accompanying documents.

Should you have any questions regarding the above, please contact the NWB Licensing Department by email to [licensing@nwb-oen.ca](mailto:licensing@nwb-oen.ca) or by phone at (867) 360-6338.

Sincerely,



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Mohammad Ali Shaikh  
Technical Advisor,  
Nunavut Water Board,

as/rh

Cc: Distribution List – Doris North, Kitikmeot