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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: 2AM-MEL1631/D1

October 05, 2026

Anne-Laurence Paquet
Supervisor – Environmental Compliance
Agnico Eagle Mines Limited – Meliadine Mine
Suite 879, Rankin Inlet, Nunavut
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Email: anne-laurence.paquet@agnicoeagle.com

RE: Type A Water Licence No: 2AM-MEL1631 for the Meliadine Gold Project; Agnico Eagle Mines Limited; Design Report for Waste Rock Storage Facility 3 (WRSF3) Raise

Dear Ms. Paquet:

On August 10, 2026, the Nunavut Water Board (NWB or the Board) received a Design Report (Design Report or Report) from Agnico Eagle Mines Limited (Agnico Eagle or Licensee) titled Waste Rock Storage Facility 3 (WRSF3) Raise Design Report Meliadine Gold Mine, Nunavut, dated August 6, 2026. This notification is required under Part D, Item 1 of the type A Water Licence 2AM-MEL1631.

The design report states that WRSF3 has a design storage capacity of 12.5 Mm^3 and is expected to reach full capacity by the end of 2026, based on the current mine waste production and placement schedule. To accommodate additional waste rock generated from the mining activities at other ore deposits Agnico Eagle is undertaking this design raise for WRSF3 to provide additional storage capacity.

Further, the design report states that "*Thermal analyses were conducted to evaluate the long-term thermal condition of the WRSF3 and its foundation under the adopted design climate change scenario (CMIP6 SSP2-4.5). The results of the thermal analyses were incorporated into the subsequent slope stability analyses and potential long-term creep deformation assessment.*

Limit equilibrium slope stability analyses were conducted along four representative sections to evaluate the calculated factor of safety (FoS) against the established design criteria. The calculated FoS for the WRSF3 raise design meets or exceeds the adopted design criteria and Agnico Eagle's requirements for all loading scenarios.

The results of creep deformation analyses conducted for the TSF design update was referenced to evaluate the potential magnitude of creep deformation for WRSF3 by comparing interpreted subsurface conditions within the footprints of TSF and WRSF3, overall side slopes, and maximum facility height. The modelling results suggest that the maximum horizontal displacement ranges from approximately 0.5 m to approximately 1.5 m over a 100-year analysis period depending on subsurface conditions. WRSF3 would be expected to accommodate this magnitude of deformation without compromising global structural stability or overall functionality."

Potential Acid Generating (PAG) waste rock will be encapsulated within the central portion of WRSF3 to minimize the potential for acid rock drainage and metal leaching. Landfills are proposed within WRSF3 for the disposal of non-salvageable, non-hazardous, and non-putrescible solid waste generated on site. The number and exact locations of landfill cells will be determined during operations.

Seepage and runoff from WRSF3 will not be allowed to directly or indirectly discharge to Meliadine Lake. All seepage and runoff will be collected and pumped into CP1 for treatment prior to discharge into Meliadine Lake.

On August 12, 2026, the NWB distributed the Report for public review. Interested parties were invited to comment until September 2, 2026. The NWB received a submission from Crown-Indigenous Relations and Northern Affairs (CIRNA).

Agnico Eagle provided responses to CIRNA's submission on September 18, 2026. On September 25, 2026, CIRNA confirmed that their concerns were addressed by Agnico Eagle's responses.

Following is a summary of the submissions and the Licensee's responses.

<u>CIRNA comment/question:</u>

1. CIRNA requested clarification regarding a discrepancy in the type of material in to be placed in WRSF3 in 2031 and, confirmation that the waste rock to be placed in 2031 will be sufficient to create a 5-m thick cover of all overburden placed the same year.

   Response: Agnico Eagle responded that the mine plan provided in the design report appendices was an older version and provided a newer version. Further, Agnico Eagle stated that *"The mine plan is updated regularly based on onsite and economic conditions. The difference between the actual placement schedule in operation and assumed placement schedule in the thermal modelling is not expected to have impact on the long-term performance of WRSF3. The design identifies areas designated for waste rock placement and areas designated for either waste rock or overburden placement. Overburden will only be placed within areas explicitly identified for its placement. Waste rock is the only material specified for the top lift and side slopes of the facility; therefore, only waste rock will be placed in these areas. Based on the design storage curve of WRSF3 and mine waste production quantities, Agnico Eagle confirmed that there will be sufficient waste rock to maintain the minimum 5.0 m cover on top of the last overburden bench placed in 2031."*

2. CIRNA requested an explanation why mitigation measures to prevent long-term creep deformation are not proposed for WRSF3, and if necessary, include such measures in their plans.

   Response: Agnico Eagle stated that the rationales for why no mitigation measures proposed for WRSF3 are described in Section 5.5 of the Design Report. The design report states that *"the potential long-term creep deformation at WRSF3 is expected to remain within the adopted deformation acceptance criterion of approximately 3% of the maximum facility height. Even under the conservative estimate of up to approximately 1.5 m of horizontal displacement, WRSF3 would be expected to accommodate this magnitude of deformation without compromising global structural stability or overall functionality."*

3. CIRNA recommended that Agnico Eagle use climate model predictions from several plausible emission scenarios to better describe effects of climate change on proposed infrastructure.

   Response: Agnico Eagle stated that *"Based on historical Rankin Inlet data, the CMIP6 SSP2-4.5 climate change scenario used for the WRSF3 design is representative of the current climate change trend. Moreover, the long-term performance of WRSF3 does not rely on the permafrost and is not sensitive to climate change. A fully thawed case was assessed during the design and meets the performance criteria.*

   Agnico Eagle will consider incorporating multiple climate change scenarios into the design of future infrastructure where long-term performance may be affected by climate change."

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

Design Report – Waste Rock Storage Facility 3 (WRSF3) Raise

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 construction 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 Waste Rock Storage Facility design raise.

Further, in keeping with Part D, Item 3 and 4 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 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 or by phone at (867) 360-6338.

Sincerely,



Mohammad Ali Shaikh
Technical Advisor,
Nunavut Water Board

as/rqd

Cc: Distribution List – Meliadine, Kivalliq