



August 27, 2020

Karén Kharatyan  
Director of Technical Services  
Nunavut Water Board  
P.O. Box 119  
Gjpa Haven, NU X0B 1L0

**RE: Application for Amendment to 2AM-MEL1631**

Dear Mr. Kharatyan,

Agnico Eagle Mines Limited (**Agnico Eagle**) is pleased to enclose its Application for Amendment to 2AM-MEL1631 (the **Application**). The Application includes this cover letter and additional items as follows.

- NWB Application for Water Licence Amendment Form;
- Type A Water Licence 2AM-MEL1631 Amendment (Main Document), including:
  - Appendix A – Water Balance and Water Quality Forecast
  - Appendix B – Water Quality Management and Optimization Plan
  - Appendix C – Water Management Plan
  - Appendix D – Mine Waste Management Plan
  - Appendix E – Prefeasibility Level Design WRSF3 & Water Management Infrastructure
  - Appendix F – Road Drawings
  - Appendix G – Security
  - Appendix H – Impact Assessment of the Diversion of Site Runoff to Melvin Bay on the Flow and Water Level Regimes of Meliadine Lake
  - Appendix I – Supplement Information Guideline (SIG)
  - Appendix J – NPC Conformity Determinations

The Application requests approval of certain changes to mine infrastructure to support ongoing operations, including mining of the Discovery, Pump, Fzone, WES-NORMEG deposits that were included in the FEIS (Agnico Eagle 2014), but were not part of previous water licence applications. Current reclamation security will need to be increased by \$7.4 million to account for new and revised infrastructure. As set out in the enclosed materials, water consumption will be increased to a total of 741,706m<sup>3</sup> per year during operations.

The Application also proposes to revise the current total dissolved solids (**TDS**) discharge criteria set out at Part F, Item 3 of the Type A Water Licence 2AM-MEL1631. Phase 3 of the Water Quality Management and Optimization Plan Rev. 2 will provide supporting rationale for revising the maximum average concentration (**MAC**) and maximum grab concentration (**MGC**) for discharge from CP1 (i.e., effluent quality criteria) for TDS to Meliadine Lake; and the benchmark TDS concentration to be achieved at the



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edge of the mixing zone in Meliadine Lake, which would also be consistent with the site-specific water quality objective for longer-term management of the receiving environment of Meliadine Lake.

Agnico Eagle looks forward to the NWB's consideration of the Application and to full participation in the NWB's formal amendment process over the coming months, which we anticipate will include opportunities for comment by parties and the public as well as community members, technical meetings, final submissions and public hearings. As indicated in the Application, Agnico Eagle is requesting that if approved, the amended Type A Water Licence 2AM-MEL1631 would be issued by May 2021, in time for the 2021 freshet season.

Should you have any questions regarding this letter or the enclosed materials, please do not hesitate to contact the undersigned.

Sincerely,

Jamie Quesnel  
Regional Manager – Permitting and Regulatory Affairs  
Agnico Eagle Mines Limited