

January 13, 2023

NWB File No.: 2AM-MEL1631

Karén Kharatyan  
Nunavut Water Board  
P.O. Box 1360  
Cambridge Bay, NU X0B 0C0

**Re: Amendment to Water Licence 2AM-MEL1631 – “Meliadine Extension” Proposal**

Dear Mr. Kharatyan:

Agnico Eagle Mines Limited (Agnico Eagle) currently operates the Meliadine Mine in accordance with Nunavut Impact Review Board (NIRB) Project Certificate No.006 (the Project Certificate) and Nunavut Water Board (NWB) Type A Water Licence 2AM-MEL1631, as well as other key regulatory approvals and Inuit agreements. Agnico Eagle is proposing to add the following activities to the current 2AM-MEL1631 Water Licence scope:

- open pit mining at Pump, Wesmeg, F Zone, and Discovery deposits and construction/operation of associated infrastructure (approved under Project Certificate);
- underground mining and associated saline water management infrastructures at the Pump, F Zone, and Discovery, which will result in an extension of the operation phase of the Meliadine Mine by an additional 11 years to 2043;
- development of a portal and associated infrastructure in the Tiriganiaq-Wolf mining area to improve access to and expand the existing Tiriganiaq underground mine;
- construction and operation of a windfarm to reduce greenhouse gas emissions;
- use of additional borrow pits and quarries to replace depleted sources and build a road to the windfarm, Tiriganiaq-Wolf mining area, road to Discovery, and other deposits; and
- as an option for the future, use of exhausted pits to store tailings or waste rock to complement the current waste management strategy.

Collectively, this Application is referred to in the enclosed materials as the “Meliadine Extension”. Attachment A provides a summary of documents submitted to support the Meliadine Extension Water Licence Amendment.

As per its determination of April 1, 2022, the Nunavut Planning Commission (NPC) has confirmed that the Meliadine Extension components are in conformity with the applicable land use planning requirements (NPC File #149743). Subsequently, Agnico Eagle submitted a Final Environmental Impact Statement (FEIS) Addendum to the NIRB on July 26, 2022 and is currently in the Technical Review stage of the NIRB process.

Agnico Eagle is of the opinion that a vast majority of the components of the Meliadine Extension were previously assessed (2014) and approved (2015) by the NIRB and are generally focused on items relating to management of water and waste, thus subject to more detailed focus at the NWB Type A Water Licence Amendment phase.

The Meliadine Extension triggers amendments to Water Licence 2AM-MEL1631 due to the need for an extension of the current expiry date to align with the new mine life, including the scope of the Water Licence, and the changes to water and waste management. For this reason, Agnico Eagle requests a “staggered” (or partially) coordinated regulatory process between the NWB and NIRB. This approach would see any required NIRB process proceed partially in parallel with the process to amend Water Licence 2AM-MEL1631.

Agnico Eagle has ensured the operation and closure strategies for the Meliadine Extension are consistent with the approved Meliadine Mine and securities for the extension will be determined by the NWB in consultation with Agnico Eagle, Crown Indigenous Relations and Northern Affairs Canada, and Kivalliq Inuit Association and posted in accordance with Type A Water Licence 2AM-MEL1631.

Agnico Eagle will work with NWB and NIRB to support a regulatory process which will optimize the coordinated process schedule and timelines, applying lessons learned from previous coordinated files, while allowing for adequate time for participant review and comment.

## **Conclusion**

It is Agnico Eagle’s view that the proposed activities should be permitted to proceed in a timely way to support extension of the Meliadine Mine.

Should you have any questions or require further information, please contact the undersigned at your convenience.

Regards,



Jamie Quesnel  
[Jamie.quesnel@agnicoeagle.com](mailto:Jamie.quesnel@agnicoeagle.com)  
Director - Permitting & Regulatory Affairs

## **Attachment A: Documents Submitted for Meliadine Extension Water Licence Amendment**

### **Main Documents**

230113 2AM-MEL1631 MeliadineExtension-WLAmendment-ApplicationForm  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment-MainApplicationDocument  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppA-SIG  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppB-NPC  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppC-ConsultationLogs

### **Design Details**

230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppD1-PFSWaterInfra  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppD2-StabilityAnalysesTSF  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppD3-StabilityEvaluationWRSF

### **Technical Studies**

230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppE1-GeotechInvest  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppE2-ThermalDiscoWRSF  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppE3-Thermal2022Rpt  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppE4-HydrgeologyOpsRpt  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppE5-HydrgeologyClosureRpt  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppE6-HydrogeoExistingConditions  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppE7-Westbay2021GWProgram

### **Management and Monitoring Plans**

230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF01-AdaptiveMgmtPlan-v2\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF02-AmmoniaMgmtPlan-v4\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF03-AEMP  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF04-ARD-ML Sampling and Testing Plan-v1\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF05-BorrowQuarriesMgmtPlan-v7\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF06-BulkFuelStorageFacilityMgmtPlan-v2\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF07-DustMgmtPlan-v7\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF08-EnviroMgmtProtectionPlan-v10\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF09-HazardousMtlMgmtPlan-v6\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF10-IncinerationMgmtPlan-v7\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF11-ItiviaBulkFuelStorageFacilityMgmtPlan-v2\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF12-ICRP  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF13-LandfarmMgmtPlan-v4\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF14-LandfillWasteMgmtPlan-v8\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF15-MineWasteMgmtPlan-v9\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF16-OreStorageMgmtPlan-v4\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF17-QAQCPlan-v4\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF18-RiskMgmtEmergRespPlan-v5\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF19-RoadMgmtPlan-v9\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF20-SpillContingencyPlan-v13\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF21-WaterMgmtPlan-v12\_NWB  
230113 2AM-MEL1631 MeliadineExtension-WLAmendment\_AppF22-FishOffsettingPlan\_NWB