

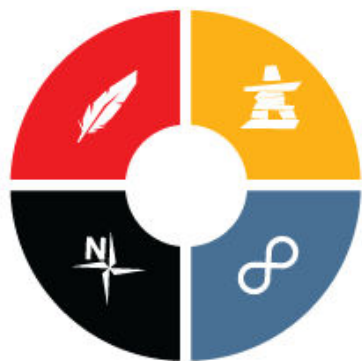


Crown-Indigenous Relations  
and Northern Affairs Canada

Relations Couronne-Autochtones  
et Affaires du Nord Canada

# **Agnico Eagle Mines Limited's Amendment Application for Type "A" Water Licence 2AM-MEL1631**

**Nunavut Water Board Technical Meeting  
Rankin Intel, June 05-06, 2024**



Canada



# Presentation Outline

- Role and Responsibilities
- Contributions to the Water Licence Application Review
- Technical Review Comments
- Summary of Next Steps
- Conclusion





# Roles and Responsibilities

Crown-Indigenous Relations and Northern Affairs Canada's (CIRNAC) responsibilities, mandate, and obligations are in alignment with the following:

- *Crown-Indigenous Relations and Northern Affairs Act*
- Nunavut Agreement
- *Nunavut Land Claims Agreement Act*
- *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the associated regulations
- *Nunavut Planning and Project Assessment Act*
- *Territorial Lands Act* and the associated regulations
- *Arctic Waters Pollution Prevention Act*





# Contributions to Water Licence Application Review

CIRNAC made the following submissions to the Nunavut Water Board regarding the amendment application for Type “A” Water Licence 2AM-MEL1631 by Agnico Eagle Mines Limited:

- Comments on Completeness Check and Information Request for the Amendment Application of Type “A” Water Licence 2AM-MEL1631: **February 16, 2024, and March 13, 2024**
- Technical Review Comments for the Amendment Application of Type “A” Water Licence 2AM-MEL1631: **April 26, 2024**





# Technical Review Comments

## 1. Adaptive Management Plan –Including it into the Licence

(R-01) CIRNAC recommends that the NWB review and, as appropriate, set the conditions or terms for approval of the Adaptive Management Plan during the course of the current water licence amendment process.

**Status: Resolved**





# Technical Review Comments

## 2. Adaptive Management Plan Revisions

(R-03) CIRNAC recommends revisions to the submitted version of the Adaptive Management Plan and seeks clarification on the proposed additional guiding Principles.

**Status: Unresolved**





# Technical Review Comments

## 3. Minimizing Discharge to Meliadine Lake

(R-02) CIRNAC recommends that Agnico Eagle confirms the waterline has sufficient capacity to minimize or eliminate discharges to Meliadine Lake, implement additional mitigation measures if needed, and ensure there will be no saline water discharge to Meliadine Lake under any circumstances.

**Status: Unresolved**





# Technical Review Comments

## 4. Storage of Saline Water in Lake B7

(R-04) CIRNAC recommends that Agnico Eagle Agnico provide a qualitative technical memo describing the potential environmental interactions between SP6 and the environment during operations and propose appropriate mitigations for potential adverse impacts.

**Status: Resolved**





# Technical Review Comments

## 5. Water Quality Predictions

(R-05) CIRNAC recommends that Agnico Eagle compare the current water quality prediction to prior predictions. Also, specify the accuracy of the predictions, the steps to mitigate the predicted exceedances, and how the predicted exceedances and uncertainty would influence post-closure monitoring.

**Status: Resolved**





# Technical Review Comments

## 6. Clarification

(R-06) CIRNAC recommends that Agnico Eagle reconcile the differences in the predicted groundwater inflow rates and between ore and tailings production rates. Also, confirm that freshwater milling requirements of 652,000 m<sup>3</sup>/yr are adequate for the total annual ore milling requirements to 2031.

**Status: Partially Resolved**





## Status of Technical Review Recommendations

	Resolved	Partially-Resolved	Unresolved
R-01	X		
R-02			X
R-03			X
R-04	X		
R-05	X		
R-06		X	





# Conclusion

CIRNAC will continue to work through the water licence application review process with the aim of protecting Nunavut's inland water resources while promoting sustainable development.



A photograph of a rocky, dark landscape with small pink flowers growing from the crevices. The text "Qujannamiik Thank you Merci ᑭᓄᓐᓇᕐ" is overlaid in yellow.