

DATE: December 16, 2025

SUBJECT: KIA comments on Design Report for CP8, CP8 Thermal Berm, Channel 13, Channel 14, B7 North Thermal Berm and B7 West Thermal Berm, Meliadine Gold Mine. Water Licence 2AM-MEL1631.

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Arviat

Dear Mr. Dwyer,

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**Baker Lake** 

The KIA has reviewed the Design Report for CP8, CP8 Thermal Berm, Channel 13, Channel 14 and has the following comments:

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Chesterfield Inlet

In the Adaptive Management Plan, contact water collected in CP3, CP4, and CP5, is 1) prioritized to the saline management system for discharge to Itivia Harbour. CP8 will be used to collect runoff from the TSF expansion, and it is expected that, once tailings deposition begins, quality of the collected water will be similar to that of CP3. Once tailings deposition in the expanded TSF begins, CP8 should also be prioritized for discharge to Itivia Harbour.

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Coral Harbour

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Rankin Inlet

Ubdital

Whale Cove

2) Section 5.5 (pages 15 and 16): The required pond storage capacity for CP8 is 64,000 m<sup>3</sup>. The design storage capacity for CP8 is 69,823 m<sup>3</sup>1, which it states "provides 10% of the contingent storage capacity under Inflow Design Flood (IDF)." However, the current design storage capacity only provides 8% contingent storage capacity. The KivIA requests that AEM provide an explanation on any design changes required to meet the 10% contingent storage capacity.

Section 5.8 (page 17): There is an "Open Talik" beneath Lake B7. The KivIA requests that 3) AEM provide an updated Figure 3 which shows the location of the Open Talik relative to all the proposed infrastructure. In addition, the KivIA requests that AEM provide comments on any potential impact of saline groundwater related to the Open Talik on the proposed B7 West, B7 North and CP8 thermal berms.

Thank you for the opportunity to participate in this review.

Sincerely,

s Manzo

Director of Lands

**Kivalliq Inuit Association** 





