



November 8, 2022

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**Re: Agnico Response to KIA Follow-up Comments regarding Water License 2AM-DOH1335  
– Conditions Applying to Construction and Operation – Construction of 2022 Interim Dike**

Agnico Eagle Mines Ltd. (Agnico) is providing this letter in response to a follow-up comment received from Kitikmeot Inuit Association (KIA) on November 8<sup>th</sup>, 2022, following the KIA's initial comments and Agnico's responses provided on October 28<sup>th</sup>, 2022. Agnico's response to the follow-up comment is detailed below:

**1. KIA COMMENT**

Subject: Saline water management

KIA Follow-up Comment:

The KIA has reviewed AEM's responses to our comments on the TIA Interim dike and our geotechnical engineer would like AEM to simply confirm that the saline mine water would be retained in the TIA downstream of the interim dike and the water upstream of the dike is limited to the antecedent run-off. This is unclear in their documentation (report or response).

Response to KIA Follow-Up Comment:

To address the comment of the KIA's geotechnical engineer: the temporary saline mine water storage cell will be upstream of the Interim Dike.

As stated in the AEM's response to KIA comments on October 28<sup>th</sup>, 2022, the purpose of the Interim Dike is to create a temporary storage cell for saline underground mine water (KIA-NWB-1).

Section 1.1 of the 2022 Interim Dike design report implies that the Interim Dike is intended be a more robustly engineered, but still temporary, update to the currently functioning Aquadam. Similar to the Aquadam, the Interim Dike will maintain the temporary saline mine water storage cell upstream of the structure, between the interim dike and the South Dam.



As stated in Section 3.2 of the 2022 Interim Dike design report and AEMs response to initial comments from the KIA (KIA-NWB-4), potential impacts to the South Dam were considered during the design of the Interim Dike. The operational beach length requirements will be maintained by controlling the water elevation within the saline storage cell, achieved through the construction of an overflow channel with the invert elevation fixed to maintain the required beach length.

Should you have any questions please feel free to contact me at [Brennan.jay@agnicoeagle.com](mailto:Brennan.jay@agnicoeagle.com)

Sincerely,

Brennan Jay – Geotechnical EIT, Agnico Eagle Mines – Hope Bay Mine

Cc:  
Licencing (NWB)