



To: Richard Dwyer **Nunavut Water Board** 

From: Luis Manzo, Director of Lands, Kivalliq Inuit Association

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Arviat Date: August 11, 2022

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The KIA has reviewed the 2021 Meadowbank and Whale Tail Annual Report (2AM-MEA1530 and 2AM-WTP1830) and have the following comments on water quality:

 $\Delta_{r}$ Chesterfield Inlet

Meadowbank Complex 2021 Annual Report

Comment No. KivIA 14: STP Chemistry

Reference: S 8.5.4.2, Agnico Eagle's response to Meadowbank (2AM-MEA1530) and Whale Tail (2AM-WTP1830) 2020 Annual Report comments

Comment: In regards to phosphorus removal efficiency at the Whale Tail STP, Agnico Eagle commented that they would be switching to Re300 for greater effectivity. However, the 2021 Annual Report refers to refitting the treatment plant with larger lines for greater Alum dosing.

Recommendation: Should higher levels of Alum dosing prove insufficient for phosphorus removal, please reconsider the Re300 chemistry.

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Harbour

Coral

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NP544016 Whale Cove Appendix 33: Meadowbank and Whale Tail 2021 Core Receiving Environment Monitoring Program Report

Comment No. KivIA 16: 2022 CREMP Activities

Reference: Appendix 33, S 5.3 Water Chemistry, S 7.2 Whale Tail

Comment: Nutrient loading continues to be observed through trigger exceedances at Whale Tail, Mammoth and A20, and lower under ice dissolved oxygen levels are observed at Mammoth and Whale Tail relative to control lakes.

Recommendation: The KivlA supports the CREMP recommendation that the full CREMP program is conducted at Whale Tail for 2022, including monthly through-ice limnology profiles at MAM, WTS, and NEM.











The KIA appreciates the opportunity to provide comments on the 2021 Annual Report for the Meadowbank and Whale Tail Gold Project. Please contact Luis Manzo, Director of Lands, should you require more information.

Regards,

Luis Manzo P, Ag. **Director of Lands** 

**Kivalliq Inuit Association** 

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