



Water Resources Division  
Nunavut Regional Office  
Iqaluit, NU X0A 0H0

Your file - Votre référence  
2AM-WTP1826

August 20, 2019

Our file - Notre référence  
CIDM# 1259449

Richard Dwyer  
Manager of Licensing  
Nunavut Water Board  
Gjoa Haven, NU X0B 1J0

Sent via email: [licensing@nwb-oen.ca](mailto:licensing@nwb-oen.ca)

**Re: Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)  
comments on Agnico Eagle Mines Limited's (AEM's) South Whale Tail  
diversion Channel Design Report – Whale Tail Pit Project under AEM's Type  
“A” Water Licence No. 2AM-WTP1826.**

Dear Mr. Dwyer,

Thank you for the email notice to interested parties, received on July 26, 2019, regarding AEM's South Whale Tail Diversion Channel Design Report at the Whale Tail Pit Project.

CIRNAC has reviewed and provided comment on AEM's East Diversion Channel Design Report pursuant to its mandated responsibilities from the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

If you have any questions or require further information with respect to this matter, contact me at (867) 222-9278 or email [ian.parsons@canada.ca](mailto:ian.parsons@canada.ca), or Godwin Okonkwo at (867) 975-4550 or email [godwin.okonkwo@canada.ca](mailto:godwin.okonkwo@canada.ca).

Regards,

Ian Parsons  
Regional Coordinator, Water Resources, Nunavut Regional Office



## **Technical Review Memorandum**

To: Richard Dwyer, Manager of Licensing, NWB

From: Ian Parsons, Regional Coordinator, Water Resources Division – CIRNAC, NRO

Date: August 20, 2019

Re: **Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) comments on Agnico Eagle Mines Limited's (AEM's) South Whale Tail diversion Channel Design Report – Whale Tail Pit Project under AEM's Type "A" Water Licence No. 2AM-WTP1826.**

Applicant:	Agnico Eagle Mines Limited
Representative:	Manon Turmel
Project:	Whale Tail Project
Region:	Kivalliq

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### **RESULTS OF REVIEW**

Comments and recommendations are provided by CIRNAC, pursuant to the Department's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

#### **Comments/Recommendations**

##### **#1: Peak Flow and TSS or Sediment Control**

**Comment:** Surface water quality can be significantly affected by soil erosion and high concentration of Total Suspended Solids (TSS) or sediments in water during freshet or heavy rain events. CIRNAC could not find clear information on erosion and TSS controls being provided in the design report.

CIRNAC acknowledges that AEM has referenced the Water Management and Water Quality plans in the design report to find the information, however for ease in reviewing the documents all applicable documentation should be incorporated into one document, rather than looking through other documents to find the applicable information.



**Recommendation:** CIRNAC recommends that AEM consider adding and explaining the erosion and TSS controls in the design report.