



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

*Your file - Votre référence*  
2AM-WTP1826

March 22, 2019

*Our file - Notre référence*  
CIDM# 1245113

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) Attenuation Pond  
Ramp 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 February 22, 2019, regarding AEM's Attenuation Pond Ramp Design Report at the Whale Tail Pit Project.

CIRNAC reviewed and provided comment on AEM's Attenuation Pond Ramp 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

Canada



## **Technical Review Memorandum**

To: Richard Dwyer, Manager of Licensing, NWB

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

Date: March 22, 2019

Re: **Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)  
comments on Agnico Eagle Mines Limited's (AEM's) Attenuation Pond  
Ramp 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 Water Resources Division, 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*.

- 1) **Comment:** It is not clear to us whether or not the "Green" portion of the access ramp as indicated on the 3D-Model figure (refer to Drawing # 61-695-230-200) is part of the new construction.

**Recommendation:** Similarly to cross-sections BB and CC, a cross-section needs to be provided to show details of the indicated area of the ramp.

- 2) **Comment:** The design plan is lacking details that CIRNAC believes should be included in the design report if it is to be reviewed effectively and approved. These details include: What is the heaviest haulage vehicle considered for the design and what are the compaction techniques anticipated for this type of work?

CIRNAC has three recommendations pertaining to Comment number 2.

**Canada**



**Recommendation: a)** The proponent is to present and explain further the site-specific design rational supporting the selection of 0-3/4" aggregate with a 200mm thickness for the ramp top layer.

**Recommendation: b)** A clear description of the methodology adopted for heavy equipment passes to compact the rockfill material.

**Recommendation c)** The proponent is to provide "Construction methods and procedures" outlining how infrastructure will be put in place.

- 3) **Comment:** There was no information on how the material to be used (non-acid generating and non-metal leaching), will be adequately segregated from acid generating and metal leaching waste rock material.

**Recommendation:** The proponent should clarify the appropriate measures in place to ensure that no other waste rock material other than non-acid generating (NAG) and non-metal leaching Run-of-Mine (ROM) waste rock obtained from the development of Whale Tail Pit will be used as construction material.