



Water Resources Division
Resource Management Directorate
Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

Your file - Votre référence
2AM-MEL1631
Our file - Notre référence
GCdocs #102458444

April 26, 2022

Mr. Richard Dwyer
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0B 1J0
sent via e-mail: licensing@nwb-oen.ca

Re: Crown-Indigenous Relations and Northern Affairs Canada's (CIRNAC's) Reply to Agnico Eagle Mines' (AEM's) Response on Meliadine Mine Design Reports and Operation and Maintenance Manual for Type "A" Water Licence No. 2AM-MEL1631

Dear Mr. Dwyer,

Thank you for your April 20, 2022 invitation to reply to AEM's response to CIRNAC's Review comments on the Meliadine Mine Design Reports and Operation and Maintenance Manual for Type "A" Water Licence No. 2AM-MEL1631

1. CIRNAC-01: Key design considerations

(R-01): CIRNAC recommends that, AEM put in place a water collection system as part of the key design considerations; to more precisely direct surface runoff water from the ore stockpiles or pad to the CP1 containment area on a long-term basis.

AEM's Response: Agnico Eagle understands the concern with respect to the wording included in the design report. To clarify, Ore Pad Storage Stage 2 will be located directly upgradient of Channel 1 and Culvert 3. Thus, runoff from the ore pad will be directed to CP1 via Channel 1 and/or Culvert 3. Channel 1 and Culvert 3 are both monitored and maintained to ensure function as per the Water Management Plan and will continue to be managed in this way over life of mine.

CIRNAC is satisfied with AEM's response. Recommendation-01 is resolved.



2. CIRNAC-02: Volume of Sludge from SETP-WTC and EWTP-WTC

(R-02): CIRNAC recommends that AEM maintain records of sludge produced in the SETP-WTC and EWTP-WTC system by tracking daily/monthly/yearly volumes before it is stored in the sludge tank and report this information in its Annual Reports.

AEM's Response: AEM will maintain records of sludge produced in the SETP-WTC and EWTP-WTC and will report this information in future annual reports.

CIRNAC is satisfied with AEM's response with the commitment to maintaining records of sludge produced in the SETP-WTC and EWTP-WTC and report this information in future Annual Reports. Recommendation-02 is resolved.

3. CIRNAC-03: Designation codes

(R-03): CIRNAC recommends that AEM provide information on the location(s) of the saline water storages and pre-mixing pond designated for storage of saline water before treatment in the Meliadine mine site map, along with their specific identification codes and report this information in its Annual Reports.

AEM's Response: The saline contact water storages are mainly Tiri2 pit and SP1 or other location stated in the Water Management Plan. Tiri2 is intended to be the main reservoir of saline water and SP1 is intended to be the premixing pond if the in line feeding of saline and surface contact water is not in operation; however, these locations may change with future water management plans and mine plans. The figure below presents the location of SP1 and Tiri2 pit. The location of the saline storage and premixing pond, if in use, will be reported in the annual report every year.

CIRNAC is satisfied with AEM's response with the commitment to reporting locations of the saline storage and pre-mixing pond, if in use, in yearly Annual Reports. Recommendation-03 is resolved.

CIRNAC appreciates the opportunity to participate in this review. If there are any questions, please contact John Onita at john.onita@rcaanc-cirnac.gc.ca; or (867) 975-3876 or Andrew Keim at (867) 975-4550 or andrew.keim@rcaanc-cirnac.gc.ca

Sincerely,

John Onita
Regional Water Coordinator