



May 29<sup>th</sup>, 2020

Richard Dwyer  
Manager of Licensing  
Nunavut Water Board  
P.O Box 119  
Gjoa Haven, NU X0B 1J0

**Re: Agnico Eagle Mines – Whale Tail Project Responses to WRSF Instrumentation Design Report Comments**

Dear Mr. Dwyer,

As requested, the following responses are intended to address the comments made in the below letter:

- KivIA – May 21<sup>st</sup>, 2020, Whale Tail 60-day Notice for WRSF – Appendix B Instrumentation

Should you have any questions or require further information, please do not hesitate to contact us.

Best regards,

Marie-Pier Marcil  
[Marie-pier.marcil@agnicoeagle.com](mailto:Marie-pier.marcil@agnicoeagle.com)  
819-759-3555 x 4105836  
Senior Compliance Technician



## **1 Kivalliq Inuit Association (KivIA)**

### **1.1 Drawing number 948-011-002: Whale Tail WRSF Monitoring Section Details**

**Comment 1:** The thickness of overburden within the initial 11.8 metres of the Whale Tail WRSF has not been documented on this plan.

**Recommendation 1:** The KivIA requests that AEM produce an updated plan that shows the thickness of the overburden within the initial 11.8 metres of the Whale Tail WRSF. In addition, the KivIA requests that AEM comment on the impact(s) of the overburden depths on the installation of the 15 metre deep thermistor strings within the bedrock foundation

**Agnico Eagle's Response:**

*The overburden is expected to be in permafrost condition with a 2 m active layer. The overburden thickness is variable and is expected to be around 2-3 m at the location of the vertical instrument. If thicker overburden is encountered during the installation, the string length will be extended so that at least the upper 5 m of bedrock is instrumented.*

*Agnico has experience at Meadowbank and Whale Tail in installing thermistor string in similar condition over various thicknesses of overburden. The overburden thickness is not expected to impact the instrument installation.*

*The overburden thickness encountered during the installation of the instruments will be documented in the construction summary report.*

### **1.2 Drawing number 948-011-005: IVR WRSF Monitoring Details**

**Comment 2:** The thickness of overburden within the initial lift the IVR WRSF has not been documented on this plan.

**Recommendation 2:** The KivIA requests that AEM produce an updated plan that shows the thickness of the overburden within the initial lift of the IVR WRSF. In addition, the KivIA requests that AEM comment on the impact(s) of the overburden depths on the installation of the vertical and horizontal thermistor strings within the WRSF.

**Agnico Eagle's Response:**

*See response to recommendation 1.*