

November 7th, 2024

Kyle Amsel
Resource Management Officer
Kivalliq Region, Field Operations Unit
Crown-Indigenous Relations and Northern Affairs Canada
Rankin Inlet, NU
X0C 0G0

Sent via email: kyle.amsel@rcaanc-cirnac.gc.ca

Re: Follow-up Report Spill #2025-408 – Release of 100 L of Effluent Water Treatment Plant Sludge at the Meliadine Gold Project

On October 8th, 2025, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 100 L of Effluent Water Treatment Plant (EWTP) Sludge at the Meliadine Gold Project site (spill location coordinates: 63° 1' 49.33" N, 92°12' 27.51" W). This follow-up report provides supplemental information based on the results of the incident assessment and is being provided in accordance with:

- Nunavut Water Board 2AM-MEL1631 Water Licence (the Licence), Part H, Item 8c.

Description of Incident

On October 8th, 2025, at approximately 1:30AM, it was noted during an inspection of the EWTP to TIRI02 sludge line that sludge was leaking from a hugger, releasing approximately 100 L of EWTP sludge onto the ground at the southern toe of CP1.

The spill occurred within the site's contact water management system, and as such, no water bodies were impacted by the spill. The closest natural water body, Lake H5, is approximately 220 meters northeast, as seen in Figure 1.



Figure 1: Location of the spill and proximity to waterbodies.

Response and Remediation

Upon discovering the spill, the Energy and Infrastructure (E&I) employee contacted the EWTP operator and had the sludge line immediately shut down and locked out to prevent further leakage. The spilled EWTP sludge naturally made its way back into CP1 as the spill occurred on a downward slope facing CP1, and as such, no clean-up was required. The sludge line was repaired and put back into service. The Environment department was notified by the E&I supervisor once the dayshift began.

Root Cause and Corrective Measures

An assessment was conducted soon after the incident to determine the root cause and contributing factors. The assessment concluded with the following:






- The hugger loosened due to strain on the line and contraction of the HDPE in the winter, resulting in a slow leak.

The following corrective and preventative actions have been implemented to address the root cause and to reduce the likelihood of reoccurrence:

- The line will be fused next open water season to limit the use of huggers.

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



Randy Schwandt | Environment Coordinator
randy.schwandt@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut,
Canada X0C 0G0
agnicoeagle.com     
Sent from Meliadine

Appendix A – Photos



Photo 1: Location of the spill.