

July 4th, 2025

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Re: Follow-up Report Spill #2025-249 – Release of 200 L of Process water at the Meliadine Gold Project

On June 7th, 2025, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of an overflow of approximately 200 L of Process water coming from the Process Plant at the Meliadine Gold Project site (spill location coordinates: 63° 2'11.60"N, 92°13'31.42"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 June 6th, 2025, at approximately 2:00 PM, 200 L of Process water was released onto the industrial pad, at the south yard of the Process Plant. During a mill shutdown, process water was added to the Vertimill to clean it. During the cleaning process, the sump pump that was controlling the water level inside the Vertimill failed due to a power outage. The Vertimill then began overflowing inside the Process Plant. The garage door leading to the south yard was left open and some of the process water escaped the building, resulting in the spill.

The spill occurred within the bounds of the site's runoff collection system, and as such, no water bodies were impacted by the spill. The closest water body (Lake G2) is approximately 650 meters northwest, as seen in Figure 1.



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

Response and Remediation

When a Process Plant operator noticed the overflow and spill, they immediately notified their supervisor and stopped the flow of process water going into the Vertimill, which in turn stopped the spill. The ground surface outside of the Process Plant south yard garage door was scrapped and collected to be reintroduced into the mill feed. The water inside the Process Plant was recovered and reintroduced into the system through the sump.

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:






- A power outage occurred during the Vertimill cleaning operation. This caused the Vertimill sump pump to fail and the water to overflow from the Vertimill, eventually spilling outside the south garage door.

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

- The Process Plant department will update their procedure to include closing the garage door and installing small berms at the bottom of the garage door and the man doors when cleaning the Vertimill.
- An operator will also have to be present in the vicinity anytime maintenance operation on the Vertimill is occurring to operate a diesel pump if needed.

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



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Appendix A – Photos



Photo 1: Spill location



Photo 2: Spill remediation