

September 1, 2025

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**Re: Follow-up Reports Spill #2025-315 and #2025-317 – Release of 50 L of Process Plant slurry at the Meliadine Gold Project**

On August 2<sup>nd</sup> and 3<sup>rd</sup>, 2025, the Nunavut Spill Line was notified by Agnico Eagle personnel via emails ([spills@gov.nt.ca](mailto:spills@gov.nt.ca)) of 2 consecutive spills of approximately 25 L of Process Plant slurry (spills location coordinates: 63°2'11.49"N, 92°13'32.04"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 August 2<sup>nd</sup>, 2025, at approximately 3:30AM and 7:00PM, water used in the cyclone for primary grinding at the Process Plant started accumulating in the Plant and eventually made its way outside through the garage door and the man door on the south side of the Plant. This resulted in two release events of approximately 25 L of slurry onto the industrial pad.

The spill occurred within the bounds of the site's runoff collection system; no water bodies being impacted or at risk of being impacted by the spill. The closest water body, Lake G2, is approximately 650 m northwest, as seen in Figure 1.



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

## Response and Remediation

Upon realizing that process water was overflowing from the cyclone, the operator shut the cyclone and notified his supervisor. Process Plant personnel then started cleaning inside and outside the Process Plant. The slurry that made its way outside was hand shoveled and brought back inside the Process Plant to be reintroduced into the recirculation system. Environment department personnel were then notified of the first spill and started the investigation process. Later that day, Process Plant personnel notified the Environment department of a similar spill, which was remediated in the same way.

## 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 cyclone chute was plugged with ore during primary grinding, making the Process Water overflow from the cyclone into the Process Plant. The slurry spill eventually made its way outside, as the garage and man doors were open due to the high temperatures in the Process Plant that day.
- Even when closed, the garage and man doors would not prevent spills from going outside, as water can infiltrate through the bottom of these doors.

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

- Spill containment berms were ordered and will be staged near the cyclone, so the operators can quickly act in the event of a spill. These berms will be made available by October 31<sup>st</sup>.
- Process Plant personnel will review the trash screen catch basin and explore possible modifications to prevent the cyclone from plugging, or any overflow from reaching the garage or man doors. This assessment and possible solutions will be explored before June 2026.

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



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## **Appendix A – Photos**





**Photos 1-2:** Spill location



**Photos 3-4:** Spill location post-cleanup.