

May 3rd, 2025

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Re: Follow-up Report Spill #2025-172 – Release of 750 L of Sewage at the Meliadine Gold Project

On April 14th, 2025, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 750 L of sewage at the Meliadine Gold Mine (spill location coordinates: 63°2'22.40"N, 92°13'53.37"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 April 14th, 2025, at 07:00, approximately 750 L of sewage spilled onto the industrial pad outside the Wing 13 lift station. Upon inspection, it was discovered the lift station pump impeller was obstructed by non-compliant material, which led to the pump's failure and the lift station to overflow.

The spill occurred within the site's water management infrastructure, and as such, no waterbodies were impacted by the spill. The closest water body (Lake G2) is approximately 207 meters north, as seen in Figure 1.



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

Response and Remediation

Upon discovering the spill, a vacuum truck and a plumber were dispatched to respond to the spill. The vacuum truck was utilized to empty the contents within the secondary containment. The contaminated material was excavated and transported to Landfarm A in accordance with the Spill Contingency Plan. Remediation will occur in the spring, after snowmelt.

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:

- Non-compliant material had been flushed in a toilet at Wing 13, resulting in the pump impeller being obstructed, which led to the pump's failure and the lift station overflow.

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

- A site wide communication was distributed to remind staff to flush only toilet paper. The topic was also included in all departments' safety meetings.
- Instructional signs were printed and posted on every room in the affected wing, informing occupants of permissible and prohibited items that can be flushed.
- Supervisors met with the occupants of Wing 13 to emphasize the importance of properly disposing of items that could affect the lift stations.
- The high-level alarm programming in Wing 13 lift station was tested for performance.
- Implementation of additional lift stations inspections after water consumption peaks (3-4 times per day).

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



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Sent from Meliadine

Appendix A – Photos



Photo 1: Spill location (spill covered in snow layer)



Photo 2: Spill remediation