January 11th, 2025

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Re: Follow-up Report Spill #2024-474 – Release of 90 L of Sewage at the Meliadine Gold Project

On Dec 20th, 2024, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 90 L of sewage at the Meliadine Gold Project site (spill location coordinates: 63 01'36.65"N, 92 12'44.44"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 December 20th, 2024, at approximately 06:00, Energy and Infrastructure (E&I) personnel were performing a routine inspection of lift stations around site. Upon arriving at the Orbit dome lift station (referred to as wash cart in the initial report), the employee noticed that sewage was leaking outside of the holding tank storage area. An estimated 90 L of sewage was frozen on the ground.

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 H5) is approximately 720 meters northeast, as seen in Figure 1.

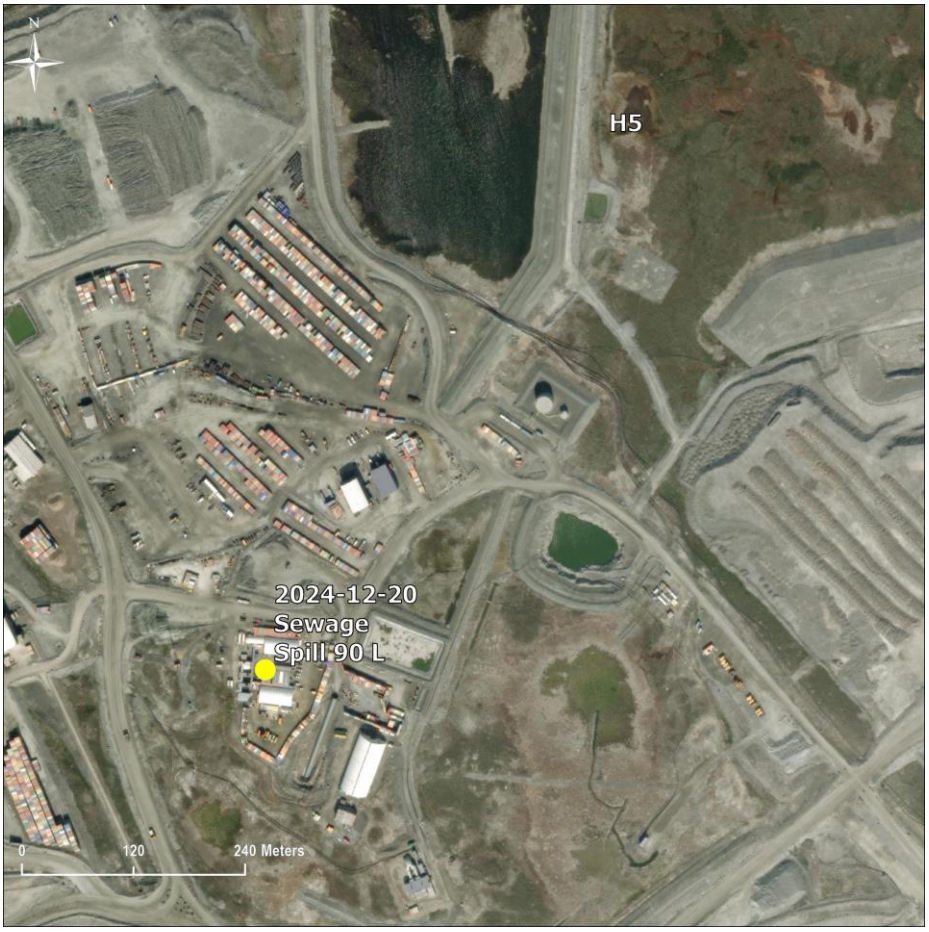

Figure 1: Location of the spill and proximity to waterbodies.

Response and Remediation

Upon discovering the spill, the worker contacted their supervisor to notify them of the spill and upon inspection, discovered the holding tank was caved in and broken. Most of the spill occurred inside the holding tank storage area, while 90 L escaped to the ground outside. An excavator was sent to clean up the area and the damaged holding tank was replaced. The contaminated material spilled on the industrial pad was excavated and transported to Landfarm A, in accordance with the Spill Contingency Plan.

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 holding tank vent was blocked by frozen condensation, causing the tank to collapse when the vacuum truck pump was started.
- The vent inspection had been missed during daily checks.

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

- Heat trace was installed on the vent to prevent ice accumulation.

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: Sewage spill location.

Photo 2: Sewage tank failure

Photo 3: Spill location post remediation.

Photo 4: New sewage tank installed.