April 27, 2025

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Re: Follow-up Report Spill #2025-144 – Release of 150 m³ of Sewage at the Meliadine Gold Project

On March 31st, 2025, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 150 m³ of sewage coming from the sewage line from P-Wing lift station at the Meliadine Gold Mine (spill location coordinates: 63 02'22.42"N, 92 13'39.11"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 March 30th, 2024, at approximately 17:00, an Energy and Infrastructure (E&I) worker observed sewage outside of the P-Wing.

The sewage line connecting the P-Wing lift station to the Main Camp lift station was found to be leaking. Consequently, the sewage began accumulating beneath the P-Wing, forming a thick layer as it froze. An assessment concluded that approximately 150 cubic meters of sewage was released under the P-Wing.

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 310 meters northwest, as seen in Figure 1.

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

Response and Remediation

Upon discovering the spill, personnel from the Energy and Infrastructure (E&I) department promptly stopped the flow of sewage from the P-Wing to the Main Camp lift station. A plumber subsequently rerouted the P-Wing sewage line to a temporary holding tank. Due to the spill's location, remediation activities are constrained by the confined space and limited access around and under the building. The Surface Operations team excavated accessible contaminated material around P-Wing and transported it to Landfarm A in accordance with the Spill Contingency Plan. The impacted area will continue to be monitored, and if necessary, a diversion

berm or interceptor ditch, along with a collection sump, will be installed to capture runoff during the spring melt. Soil remediation beneath the P-Wing infrastructure will be completed upon closure and reclamation.

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 heat trace for the sewage line failed, and the light indicating a failure was located under the building, making it invisible for employees conducting inspections due to the snowpack.
- Due to the failed heat trace, the sewage line ruptured.

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

- The sewage line has been rerouted to a temporary holding tank.
- An investigation into how the sewage line that is running under the roadway was protected prior to coverage of material has been scheduled for after snowmelt.
- The heat trace will be repaired following snowmelt once the area is accessible.
- Repair and replace the section of pipe that is broken following snowmelt once the area is accessible.
- Ensure indicator light which signals the operational status of the heat trace is visible for inspection.

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 spill location

Photo 3: Sewage spill location post excavation of accessible contaminated material