

May 16<sup>th</sup>, 2024

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**Re: Follow-up Report Spill #2024-112 – Release of 120 L of Greywater at the Meliadine Gold Mine**

On April 19<sup>th</sup>, 2024, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 120 L of wastewater at the Meliadine Gold Mine site (spill location coordinates: 63° 2' 23.42" N, 92° 13' 49.08" W). Upon inspection the spilled material was found to be greywater. 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 License 2AM-MEL1631 Water License, part H, item 8c.

**Description of Incident**

On April 19<sup>th</sup>, 2024, at approximately 6:00am, an estimated 120 L of greywater spilled onto the ground underneath accommodation Wing 9. The spill was caused by a joint failure on drainpipe beneath the floor of the janitorial sink. An employee identified the spill during a routine inspection around the Wing 9 lift station.

No water bodies were impacted by the spill. The closest water body (Lake G2) is approximately 209 m northwest, as seen in Figure 1.



**Figure 1:** Location of the greywater spill and proximity to water bodies.

## Response and Remediation

When the spill was discovered by an Energy and Infrastructure (E&I) Maintenance employee during their routine inspection, they isolated the water supply in the wing to prevent further spillage. The employee contacted their supervisor and the Environment Department to report the spill. A site visit was conducted by the Environment and E&I departments to determine the root cause and commence the clean-up process. The snowpack under the wing was removed, the impacted area was excavated, and the recovered material was brought to Landfarm A and the Waste Rock Storage Facility 3 (WRSF3), as per the Spill Contingency Plan. The janitorial sink drainpipe was then cleaned, primed, and glued back to prevent future failures.

## Root Cause and Corrective Measures

An incident assessment was conducted soon after the incident occurred to determine the root cause and contributing factors. The assessment concluded with the following:






- The piping glue on the drainpipe joint dried over time and no primer was applied before gluing the pipe when it was installed.

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

- Inspections of these pieces of piping will be added to E&I maintenance quarterly inspection procedure. To provide access to these pieces and facilitate their inspection, E&I maintenance will install ports with doors on the side of the wings before the end of the year.

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 – Photos**



**Photo 1:** Greywater spill location.



**Photo 2:** Spill location post remediation (ice/water is from snow melt).