



November 8th, 2022

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Re.: Follow-up Report Spill #2022517 – Release of 800 L of wash bay water at the Meliadine Gold Project

On November 2nd, 2022, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 800 L of wash bay water at the Meliadine Gold Project site (spill location coordinates: 63° 2' 18.05"N, 92° 13' 39.55"). This follow-up report provides supplemental information based on the results of the incident investigation and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, part H, item 8c.

Description of Incident

On November 2nd, 2022, at approximately 3:00 am, an estimated 800 L of wash bay water was spilled on the industrial pad due to a failed freshwater line in the wash bay. The freshwater was released into the wash bay sump causing the sump to overflow. The diluted wash bay sump water flowed out the overhead door and on to the industrial pad where it froze in place. No water bodies were impacted by this spill. The closest water body (G2) is approximately 325 meters northwest, as seen in Figure 1.



Figure 1: Location of wash bay spill and proximity to water bodies.

Spill Response and Remediation

Upon discovery of the spill the freshwater valve was closed. The operator then proceeded to contact the environment department to inform them of the situation. The frozen material was cleaned up using a loader. The frozen wash bay material was then disposed of in Tiriganiaq Pit 2 its disposal location during normal operations.



Root Causes and Corrective Measures

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

- A blizzard on November 1 caused the HVAC intake coils to plug with snow and ice resulting in low temperatures within the wash bay. This caused the freshwater line to fail.
- Low glycol level in the HVAC system reduced the effectiveness of the HVAC system.

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

- Preventative maintenance HVAC inspection will be conducted post blizzard;
- The freshwater line PC piping will be replaced with stainless steel piping ;
- The glycol level in the HVAC system was returned to 100%

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: Wash bay water spill area



Photo 2: Spill remediation area