



January 21st, 2023

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Re: Follow-up Report Spill #2022559 – Release of 40L of Sewage at the Meliadine Gold Project

On December 22nd, 2022, the Nunavut Spill Report Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 40L of sewage at the Meliadine Gold Project site. The spill location coordinates are: 63° 2' 16.41" N, 92° 13' 31.42" W. 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 December 22nd, 2022, at approximately 10:00 am, an estimated 40L of sewage was spilled on the industrial pad from a damaged distribution line from the power plant lift station. The line sustained damage due to freezing. No water bodies were impacted by this spill. The closest water body (G2) is approximately 520 meters north-northwest, as seen in Figure 1.



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

Spill Response and Remediation

While conducting a routine site inspection the Power Plant Operator noticed the lift station was overflowing onto the ground. Upon discovery, the operator immediately called the Energy and Infrastructure (E&I) Maintenance Supervisor. E&I Maintenance quickly responded by closing washrooms that discharge into the lift station and bringing a vacuum truck to empty the lift station. Hand tools were used to clean up the frozen material. The material was brought to Landfarm A as per the Landfarm Management Plan.



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 the following:

- A heat-trace cable servicing the lift station discharge pipe was not functioning properly allowing the liquid in the distribution line to freeze.

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

- Moreau Construction conducted a full inspection of the distribution line. A section of heat trace was found to be faulty and replacement parts are on order for repair.
- AEM plumbers inspected the washroom facilities at the E&I Carpentry Shop and the Power Plant and identified a passing toilet. The issue was addressed, and the flow stopped.
- Vacuum truck operators now conduct 3 inspections per shift and drain the lift station to prevent another overflow event.

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



AGNICO EAGLE

MELIADINE



Photos 1: Sewage spill outside life station.



Photos 2: Sewage spill under infrastructure.



Photo 3: Sewage spill location post clean up.



Photo 4: Sewage spill location post clean up.