



September 1st, 2022

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Re.: Follow-up Report: Spill #2022425– Release of 20 L of Untreated Sewage at the Meliadine Gold Project

On August 3rd, 2022, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 20 L of untreated sewage at the Meliadine Gold Project site (spill location coordinates: 63° 2' 23.09"N, 92° 13' 32.69"). 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 August 2nd, 2022, at approximately 6:00 pm, an estimated 20 L of untreated sewage was spilled on the industrial pad due to an overflow of the Wing C lift station. No water bodies were impacted by this spill. The closest water body (G2) is approximately 360 meters northwest, as seen in Figure 1.



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

Spill Response and Remediation

Upon discovery of the spill, a vacuum truck was dispatched to empty the lift station and recover the untreated sewage outside the lift station. Free liquid was pumped back into the main camp lift station. Absorbent pads were deployed to collect the remaining liquid and packaged for offsite disposal at a licensed disposal facility. The impacted surface was hand excavated and an estimated 15 kg of material was brought to Landfarm A as per section 3.4.4 in 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 with the following:



- The high-level sensor (float) in the lift station was stuck in the low-level position and did not activate the pump or the alarm in the lift station. A contributing factor to this malfunction was the material within the lift station was too thick.

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

- The waste streams sent to the lift station were evaluated. The lift station received waste from the Wing C accommodations as well as the Sewage Treatment Plant's (STP) sludge dewatering system. Waste collected from the sludge handling system is now directed to the fine screen tank of the STP to reduce the likelihood of the high-level sensor becoming stuck.

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



Photo 1: Wing-C lift station spill



Photo 2: Wing C lift station spill remediation