



July 4<sup>th</sup>, 2023

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## **Re: Follow-up Report Spill #2023-243 – Release of 10 L of Sewage at the Meliadine Gold Project**

On June 6<sup>th</sup>, 2023, the Nunavut Spill Line was notified by Agnico Eagle personnel via email ([spills@gov.nt.ca](mailto:spills@gov.nt.ca)) of a spill of approximately 10 L of sewage at the Meliadine Gold Project site (spill location coordinates: 63° 2' 17.5" N, 92° 13' 37.2" 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 License 2AM-MEL1631 Water License, part H, item 8c.

### **Description of Incident**

On June 6<sup>th</sup>, 2023, at approximately 7:30 am, an estimated 10 L of sewage was spilled onto the industrial pad at the Assay Lab lift station. During a routine lift station inspection an employee noticed that the lift station overflowing and manually initiated the pump to lower the level. The spilled sewage was contained to the local area. No water bodies were impacted by this spill. The closest water body (G2) is approximately 450 meters north, as seen in Figure 1.



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

## Spill Response and Remediation

The employee switched the pump from the automatic to the manual setting to lower the level of the tank and prevent further spillage. Absorbent pads were used to collect most of the free liquid on the ground. However, a residual amount of material accumulated underneath the lift station enclosure and is inaccessible. This area will be remediated upon decommissioning of the lift station enclosure.



## Root Cause and Corrective Measures

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

- The float system was damaged due to accumulation of oil, grease and debris.
- The float was stuck in the up position triggering the pump to run to failure.

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

- The float system was replaced.
- Plumbers have been instructed to inspect the float system during their regular preventive maintenance checks. This proactive approach aims to identify and address any instances where a float may be stuck in the raised activated position.

Should you have any questions or require further information, please do not hesitate to contact the undersigned.



**Randy Schwandt** | Environment Coordinator

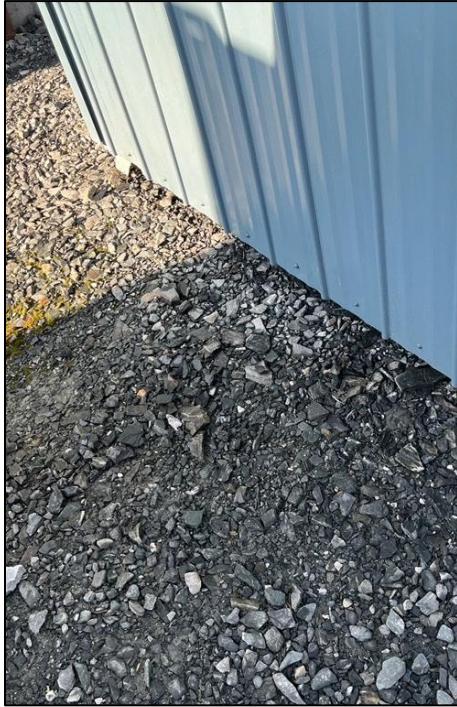
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Sent from Meliadine

## Appendix – Photos



**Photo 1:** Sewage spill location.



**Photo 2:** Sewage spill post remediation.