



November 8th, 2022

Kyle Amsel
Water Resource Officer
Kivalliq Region, Field Operations Unit
Crown-Indigenous Relations and Northern Affairs Canada
Rankin Inlet, NU
XOC 0G0

Sent via email: kyle.amsel@rcaanc-cirnac.gc.ca

Re.: Follow-up Report Spill #2022503 – Release of 30 L of Sewage at the Meliadine Gold Project

On October 18th, 2022, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 30 L of untreated sewage at the Meliadine Gold Project site (spill location coordinates: 63° 2' 22.92"N, 92° 13' 33.02"). 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 October 18th, 2022, at approximately 8:15 am, an estimated 30 L of untreated sewage was spilled on the industrial pad due to a miscommunication between two operators during sewage transfer from the sewage treatment plant (STP) sludge tank and the sewage vacuum truck. No water bodies were impacted by this spill. The closest water body (G2) is approximately 370 meters northwest, as seen in Figure 1.



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

Spill Response and Remediation

Upon discovery of the spill, the operator stopped the power take off (PTO). The operator then proceeded to contact the environment department to inform them of the situation. All surface material was hand excavated and contained within a 76 L plastic tub. The material collected was then reworked through the main camp lift station for further treatment.



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:

- Only one out of the two operators involved in the sewage transfer had a radio causing inadequate communication between them.
- The vacuum truck procedure was not followed.

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

- Both vacuum truck operators will be provided radios for two-way communication.
- Vacuum truck procedure has been updated to further clarify the communication between operators including the need for both operators to have radios – the updated procedure was communicated to all vacuum truck operators.
- Reiterate the importance of not rushing to prevent workplace accidents from occurring

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



Brett Fairbairn | Environment Coordinator

brett.fairbairn@agnicoeagle.com | Direct 819.759.3555 x4603996 |

Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0

agnicoeagle.com     

Sent from Meliadine



Appendix – Photos



Photo 1: Sewage spill area



Photo 2: Spill remediation area