



December 19<sup>th</sup>, 2022

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## **Re.: Follow-up Report: Spill #2022533– Release of 1.5 m<sup>3</sup> of Emulsion at the Meliadine Gold Project**

On November 20<sup>th</sup>, 2022, 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 1.5 m<sup>3</sup> of emulsion at the Meliadine Gold Project site (spill location coordinates: 63° 1' 35.5"N, 92° 12' 33.6"). 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 20<sup>th</sup>, at approximately 4:00 am, an estimated 1.5 m<sup>3</sup> of emulsion was spilled on the industrial pad when loading a boom truck for transport to the underground mine. While placing an emulsion bin #1 on the boom truck with a loader (with forks attached) a previously loaded emulsion bin was accidentally pushed off the boom truck. This led to the operator accidentally raising the forks (versus tilting) on the loader causing the emulsion bin #2 being loaded to slide off the forks. The bin sustained damage upon contact with the ground leading to the release of emulsion.

No water bodies were impacted by this spill. The closest water body (A8) is approximately 950 meters southwest, as seen in Figure 1.



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

## Spill Response and Remediation

Upon discovery of the spill, the emulsion was contained to the local area. The emulsion loading operation stopped and the remediation process started. Hand tools and heavy equipment were used to recover the spilled emulsion. The contaminated material was placed in quatrex bags and stored in a seacan for reprocessing at the emulsion production plant or for later use in the open pit blasting process.



## 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 current loading setup allowed for a bin to be pushed off the loading deck even with a spotter in place.

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

- A job hazardous analysis was completed to review all hazards with operators.
- A designated loading area has been identified and is now in use to allow for a backstop to prevent the bin from being pushed off the loading deck.
- The "Boom Truck Emulsion Loading and Transportation" procedure is being developed and will be issued for use in the coming days.
- The Boom Truck Emulsion Loading and Transportation procedure will be reviewed with relevant employees.

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:** Emulsion spill location



**Photo 2:** Emulsion spill remediation