



September 14<sup>th</sup> , 2022

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## **Re.: Follow-up Report: Spill #2022417– Release of 6 KG of Ammonium Nitrate at the Meliadine Gold Project**

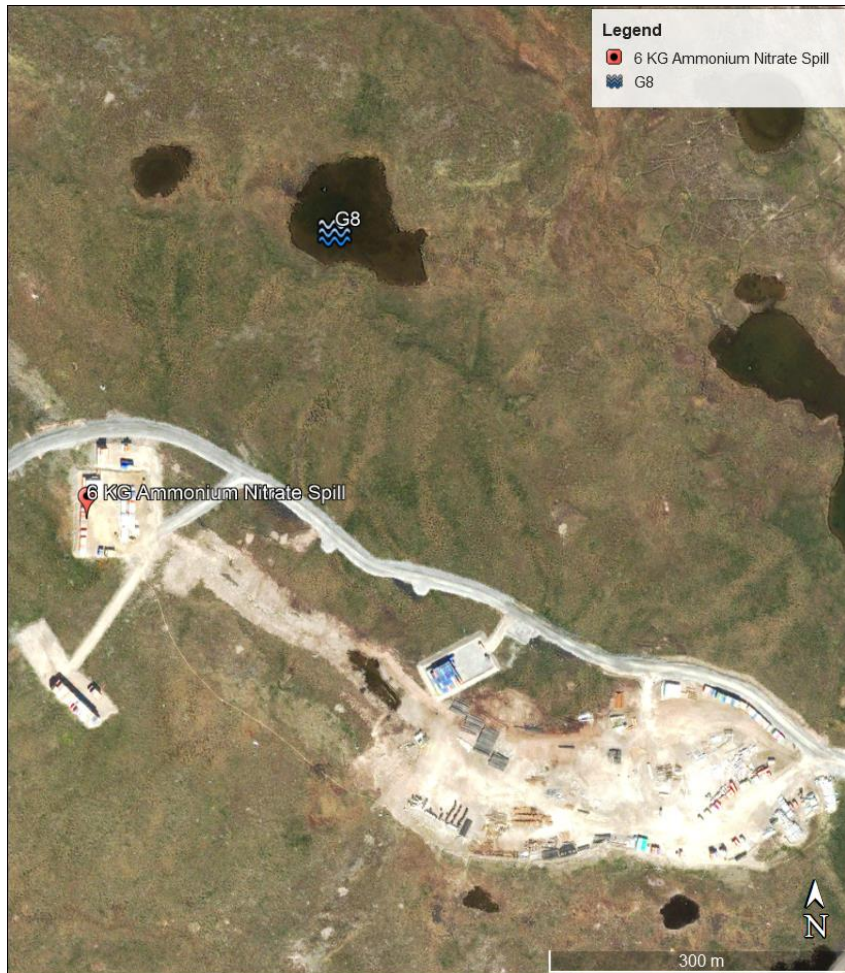
On August 15<sup>th</sup> , 2022, the Nunavut Spill Line was notified by Agnico Eagle personnel via email (spills@gov.nt.ca) of a spill of approximately 6 KG of ammonium nitrate at the Meliadine Gold Project site (spill location coordinates: 63° 2' 39.70"N, 92° 15' 24.57"). This follow-up report provides 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.

The spill was reported as due diligence since the volume of spilled material was less than 50 KG which is the usual spill reporting threshold for oxidizing substances.

### **Description of Incident**

On August 15<sup>th</sup>, 2022, at approximately 7:30 am, an estimated 6 KG of ammonium nitrate was spilled on the Dyno industrial pad while opening a sealed seacan. No water bodies were impacted by this spill. The closest water body (G8) is approximately 330 meters northeast as seen in Figure 1.



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

## Spill Response and Remediation

Upon discovery of the spill, Dyno operators used shovels and a loader to remediate the impacted area. The seacan was moved to ensure proper remediation could be achieved. The material that was removed was placed in boreholes in the open pit and used as blasting material.

## 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:

- Damaged packaging and improper repair of the packaging (the ammonium nitrate bag was punctured and sealed with duct tape) prior to shipment resulted in the spill of ammonium nitrate from the sealed seacan.



The following corrective and preventative action will be implemented to address the root causes and to reduce the likelihood of reoccurrence:

- Agnico Eagle has followed up with the supplier to ensure that any punctured bags are properly repaired prior to shipping.
- Agnico Eagle will investigate the use of a metal skirt at the doors where these types of chemicals are unloaded to prevent spills from material damaged prior or during transport.



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Sent from Meliadine



## **Appendix – Photos**



**Photo 1:** Ammonium nitrate spill



**Photo 2:** Ammonium nitrate spill remediation