

Follow Up Report: #21-400

September 15, 2021 – Dome 3 Hydraulic Oil Spill



The following information refers to an incident reported by Agnico Eagle Mines Ltd. September 15, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 04:30 on September 15, 2021, a broken hydraulic oil fill connection on a Fuel/Lubrication truck led to the release of approximately 300 L of hydraulic oil. The oil was contained within the dome 3 parking area covering an area of approximately 90 square metres.

The fuel/lubrication truck operator removed the Fuel/Lubrication truck from Dome 3 while the Hydraulic oil fill line was still connected to the truck. This resulted in the connection on the truck breaking off and releasing the oil. Procedures for operating mobile equipment require the operator to complete a vehicle inspection prior to operating the equipment. This inspection includes a vehicle walk around which did not happen on this occasion.

The coordinates of this spill are 63° 1'37.40"N, 92°12'40.76"W. No water bodies were impacted by this spill.



Figure 1: Location of the spill on East side of Dome 3.



Figure 2: Broken hydraulic line connection from Fuel/Lubrication truck.

Spill Response & Cleanup

Spill pads were immediately placed on the affected area and a berm was constructed to contain the oil. The Underground Mine Supervisor and Environment Department organized a clean-up of the area. The area was cleaned up using an excavator and haul truck. All contaminated material was disposed of in the Landfarm.



Figure 3: Containment berm and excavator clean up.

Cause of Incident and Corrective Measures

The specific cause in this incident is attributed to human error and not following procedures. A review of the requirements was carried out with the individual to ensure proper understanding of the procedure and associated inspection checklist.

Agnico Eagle Mines will continue to immediately report all spill as soon as they become aware of the event.



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