

Follow Up Report: #2022019

January 25th, 2022 – Thickener Water Spill

The following information relates to spill 2022019 reported by Agnico Eagle Mines Ltd. On January 26th, 2022, 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

On January 25, 2022 after start-up following a recent blizzard a blockage on the Process Plant Thickener resulted in water being released to the ground outside the building onto the plant site industrial pad. The process was shut down to stop the spill. Freezing conditions and a temporary installed berm contained the spill. Clean-up was initiated immediately. Samples were collected to determine the final disposal site for the frozen spilled material.

No water bodies were impacted with the closest water body (G2 lake) approximately 600 m away.



Figure 1: Location of thickener water spill within Meliadine's water management area.



Figure 2: Final clean up.

Spill Response & Cleanup

The plant was shut down to stop the release. Berms were created to contain the spill and minimize the impacted area. A sample was collected for analysis. An excavator, loader and haul truck were used to clean up the spilled material. All material collected will be placed in the process plant sump where it will be returned to the process plant system.

Cause of Incident and Corrective Measures

The investigation into the cause of the release identified ice build at the overflow discharge pipe following a plant shutdown during blizzard conditions. The ice buildup resulted in a blockage of the discharge causing the thickener tank to overflow.

To prevent recurrence, modifications to the mill startup procedure to inspect the thickener overflow pipe to ensure the overflow is free of any obstructions.



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

