Follow Up Report: #21-279
June 29, 2021- Heat Recovery Water

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on June 30, 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:

Due to failure of an expansion joint on the heat recovery system, approximately 8 m^3 of water containing corrosion inhibitor (Drewgard 4109) spilled in the south end of the Arctic corridor (between the Multi Service Building (MSB) and the process plant), and then leaked to the ground below on the Industrial Pad. The mix of Drewgard to water in the system was estimated to be 11 L of Drewgard to every 1000 L of water.

No water body was impacted by this spill. The nearest body of water is >300 m away. The coordinates of the spill source are 63° 2' 17" N, 92° 13' 35" W.

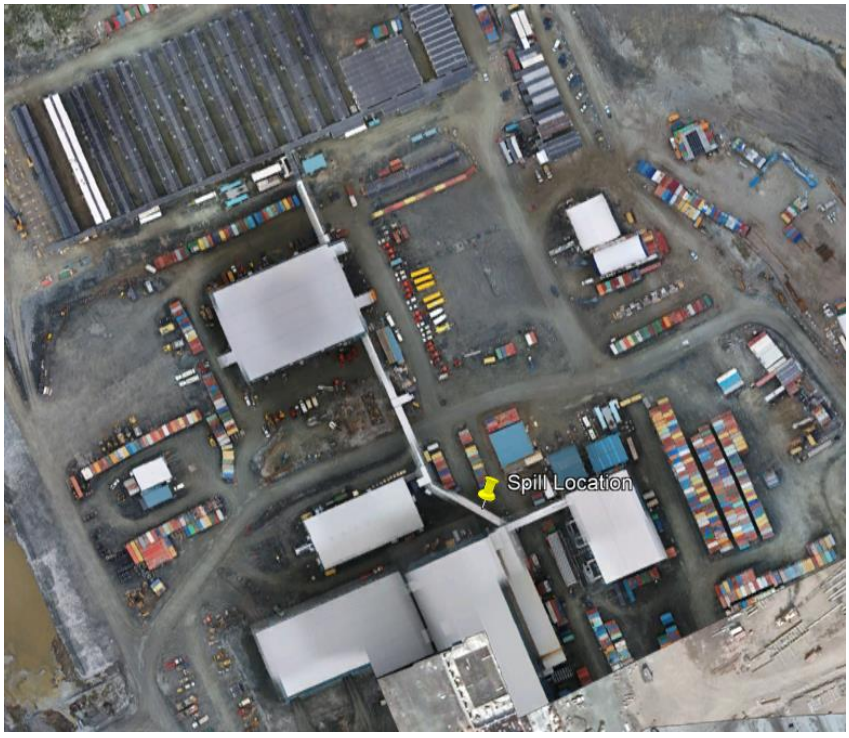

Figure 1: Location of the spill source was inside the arctic corridor, which then leaked to the ground below on the Industrial Pad.

Spill Response & Cleanup:

Sand berms were constructed in order to contain the spilled water in a central area and mitigate further migration until site personnel were able to shut down the system, preventing further release of heat recovery water. Contaminated material was removed with a front-end loader, placed in the Waste Rock Storage Facility 1 (WRSF1) and encapsulated in waste rock.

Figure 2: Sand berm being created at the south end of the spill location to contain the heat recovery water.

Figure 3: Sand berms constructed at the north end of the spill location.

Spill Cause and Corrective Measures

The release occurred due to the failure of an expansion joint in the boiler recirculation system. The cause of the failed component is uncertain and is currently still under investigation. The expansion joint was replaced and the system inspected for leaks. A visual alignment was performed by an E&I millwright and E&I heat technician using a level indicator and shims on piping support beams. The failure was discussed with engineering firm BBA and an investigation report was issued, which is currently being reviewed by the E&I maintenance team.

AGNICO EAGLE

Sean Arruda | Environment Coordinator
sean.arruda@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