

Follow Up Report: #2022267

June 13th, 2022 – 25 L Sewage Spill

The following information refers to incident #2022267 reported by Agnico Eagle Mines Ltd. June 13th, 2022, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c.

Description of Incident

At approximately 7:00 am on June 13th, 2022, an estimated 25 liters of untreated sewage was spilled to the gravel pad from the Wing 2 lift station when two lift station pumps failed to engage.

The coordinates of this spill are 63° 2' 24.54"N, 92° 13' 42.60"W. No water bodies were impacted by this spill. The closest water body (G2) is approximately 230 meters north.



Figure 1: Location of sewage spill.

Spill Response & Cleanup

Upon discovery of the spill, a vacuum truck was called to empty the lift station and recover the liquid sewage outside the lift station. The recovered liquid was pumped into the MSB lift station for processing at the sewage treatment plant. The sewage contaminated gravel was scrapped up by a loader and placed in WRSF 1 for final disposal.



Figure 2: Location of sewage spill post-cleanup.

Cause of Incident and Corrective Measures

A piece of material that was flushed down a toilet jammed the pump causing the overflow. The backup pump in this lift station did not engage as per design. It is suspected that the backup pump was also jammed, and upon stopping and starting the pump the material was dislodged. Both pumps were tested and confirmed to be functional before being put back into service.

A formal site wide communication was distributed to all Meliadine employees and contractors (see Appendix A) conveying the importance of not flushing incorrect materials down toilets. Each lift station is equipped with a local audio/visual alarm; however, AEM is actively investigating options for these alarms to be communicated remotely. AEM is also investigating replacement pumps equipped for grinding solid products for each lift station. AEM has also engaged an external specialist to conduct an audit of the sewage works and provide a report of recommendations.

Appendix A