

Follow Up Report: #2022143 April 24th, 2022 – 200 L Sewage

The following information refers to incident #2022143 reported by Agnico Eagle Mines Limited April 24th, 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 03:30 on April 24th, 2022, 200 L of sewage was spilled at the Multi Service Building (MSB) lift station when the lift station pump failed.

The coordinates of this spill are 63° 2' 21"N, 92° 13' 40"W. No water bodies were impacted by this spill. The closest waterbody (G2) is approximately 325 m north.



Figure 1: Location of the MSB lift station spill

Spill Response & Cleanup

The spill was contained to a low area behind the MSB lift station. The freezing conditions prevented the sewage from migrating off site. Infrastructure (structural steel, pipes and electrical) in the area made cleanup activities during winter month hazardous. As the material melts the vacuum truck will collect the melted material. The contaminated matrilateral collected with the vacuum truck will be returned to the MSB lift station.

Cause of Incident and Corrective Measures

As the lift station reached the high-level pump #2 tripped. The backup pump did not start as the selector switch was set to Pump #2. This allowed the lift station to overflow releasing 200 L of sewage to the ground.

The following corrective measures have been implemented:

- the pump overload limits were increased to prevent the pump from early tripping;
- the float control system was adjusted to start the pump earlier;
- the pump selector was verified to ensure it is functioning properly and the selector was set to the alternate position during normal operations (this will allow pump #1 to start should pump #2 fail).

In addition to the above-mentioned completed corrective measures, Agnico Eagle Mines Limited has retained a consultant to complete an evaluation of the site lift stations.



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