

Follow Up Report: #2022045

February 18, 2022 – 80 L Untreated Sewage

The following information refers to an incident # 2022045 reported by Agnico Eagle Mines Ltd. February 19, 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 17:30 on February 18, 2022, the Environment Department was notified of a spill of approximately 80 L of raw sewage. The spill occurred when a transfer valve was accidentally left in the open position and the lift station was drained. The fitting pulled away from the pressurized piping and caused the spill on the ground.

The coordinates of this spill are 63° 1' 42"N, 92° 12' 47"W. No water bodies were impacted by this spill. The nearest water body (B7) is 880 m west.



Figure 1: Location of the spill at KCG lift station

Spill Response & Cleanup

The lift station was shut down to stop the spill. The topography of the area and the freezing conditions prevented the sewage from migrating off site, facilitating spill recovery. Mobile equipment was used to recover the spilled material which was placed in the Waste Rock Storage Facility 3, as per the Mine Waste Management Plan.



Figure 2: Spill cleanup area (contaminated ice removed and material put down to prevent slipping)

Cause of Incident and Corrective Measures

After an investigation, it was discovered that the Fernco fitting on the downstream side of the lift station pump was not the correct fitting for a pressurized service. This resulted in the fitting pulling away from the piping and causing the spill. The fitting has since been replaced with a more appropriate fitting for the service and an inspection of each lift station (wings 1-14) will be conducted to ensure all other fittings are replaced with the appropriate fittings for pressurized service.



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