

Follow Up Report: #2022073

March 9, 2022,

2000L Kitchen Grey Water



The following information refers to a spill reported by Agnico Eagle Mines Limited on March 9, 2022, and is being provided in accordance with:

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

Description of Incident:

On March 9th, 2022, at approximately 15:00 an employee walking around the main camp kitchen discovered a spill of approximately 2000L of grey water underneath the kitchen.

The coordinates of the spill are 63° 2'25"N, 92° 13'36"W. No water bodies were impacted by this spill. The closest water body (G2) is approximately 300 m north.

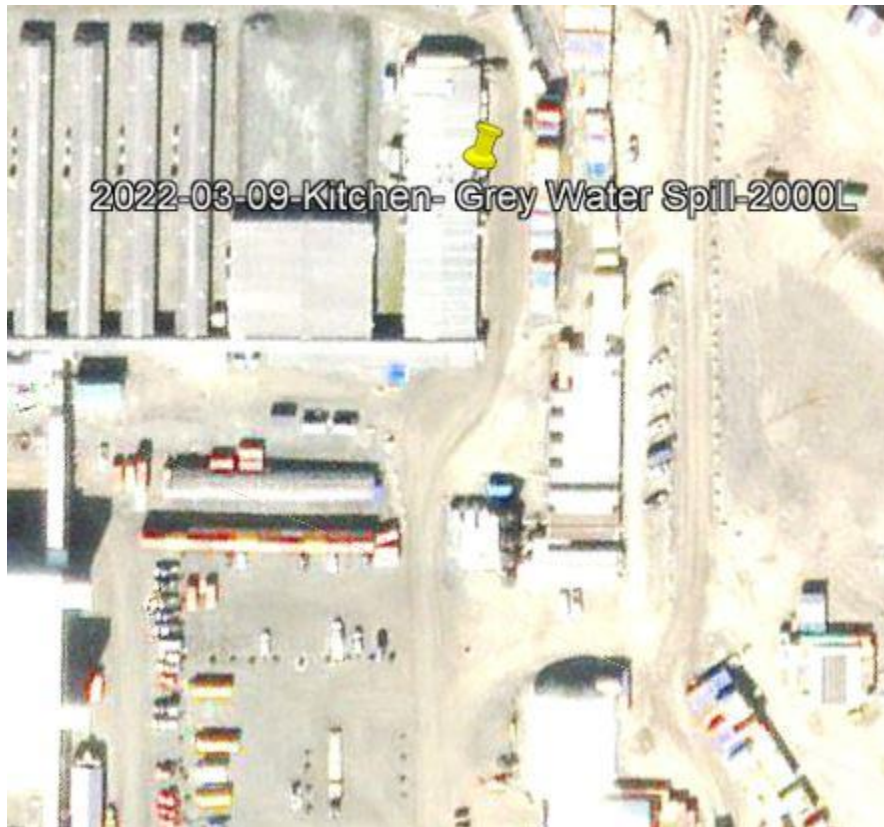


Figure 1: Location of the March 9th, 2022, grey water spill

Spill Response & Cleanup:

Water supply from the kitchen was cut off as soon as the spill was noticed. The topography of the area and the freezing conditions prevented the grey water from migrating off-site.

Accessible spilled material was cleaned up however health and safety considerations limited equipment and personnel access (the space is confined due to the accumulation of snow) to the spill location. Additional cleanup of the area will be completed during the spring/summer months. The first layer of gravel will be scrapped.

Astro foil was installed as a temporary fix around the pipe on March 9th, 2022 until the rigid pipe insulation could be installed. The plumbing installation of the rigid pipe installation started on March 9th, 2022 and finished on March 11th, 2022.



Figure 2: Spill clean-up area

Cause of Incident and Corrective Measures:

It was determined that the difference in temperature between the warm grey water and the cold PVC plumbing caused the plumbing to expand and crack.

The repair on the grey water pipe started immediately on March 9th, 2022 and finished on March 11th, 2022.

To further mitigate the chance of similar incidents reoccurring, skirting will be installed around the kitchen building which will reduce the amount of wind blowing under the building and promote heat circulation, keeping drainage plumbing at a warmer and more stable temperature.