



2022-02-03 WTP 4 m3 Grease

GN reference #: 2022-058

Please find the following information as a follow up to the Spill report submitted February 3, 2022, by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1830, Part H, Item 8c.

Spill Description

During operations at Whale Tail Pit project, a worker was performing a routine inspection of the Sewage Treatment Plant when they observed a spill of grease under the plant. Upon further investigation, the sump pipe that feeds the grease storage tanks was found to be broken. As result of the broken pipe the two grease tanks back flowed via gravity into the sump until it overflowed under the plant.



Figure 1. Grease spill from under the wing – 2022-02-03



Figure 2. Broken piping causing spill – 2022-02-03



Figure 3. Grease under the wing ~24 hours post spill – 2022-02-04

Spill location: 65°24'4.86"N 96°40'1.94"W on IOL.

There were no off-site impacts or discharge to any receiving watercourses. Distance to the closest water body is 320 meters to lake A-56.

Cause of Spill

Equipment failure/damage

Remediation Actions

Workers immediately used the sucker truck to remove ~1000L of grease from the ground. Hand shovels and equipment was used to clean the spill area. Approximately 1.5 m³ of contaminated snow and material was disposed of at the Meadowbank tailings area. Due to the location, time and nature of the spill additional remediation work will occur in the spring when the ground has thawed to allow for better recovery of contaminated material.



Figure 4. Grease Spill after cleanup efforts



Figure 5. Grease Spill after cleanup efforts – 2022-02-05

Corrective measures

Two additional backflow valves were installed inside the plant to eliminate this spill from reoccurring.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank Complex on February 3, 2022, and the cleanup activities. Please contact the undersigned should you have any questions.



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