



2021-12-07 MBK 150L Sewage

GN reference #: 2021-489

Please find the following information as a follow up to the Spill report submitted December 7th, 2021 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-MEA1530, Part H, Item 8c.

Spill Description

On December 7th, 2021 a sewage spill at the Baker Lake Camp was reported to the environment department by the Baker Lake Conservation Officer. A septic tank had overflowed into the seacan and ultimately overflowed to the environment. The line was believed to have been frozen. After investigating the spill, it was determined that ~150L of sewage was spilt.



Figure 1. Photographs Submitted by Conservation Officer, dated December 7th

Spill location: 64 18'35"N; 95 56'24"W on IOL.

There were no off-site impacts or discharge to any receiving watercourses. Distance to the closest water body is 250 meters.

Cause of Spill

Upon further investigation, a valve located inside the seacan was not being manipulated when trying to remove sewage. As a result, the septic tank overflowed and reported to the environment.

Remediation Actions

The septic tank was drained immediately to stop the spill. Approximately 0.5 cubic meter of the accessible ice has been chipped away and an excavator will be sent to remove further material. Contaminated material will continue to be collected and brought to the Meadowbank Landfarm.



Figure 2. Septic tank dated December 8th

Corrective measures

Review and reinforce environmental awareness with Baker Lake Facility personnel regarding the importance of reporting spill promptly. A reminder to the vacuum truck operator the steps to remove sewage from Baker Lake Camp Septic Tanks

Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on December 7th, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



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Sent from Meadowbank