

March 12th, 2016 Sewage spill

Please find the following information as a follow up to the Spill report submitted March 13th, 2016 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-MEA1525, Part H, Item 8c.

Spill Description

On March 12th, 2016, a fitting on the sewage line bringing treated sewage to the Stormwater Management Pond broke and resulted in sewage being discharge upstream of its usual location. Although the product was still being discharge within the Stormwater pond area, a portion of the sewage went underneath the road and was contained in a section facing north between the airstrip and the road.



There were no off site impact or discharge to any receiving watercourses.

Cause of Spill

The fitting on the line broke because external pressure was being added to the pipe by snow being pushed over from the iron pad towards the discharge line. The sewage was thus discharge closer to the road. This created a change in the path of the flow, resulting in water being observed on the north side.



Broken fitting and pipe

Area of broken line



North side

Snow bank on Stormwater pond

Remediation Actions

As the sewage was contained in an area enclosed between surrounding roads and the airstrip, and is now frozen, it will be re-assessed in the spring. The water leaving the Sewage Treatment Plant is tested regularly and results meet criteria.

The pipe was fixed and extended further in the pond. As well, snow will not be pushed again on the side of the effluent pipe but rather on the opposite side.

The area was inspected after the repair and no evidence of seeping was found on the north side.



Side blocked for snow

Repaired and extended discharge pipe

Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank on March 12th, 2016 and the cleanup activities. Please contact the undersigned should you have any questions.

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