



2020-08-07 WTP Runoff TSS

GN reference #: TBD

Please find the following information as a follow up to the Spill report submitted August 7th, 2020 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 a regular Whale Tail site inspection by the environment department, turbid water was observed to be running off from one of the pads. The water was sampled, and found to have total suspended solids of 345 mg/L.



Spill location: 65° 24'23.8" 96° 40'41.8" on IOL

There were no off-site impacts. Distance to the closest water body is 50 meters to Lake A53.

Cause of Spill

The source of water is expected to be natural runoff, while the suspended solids are expected to be caused by microbial process.

Remediation Actions

Straw booms were placed to contain the water, until a sump was excavated to pump the water into GSP1. Daily internal water samples were collected, and weekly samples were sent for analysis. Investigation as to what the source of the water ingress could have been. All surrounding pipes were air-tested for leaks, and dye-tracing tests were performed in the nearest building. All test concluded no leaks were present.



Corrective measures

A routine visual inspection of all recently constructed pads is performed daily during freshet, and weekly and following rain events during the rest of the summer, as part of the freshet action plan. In the event turbid runoff is found, corrective actions are put in place, such as straw booms, turbidity curtains, etc.

Closure

We trust that the above details described appropriately the spill incident reported at the Whale Tail site on August 7, 2020 and the cleanup activities. Please contact the undersigned should you have any questions.



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