



2020-09-09 WTHR 650L Petroleum Products

GN reference #: 2020-328

Please find the following information as a follow up to the Spill report submitted September 10, 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 operation along the Whale Tail Haul Road, Haul Truck 05 pulled onto the shoulder of the road to give way to oncoming traffic. As the operator was pulling over, the shoulder of the road softened up and caused the truck to come to a stop in the tundra, 5 meters from the road. In the process, the haul truck was damaged and some petroleum products (engine oil, hydraulic oil) were spilled. All spilled fluids were contained near the truck, with no impact on any nearby water bodies. It is estimated a total of 650L of fluids were spilled, mainly hydraulic oil.



Spill location: 65°21'56.06"N, 96°36'9.61"W

There were no off-site impacts or discharge to any receiving watercourses. Distance to the closest water body is 120 meters.

Cause of Spill

The spill occurred due to equipment damage, as it went off the road.

Remediation Actions

A small sump was excavated next to the broken down haul truck to control any potential spilled fluids from spreading to the environment. A total of 48,000L were pumped to totes and water truck, and brought back to the Meadowbank Tailings Storage Facilities.

Thereafter, a total of 30m³ of contaminated soil was collected and ultimately brought to the meadowbank landfarm. Oil absorbent pads were used to collect any residual oils, while water was being contained and collected. Using a VOC monitor, it was determined there were no fumes. Water samples of the nearest stream and the nearest lake were taken following the removal of contaminated soil for oil and grease. Results were respectively 2mg/L and 0mg/L, both under water license (2AM-WTP1830) discharge criteria limit of 5mg/L for water within secondary containment of fuel farms. Both locations were resampled on October 5th, and sent down south for analysis.



Upon completion of cleanup, excavated material was replaced with natural overburden material from stripping operation of the IVR pit, as part of the Whale Tail Pit Project Expansion, roughly located 7 km away.



Corrective measures

Location susceptible to have soft shoulders were re-worked along the Whale Tail Haul Roads. The nearby lake was sampled in October, and will be sampled again next freshet to confirm no water bodies were impacted by this spill.

Closure

We trust that the above details described appropriately the spill incident that occurred along the Whale Tail Haul Road on September 09, 2020 and the cleanup activities. Please contact the undersigned should you have any questions.



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