

August 13, 2019

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Subject: W2016F0006: Spill 2019275 Report

Pursuant to Part C, Condition 17(c) of Land Use Permit W2016F0006, Dominion Diamond Mines ULC (Dominion) is providing a detailed report on Spill 2019275 which occurred on July 6, 2019 on the Pigeon and Sable Haul Road (see Figure 1 for locations).

Summary

On July 6, 2019 approximately 170 L of a dust suppressant (Envirokleen) was applied to two areas (4,000 m² total area) which had been marked as no-spray zones. The areas had been marked as no-spray zones due to close proximity (within 15m) with non-fish bearing water bodies along the haul road. Dominion Environment Department learned of the misapplication on July 10, 2019 and notified the Inspector immediately.

Root Cause

The driver of the tanker truck applying the Envirokleen was given both a map as well as visual aid markers on the side of the road ("Start" and "Stop" stakes) for where not to apply the product. The driver did not notice some of the stakes and loosely followed the map to determine where to spray and not to spray. This resulted in the driver not exactly following the demarcated areas which had been determined no-spray zones.

Immediate Action Taken

The misapplication only occurred during the first pass in the southbound lane in the areas of misapplication. The area was not sprayed with subsequent coats and the northbound lane in these areas were not treated at all.

Dominion Environment Department personnel met with the Site Services team to discuss the incident prior to any additional treatments of EnviroKleen being applied on the Pigeon and Sable Haul Road. Reasoning for the no-spray zones and the importance of using the stakes as guides were discussed.

Figure 1. Locations involved with Spill 2019275



Follow Up Action Taken

Based on feedback received from Site Services, Environment personnel repainted all of the stakes and applied flagging tape to greatly increase visibility for the driver while applying EnviroKleen. Environment staff is now driving the route prior to any additional applications to ensure that all stakes are in the correct locations and highly visible to the Site Services team. These actions were put into place prior to a subsequent EnviroKleen treatment on July 30, 2019 and the application went well with no errors noted.

We trust this report is clear and informative. If you have any questions or comments please contact the undersigned at dustin.chaffee@ddcorp.ca or (867) 669-6164 or Lynn Boettger at lynn.boettger@ddcorp.ca or (867) 766-6914.



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Yours Sincerely,

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