

# **Stericycle Environmental Solutions**

## **ACTION REPORT**

Lowe's #061

Incident Location:  
3300 169<sup>th</sup> Place NE  
Arlington, WA 98223

Incident Date: 02/22/2016  
PRO/Case# 00238198

Prepared By:  
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Stericycle Environmental Services

## Incident Summary

Stericycle was contacted by Infotrac requesting responders to an incident involving fuel spilled from a saddle tank in Arlington, WA on 2/22/2016 at approximately 11:38 AM CST.

Stericycle's response crew arrived at the site at 2:06 PM CST on 2/22/16 and began assessing the incident site. It was discovered that a tractor had driven over a curb puncturing the saddle tank causing the release of approximately 40-70 gallons of diesel fuel onto grass and gravel. Due to the ground being porous it was estimated that the contamination could be 4-6' deep. Due to the volume and nature of the release and contamination a Vactor was requested to vacuum both liquid fuel and contaminated soil. A bobcat with backhoe and roll-off bin was also requested to facilitate remediation. The weather was threatening to rain so the crew was prepared to tarp the area to secure it. While conducting remediation efforts the crew dug approximately 2.5' down and hit hard-pan soil. This has complicated the remediation as the fuel has no run and spread along the surface of the hardened soil. It was also discovered that the fuel had travelled under the parking lot which was not previously expected. Crew demobilized from the site at 8:15 PM CST with samples taken from the excavation and waiting upon the state to drive any further work.

Lowes Corp requested the crew return on 2/23/2016 to pump out the standing water and fuel mixture from rains the previous night. The crew arrived onsite at 3:15 PM CST and began pumping the contaminated water from the dig site. Once pumped the crew placed absorbent boom at the bottom of the excavation to assist with fuel absorption and reduce possible migration. The crew completed pumping and secured the site at 7:47PM CST. The vactor contents were decanted into 4-55G drums and a 10yd roll-off.

The crew was dispatched to arrive back onsite 2/25/2016 at 10:29AM CST to continue with remediation efforts through excavation. 2-20yd roll-off bins were also brought to the site for containment of excavated materials. The crew dug 8 sample areas to try to define the extent of the contamination below surface and find the extent of the migration. It was deemed that approx. 40'x20' at a mass of 65yds or 75 tons was impacted and would require removal. The work schedule derived by the new findings was to: complete the filling of the 20yd roll-off for 2/25/2016. Return to the site and continue excavation on 2/26/2016, return Monday 2/29/2016 to complete the excavation. Await confirmation sample results Tuesday and Wednesday 2/30-2/31/2016, and backfill on Thursday and Friday 3/1-3/2/2016. Waste deliveries from the excavation began on Friday 2/26/2016. The crew stopped work Friday 2/26/2016 at 4:53 PM CST.

Work continued on 2/29/2016 and 30yd of contaminated soil was excavated.

Lab results were received on 3/3/2016 showing that the excavated areas still had above allowable limits of fuel contamination and the excavations would have to continue.

3/4/2016 conference was held between Stericycle, the responder supervisor, and Store MOD to discuss coordination of both remediation and store activities as the planned excavation would impede loading and receiving of supplies to the store. The plan was to begin excavation of the parking lot on 3/7/2016 and pull more soil samples for analysis. 3/9/2016 would be review of analytical and either schedule more excavation or begin closure depending upon results.

3/8/2016 the crew responded back onsite to conduct the excavation. At the end of the day 1.5 roll-offs were filled and plan was to return 3/9/2016 to complete excavation efforts. Crew was onsite from 11:10 AM CST to 4:25PM CST.

3/9/2016 crew is back onsite continuing excavation. Once excavation is completed, confirmation samples will be taken. Crew was onsite from 11:12AM CST to 3:05PM CST.

Between 3/7/2016 and 3/14/2016 roll-off boxes were being removed and taken to the disposal facility at the pace of 1 per day. 3/14/2016 the analytical results were received from the extended excavation and the results were below regulatory limits. The crew plans to schedule/begin backfill efforts and prepare for restoration of landscape, parking lot, and the curb.

3/17/2016 crew returned to conduct backfilling of the excavation site. Water from the previous rainfalls had filled the excavation site requiring a vacuum truck to remove the water to allow the backfill process. Due to the impedance of the water, the backfill will take 2 days. The composition matrix that was removed will be replaced to exact proportions.

3/21/2016 crew is back on site to complete the backfill operation. Once completed, they will schedule a concrete vendor to repair the curb and an asphalt vendor to repair the parking lot.

3/25/2016 curb repair to happen today between 10:30AM and 11AM PST. The asphalt repair will either happen 3/28/2016-3/29/2016 or 3/29/2016-3/30/2016.

4/1/2016 crew has verified that the repair work is completed. This concludes the mitigation of the fuel spill.

The material was collected by the response crew. There were up to 7, 40 hour trained 1<sup>st</sup> responders involved in the release mitigation. The waste generated from this spill was accumulated into 4 UN rated 55 gallon steel drums, 2 tanker trucks, and 5 roll-offs. All waste was shipped to a Stericycle approved TSDf for disposal.

The material was classed as Non-Regulated Waste.

If you have any questions regarding this report, please contact Jason Jacobs, Stericycle Environmental Services, LLC by e-mail at [chris.baker@stericycle.com](mailto:chris.baker@stericycle.com).