

Diesel Fuel Removal From Retention Pond

Shelbyville, KY – November 2007

A tractor trailer driving through a Wal-Mart parking lot in Shelbyville, Kentucky struck a light pole mounted in concrete rupturing the truck's fuel tank. Approximately 150 gallons of diesel fuel was released onto the parking lot and into a retention area that discharges into a large creek. Approximately four miles of creek was affected by this release.

C.I.Agent® Granules and C.I.Agent® Marine Booms were placed at the entrance and exit of the retention area. C.I.Agent® Quick Deployment Booms and C.I.Agent® Sheen Booms were placed at several locations in the creek. The last C.I.Agent® Sheen Boom was placed approximately four miles from the spill site. Once all booms were in place, the local fire department flowed about 1,000 gallons of water to flush the drains and float the diesel fuel into the awaiting booms.



Drain leading to creek.



First C.I.Agent® Sheen Boom.



Final C.I.Agent® Sheen Boom.

C.I.Agent® Costs Comparison

	C.I.Agent®	Conventional Method (had they not used C.I.Agent®)
Clean Up Period:	8 hours	
Materials:	40 lbs. of C.I.Agent® Granules 8 C.I.Agent® Marine Pillows 4 C.I.Agent® Sheen Booms 6 C.I.Agent® Quick Deployment Booms	
Product Retrieved:	150 gals. of diesel fuel	
Waste:	approximately 500 lbs. of diesel fuel	
Total Cost:	\$11,272	\$16,372 (estimate)

Benefit Summary: Client experienced \$5,100 reduction in clean up by using C.I.Agent® Products instead of the conventional vacuum truck method. Additional benefits of C.I.Agent® is its ability to solidify the hydrocarbon without having to process any water. It also renders the material non-hazardous, which allows the C.I.Agent® solidified product to be placed in a landfill, recycled into plastic products, or blended with asphalt.