

Case Study #24

Client Category: Emergency Response, heating oil spill

Location: Pennsylvania, USA

Problem: 275 gallons of heating located in a basement were spilled when an automobile struck the building. The basement was a dirt surface and approximately 900 square yards were affected. TPH levels ranged from 3500 - 9800 ppm.

Custom Treatment: The recommended daily dosage of **Custom HC** was applied directly on the soil. Nutrients were also added.

Custom Results: The following averages were obtained after six weeks of treatment.

	Site 1	Site 2	Site 1	Site 2
	Before	Before	After	After
TPH (ppm)	3500	9800	63	ND

Note: ND = Non-Detectable

The Pennsylvania Department of Environmental Resources (PA DER) established standards for contaminated soils of 200ppm TPH. The final sample results are well within this criteria; therefore, no further corrective action is warranted for this site.