

Emergency Response Related Project Experience

Description: *Diesel Fuel Spill Cleanup*

Site: *Manufacturing Facility*

Location: *Indiana*

The client contacted IES with an emergency involving a diesel fuel storage tank that had leaked several thousand gallons into a storm sewer. The diesel fuel traveled through the storm sewer system for approximately one mile to a creek outfall. The creek emptied into a major waterway known for aquatic life and sport fishing. Because of IES's quick response all product was contained to the creek. The storm sewer system was cleaned and all diesel fuel in the creek was recovered. Soils in the creek were excavated. The creek was restored.

Description: *Semi-Tractor Diesel Fuel Spill Cleanup*

Site: *Truck Stop Parking Lot*

Location: *Wisconsin*

A truck driver collided with a concrete barrier in the parking lot of a major truck stop after fueling up. Diesel fuel was spread in a three-foot wide by 200-foot long path. The impacted area where the truck stopped measured 60 feet by 40 feet. IES cordoned off the area and placed adsorbent material over the diesel fuel and on the pavement. The adsorbent was then swept up, placed into a roll-off box and disposed of.

Description: *Semi-Tractor Diesel Fuel Spill Clean up*

Site: *Highway and Shoulder*

Location: *Michigan*

The client contacted IES to respond to a spill from a traffic accident involving a semi tractor/trailer. A fuel tank was ruptured spilling approximately 120 gallons on the roadway and grass medium. IES work crews cleaned up all spilled product on the roadway and excavated the grass medium. Samples of the excavated area were taken and the site was backfilled and restored.

Description: *Dye Spill*

Site: *Roadway*

Location: *New York*

The client contacted IES to dispatch personnel to oversee cleanup activities of a dye spill. The dye had leaked from a semi trailer carrying a shipment of drums. The dye product was spread for approximately 5 miles on the roadway. IES personnel managed all cleanup, regulatory and public relation activities. Cleanup was finished below cost expectations.

Emergency Response Related Project Experience

Description: *High Calcium Quicklime Spill Cleanup*

Site: *Highway Shoulder*

Location: *Indiana*

A truckload of high calcium cement spilled on the highway shoulder and rain was threatening. IES personnel staged the product recovered from the shoulder of the road and covered it along with the soil where the spill had occurred. A vacuum-truck was used to collect over 1,000 gallons of impacted surface water from the adjacent ditch. The site was secured for the night. The following day excavation activities removed the staged material and impacted soil until a pH of 9 or less was obtained from the soil floor. Additional surface water was also removed during excavation activities. The soil material was hauled away for recycling. The excavated area was backfilled with topsoil, seeded and covered with straw.

Description: *Salt Truck Accident and Spill*

Site: *Highway Median Drainage Ditch*

Location: *Illinois*

An accident involving a salt truck and SUV resulted in the release of diesel fuel, transmission fluid, anti-freeze and blood borne pathogen waste material. The liquid materials drained into a contained drainage ditch, which held approximately 300 gallons of accumulated storm water. IES removed one cubic yard of soil impacted with blood borne pathogens. Six 55-gallon drums of fluids were collected and disposed of. Additional soil was removed from the drainage ditch and the excavated area was backfilled with clean soil.

Description: *Mercury Spill Cleanup*

Site: *High School Basement*

Location: *Illinois*

The client reported that a small quantity of mercury had spilled in the basement near the boilers. IES personnel proceeded to the site with a mercury vacuum. Upon arrival at the site, it was determined that the mercury was stored in lockers, that had been overturned, which caused a larger spill than originally reported. Areas included a 12' by 30' floor, lockers, stairwell and floor-drain. IES personnel contacted the Illinois State Board of Health to report the incident. State representatives met with IES personnel to perform air monitoring and determined additional areas would need to be remediated. Additional mercury sources were identified which were also remediated.
