

EnviroBlend® has extensive knowledge of the fate and transport of heavy metal contamination, as well as remedial action experience. Our scientists have spent years developing cost-effective chemistries for rendering lead, cadmium, arsenic, hexavalent chromium, zinc and other heavy metal contaminants non-hazardous. This research has resulted in a number of patented products that have been widely applied for heavy metal remediation sites across the country.

Former Conoco Fertilizer Manufacturing Facility – South Carolina

EnviroBlend was used to treat 90,000 cubic yards of soil and groundwater from a former fertilizer manufacturing facility. The soil was treated in-place and up to depths of 30 feet.

Former Ashepoo Fertilizer Works – South Carolina

Spills at this former Ashepoo fertilizer works contaminated the soil and groundwater with acid, arsenic, and lead. Sampling found arsenic as high as 220 mg/L. Over 45,000 cubic yards of saturated affected soil were effectively treated *in-situ* with EnviroBlend to below-drinking water standards. The site was located in a tidally influenced coastal environment, and the project was hailed as a success by both the USEPA and the client.

Industrial Waste Disposal NPL Site – South Carolina

Stabilization of more than 57,000 cubic yards of soil impacted by arsenic, cadmium, chromium, lead, mercury, and nickel. The site is surrounded by extensive residential development. Advanced geostatistics and XRF analysis were used to focus the site excavation and treat and handle only affected soil. We constructively reused treated soil, sludge, and waste. The treated soil was used as internal berms within the on-site landfill. Results included a significant reduction in the treatment of additional material by attributing the existing chromium to background sources. The project was performed for a final cost of \$7 million versus the preliminary cost estimated at \$12-\$25 million, based on USEPA data.

Columbia Development Corporation – South Carolina

Remediated over 500 tons of lead-impacted soil at a potential brownfield redevelopment site. Rendered the soil non-hazardous without additional treatment, soil reused on site. Met the client's 2-week timeframe, completing the project prior to implementation of UTS standards. Performed the project at 1/2 the cost of the alternative, which would have been disposing of in a hazardous waste landfill.