

EnviroBlend<sup>®</sup> 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.

### ***Property Development Corporation -South Carolina***

Remediated over 500 tons of lead-impacted soil at a brownfield redevelopment site. Rendered the soil non-hazardous without additional treatment, soil reused on-site. Completed the project in 2-weeks and at 1/2 the cost of the alternative—disposing of in a hazardous waste landfill.

### ***Property Development Corporation – Rhode Island***

Treated 750 tons of arsenic-impacted soil using conventional construction equipment. Treated material was used for on-site backfill.

### ***Former Steel Mill – Illinois***

The treatability study confirmed the cost-effectiveness of the product when compared to competing chemistries and mechanical disposal alternatives. Treated 20,000 tons of lead-contaminated soil.

### ***Former Lumber Company – Brownfield Site – Wisconsin***

Former landowner used the 45-acre site in Taylor County to treat lumber with copper-chromated arsenate (CCA). Arsenic levels exceeded 1,000 mg/kg in some areas. EnviroBlend was used to stabilize approximately 2,400 tons of soil contaminated with CCA. Arsenic concentrations in the soil were reduced to less than 0.005 mg/L. Treated material was left on-site.

### ***Brownfield Site – New Jersey***

The untreated soil contained lead totals ranging from 2,000 mg/kg to 40,000 mg/kg in characterization testing. Composite sample 3 resulted in 4,100 mg/kg arsenic, leaching at 10.2 mg/L in TCLP prior to treatment. A dosage rate of 1% wt./wt. EnviroBlend HX reduced arsenic leachability to 0.40 mg/L.

SPLP testing was conducted for leaving some materials on-site, with a target of 1.0 mg/L or less, and coupled with acceptable TCLP results. 5% wt./wt. dosage of EnviroBlend 50/50 HX met both criteria.