# California

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 Skeet and Trap Shooting Range – California*

20,000 tons of lead-contaminated soil was remediated to below TCLP treatment standards using EnviroBlend CS. The soil was excavated into stockpiles and batch-treated. The remediated soil was removed off-site to a non-hazardous landfill.

### *Secondary Aluminum Smelter – California*

A secondary aluminum smelter in California, makes use of an EnviroBlend multifaceted product allowing for both the acid gas and toxic heavy metals to be rendered environmentally safe for nonhazardous class disposal. The proprietary blend of mineral based EnviroBlend compounds is used inline via an EPA compliant Totally Enclosed Treatment System (TETS) to address the hydrochloric acid and lead dust from the process.

The result has been the reduction of costs on both the reagents used and the disposal of the wastes generated. It has also reduced the amount of capital expenditure on the equipment needed to stay in compliance with their regulatory requirements. The baghouse used for dust and reagent capture is now under less attack by the harmful gases and the efficiency of filtration system has much improved.

Premier Magnesia, LLC's EnviroBlend division was able to tailor a unique blend that stabilized the heavy metals while neutralizing the acid gas inline via duct work injection at a minimal investment of a low-cost feed system.