



Weymouth Neck Project

ConocoPhillips/URS/Clean Harbors
South Weymouth, Massachusetts

Technology: Proprietary blend of three reagents to meet both TCLP and SPLP requirements for lead and arsenic, reagents delivered in bulk and mixed in-situ with specialized blending equipment

Regulatory: Massachusetts Contingency Plan (MCP)

Type: In-Situ Chemical Fixation Project

Position: Remediation Contractor

Contaminating metal: Lead (Pb) and Arsenic (As)

Volume of media: 55,700 Tons

Type of material: Fertilizer Manufacturing Waste

TCLP baseline: 28-44 mg/l

TCLP treated: <0.75mg/l to ND



SSTT provided stabilization recipe design, pilot testing, field supervisor and reagent procurement for the in-situ treatment and processing of arsenic- and lead-bearing soil at the Weymouth Neck Project. The stabilized soils were tested by both TCLP and SPLP methods, and the treated soil passed MA GW-3 groundwater standards and RCRA TCLP levels for on-site reuse. Treatment operations were performed in-situ to depths of 15' with specialized slurry/mixing equipment.



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