



## ***Lansdowne Street Housing Project***

**Massachusetts Institute of Technology (MIT)  
Cambridge, Massachusetts**

**Technology:** Patented liquid reagents and specialized storage and application equipment used during the new construction project. Portability of the system key to treatment of distinct areas identified by site engineers.

**Regulatory:** Massachusetts Contingency Plan (MCP)

**Type:** In-Situ Chemical Fixation Project

**Position:** Remediation Contractor

**Contaminating metal:** Lead (Pb)

**Volume of media:** 7,300 Tons

**Type of material:** Urban Fill

**TCLP baseline:** 5.2-390 ppm

**TCLP treated:** <0.75mg/l to ND



Soil Solutions was contracted to provide a patented and cost effective in-situ chemical fixation for TCLP Lead-impacted soils at the site. The scope of the project included: bench-scale testing to determine the appropriate reagent and dose, mobilization of specialized chemical process equipment, application of the patented stabilizers, confirmation analyses and off-site transportation and disposal to an out-of-state lined Subtitle D landfill. Soil Solutions successfully treated 7,300 tons of RCRA Hazardous waste to a RCRA Non-Hazardous waste. Treatment was performed in-situ using one (1) foot lifts with surface tilling to achieve proper reagent contact and distribution.



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