

Urban Lead Study

✖ Hand Auger Soil Boring



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West Brown Street

--- SITE BOUNDARY



Remedial Actions

<p><u>Removal & Disposal:</u> Excavate impacted soil for off-site landfill disposal and backfilling the area with clean imported soil.</p>	<p>\$7.99 to \$15.89 per square foot</p>	<p>Lower unit cost applies to sites with 0 to 2' excavation depth. Higher unit cost for 0 to 4' excavation.</p>
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Remedial Actions

Option #2A	<u>Clay with Topsoil Cap:</u> Place 2-ft of clean clay and 6-inch of topsoil over the impacted area and grade to match the existing grade.	\$2.26 to \$2.51 per square foot	Cost range reflects property size – low unit cost applies to property size larger than 10,000 square feet.
Option #2B	<u>Topsoil Cap:</u> Place 6-inch of topsoil over the impacted area.	\$0.59 to \$0.84 per square foot	Cost range reflects property size – low unit cost applies to property size larger than 10,000 square feet.

Remedial Actions

Option #2C	<u>Topsoil Cap with Gravel warning layer:</u> Place 6-inch of topsoil and 6-inch of gravel over the impacted area. The gravel layer will serve as warning layer beneath the topsoil.	\$1.01 to \$1.26 per square foot	Cost range reflects property size – low unit cost applies to property size larger than 10,000 square feet.
Option #2D	<u>Topsoil Cap with Geogrid warning layer:</u> Place 6-inch of topsoil over a Geogrid to cap the impacted area. The Geogrid will serve as warning layer beneath the topsoil.	\$0.93 to \$1.18 per square foot	Cost range reflects property size – low unit cost applies to property size larger than 10,000 square feet.

Remedial Actions

Option #3	<u>In Situ Soil Treatment:</u> Mixing chemical amendments to impacted soil using a garden fork or rototiller. Typical mixing depth 8-in.	\$0.65 to \$5.0 per pound*	See Appendix B for cost of various amendments and application rate provided by USEPA.
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*In situ soil treatment estimate includes material cost only. Gardeners may be able to mix chemical amendments into soil safely depending on the treatment chosen.