APPENDIX A
Table 7
DEFAULT VALUES FOR CALCULATING MEDIUM-SPECIFIC CONCENTRATIONS FOR LEAD

Input Values Used in UBK Model for Lead
(for residential exposure scenario)

Geometric Standard Deviation (GSD)	1.42 (default)	Drinking water intake	Model default
Outdoor air lead concentration	0.2 μg/m^3 (default)	Soil lead level	495 μg/g
Indoor air lead concentration (% of outdoor)	30	Indoor dust lead level	495 μg/g
Time spent outdoors	Model default	Soil/dust ingestion weighting factor (%)	45
Ventilation rate	Model default	Paint lead intake	Model default
Lung absorption	Model default	Maternal contribution method	Infant model
Dietary lead intake	Model default	Mother's blood lead at birth	7.5 μg/dL blood (model default)
GI method/bioavailability	Non-linear	Target blood lead level	10 μg/dL blood
Lead concentration in drinking water	4.00 μg/L (default)		

Input Values Used in SEGH Equation
(for nonresidential exposure scenario)

Concentration of lead in soil (S)	987 μg/g
Target blood lead level in adults (T)	20 μg/dL blood
Geometric standard deviation of blood lead distribution (G)	1.4
Baseline blood lead level in target population (B)	4 μg/dL blood
Number of standard deviations corresponding to degree of protection required for the target population (n)	1.645 (for 95% of population)
Slope of blood lead to soil lead relationship (δ)	7.5 μg/dL blood per μg/g soil

REFERENCE

WIXSON, B.G. (1991). The Society for Environmental Geochemistry and Health (SEGH) Task Force Approach to the Assessment of Lead in Soil. Trace Substances in Environmental Health . 11-20.