

# RULES AND REGULATIONS

## Title 25—ENVIRONMENTAL PROTECTION

### ENVIRONMENTAL QUALITY BOARD

[ 25 PA. CODE CH. 250 ]

#### Corrective Amendments to 25 Pa. Code Chapter 250, Appendix A, Table 7

The Department of Environmental Protection has discovered discrepancies between the agency text of 25 Pa. Code Chapter 250, Appendix A, Table 7, as deposited with the Legislative Reference Bureau, published at 27 Pa.B. 4181 (August 16, 1997), and the official text published in the *Pennsylvania Code Reporter* (Master Transmittal Sheet No. 327, February 2002). When amendments to 25 Pa. Code Chapter 250, Appendix A adopted at 31 Pa.B. 6395 (November 24, 2001) were codified, Table 7 was inadvertently omitted.

Therefore, under 45 Pa.C.S. § 901: The Department of Environmental Protection has deposited with the Legislative Reference Bureau a corrective amendment to 25 Pa. Code Chapter 250, Appendix A, Table 7. The corrective amendment to 25 Pa. Code Chapter 250, Appendix A, Table 7 is effective as of February 2, 2002, the date the defective official text was announced in the *Pennsylvania Bulletin*.

The correct version of 25 Pa. Code Chapter 250, Appendix A, Table 7 appears in Annex A.

#### Annex A

### TITLE 25. ENVIRONMENTAL PROTECTION

#### PART I. DEPARTMENT OF ENVIRONMENTAL PROTECTION

#### Subpart D. ENVIRONMENTAL HEALTH AND SAFETY

#### ARTICLE VI. GENERAL HEALTH AND SAFETY

#### CHAPTER 250. ADMINISTRATION OF LAND RECYCLING PROGRAM

#### Subchapter C. STATEWIDE HEALTH STANDARDS

#### APPENDIX A

<b>Table 7</b>			
<b>DEFAULT VALUES FOR CALCULATING MEDIUM-SPECIFIC CONCENTRATIONS FOR LEAD</b>			
<b>Input Values Used in UBK Model for Lead</b>			
<b>(for residential exposure scenario)</b>			
Geometric Standard Deviation (GSD)	1.42 (default)	Drinking water intake	Model default
Outdoor air lead concentration	0.2 µg/m <sup>3</sup> (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)		
<b>Input Values Used in SEGH Equation</b>			
<b>(for nonresidential exposure scenario)</b>			
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.

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