

**Errata (2010) for “Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms”<sup>1</sup>**

<b>Text location</b>	<b>Current text</b>	<b>Explanation of correction</b>	<b>Corrected text</b>	<b>Reason for correction</b>
Section 4, Quality Assurance, Section 4.4.1, Page 10	“The concentration of the metals Al, As, Cr, Co, Cu, Fe, Pb, Ni, and Zn, as expressed as total metal, should not exceed 1 mg/L, each,....”	Change units from mg/L (milligram/liter) to µg/L (microgram/liter).	“The concentration of the metals Al, As, Cr, Co, Cu, Fe, Pb, Ni, and Zn, as expressed as total metal, should not exceed 1 µg/L, each,....”	Typographical error
Section 4, Quality Assurance, Section 4.8.3, Page 11	“If the concentration of total organochlorine pesticides exceeds 0.15 mg/g wet weight, or the concentration....”	Change units from mg/g (milligrams/gram) to µg/gram (micrograms/gram).	“If the concentration of total organochlorine pesticides exceeds 0.15 µg/g wet weight, or the concentration....”	Typographical error
Section 4, Quality Assurance, Section 4.17.1, Page 16	“...requiring aquatic toxicity tests. EMSL-Cincinnati hopes to release USEPA-certified solutions of cadmium and copper for use as reference toxicants through cooperative research and development agreements with commercial suppliers, and will continue to develop additional reference toxicants for future release. Standard reference materials...”	Delete sentence.	“...requiring aquatic toxicity tests. Standard reference materials....”	EMSL-Cincinnati is no longer providing this service.
Section 7, Dilution Water, Section 7.2.3.1, 5 <sup>th</sup> step, Page 27	“For <i>Ceriodaphnia dubia</i> culturing and testing, add sufficient sodium selenate (Na <sub>2</sub> SeO <sub>2</sub> ) to provide 2 mg selenium per liter of final dilution water.”	Change units from mg/L (milligrams/liter) to µg/L (micrograms/liter)	“For <i>Ceriodaphnia dubia</i> culturing and testing, add sufficient sodium selenate (Na <sub>2</sub> SeO <sub>2</sub> ) to provide 2 µg selenium per liter of final dilution water.”	Typographical error
Section 13, Daphnid, <i>Ceriodaphnia dubia</i> , Survival and Reproduction Test Method 1002.0, Section 13.10.2.3, Page 155	“The neonates must be obtained from individual cultures using brood boards, as described above in Subsection 13.6.16.6, Individual Culture (also see Section 6, Test Organisms).”	13.6.16.6 should be 13.6.16.2, which refers to how to obtain individual cultures, rather than describing records to maintain.	“The neonates must be obtained from individual cultures using brood boards, as described above in Subsection 13.6.16.2, Individual Culture (also see Section 6, Test Organisms).”	Typographical error
Appendix C, Section 1.10, Page 274	$MSD = 2.36(0.097)[3\sqrt{(1/4)+(1/4)}] = 2.36(0.097)[\sqrt{2/4}]$	“3” before square root removed from formula.	$MSD = 2.36 (0.097) [\sqrt{(1/4)+(1/4)}] = 2.36 (0.097) [\sqrt{2/4}]$	Typographical error
Appendix C, Section 1.11, Page 274	“...as statistically significant is 0.087 mg.”	0.087 mg should be 0.162 mg.	“...as statistically significant is 0.162 mg.”	Typographical error (see example in Section 1.10)

<sup>1</sup> Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms. Fourth Edition. U.S. Environmental Protection Agency, Office of Water, Washington, DC EPA/821/R-02/013, October 2002