

Errata as of 3/10/06

Page	Error
50 Table 2-2	The last line should read “bisulfate” not “bisulfite”
59 Equation 2-64a	Right hand side of the equation should read $= k_a t$
69 Ex. 2-21	The first line should read K_{a1} not pK_{a1} .
76 key for equation 2-92a	R has incorrect units, should be K^{-1} (mistake occurs twice)
136, paragraph Bioaccumulation	“This process results from bioaccumulation”. Should be “in” rather than “from”.
193	Last line of example 6-1 units should be $m \cdot month^{-1}$ $(575,076 \text{ m}^3\text{-month})/(708,000 \text{ m}^2 = 0.81 \text{ m-month}$ Changing the units makes the units cancel as they should.
194	First word should be “a” not “as”
Figure 3-10	should be gradual increase in $C_{effluent}$
HW (2.7 in solutions?) This is a problem with the solution manual not the text. I need to look at the solution manual which I have not done.	no part b, no mention of pH 10.5
268	Delete reference [5] in second line of paragraph under Suspended Solids
277	Eq 8-8 and 8-9 – why use different terminology for the same thing? Students reported being confused by this I would disregard this – both notations are used and they should know both.
279 Equation 8-10a (last line)	Should read (volume of seed in diluted sample)/(volume of seed in seed control) [parenthesis was missing]
279, Example 8-5	$P = 0.0233$, not 0.022
281 (second to last line)	Should read $k = 0.08$ to 0.2 day^{-1}
288 in Example 8-10	“Equation 8-26” and should read “equation 8-30”
330 One faculty member complained that colloids were not defined here, but they are defined on page 64. So I thought that in the last paragraph we could add something at the end of the paragraph – stating that	For an extended definition of colloids (or colloidal particles) see page 64 of this text.

the definition is on page 64.	
356	First para on page should end with “disinfection by-products” rather than “disinfect”.
357, Table 9-4 No units are given for CT values. So insert in title: CT Values (mg-min-L ⁻¹)	Units should be (mg/L).min
358, Carbon Adsorption (4 th line from bottom of paragraph)	Replace “sorbed” with “adsorbed”
368, 9-11 Answer Manual The mistake is not in the text but in the solution manual for the problems.	The answer manual should state four 10x10 ft beds (need to correct answer manual)
376 (third line of text)	“covered building fabric” should be “covered with building fabric”
383, third paragraph, 12 th line	“achieved in relatively a short time” should be “achieved in a relatively short time”
419	Equation 10-50 is incorrect. Denominator in parentheses should be: (M _f S _v + M _v S _f)
421, Example 10-11	he answer is correct - the problem is with the conversion. It should be (10 ⁻⁶ kg/mg)(1000 L/m ³) not 10 ⁻³ kg/g as the problem reads.
466 in definitions for Equation 11-12	Should read: s _y , s _z = plume dispersion coefficients not “standard deviations”
466 in definitions for Equation 11-13	should read u = wind speed (in “m/s”) not “m”
469 Example 11-3	Should read “Equations 11-15 and 11- 16” not 11-14 and 11-15
508 Second paragraph, second line	“Resource Recovery and Conservation Act” should be “Resource Conservation and Recovery Act”
692	CSO entry should be 267, not 268