



Storm Water Management Model Reference Manual Errata

Volume I: Hydrology (EPA/600/R-15/162A, January 2016).

Page 28: The headings for the last two columns of Table 1-4 should be **US Units** and **SI Units**, respectively.

Page 76: Equation 3-14 on page 76 should read:

$$d_s = 0.303S^{-0.49}$$

Page 116: The fourth sentence in the first paragraph should read as follows:

“After a soil is allowed to dry thoroughly, the residual moisture content that remains is ϕ_r .”

Page 147: The column headings for Table 5-4 are missing. They should appear as:

Soil Texture Class		Porosity (ft ³ /ft ³)	Field Capacity (ft ³ /ft ³)	Wilting Point (ft ³ /ft ³)	Saturated Hydraulic Conductivity, in/hr
USDA	USCS				

Page 188: The entry for the *Typical Range* of the *WEFLOW* parameter in Table 6-2 should be 0.05 to 0.2.

Volume II: Hydraulics (EPA/600/R-17/111, May 2017)

Page 54: In Equation 3-28, H^t should be replaced with H^{last} .

Page 54: The definition of H_{crown} should be:

H_{crown} = elevation of the crown of the node's highest connecting flowing conduit (ft)

Page 60: Equation 3-34 should be:

$$S'_0 = S_0 L/L'$$

Page 96: In item 5 of the side bar, the partial submergence equation for area a should be:

$$a = \alpha^2 w \Delta y / 2 .$$

Page 99: In Equation 5-26, Y_N should be replaced with Y_n .

Page 120: In Equation 6-26, H_2 should be replaced with $H_2 - Z_W$ and H_1 with $H_1 - Z_W$.

Pages 130 and 131: The expression for $\Delta Q_{lateral}$ should be:

$$\Delta Q_{lateral} = 2.5 \bar{U} q_L \Delta t.$$

Page 147: The reference to Equation 7-48 in the third item in the numbered list should actually be to Equation 7-51.

Page 158: The caption for the continuation of Table E-1 should refer to Table E-1, not E-2.

Page 159: The caption for the continuation of Table E-1 should refer to Table E-1, not E-3.

Page 160: The table on this page should be labeled Table E-2, not E-4.

Page 161: The entries in the third column of Table F-1 for rows 2 and 3 (the Egg shape at Y/Y_{full} values of 0.04 and 0.08) should be 0.0116 and 0.0316, respectively.

Page 162: The entries in the third column of Table F-2 for rows 2 and 3 (the Egg shape at Y/Y_{full} values of 0.04 and 0.08) should be 0.325 and 0.427, respectively.

Page 164: The entries in the third column of Table F-4 for rows 2 and 3 (the Egg shape at Y/Y_{full} values of 0.04 and 0.08) should be 0.130 and 0.244, respectively.