

List of Revisions to USDCM Volume 3

The following lists revisions made following the November 2010 update:

1. Chapter 4, Fact Sheet T-5, page EDB-5 (Dec. 15, 2010):

Replaced Equation EDB-3 to be consistent with the Technical Memorandum dated July 13, 2010. The equation is correct in UD-BMP v. 3.0. The correct equation is:

$$A_o = \frac{88V^{(0.95/H^{0.085})}}{T_D S^{0.09} H^{(2.6S^{0.3})}} \quad \text{Equation EDB-3}$$

2. Preface, (August 2011):

Changed “UD-BMPCost” to “BMP-REALCOST”.

3. Chapter 1, (August 2011):

Added units to Table 1-2.

4. Chapter 2, (August 2011):

Corrected equation 2-2. (Replaced nP_R with nR_R .) The correct equation is:

$$C_R = \frac{NPV}{nR_R} \quad \text{Equation 2-2}$$

5. Chapter 3, (August 2011):

Corrected units in Equation 3-1. Imperviousness should be a ratio here, not a percentage.

6. Chapter 4, Fact Sheet T-10, page PPS-6 (August 2011):

Clarified leaders in Figure PPS-1.

7. Chapter 7 Fact Sheet SM-8, Temporary Diversion Channel (August 2011):

Clarified Figure names. Changed all references from “DC” to “TDC” for consistency.

8. Chapter 4 Fact Sheet T-11, Underground BMPs (June 2012):

Modified discussion regarding use of underground BMPs for “Pretreatment”.

9. Chapter 7 Fact Sheet EC-02, Temporary and Permanent Seeding (June 2012):

Removed reference to using hay.

10. Chapter 7 Fact Sheet EC-04, Mulching (June 2012):

Modified discussion on using hay for mulch.

11. Chapter 7 Fact Sheet SM-8, Temporary Diversion Methods (June 2012):

Methodology was modified to consider time and length of construction. These changes were made based on detailed analysis of Crest Stage Indicator (CSI) data. Other methods of diversions were also added and the Fact Sheet (formerly titled “Temporary Diversion Channels”) was renamed “Temporary Diversion Methods”.

12. Chapter 7 Fact Sheet SM-10, Temporary Stream Crossing (June 2012):

Sizing methodology was modified to match (refer to) Fact Sheet SM-10.

13. Chapter 4, Fact Sheet T-10.3, Pervious Concrete (January 2013):

This Fact Sheet was removed. See the memorandum available at www.udfcd.org (Ken MacKenzie, January 2013)

14. Chapter 4, Fact Sheet T-10, Permeable Pavements (August 2013)

References to growing media in the *Site Selection* section were corrected.

15. Chapter 4, Fact Sheet T-12, Outlet Structures (August 2013):

Trash rack tables and details modified to recommend a bar grate trash rack (instead of a well screen) with circular orifices greater than 1-1/4 inches

16. Chapter 7, Fact Sheet SC-6, Inlet Protection (August 2013):

The Culvert Inlet protection detail, CIP-1, was added.

17. Chapter 7, Fact Sheet SC-7, Sediment Basin (August 2013):

Use of a riser pipe and the simplified detail provided in SB-1 was clarified.