Document last modified: 9/16/14

Page	Correction
iii	Karl **Kerchner**, Lebanon County Conservation District
3	URL link has been changed to: http://www.deq.virginia.gov/Portals/0/DEQ/Water/Publications/TechBulletin1.pdf
35	3rd paragraph, 1st sentence: 2,000 cubic feet storage capacity (with 12" freeboard) for each tributary drainage acre.
62	Last paragraph, 1st sentence: "As with other sediment barriers, compost socks should not be placed in areas of concentrated flow. They should be placed parallel…"
64	**TABLE 4.2** **Compost Standards**

Organic Matter Content	**25% - 100%** (dry weight basis)
Organic Portion	Fibrous and elongated
pH	5.5 - **8.5**
Moisture Content	**30% - 60%**
Particle Size	**30% - 50**% pass through **3/8" sieve**
Soluble Salt Concentration	5.0 dS/m (mmhos/cm) Maximum

77 (f) Add the slope length (L_1) from step (a) to the result from step (e). This is the maximum allowable slope length for the entire slope.

88 Note under Standard Construction Detail # 4-12 : "Adapted from Lebanon County Conservation District"

112

$$T_{c(sheet\ flow)} = \left[\frac{2(L)(n)}{3(S)^{0.5}}\right]^{0.4673}$$

124 Equation for 2-year storm

$$I = \frac{170}{T_c + 17} = \frac{170}{23.24 + 17} = \frac{170}{40.24} = 2.63 in/hr$$

124 Equation for 10-year storm

$$I = \frac{170}{T_c + 23} = \frac{170}{26.19 + 23} = \frac{170}{49.19} = 3.46 in/hr$$

125 Overland Flow Time T_{of} = 11.6 and T_c = 23.24

135 Note under Table 6.6 should reference PennDOT Pub 408 section 850.2(a)2.

CORRECTIONS FOR EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL
TGN 363-2134-008 March 2012

Page — Correction

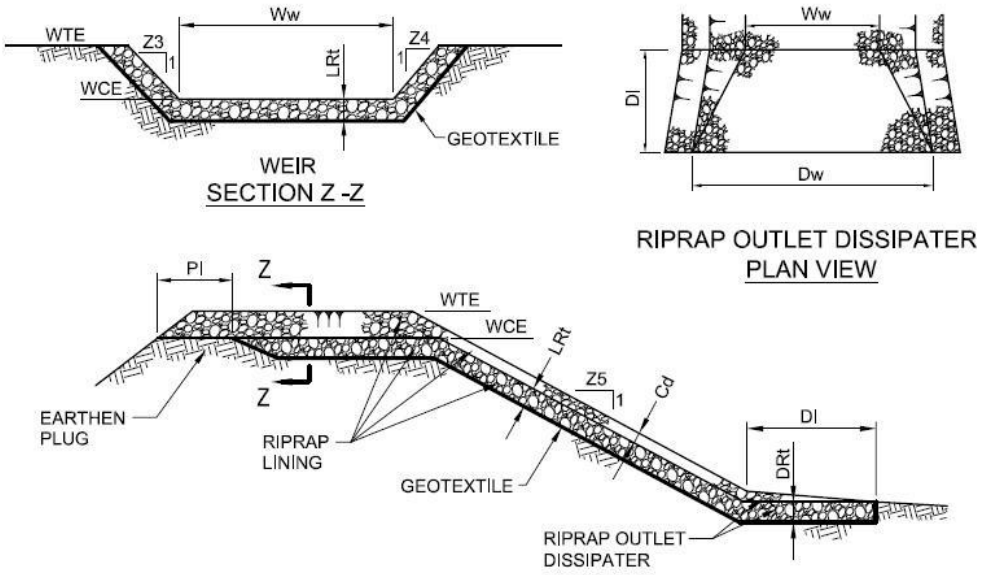
160 Item 7 – The recommended minimum surface area (SA_{min}) at the top of the settling volume (elevation 3)…

q_{out} = basin discharge rate at elevation 3 on E&S Worksheet #15.

Item 13 – 1st sentence should refer to Standard Construction Detail # 7-17.

193

STANDARD CONSTRUCTION DETAIL # 7-12
Sediment Basin Emergency Spillway with Riprap Lining



227

TRAP NO.	Z1 (FT)	Z2 (FT)	RISER		BARREL					EMBANKMENT		CLEAN OUT ELEV. COE (FT)	BOTTOM ELEV. BE (FT)
			BOT. PERF. ELEV. (FT)	CREST ELEV. (FT)	MAT'L	DIA. Db (IN)	INLET ELEV. BIE (FT)	LENGTH Bl (FT)	OUTLET ELEV. BOE (FT)	TOP ELEV. ETE (FT)	TOP WIDTH ETW (FT)		

229 For equation: $Q_f = \frac{0.464}{n} D^{8/3} S^{1/2}$

n = Manning's "n"

247 $X=(V^2/2g)^{0.5}[(1+m/p)^{0.5}+1+m/2p]\,p^{0.5}$

266 Table 11.2 should state that the Permanent Fertilizer Type/rate would be 10-20-20 at 1000 lbs./ac

Page	Correction
268	2. If high-quality seed is used, for most sites seed spring oats at a rate of 2 bushels per acre, winter wheat at **1.5** bushels per acre, and winter rye at 1 bushel per acre. If germination is below 90%, increase these suggested seeding rates by 0.5 bushel per acre.
278	Topsoil should be applied and prepared as described on page 263 prior to sod placement.
281	Figure 11.6, Notes: 1. CELLS SHALL BE ANCHORED SECURELY TO PREVENT DISPLACEMENT…
293	Under Table 13.2 the following note should be added: **Permanent waterbars are required at all stream, river, and other water-body crossings as well as upslope from roadway and railroad cut slopes.**
380	$$T_{c(sheet\ flow)} = \left[\frac{2(L)(n)}{3(S)^{0.5}}\right]^{0.4673}$$
384	Worksheet #13 – Lines 12 and 13 should read: (SAmin) REQUIRED SURFACE AREA AT ELEVATION 3 (SQ. FT.) SURFACE AREA PROVIDED AT ELEVATION 3 (SQ. FT.)
387	Note 2 should say “From E&S Worksheet #14, sixth column”