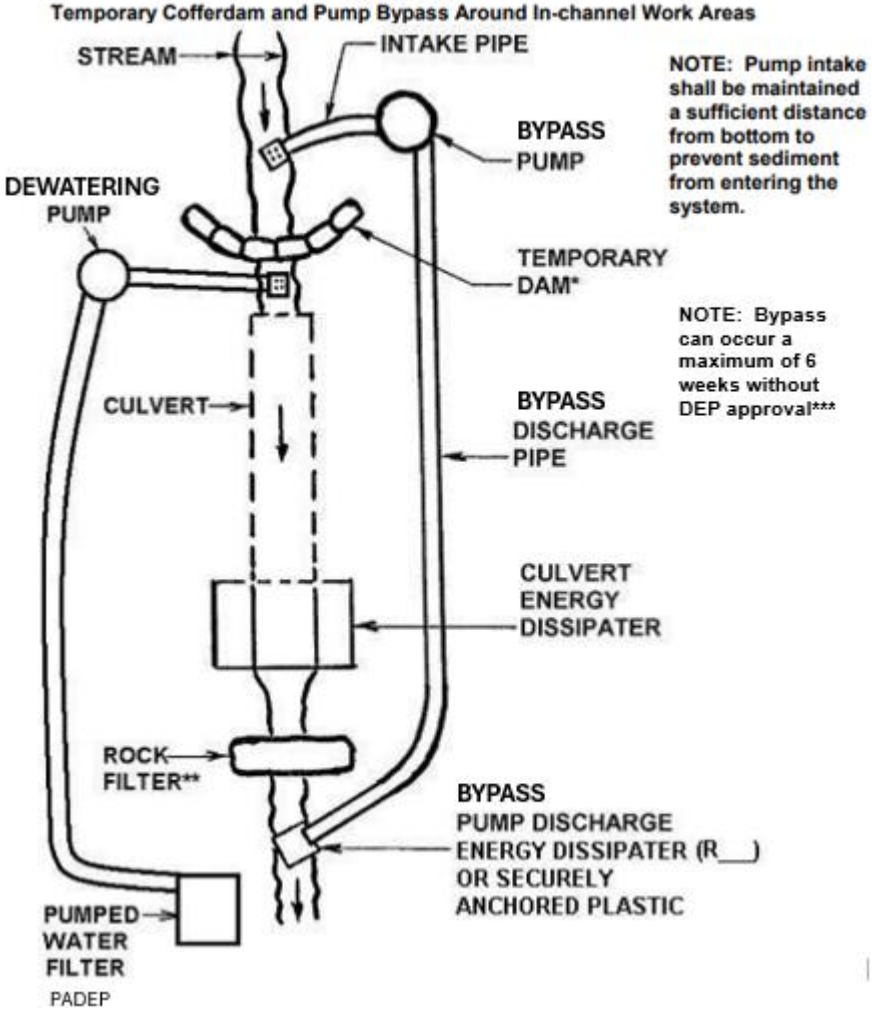
CORRECTIONS FOR EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL
ID 386-2134-001, March 2012

Page(s)	Correction
44	Change “Pump-around systems should not be used for bypasses anticipated to last more than 2 weeks” to “Pump-around systems should not be used for bypasses anticipated to last more than 6 weeks. Durations greater than 6 weeks must be approved by DEP.”
46	Revise Figure 3.11 as follows:

FIGURE 3.11
Temporary Cofferdam and Pump Bypass Around In-channel Work Areas



* **Sandbags (Standard Construction Detail #3-15), Jersey barriers (Figure 3.13) or other non-erosive material, no earth fill. Do not excavate a sump for the pump intake.**

** **See Standard Construction Detail #4-14. For low gradient channels, the rock filter may be replaced by an impervious cofferdam to prevent backflow into the work area.**

*** **Based on a joint water quality evaluation study conducted by DEP’s Bureau of Clean Water and PennDOT’s Bureau of Design and Delivery from 2020 to 2024. DEP must approve durations greater than 6 weeks.**

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Page(s)	Correction
112, 125, 380	Revise travel time for sheet flow formula to: $$T_{c(sheet\ flow)} = \left[\frac{2(L)(n)}{3(S)^{0.5}}\right]^{0.4673}$$
124	Revise calculation for 2-year rainfall intensity to: $$I = \frac{106}{Tc+17} = \frac{106}{23.24+17} = \frac{106}{40.24} = 2.63\ in/hr$$
124	Revise calculation for 10-year rainfall intensity to: $$I = \frac{170}{Tc+23} = \frac{170}{23.24+23} = \frac{170}{46.24} = 3.68\ in/hr$$
125	Revise Overland Flow Time T_{of} to 11.6 and T_c to 23.24.
229	Clarification, in the formula below n = Manning's "n": $$Q_f = \frac{0.464}{n} D^{8/3} S^{1/2}$$
247	Revise formula for the distance (X) in feet from the end of the discharge pipe to the "center" of the basin as follows: $$X = (V^2/2g)^{0.5} [(1+m/p)^{0.5} +1+ m/2p] p^{0.5}$$
291	Revise Standard Construction Detail #13-4 as follows:

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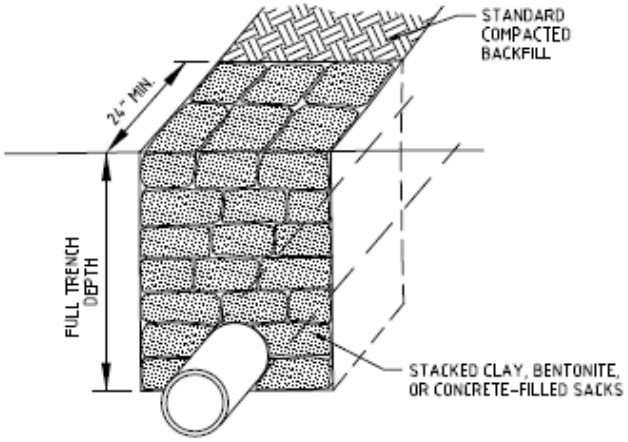
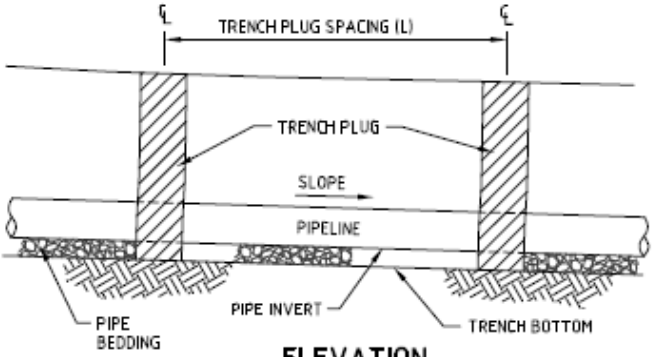
Page(s)	Correction



SECTION VIEW



ELEVATION

384 Worksheet #13 – Lines 11 and 12 should read:

(SAmin) REQUIRED SURFACE AREA AT ELEVATION 3 (SQ. FT.)
SURFACE AREA PROVIDED AT ELEVATION 3 (SQ. FT.)

392 Standard E&S Worksheet #21 – Updated to include anchor material, anchoring method, and rate of anchor material application in the temporary stabilization section.