Excess sock material must be staked into the toe of slope on both sides to prevent by-pass flow. The log shall extend upwards of the maximum water surface elevation. 2" x 2" x 36" hardwood stake placed 5' on center. 18" compost log (see Compost Filter Log specifications for additional information). Stone option may also be used; reference section below.

**Plan View - Compost Log Option**

**Section View - Stone Option**

Source:
Adapted from VA ESC Handbook & Filtrexx™ International

Symbol: CIP

Detail No. DE-ESC-3.1.6
Effective FEB 2019
Construction Notes

1. Compost logs shall be designed and installed in accordance with the Standard Detail and Specifications for Compost Logs (DE-ES-3.1.7).

2. If compost logs can not be installed properly or flow conditions exceed the design capabilities of the compost logs, the stone option shall be employed. Additional filtration may be provided by using a Type GD-II geotextile incorporated into the design as an option.

3. Placement of the compost log or stone barrier should be in a “horseshoe” shape and provide a minimum of 6 feet of clearance from the culvert inlet.

Materials

1. Stakes: 2” x 2” x 36” hardwood.

2. Compost media: See requirements in Standard Detail and Specifications for Compost Logs (DE-ES-3.1.7).


5. Stone: DE No. 3 for stone/riprap option.

6. Riprap: R-6 for stone/riprap option.