



Chapter 7 - Filtration BMPs

Filtration BMPs, particularly vegetated soil filter media BMPs, have been shown to be very effective at removing a wide range of pollutants from stormwater runoff. Filters provide stormwater quality treatment and channel protection with a slow release that prevents downgradient channel erosion while cooling the discharge. These filters can remove a wide range of pollutants, including suspended sediment, phosphorus, nitrogen, metals, hydrocarbons and some dissolved pollutants. Soil filters can be designed and constructed using common materials; however, some manufacturers have developed proprietary filter media and structures that may also be used with DEP approval.

This chapter discusses the design and construction of various types of filtration BMPs.

