

Chapter 11 – Proprietary Stormwater BMPs

Introduction

Proprietary stormwater Best Management Practices (BMPs) are manufactured systems that use proprietary settling, filtration, absorption/adsorption, vortex principles, vegetation, and other processes to remove pollutants from stormwater runoff. Proprietary BMPs are commonly used as pretreatment for other BMPs (see [Chapter 13](#)) or as treatment systems in retrofit applications where physical site constraints limit the use of other retention and/or treatment BMPs. Common types of proprietary BMPs include hydrodynamic separators, media filtration devices, and catch basin inserts. This category of stormwater BMPs also includes new and emerging technologies that are continually coming onto the market.

What's New in this Chapter?

- ❖ Describes uses and limitations of proprietary stormwater BMPs
- ❖ Identifies recommended third-party BMP performance verification programs for use in Connecticut
- ❖ Provides general design criteria and maintenance requirements for proprietary BMPs

Underground storage and infiltration systems are not considered Proprietary BMPs since treatment typically occurs in the soil below the structure, not in the structure itself. [Chapter 13 - Structural Stormwater BMP Design Guidance](#) provides design guidance for underground storage and infiltration systems.