

## Use of Multiple BMPs in Series

Stormwater BMPs can be combined in series to meet water quality and stormwater quantity control objectives. The use of multiple structural stormwater BMPs in series is referred to as a “treatment train” approach. The use of a treatment train approach can:

- Accomplish multiple stormwater management objectives to meet the stormwater management standards and performance criteria
- Increase the level and reliability of system performance
- Increase the lifespan of stormwater BMPs by distributing pollutant removal over multiple practices
- Allow multiple BMPs to target different pollutants to improve overall treatment effectiveness.

A treatment train typically consists of a pretreatment BMP, followed by a retention and/or treatment BMP to meet the runoff volume and pollutant reduction (retention/treatment) standard, and potentially another stormwater BMP to fully meet the stormwater runoff quantity control standard.