

DOEE 3.20 Biofilter Media

Key Benefits

- Designed to meet the D.C. Department of Energy and Environment Stormwater Management Guidebook, Table 3.20, July 2013
- Filters stormwater runoff and provides adequate growing media for plant uptake of captured nutrients
- Mechanically proportioned and blended for homogeneous results
- Designed to meet texture, permeability and nutrient requirements
- Locally sourced from recycled materials

Application

- For use in bioretention basins and bioswales
- Where well-draining, sandy topsoils are required

Typical Analysis

Sand	80 - 90%
Silt	0 - 10%
Clay	0 - 10%
USDA Classification	Loamy Sand / Sand
Organic Matter (OM)	3.0 - 5.0%
pH	6.0 - 7.5
Phosphorus (P)	15 - 40 ppm
Cation Exchange Capacity	5 - 15 meq/100g
Infiltration Rate	1 in/hr (minimum)

Composition

ASTM C-33 Sand
Organic Compost
Screened Soil

Bulk Density

prior to full compaction

1.3 tons/yd³ (approximate)
assumes moderate compaction and average moisture

