

# DEQ V2.0 Biofilter Media

## Key Benefits

- Designed to meet the Virginia DEQ V2.0 Stormwater Design Specification No. 9, V2.0, January 1, 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/yd<sup>3</sup> (approximate)  
*assumes moderate compaction and average moisture*

