

# DDOT Biofilter Media

## Key Benefits

- Designed to meet the **D.C. Department of Transportation Green Infrastructure Standard Specification 621.09**, 2014
- 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

## Applications

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



## Typical Analysis

% Organic Matter	3.0 - 4.0%
Soluble Salts	< 0.50 mmhos/cm
Cation Exchange Capacity	> 7 meq/100g
pH	6.5 - 7.2
d70/d20	< 4.5
% Retained on #10 mesh	< 15
Permeability	> *4 in/hr

\*per ASTM D2434, compacted to min. 86% max dry density at 60 - 80% optimum moisture

## Particle Size Distribution on Minus #10 Sample

Mesh Size	% Passing
#10	100
#18	68 - 95
#35	38 - 65
#60	22 - 37
#140	15 - 22
#270	12 - 14
.002 mm	1 - 4

## Composition

Base Loam  
Coarse Sand  
Compost

## Bulk Density

prior to full compaction

1.3 tons/yd<sup>3</sup> (approximate)  
assumes moderate compaction  
and average moisture



These products are mixes of natural materials, so results may vary.  
For more information on Luck Ecosystems, please visit:  
[www.luckecosystems.com](http://www.luckecosystems.com)