



# DNREC Biosoil-14

Bioretention is a storm water management process that captures runoff and prevents it from entering waterways. It can reduce runoff rates and increase stormwater infiltration. The process also removes contaminants such as sediments, nutrients, hydrocarbons, metals and bacteria from stormwater.

## Key Benefits

- DNREC approved natural filter media
- Filters stormwater to improve water quality
- Highly permeable for infiltration
- Provide absorption of organic nitrogen and phosphorous
- High porosity and hydraulic conductivity
- Mechanically blended for quality and consistency

## Applications

- Delaware Bioretention (Ponds & Swales)
- Rain Gardens
- Engineered Tree Boxes
- Stormwater Planters

## Typical Analysis

SAND	79 - 94
SILT	4 - 20
CLAY	1 - 10
Combined SILT & CLAY	Max 21%
pH Range	5.7 - 7.4
Organic Matter	Min. 1.5% by weight
Soluble Salts	500 ppm or less

