



MDE B.4.1 BioRetention Filtering Media

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

- MDE 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

- Micro BioRetention
- Rain Gardens
- Bio Swales

Typical Analysis

USDA Classification	Sandy Loam / Loamy Sand
SAND	75 - 85
SILT	5 - 15
CLAY	0 - 5
Organic Content	Min. 10% by dry weight
pH Range	5.5 - 7.0

