



Phosphorus Adsorption Bioretention Media

This blend is an engineered filter media with the capacity for adsorption of dissolved phosphorus from storm water runoff, used in bioretention systems stormwater management. Proven influent phosphorus retention of up to 98%

- Produced using coarse sand, screened topsoil, aged pine bark substrate, and Zero Valent Iron (ZVI).

Typical Analysis:

- pH between 5.5 to 7.5
- Coarse grade silica sand with particle size of 0.05mm to 2mm
- Soil fines particle size <0.050
- Sand: 85-88%
- Soil Fines: 8-12%
- Organic Matter: 3-5%
- Hydraulic Conductivity: 75 mm/hr – 300 mm/hr
- Zero Valent Iron (ZVI) Filings (-8 +50 mesh): 5% by weight after initial blending