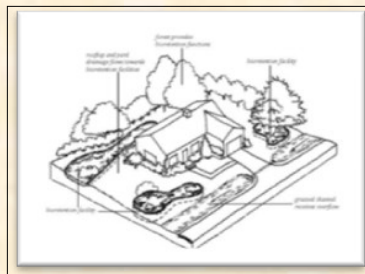
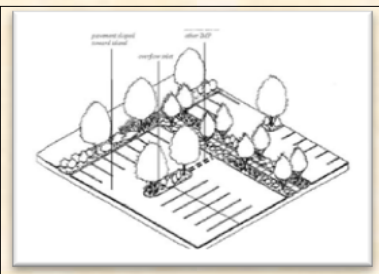




# CUSTOM BLENDED BIO-FILTER SOIL MIXES

## PURPOSE & DESCRIPTION

**YARD WORKS** provides custom made **BIO-FILTER** soils for Bio-retention Systems to filter storm water. These best management practices (BMP) utilize soil, plants, and microbes to filter, retain, and infiltrate storm water runoff from developed sites. Bio-retention is an important component of Low Impact Development (LID) strategies. It is relatively simple, inexpensive, effective and aesthetically attractive. **BIO-FILTER** soil mixes are a major component of any working and successful storm water management plan.



- PARKING LOT RUNOFF
- URBAN RAIN GARDENS
- GREEN ROOFS
- BIO-RETENTION SYSTEMS
- CUSTOM BLENDED SOILS TO  
**YOUR** SPECIFICATIONS .

## ADVANTAGES

**Bio-retention reduces the volume of storm water runoff leaving a developed site through interception of rainfall on vegetated surfaces.** • Bio-retention reduces the volume of storm water runoff leaving a developed site through infiltration of runoff into the soil and groundwater. Bio-retention filters pollutants commonly found in storm water runoff by facilitating the settling of large particles. Winogradoff, 2001; Hunt and Lord, 2006)

## GENERAL SPECIFICATIONS

Composition	ASTM, C33 Sand Organic Compost Specified Topsoil
Bulk Density*	1.3 Tons/ Cubic Yard
Textural Class	Sand
Organic Matter	2% Or Higher
pH	6.0 to 7.0
PARTICLE SIZE	1/2 MINUS

- **ALL MATERIALS CONFORM TO THE VA. DCR & VDOT REQUIREMENTS FOR BIO-FILTER SOILS. FURTHER INFORMATION ON PERMEABILITY AND SOIL ANALYSIS MAY BE OBTAINED UPON REQUEST. ALL SOIL MIXES ARE AVAILABLE PICK-UP OR DELIVERY.**
- **CUSTOM SOIL AMENDMENTS ARE ALSO AVAILABLE. (PERMA TILL™, NURSERY PINE FINES ETC.) FOR ANY SPECIFICATION REQUIRED.**

\* Bulk Density may vary due to soil spec. & compaction.



**Contact:**

Ask about all the storm water services we provide.

**804-639-0311 or**

**[www.yardworksonline.com](http://www.yardworksonline.com)**