

SOIL QUALITY RESTORATION

Soil is an important, but often overlooked, component of water management. Soil quality refers to the ability of soil to perform its functions. Soil is especially important in regulating runoff of storm water and in supporting trees, shrubs, lawns and gardens. Urban activities, such as construction grading, often result in erosion, sedimentation and soil compaction. Management practices are often needed to restore soil quality after development.



Deep tillage as part of final landscaping/grading restores porosity to an altered soil profile. Application of compost (known as terraseeding) can be specified to achieve a desired organic matter content. Organic matter content links to the amount of rain that can be absorbed before runoff occurs. " Strive For Five" - 5% organic matter content as a minimum.