



McGillSoilBuilder.com

McGILL

ErosionControl



Out-performs straw bales and silt fence

**Meets Seal of Testing Assurance (STA)
specifications for erosion control products**

New to the McGill compost products family, *ErosionControl* meets DOT-type specifications with a larger particle size to retain a larger volume of water, reducing runoff. It also prevents or reduces sheet and rill erosion and aids in establishing vegetation.

Compost blankets using McGill *ErosionControl* restore the soil's natural ability to absorb rainfall energy and rainwater, facilitating plant growth by capturing and retaining moisture and providing a suitable microclimate and nutrients for seed germination.

McGill *ErosionControl* will help remove pollutants such as heavy metals; nitrogen; phosphorus; oil and grease; and fuel from stormwater, thus improving downstream water quality.

Compared to more traditional erosion control methods, vegetated berms, socks and blankets improve aesthetics and allow finished projects to blend with the surrounding environment as a permanent feature of the landscape. There's nothing to remove at the end of the project and nothing to landfill.

[Highway construction](#) | [Commercial & residential development](#)
[Streambanks](#) | [Retention ponds](#) | [Wetlands](#)

Reduces labor and landfill costs
Aesthetically-pleasing
Permanent installation

Blankets | Socks | Berms

APPLICATION RATE

As little as one-half inch can be effective, and four inches is not too much. Tests by Iowa State University revealed rainfall up to four inches per hour did not result in downhill "flushing" of the compost on a 3:1 slope.

The McGill advantage ...

Our composts are manufactured using a scientific enhancement of nature's own recycling process that delivers:

	Higher yields with fewer chemicals	Create healthier soil structure and increase organic matter essential to key soil processes and organisms
	More water where you need it	Improve growing conditions by boosting the water-holding capacity of your soil and keeping more moisture at the root zone
	Improved drainage	Reduce the impact of over-watering or water-logging after heavy rain through increased pore space, allowing water to percolate quickly
	Slow release	Get more nutrients to the root zone and hold them there for slow release through high Cation Exchange Capacity (CEC)
	Reliable performance	Depend on year-round supply and consistent results due to our high volume, climate-controlled processing

Proud Member of the



US Composting
Council



McGillSoilBuilder.com

What the research says

Golden compost. Texas DOT has shown, through over 20 demonstration projects statewide, that compost blankets can reduce runoff and enhance vegetation growth, saving the state both time and money.

http://www.epa.gov/osw/conserve/rrr/greenscapes/projects/tx_road.htm

Compost on Texas rights-of-way. A Texas Transportation Institute study showed compost produced 92 and 99 percent vegetation cover, respectively, on sand and clay, as compared to only 50 and 57 percent for wood chips with a germination stimulant added. http://www.txdot.gov/business/contractors_consultants/recycling/compost_row.htm

About compost socks and berms

These flexible, functional runoff management tools can be used alone or in conjunction with compost blankets. Deployed wherever high volume discharges or flows are a problem, such devices offer the advantages of efficiency (staking and pinning is optional) and efficacy (sediment is contained). Like a compost blanket, berms and socks can be vegetated, providing near-invisible protection and a barrier that never has to be removed. It just slowly biodegrades, giving vegetation ample time to become established.

Looking for erosion control specs?

Here's the link: www.mcgillsoilbuilder.com/resources/articles/standard-specifications-for-compost-use-in-erosion-and-sediment-control/

Need advice?

Our friendly and knowledgeable team can help.

Call 910-532-2539

Specific requirements?

We have the knowledge and facilities to formulate compost products to meet your specific needs for every kind of application.

What our customers say



"Their (McGill) products have delivered the results we expected and needed."

Russ Britton
Founder and owner
Eco Express
Castle Hayne, NC



Visit our website for more information about McGill and McGill compost products, or to contact a representative.

www.McGillSoilBuilder.com.

See us on YouTube for more information about McGill, composting, and available products at

www.youtube.com/mcgillenvironmental.



McGILL
The compost people®