

NPDES Clean Water Act Phase II is here.

**ARE
YOU
READY?**



**NORTH
AMERICAN
GREEN®**

EROSION CONTROL Products
Guaranteed **SOLUTIONS**

**Any construction
site of one acre
or more must
comply with
the NPDES
Phase II Rules.**

ARE YOU READY?

Phase II Rules Affect 97.5% Of All Construction Activity

In the United States, the Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) Phase II establishes strict federal soil erosion and sediment control regulations. Today, anyone in the U.S. who disturbs one acre or more of soil is required to file an erosion control plan with appropriate local enforcement agencies or face stiff penalties.

Rolled Erosion Control Products As BMPs

The EPA recommends erosion control blankets and turf reinforcement mats as Best Management Practices (BMPs). North American Green offers a complete line of erosion control blankets and turf reinforcement mats that prevent sediment migration, reduce soil particle detachment, promote vegetation establishment and reduce the amount of water leaving construction sites.

We Help You Choose The Right Product For Your Site

North American Green and our Erosion Solutions *Specialists* are specially trained to provide on-site support and utilize state-of-the-art North American Green Erosion Control Materials Design Software (ECMDS®) to ensure your project design through selection and installation of cost-effective rolled erosion control products.

The North American Green Ultimate Assurance Guarantee

If our products fail to control soil loss to the specified limits, we will upgrade you to the next higher performance product for FREE! You can be 100% confident in your project design.



Reference Guide To Compliance With BMPs

EPA Structural Best Management Practice	Function	North American Green Product Group	North American Green Product Benefits
Mulch	Soil and seed protection; moisture retention	Erosion Control Blankets	Even mulch distribution; stitching and fastening keeps mulch in place
Vegetation	Protects topsoil from the ravages of wind, rain and storm water runoff	Erosion Control Blankets	Protects seed and soil during grow-in period
		Turf Reinforcement Mats	Permanently reinforce vegetation in severe erosive conditions
Grassed Swales	Storm water dispersal; filtration of runoff; contribute to pollutant removal	Erosion Control Blankets	Prevent channel erosion before grow-in
		Turf Reinforcement Mats	Allows vegetation to be used in place of rock and concrete
Storm Water Wetlands	Breakdown and filtration of pollutants; improvement of wildlife habitat; help alleviate downstream flooding	Erosion Control Blankets	Protects topsoil during vegetation establishment
		Turf Reinforcement Mats	Permanent reinforcement of vegetation on shorelines and higher flow areas
Silt Fencing	Containment of sediment on active job sites	SedimentSTOP®	Filters runoff; reduces sediment migration
Sediment Basins/Ponds	Sediment removal from storm water runoff	Erosion Control Blankets	Provide temporary shoreline protection
		Turf Reinforcement Mats	Permanent reinforcement of vegetation on shorelines

Best Management Practices In Action

Problems

Solutions

Results

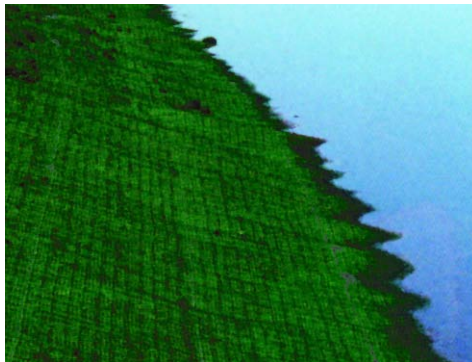
Slopes



Drainage Swales



Shorelines



Active Job Sites





Erosion Control on Slopes

North American Green's erosion control blankets and turf reinforcement mats provide immediate erosion protection on steep slopes while creating optimal conditions for vegetation establishment. Lightweight and easy to use, the products keep precious topsoil in place during the grow-in period.



Drainage Channel Protection

Stormwater drainage swales and channels create challenges for installers, and North American Green's turf reinforcement mats and erosion control blankets are designed to assist with such problems. Higher flow applications may call for the permanent protection provided by our Vmax³ Composite Reinforcement Series.



Shoreline Stabilization

Wind-induced wave action can cause serious erosion problems along shorelines. North American Green's Vmax³ Composite Reinforcement Series provides both immediate erosion protection and permanent turf reinforcement in such applications, combining proven performance with the natural beauty of vegetation.



Sediment Control

Sediment loss can cause serious and expensive problems on active job sites. North American Green's SedimentSTOP[®] Biodegradable Filtration System keeps job site sediment in check. Constructed with a permeable design to promote slow filtration, SedimentSTOP[®] filters sediment while allowing water to pass through.



Comprehensive Guide For Cost Effective Solutions To Common Erosion Problems

Best Management Practice	North American Green Product	Benefits			
		Economic	Practical	Legal	Environmental
Sediment Control	SedimentSTOP®	Eliminates dredging; minimizes reconstruction costs; no removal required; highly competitive with alternative methods.	Contains job site topsoil; easy to install; lightweight and easy to transport; simple to fabricate in the field.	Compliance with government regulations; prevents damage to down stream property.	Eliminates silting of ponds & streams; totally biodegradable; filters stormwater runoff; significantly reduces soil loss.
Rolled Erosion Control Blankets	S75®, DS75™ S75BN™; S150® DS150™; S150BN™ SC150®, SC150BN™ C125®; C125BN™	Will not blow out or wash out like loose materials; highly competitive with commonly used methods.	Protects topsoil; provides excellent conditions for healthy vegetation establishment.	Compliance with government regulations; prevents damage to adjacent property.	Significantly reduces topsoil loss; filters stormwater runoff; restores vegetation while protecting soil.
Turf Reinforcement Mattings	P300®; SC250® C350®; P550®	Replaces riprap and concrete at significant cost savings; low maintenance costs.	Provides both temporary erosion protection and permanent turf reinforcement.	Compliance with government regulations; softer, less hazardous than hard armor.	Provides natural vegetative solutions, natural aesthetics, pollutant removal, wildlife habitat.
Erosion Control Design	ECMDS® Erosion Control Materials Design Software	Free of charge; ensures appropriate product selection.	Ensures proper BMP selection; based on proven scientific methods.	Performance guaranteed.	Provides soil and sediment loss estimates for several BMPs.



EROSION CONTROL Products
Guaranteed SOLUTIONS

A **tensar** Company

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We are a proud participant in AASHTO's National Transportation Product Evaluation Program for RECPS

Since 1985, **North American Green** has provided quality solutions to the toughest erosion control problems. We can help you comply with the new Phase II rules.
Call us today at 1-800-772-2040 or visit www.nagreen.com.

