

 **TENCATE**
Mirafi



DRAINAGE
SOLUTIONS, INC

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GEOSYNTHETICS

Stormwater Management



 **TENCATE**
materials that make a difference

TenCate

TenCate develops and produces materials that function to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions. Dandy Products by TenCate Mirafi® feature an engineered design in which suspended solids are allowed to settle out of the slowed flow and are captured prior to entering the inlet.

Change

Through innovative product solutions, TenCate is committed to addressing several recent concerns regarding stormwater management and sediment control. These concerns include:

- Changing regulations
- Municipal budgets
- Hydrological models of the watershed
- At-the-source treatment options
- Implementation practices of the NPDES Phase II rules
- Site development planning for erosion and sediment control

As these concerns continue to develop, contractors need to continue to learn more about the new National Pollutant Discharge Eliminations System (NPDES) Phase II rules. These rules control stormwater runoff from urbanized areas and smaller municipal separate storm sewer systems, especially with smaller scale construction activities.

Management

The main objective for the EPA is to increase the overall health of the ecosystem. By authorizing the Clean Air Act, the NPDES added to its initial industrial sites and authorized further regulations to smaller construction activities through the NPDES Phase II. The NPDES made the decision based on EPA research, which revealed that high water quality impact from small construction sites is as high, if not higher, than the impact from larger sites on a per acre basis. In the EPA's efforts to dramatically improve and prolong water quality for our nation, the main objectives of the NPDES Phase II are reducing erosion and retaining sediment onsite during and after construction.

Prevention

Through NPDES Phase II guidelines and requirements, Best Management Practices (BMP's) continue to be developed successfully. These prevention techniques are being successfully implemented at construction sites throughout the United States.

Key Items in NPDES Phase II

- Construction sites of one acre or greater must meet EPA stormwater permit requirements.
- Regulated municipalities must have a mechanism in place for erosion and sediment control regulation.
- Municipalities must establish Best Management Practices (BMPs) for construction activities.
- A Stormwater Pollution Plan (SWPP) must be developed.



Types of BMPs

NON-STRUCTURAL

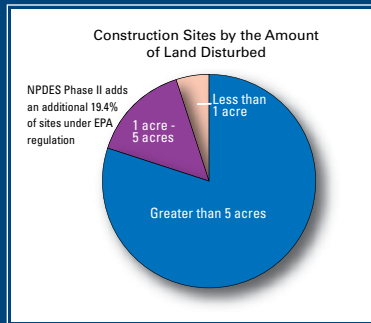
- Educational materials
- Stormwater education
- Regulatory ordinances
- Public meetings
- Procedures for inspection maintenance

STRUCTURAL

- Gate inlet protection
- Swales, filler strips
- Dry wells, sand filters
- Silt fences
- Catch-basin inserts

"Construction site discharges were a source of pollution in: 6 percent of impaired rivers; 11 percent of impaired lakes, ponds, and reservoirs; and 11 percent of impaired estuaries."

- EPA 305(b) report, 1996



TenCate Geosynthetics

TenCate Geosynthetics offers progressive system solutions for multiple markets through TenCate Mirafi® geosynthetics. As a global leader in geosynthetics, Mirafi® geogrids and geotextiles are engineered with advanced application knowledge which can create new opportunities and advancements to meet your specifications. For roadway construction, erosion control, reinforced soil systems, water and waste management Mirafi® geosynthetics is the leader. With a sales and engineering support staff covering the world, TenCate is ready to design, develop and deliver performance products that provide the results you need.

Dandy Products

Sediment Control Solutions

As experienced industry leaders and pioneers, TenCate has partnered exclusively with Dandy Products for their Stormwater Management Control Solutions. Together, they are dedicated to adhering to BMPs and establishing the most effective sediment control products and techniques in the industry.

Dandy offers the most complete line of inlet protection products in the world. Their superior industry knowledge, expertise, customer service, and product quality has been paired together with TenCate's unbeatable sales and distribution network to deliver Stormwater Management Control Solutions you can depend on.

Sediment Control Solutions

As experienced industry leaders and pioneers, TenCate and Dandy Products have the knowledge, expertise, customer service, and quality to develop and market effective stormwater management and control solutions. We are dedicated to adhering to BMPs and establishing the most effective sediment control products and techniques in the industry.

DANDY DROP INLET PROTECTION



DANDY BAG®
For flat grates and mountable curbs



DANDY SACK®
For under the grate containment



DANDY POP®
For flat field grates

DANDY CURB INLET PROTECTION



DANDY CURB®
For inlets without grates.



DANDY CURB BAG®
For grated curb and gutter inlets



DANDY CURB SACK®
For grated curb and gutter inlets

TenCate develops and produces materials that increase performance, reduce costs or enable people to achieve what was once unachievable. Our goal is to contribute significantly to progress in the industries in which we work.

The information contained herein is to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept liability for any loss or damage, however arising, which results directly or indirectly from use of such information. Nor do we offer any warranty or immunity against patent infringement.

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