



Headline News

2016 “Clean & Green” Sustainability Conference and Expo.

We have finished most of the planning elements to the 2016 ASP and Quick Supply “Clean & Green” Sustainability Conference and Expo. It again looks to be a unique conference that will have different content and provide valuable information.

We will start in Omaha on April 5th, Des Moines on April 6th, Kansas City on April 7th and finish it in St. Louis on April 8th. Our show this year will focus on providing the design and construction community with tools for their toolbox. These tools will include:

- A large section on streambank stabilization solutions utilizing soft and hard armor techniques
- Vegetation management and enhancement with brand new hydraulically applied organic additives
- Erosion Control and Geosynthetic based solutions utilizing computer programs to model projects and determine success levels and safety factors, while evaluating costs
- ASP/Quick Supply specific tools: specifications, drawings, illustrations, etc. All available on our website for your use and to make your life simpler
- Vinyl Sheet Piling—not just for sea walls—a great application, but for containment, basic earth retention, and much more
- Some follow up information on a few of our stormwater solutions with product updates, products updates and a couple great success stories to make you feel comfortable with them.

Our Expo Hall, as always, will be filled with representatives from some of the best manufacturers in the country, as well as some local and regional companies too. We hope you can make our 2016 event. We sure enjoy your presence at them.



Featured Solution **GEOTERRA® Structural Mat System**

The GEOTERRA® structural mat system is ideal as a ground-surface reinforcement layer to support loads over soft subgrades or for creating reinforced pavements in less-than-ideal environments. More cost-efficient than other reinforcement mat systems, the GEOTERRA® system can be utilized for either temporary or permanent applications.

Individual GEOTERRA® units are locked together to form a network of interconnected structural mats suitable for supporting a wide variety of vehicle and equipment loads over access roads, platforms, helipads and other areas. With high crush strength, the GEOTERRA® system has demonstrated the ability to handle the forces from some of the heaviest wheeled and tracked vehicle loads. [Learn more >](#)



Product Spotlight



Focal Point High Performance Media.



Vegetation for Stabilization.

Project: MoDOT Rte 164 VE
Location: Chesterfield, Missouri
(I-64 WB @ Timberlake exit)
Application/Solution: Stormwater
Quality & Volume Reduction

Market Sector: DOT
Installed: Late September, 2015
Products: FocalPoint
[Click Here for Case Study](#)

Project Scope: The original bioretention design was let in May, 2014 and included approximately 19,000 sf of traditional bioretention. This included excavation to accommodate a large amount of bioretention soil mix, PVC underdrain and thousands of native plant plugs. The challenge was introducing a new nex gen bioretention system – FocalPoint to both MoDOT and the consulting engineer. After consulting with CMT Engineers and both MoDOT construction and roadside management departments, the FocalPoint System was submitted for acceptance as a VE solution.

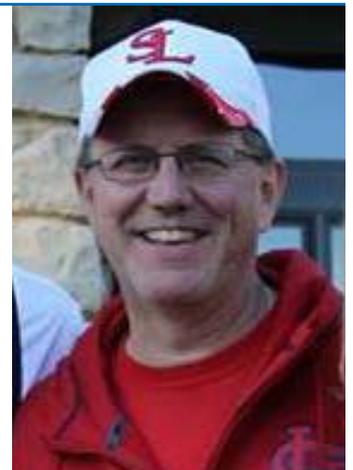
Product Description/Benefits: FocalPoint was approved by MoDOT. The largest and first of the 4 basins was constructed in one day on September 25th, 2015. The design of the slopes in the basin was left unchanged. CMT Engineers selected a TRM-Turf Reinforcement Mat for the 3:1 slopes that surrounded the basin. North American Green SC250 TRM was selected and installed by Site System Landscaping. MoDOT's cool season seed mix was used to vegetate the slopes. Native plants will be placed in the FocalPoint media in the Spring of 2016. The basin is draining very well and meets the 48 hour draw down time including the 24 hour storm event.

Conclusion/Result: MoDOT realized a 43% cost reduction that resulted in savings of more than \$125,000 to Missouri residents and taxpayers. Better yet, the nex gen FocalPoint High Performance System is backed by a 1 year guarantee. Included in its design, non-proprietary specification and construction are 2 maintenance visits and 2 hydro-conductivity tests providing assurance that the system is working as expected before turning the facility over to the owner. The 3 other basins and bio-swale at I-64 and Maryville Center are to be installed in Spring of 2016, which they hope to complete in 2016.

Editor's View

A Huge Thank You!

I look forward to this article every year as it gives me again, the opportunity to thank all of you for your business. We have a great deal to be thankful for this year. We have had a good year and it is all because of your trust in our efforts: our efforts to assist with the design of your projects, our efforts to supply the best quality products to our contractors and our efforts to make sure the materials are installed correctly and effectively. We have been to over 1000 project sites this year to explain the install process, come up with creative solutions to unique problems, or maybe just drop off a water bottle on a hot day. We have visited with so many designers discussing product applications, material specifications and the like we cannot begin to count them. We thank all of you for your business. Thank You!!



Don Thiemann, CPESC, LEED GA
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Follow Us



Project Profile

Project: Clear Creek Levee Improvement
Location: Big Sandy Lake/North of Ashland, Nebraska
Owner: Lower Platte North Natural Resources District
Engineer: USACE Omaha District

Contractor: Harding Enterprises
Installed: April 2015-June 2015
Product Used: Flexamat
[Click Here for Case Study](#)



One example of the eroded, near vertical banks.



Product Benefit:

A presentation on Flexamat, a tied concrete block erosion mat, was completed for the United States Army Corp of Engineers (USACE) and follow-up discussions lead to it being proposed in lieu of large rock riprap for the lakeside face of the levee. With design assistance from the product's manufacturer, the USACE specified approximately 141,000 sq. ft. of Flexamat as one of two proposed articulating concrete mat bid items. A separate layer of an 11oz. non-woven filter fabric was called out for to control potential migration of the underlying sandy soils. The USACE also decided on covering/infilling the mat with soil and a single-net straw erosion control mat assuring a rapid and aesthetically pleasant "greening-up" of the site.



Flexamat in the anchor trench and ready to be deployed into the water.



Conclusion:

After securing the material order, Flexamat, TC Mirafi 1100N and North American Green's S75 were supplied. The site ended up needing 160,000 sq. ft. of concrete mats covering over 1 mile of shoreline and has fully stabilized and vegetated as of late summer 2015. The armored, green and aesthetically pleasing levee is ready for anything the lake can throw at it, boats and skiers included!

Project Scope:

The 11 mile long levee protects a large area of farmland and residences in the Platte & Elkhorn Rivers' flood plain. Due to wind and wave action on Big Sandy Lake a mile long section of the levee had developed serious erosion issues leaving nearly vertical eroded banks with some areas exceeding 20' in height. The levee cross section needed to be stabilized to prevent further degradation and its possible failure.

Employee Profile



Meet John Warren

Branch: Kansas City, MO **Office Phone:** 816-590-8657

John Warren joined ASP Enterprises in October of 1994 as the first "Branch Office" in the Kansas City area. He was previously employed as a Territory Manager for the American Excelsior Co. for 4 years and had extensive experience in the Landscape Construction and Design industry in MO, KS, OK, MD, VA and Washington D.C. He is a graduate of the University of Missouri – Columbia with a degree in Horticulture. Currently in his 21st year as the Branch Manager he serves on various business related Boards and Committees including the Great Rivers Chapter of the International Erosion Control Association as the Treasurer as well as the Engineers Club of Kansas City, The Kansas City Chapters of the APWA, ASCE, KSPE, MSPE and the EWRI as well as the Missouri Representative for the CPESC program. John has 3 almost grown kids, Dane, Kellen and Lily who is a 2nd year student at the KC Art Institute, John enjoys cycling, hiking, lake activities and many charitable causes including the Leukemia & Lymphoma Society where he acts as a Mentor, Coach and participant in various endurance events including his 8th consecutive 100 mile ride around Lake Tahoe in June 2016. John is proud to be a Prostate Cancer survivor and encourages everyone to be vigilant with early health screenings as well as a healthy lifestyle. John is always available to help his customers find innovative and cost conscious solutions to their most trying environmental projects, give him a call to schedule a site or office visit today.

Event Calendar

January 10-12
Iowa LICA Membership Meeting
and Convention
[Click Here>](#)

Jan. 19-21, 2016
57th Annual NLICA Winter Convention
[Click Here>](#)

February 16-19
EC16 IECA Environmental
Connection Conference
[Click Here>](#)

March 8
Great Plains LID Design
Competition and Symposium
[Click Here>](#)

April 5-8
ASP Quick Supply Clean
and Green Conference
[Click Here>](#)

New Product



TenCate Mirafi® RSi

TenCate Mirafi® RSi Series Woven Geosynthetics are used for varying application needs including: base course reinforcement and subgrade stabilization for road, runway and railway construction; embankment stabilization on soft foundations; reinforcement for mechanically stabilized earth (MSE) structures; liner support, voids bridging, reinforcement over soft hazardous pond closures and other environmental market applications.

TenCate Mirafi® RSi-Series Woven Geosynthetics function for:

- Separation
- Filtration
- Soil Reinforcement
- Confinement
- Drainage

Click Here for more information:

Engineer's Note

It's not coming... it's here!

For the past year or so we've been telling you about the latest stormwater innovations and the use of multiple solutions in an integrated design process that is often referred to as a "treatment train". When we first started telling you about those solutions we told you they were coming to the Midwest. Now they are here. PaveDrain, FocalPoint, ACF R-Tanks, StormTrap, they have all been installed in the Midwest this past year. Check out our many case studies on our newly updated website.

Many projects are in the design process in all of our states for spring 2016 construction. For municipalities, that means if your projects do not yet involve those green infrastructure solutions, other communities in your state do and they are competing for the same grant funds. For engineers and contractors, if your projects do not include those low-impact development solutions, your competitors' projects do. Don't be left behind. Contact us today and let us help you get up to speed on the latest stormwater innovation. From the concept and design stages to the bidding and installation stages, we can add value to the service you provide to your company and to your clients. Help us help you. Call us today!



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Company Information

ASP Enterprises, Inc. and Quick Supply Co.

For more than three decades, A.S.P. Enterprises and Quick Supply Co. has served the erosion control industry with integrity and expertise. We provide engineers and landscape contractors the exceptional value for their money and have grown to become the Midwest's full-line distributor of erosion-control, geosynthetics, storm water management products, wall block, landscape pavers, and drainage products.

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