

# The GEOSOURCE UPDATE

*from Your Trusted Site Solution Specialists*

Geosynthetics | Erosion & Sediment Control | Stormwater Management | Hardscapes

## PROJECT HIGHLIGHT

### ProGanics® BSM Proves the Perfect Solution for DOT Project in Arid Nebraska Sandhills

*ASP Enterprises Supplies ProGanics as a Revegetation Solution*

The Nebraska DOT brought in Gross Seeding to revegetate approximately 25 miles of highway shoulders from a highway widening project in and around Whitman, Nebraska. The goal was to revegetate these remote roadside areas with native grasses to prevent soil erosion and sediment runoff. The arid Nebraska Sandhills region presented unique challenges, as the site was practically devoid of topsoil, and what was available had very low organic matter (1.1%) and high pH levels (8.3). Project specifications called for a soil amendment to be applied under straw mulch and erosion control blankets.

#### PROFILE® DELIVERS THE OPTIMAL SOLUTION

After reviewing the site, Gross Seeding worked with Profile® Products to develop a solution using a soil amendment. After consultation, Gross Seeding chose to prescribe hydraulically applied and environmentally friendly **ProGanics® Biotic Soil Media (BSM)** to kickstart vegetative growth. ProGanics accelerates the development of depleted soils with low organic matter, low nutrient levels and limited biological activity. It's an abundant source of organic matter and quickly modifies a site's soil chemistry to initiate long-lasting growth. Because of the arid climate, Profile prescribed **BioPrime™** and **JumpStart™** to accelerate germination and improve long-term plant vitality. Additionally, Gross Seeding applied **Aqua-pHix™** to combat the high soil pH.

The Gross Seeding team was unfamiliar with ProGanics, but was

#### PROJECT SUMMARY

Nebraska Department of Transportation  
Whitman, Nebraska

#### PROJECT STAKEHOLDERS

- Nebraska DOT, Project Owner
- ASP Enterprises, Distributor
- Gross Seeding, Contractor

#### CHALLENGE

Quickly restore 25 miles of highway shoulder with denuded soils in the Nebraska Sandhills.



ProGanics Application

Erosion Control Installation Over ProGanics



impressed with how fast, easy and effective it was. Hydroseeded at a rate of 4,000 lb/ac (4,483 kg/ha), ProGanics was more cost-effective than compost applications, according to the Nebraska DOT District 8 Engineer. Gross Seeding was able to apply ProGanics quickly and effectively in just a few days over the 25 miles. Since the product is hydraulically applied using just one hydroseeder, fewer workers and trucks are needed on the site compared to compost installation. This also increased worker safety, which was especially important when applying product on the busy highway.

### NATURAL, LASTING RESTORATION

Despite the area's challenges, ProGanics quickly went to work amending the soil to establish lasting vegetation. Ten months after installation, lush, green grass sprung up, and within a year, thick native grasses were thriving on the site. ProGanics was by far the best choice, and not only was the contractor pleased with the results, but the engineers and officials at Nebraska DOT have decided to keep working with ProGanics for future projects in Nebraska.



### RESULTS

Fast establishment of hardy native vegetation effectively stabilized soil and saved the contractor time and resources thanks to ProGanics® BSM.

### PRODUCTS USED

- ProGanics® Biotic Soil Media (BSM): 4,000 lb/ac (4,483 kg/ha)
- BioPrime™: 120 lb/ac (134 kg/ha)
- JumpStart™: 3.75 gal/ac (35 L/ha)
- Aqua-pHix™: 10 gal/ac (93 L/ha)



Results 10 Months After Installation of ProGanics and Erosion Control Solutions

## FREE PDH CERTIFICATES FOR PROFESSIONAL LICENSING RENEWALS

Now through the end of the year, we are offering free PDH certificates for Professional Licensing renewal requirements! The end of the year will be here before you know it, and we want to help you have all the PDH certs you need to successfully renew your professional licensing.

Schedule a virtual presentation with our civil engineer, Bill Murphy, P.E., to earn a PDH certificate. Bill can give a presentation on your topic of choice, including the following and more.

- Low Impact Development
- Stormwater Management
- Green Infrastructure
- Erosion Control Solutions

Reach out to Bill directly at [bmurphy@aspent.com](mailto:bmurphy@aspent.com) or schedule a presentation through the link below. Bill is excited to share his knowledge on some innovative products and important solutions for engineers to know about!

[CLICK TO SCHEDULE](#)

# TECHNICAL TALKS WEBINAR SERIES

Our webinars are back! Our webinars are for answering questions, sharing technical information and collaborating on projects, plus attendees receive a PDH Certificate for attending. Our goal is to educate attendees on some of the site solutions ASP, Quick, Bowman and Cascade can provide.



## Upcoming Webinars

### Propex Webinar

December 8th, 2021 | 12:30pm-1:30pm CST

[REGISTER HERE](#)



From levee repair after a “bomb cyclone” to high altitude mountain road protection to shoreline stability, Propex Geosolutions has “Engineered Earth Armoring Solutions” to face your toughest challenges. Ben Campbell will join our host Bill Murphy on Wednesday, December 8 from 12:30-1:30pm CST as we resume our “Technical Talks” webinar series. Join us to learn about Propex’s innovative solutions!

### Flexamat Webinar

January 5th, 2022 | 12:30pm-1:30pm CST

[REGISTER HERE](#)



Let the good times roll! Join our host Bill Murphy as he welcomes our friend Ron Geater to ring in the new year on Wednesday, January 5. This webinar will provide an update on Flexamat as it continues rolling across the country. A common theme across all of our markets is the nonstop demand for better erosion protection in place of rock rip rap. Flexamat continues as a top choice for engineers and contractors.

## IECA MOUNTAIN STATES REGIONAL CONFERENCE



Join us for the IECA Mountain States Chapter Conference November 15-16 in Denver, Colorado! Bowman Construction Supply and Rocky Mountain Bio Products will both have booths and will present on the following.

### Bill Murphy, P.E. Presenting on

Post Fire Reclamation: Managing Debris Flow & Stream Diversions

**Tuesday, November 16th 9:25-10:25am MST**

### Bill Agnew, CPESC Presenting on

Can Reseeding/Treating High Severity Burn Areas in the Mtn. States Region of the U.S. be as Successful at Reducing Erosion as the Carr Fire Project in N California?

**Tuesday, November 16th 1:40-2:25pm MST**

Learn more about the conference, details on the presentation topics, and register to attend [here](#).

# ENGINEER'S NOTE

*From the Desk of Bill Murphy, P.E.*

“Nothing beats experience.” – me to my kids, often Those who know me well know that I try to go hands-on with all our engineered products as we spread the good news and educate our peers about our most trusted site solutions. Recently I took the opportunity to build a Flex MSE demo wall at our ASP Enterprises office in Fenton, MO with the help of one of our warehouse workers. It was the first time either of us had used the Flex MSE products, and we completed the demo wall in less than an hour, from start to finish. If I can do it, you can do it! Construction was easy after reading the product information and installation manual.

This past weekend I took and passed the Flex MSE Certified Installer quiz. Again, if I can do it, you can do it! We are in the midst of an in-house Certification Challenge for our sales team, so reach out to your local ASP, QS, Bowman or Cascade sales rep and ask them if they have gotten certified yet. Or better yet, contact us or log on to [Flex MSE's website](#) and take the quiz yourself. It's a good way to answer all of your questions about the system. And it will open your mind to the many possible applications for Flex MSE. We hope to build more Flex MSE demo walls at our other locations, so stay tuned for an update next spring. If you want to see an awesome example of a fully vegetated Flex MSE wall, visit the gorilla exhibit at the Henry Doorly Zoo in Omaha, NE.



Bill Murphy, P.E.  
bmurphy@aspent.com



Flex MSE Demo Wall at ASP's St. Louis Office



Flex MSE Wall at Henry Doorly Zoo's Gorilla Exhibit - Supplied by ASP Enterprises

## YOUR TRUSTED SITE SOLUTION SPECIALISTS



*Locations We Serve*

For more than 45 years ASP Enterprises, Quick Supply Co., Bowman Construction Supply and Cascade Geosynthetics have provided geosynthetic, erosion control, sediment control and stormwater management solutions with integrity and expertise. Our mission is to be your local expert on solutions that improve our communities while providing the highest level of customer service. We are proud to represent numerous manufacturers and will be present from design specification and development to installation to ensure your project's success.

## CONTACT US

**ASP Enterprises**  
aspent.com  
salesasp@aspent.com

**Quick Supply Co.**  
quicksupplydm.com  
salesquick@quicksupplydm.com

**Bowman Construction Supply**  
bowmanconstructionsupply.com  
salesbcs@bowmanconstructionsupply.com

**Cascade Geosynthetics**  
cascadegeos.com  
salescascade@cascadegeos.com

**St. Louis, MO** 636.343.4357  
**Omaha, NE** 402.861.8579  
**Kansas City, MO** 816.554.1191  
**Wichita, KS** 316.393.1554

**Des Moines, IA**  
515.289.1271

**Denver, CO** 303.696.8960  
**Colorado Springs, CO** 719.257.7840  
**Loveland, CO** 970.535.0863

**Portland, OR**  
971.339.1020