

# THE GEOSOURCE UPDATE

Geosynthetics | Erosion & Sediment Control | Stormwater Management | Hardscapes

## PROJECT HIGHLIGHT

### Propex & Profile Products Paired for Unique Solution ASP Enterprises Supplies Solution for Streambank & Slope Stabilization

A very interesting streambank and slope stabilization project was completed last year in Illinois, and we recently stopped by for some progress pictures. Two of Propex Geosolutions' products were recommended for this project. SCOURLOK was utilized to stabilize the toe of the slope at the creek bottom. To create a stable slope, ARMORMAX Engineered Earth Armoring System™ was utilized by combining High Performance Turf Reinforcement Mats (HPTRM)s and Engineered Earth Anchors™ (EEA) that work together to lock soil in place and protect against hydraulic stresses.

Next, two of Profile Products' products were recommended. To improve the likelihood of successful vegetation, ProGanics Biotic Soil Media was sprayed on top of the ARMORMAX and Flexterra flexible growth medium was the final "glue" to stabilize the slope surface, supply moisture support for the vegetation establishment, and ensure the seeding remained in place until root establishment is maintained. A year later, the vegetation looks great!





# PRODUCT PROFILE



## Stratavault Soil Cell System

Stratavault is an innovative soil cell system that will add life to your urban trees and assure ongoing success for your streetscape projects. Trees in urban areas struggle due to a lack of soil volume for their tree roots. Stratavault soil cells provide structural support to surrounding sidewalks and roads while also creating a void space underneath for soil for the tree's roots to grow.

Because the trees have adequate room to grow, the roots won't cause the sidewalk to break and buckle, resulting in walking hazards, and the tree will be healthier and grow larger and longer. Gone are the days of urban trees dying young and needing to be replaced in 3-5 years. Stratavault gives trees the opportunity to grow and thrive for 50+ years!

Stratavault also helps manage stormwater. This solution helps with flooding issues and treats and captures stormwater runoff. Stormwater can be diverted into the Stratavault soil cells where it will provide the trees with water and is filtered and cleaned when passing through the soil.

Lastly, Stratavault is a flexible system that can easily be installed around existing pipes and infrastructure.

## 2022 IECA GREAT CONNECTIONS CONFERENCE

**July 26-28, 2022 | St. Louis, MO**

Join ASP Enterprises and Quick Supply Co. at the 2022 IECA Great Connections Conference July 26-28 in St. Louis, Missouri! We will have a booth at the conference and look forward to seeing everyone there, so mark your calendars! [Learn more and register here.](#) **Early Bird Registration ends June 24th!**

Stormwater, Erosion Control and Watershed Management professionals are encouraged to participate and learn about the latest techniques and technologies in the industry. The Great Connections Conference is a great way to connect with others in the industry while expanding your knowledge and skill set.

**Attendees are eligible to receive 10.5 Professional Development Hours for attending the conference.**

Location: DoubleTree by Hilton Hotel St. Louis - Chesterfield | 16625 Swingley Ridge Road, Chesterfield, MO



## TECHNICAL TALKS WEBINAR SERIES

A big THANK YOU to all who attend our monthly webinars! We enjoy hosting these webinars and sharing technical information on the innovative solutions we supply.

We are taking a brief break from our monthly webinars this summer. Don't worry, we will resume them in September! Bill Murphy will be back, joined by guests to educate attendees on the various products and unique solutions we offer.

If you missed any of our past webinars, they are all available to watch on our [YouTube Channel](#).



## SCHEDULE LUNCH & LEARN PRESENTATIONS

Even though we're taking a break from webinars, we're not taking a break from presentations! We're happy to present on any topic of your choice, either in person or virtually. This presentation can be focused on a specific project or solution or cover a broad range of solutions and applications. We'll also get you lunch, and all attendees will receive a PDH certificate.

Please reach out if you need help with a project or would like to learn more about any of our products and solutions. Bill Murphy or one of our Technical Sales Representatives would be happy to share their expertise with you! Our goal is to ensure the best materials are selected and that every project is successful.

Contact Bill at [bmurphy@aspent.com](mailto:bmurphy@aspent.com) or click the link below to schedule a presentation.

[CLICK TO SCHEDULE](#)

## EMPLOYEE SPOTLIGHT



### Earl Pellerin

*Inside Sales Representative at ASP Enterprises*

Earl has been with ASP Enterprises for 10 years, since April 2012. His background before joining our St. Louis office was in retail management. Earl got his start at ASP as a truck driver. In January of 2020, he was promoted to Inside Sales (and became the Jose Oquendo of the St. Louis office). He now assists customers with questions and orders, oversees the delivery schedule, making sure customers get their deliveries on time, fills in as a driver when needed, etc. He says, "It's been a fun and interesting journey to get here. I love what I'm doing and the people I work alongside." Born and raised in New Orleans, Louisiana, Earl enjoys LSU football and crawfish boils.

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# ENGINEER'S NOTE



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

**Does your pavement have a drinking problem?** If your pavement doesn't drink, it should. Among the many causes of flooding and water pollution, traditional paving is at the top of the list. Some of the most immediately effective green infrastructure practices are permeable surfaces. From heavy-duty interlocking permeable pavers and traditional permeable pavers to aggregate permeable pavers, grass pavers and cellular confinement, we offer a wide range of permeable surface options to help you satisfy MS4 requirements, reduce flooding, improve water quality and protect your watersheds.

The design of permeable surfaces must be based upon a realistic expectation of infiltration rates of each different surface to assure adequate drainage and to avoid ponding. Part of that evaluation must include the required maintenance of each option and its long-term performance. We can help your community compare the pros and cons of various permeable surfaces. Our technical sales reps offer pre-construction meetings to ensure proper installation. We also introduce many cities to local contractors who are experts in installing, cleaning and repairing permeable surfaces. Call us today to learn more.

Also, please attend my upcoming presentations at IECA Great Connections (St. Louis; July 26-28), IStorm (Ankeny; Sept. 15-16), and IECA Annual Conference (KC; Feb. 5-8, 2023).



PaveDrain

Unilock Permeable Pavers



Aggregate Porous Pavement



PaveDrain Vac Head for Cleaning



Permeable Paver Cleaning

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