Your Geosource Distributor

A.S.P. ENTERPRISES, INC.

# The Geosource Update

VOLUME 2 ISSUE 1 2010

## ASP & Quick Supply Announces 2010 " Clean and Green" Sustainability Conference and Expo Dates

On April 6th in St. Louis, 7th in Kansas City, 8th in Des Moines and April 9th in Omaha, ASP and Quick Supply will be offering educational opportunities and product demonstration at our 2010 ASP and Quick Supply "Clean and Green" Sustainability Conference and Expo. We had over 300 people in attendance at our 2009 conference and hope to have many more this year. We have invited even more national vendors representing their environmental solutions. Their representatives are capable of answering specific technical questions regarding details of their solutions.


Speakers that have been invited include designers and proponents of Low Impact Development concepts. They will be showing projects and ideas from across the region. We have technical sessions being presented on several new environmental solutions from solution specialists. All this while acquiring at least 7 PDH's and networking with others in the Sustainability Community. We hope you will take the time to attend and see what else we have up our sleeve.

**Click Here for More Info**

## The Editor's Viewpoint-EPA ELG-Effluent Guidelines

**40 CFR Part 450 [EPA-HQ-OW-2008-0465; FRL-xxx] RIN 2040-AE91**

In December, 2009, the EPA published their final ruling establishing the "Clean Water Act Technology based Effluent Limitations Guidelines and New Source Performance Standards for the Construction and Development point source category." According to the EPA, compliance will result in 4 billion, yes, billion pounds of sediment not being discharged with storm water off of construction sites. This is a 251 page document that contains a great deal of information about compliance, options for treatment, monitoring requirements and a great deal more. A key element of this ruling is that runoff from construction sites will be tested for the turbidity levels. 280 NTUs ( Nephelometric Turbidity Units) will be the maximum turbidity level allowed. It will take many months to really get a handle on the details of the ruling but here are two aspects I wanted to address here:

- For many years, ASP and Quick Supply have promoted the fact that effective erosion control is always the smartest "first step" to complying with the Clean Water Act. With these new standards, this will even be more the case. It is always a more "cost effective" solution to keep the soils in place and not have to try and capture them once they are in fluid motion. Once the soil particles are detached from the ground, it becomes very difficult to "catch" them again. One method for final collection is a formal treatment system.
- Active versus Passive Treatment Systems: The EPA recognizes two methods: Active and Passive treatment systems. Without getting into a lot of detail, ASP and Quick Supply have been performing research on effective passive systems that don't require large filtering systems but will release water that will meet the EPA mandate. Give your local representative a call and ask him what some of your options are in regards to cleaner water!!

Regardless of what you think of the ruling, it is Federal Law. ASP and Quick Supply are doing everything we can to come up with cost-effective solutions to the problem.

Don Thieman, CPESC, LEED Green Associate

## Locations:

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**Kansas City Office**:
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Toll-free: 800-519-2304
Fax: 816-554-2262

**Omaha Office:**
15263 Cooper Street
Omaha, NE 68138
Phone: 402-861-8579
Toll-Free: 877-678-8027
Fax: 402-861-8592

**Quick Supply:**
6620 NW Toni
Des Moines, IA 50313
Phone: 515-289-1271
Toll-Free: 800-362-2245
Fax: 515-289-1272

**Wichita Warehouse:**
5755 S. Hoover Rd #5
Wichita, KS 67215

**Springfield, IL Warehouse**
2728 South 11th Street
P.O. Box 3464
Springfield, IL 62708

Raintanks being installed in excavation site

Raintanks are installed with the beginning of the cover up

This Project is complete

# Project Spotlight

Project name: Skyline Trail Improvements
Project location: Elkhorn, NE
Products incorporated: Atlantis Raintanks, Mirafi 160N Geotextile, ADS Pipe
Purpose of project: Drain, contain and infiltrate standing water from Skyline Road and Skyline Trail after rain event.
Previous repair attempt: Ditch grading
Other Project Specifics: Fiber optic vault, trees in the way

Project by: Lynn Ewoldt—A.S.P. Omaha

Skyline Trail Improvements in Elkhorn Nebraska is the result of a drainage problem caused by the lack of elevation change which would leave water standing on Skyline road when it rained or had a significant snow melt.

A.S.P. visited with JEO to do a presentation on Atlantis Products and it was determined that Atlantis Infiltration tanks were a long term solution. The project was made more difficult due to the limited space but by choosing Atlantis they were able to reduce the excavation and footprint of a typical underground detention system, work around existing utilities and save mature trees.

Looking to find a solution that would have a long term result, Atlantis underground Raintanks were chosen along with using Mirafi 160N Geotextile, and ADS Pipe. Lynn Ewoldt worked with JEO Consulting and R&B Excavating to get the job done as quickly as possible. Often standing water on the roadway caused a slowdown in resident commutes which made it necessary to take a look at this area of our community.

This is why we were called in by JEO Consulting to assist in finding a solution that would work for years to come.

As you know A.S.P. is working very hard to utilize a variety of Green Solutions. Our customers are very interested in this as well. On this project we were able to do just that. Not only did we find the perfect solution to this problem, we were able to do it with a smaller footprint and save 8 trees from being removed. Now the roadway is free from standing water with the finished site being easy on the budget and visually eye pleasing.

## Tell it like it is!!

**We want your feedback?**
What would you like as a part of this newsletter? What civil site solutions can we provide to solve problems you are having? We want to hear it all!!

We would love to hear from you. Email us at news@aspent.com and give us your thoughts. We are always looking to improve our services to our customers.

# ASP Employee Profile

**Name: Steve Polinsky**
**Branch: Omaha, Nebraska**
**Office Number: 402-861-8579**

**Steve was added to our Omaha Nebraska inside sales team as a Customer Service Representative in July of 2008. Since then he has shown top notch customer service ability, an uplifting personality and an outstanding work ethic. He is a valued asset to our company and his "can-do" attitude is contagious.**

**Steve moved to Nebraska seventeen years ago with his family: wife Maria, daughter Kayla (20) and his son Kris (19). They live in the city of Bellevue. He retired from the United States Air Force in 2004 after 20 years of service to our great country. Give Steve a call in our Omaha office if you have any Customer Service questions. He is always eager to help and will get the job done.**

# Geosource Solution Center

**Project Name:** Edward Jones Dome-Baer Park
**Project Location:** Downtown St. Louis
**Purpose of Project:** Create overflow parking
**Products:** Geoblock 5150 (Grass pavers)

Project by: Mark Stirnaman– A.S.P. St. Louis

Downtown St. Louis is home to many exciting activities and locations, none more then the Edward Jones Dome. Thousands of people from near and far come into St. Louis every year, all with this destination in their sights.

The facility manager Tim Koerkenmeier, was referred to A.S.P. and worked with Ideal Landscape group to come up with an effective solution to the overflow parking area near the Dome. The parking lot base could not support the weight from the cars and trucks parked there when the main parking lot was full. Many times this particular parking area is used for Television and Satellite trucks for big events such as NFL Football games and NCAA Tournaments.

The desire to maintain the small amount of grass in downtown St. Louis really narrowed the options of making this area consistently accessible to these large trucks. The obvious choice was to use Geoblock 5150, a permeable grass paver. They could handle the heavy loads while keeping a nice clean turf look.

The solution was to remove 6" of soil and the previous failed grass paver. Ideal Landscape used a roller to compact the subgrade, then built up 4" of engineered fill (pea gravel and topsoil mixed together). They then placed the Geoblock over the engineered fill and backfilled with topsoil. The last step was to lay sod on top of everything.

To any guest of the Edward Jones Dome the site looks like a brand new lawn, however the Geoblock has already proven itself by handling the weight of a heavy truck that was used to water the turf and a full season of sporting events.

Presto GeoBlock Website.

*Geoblock 5150 (Grass Pavers) Ideal Landscape Group employee Installing product after sub-grade was prepared*

*A final look at the finished product*

In an effort to be **GREEN**, we are offering our newsletter via email. We are working hard to keep the file size small to keep it easy to get.

We need one thing from you, pass this newsletter on to fellow employees or contacts that may be interested in keeping up on all that's new and exciting in the Erosion Control field. We will not give your address out to any of our manufacturers, trade associations or anyone else. We value your security and would never jeopardize our relationship with you. We know we are in the era of way too many emails but we do hope you see a value in our newsletter.

***Please put me on your Email newsletter list***

Name:_____

Title: _____

Company Name: _____

Email Address: _____

(please fax this page to 636-343-4723 or email news@aspent.com)

## Calendar of Events

Iowa Stormwater Utilities - March 8-9—Ames, IA
http://www.aep.iastate.edu/water/homepage.html

TEAM-Transportation Engineers Conference
March 17-19-Branson, MO
Www.modot.org/team/2010

Great Rivers IECA -
March 24th-Columbia, MO
www.greatriversieca.org

APWA MO Chapter- April 25-27— Branson, MO
www. Apwa.net

# How can something so simple be so useful?

The EPA requires it. City erosion and sediment control inspectors demand it. Wal-Mart likes it. Contractors must have it. What is it? It's not a college football team in Lincoln, NE. It is the Big Red Curb Inlet Sediment Filter.

Manufactured by Storm Water Products and Distributed by ASP Enterprises this may be the simplest product we sell. The Big Red is a tubular weighted device that lays in front of the opening of a curb inlet. It is made of a bright red UV stable geotextile material that is sewn into a tube with a diameter of approx 8". The inside is filled with 100% recycled crumb rubber from recycled tires and weighs about 10 lbs per foot. Each one has black nylon handles sewn into it for ease of transport. Another feature is a pocket sewn into the top along the length of the filter where, if desired, rebar can be installed for additional rigidity.

Installing Big Reds is a snap! Just lay the "Big Red" in front of the opening of a curb inlet and leave a 2-4 inch gap between the filter and the sewer intake top. Then make sure the ends conform to the contour. Big Reds are reusable and durable enough to withstand jobsite abuse. When the project is completed, they can be rinsed out with a hose in a vegetated area and reinstalled.

There is more than meets the eye with the "Big Red". They are known for being easy to install, and for doing a great job of filtering dirty water as it pours from a street into a curb inlet. Most people are not aware of the tests showing the ability of shredded tire rubber to remove hydrocarbons and heavy metals from the storm water it is treating. When automobiles drip oil, or leave behind other unburned fuels on the pavement, these oils become suspended in rain water and get flushed toward the local steams and rivers. These and many other chemicals make up a group of compounds known as Polycyclic Aromatic Hydrocarbons (PAHs). PAHs can enter surface water by this route. They have also shown up in some underground drinking water supplies in the United States.

As an added benefit, the crumb rubber infill material in the Big Red has the known characteristic of absorbing hydrocarbons, including PAHs, Arsenic, and Mercury. Adsorbing is the process of a compound clinging to the outside surface of another solid. This was experimentally verified in a report "Use of Waste Tire Crumb Rubber to Remove Inorganic (Arsenic, Mercury) and Polycyclic Aromatic Hydrocarbons (PAHs) Species from Aqueous Solutions". This research was completed in 2007 and was funded by a USGS Water Resources Grant.

Our primary focus with this product is on removing sediments but, the ultimate goal of any sediment control device is to protect and clean our nation's waterways. How better than using a recycled product that works so well and is so simple to use.

Wayne McFarland
A.S.P. Omaha

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## *The Logo Corner:*

*Here is just a few of the Manufacturers we know and trust:*

SOILWORKS, LLC
SOIL STABILIZATION / DUST CONTROL / EROSION CONTROL

Atlantis
Water Management for Life

scourstop

GEOSYSTEMS

NORTH AMERICAN GREEN

TENCATE
materials that make a difference

P E C S
PROFILE EROSION CONTROL SOLUTIONS

Stintree Technologies Inc.

Quick Supply Co.

## Did you know?

Did you know that A.S.P. and Quick Supply has partnered and now has 4 offices with 6 warehouses of a wide variety of products even more convenient.

A.S.P. ENTERPRISES, INC.