

The Geosource Update

VOLUME 5 ISSUE 1

JUNE 7, 2013

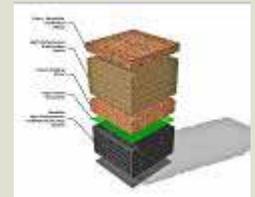
2013 "Clean and Green" Sustainability Conference and Expo Successfully Completed

On March 5-8 of this year, we completed a successful 4 city trip in 4 consecutive days. As was the case last year, we started our conference in Omaha, NE at the Tiburon Golf Course Club House. From there we went to Des Moines, Iowa, then Overland Park, KS, and finished up in St. Louis, MO. Not only were there 7 hours of information shared regarding Low Impact Development Solutions but 14 manufacturers from across the country supported our efforts by exhibiting in our Expo Hall.



Clearly, our LID message was met with a positive response. We have several projects in each of the markets we were in and a great deal of interest in our LID solutions. Here is a list of the products discussed:

- **Focal Point Biofiltration System**-A guaranteed biofiltration system that flows at 100 inches per hour. This system can replace that failing biofiltration pond that won't drain!!
- **PaveDrain Permeable Paving System**-Here is a permeable pavement system you can have faith in!! With an permeability rate of 4000 inches per hour, you can not only reduce impermeable surfaces with PaveDrain, you can consider the product a stormwater inlet and save money on reducing the infrastructure in a traditional design.
- **Atlantis D-Raintank Subsurface Water Storage System**-a product we have had for over 5 years, we now have over 40 projects under our belt and many of them adding the unique feature of rainwater harvesting. With the drought of 2012, we are seeing harvesting to be a hot topic this year.
- **Flexamat Concrete Revetment Mat**-This is the newest product for us this year. It is a very simple concrete revetment mat that will vegetate to create a hard armor, yet vegetated channel. No need for spreader bars and large equipment. It comes on a roll in widths from 4'-16'. A unique product for sure but one that can really fit the bill for some tough erosion control challenges.



We thank all the attendees for spending the day with us. If you were unable to attend, contact your local ASP/Quick office to set up an overview lunch presentation or email me [here](#) and I will forward on your request.

The Editor's Viewpoint: Rain, Rain, Go Away....

If it doesn't stop raining soon, I am afraid a couple of our salesmen may be headed to the looney bin!! Last year we were begging for rain and so far this year we seem to have had our more than our share. Let's hope we can get our ground moisture back up to a reasonable level. While it may be tough to work right now, the rain definitely reminds us of the importance of proper erosion and sediment control practices. Driving around last week in all of the rain, it sure seemed that construction sites looked a little lax in making sure all BMP's are in place and working correctly. The EPA is still planning inspection visits-make sure they do not have a reason to go on your site. It is in your best interest to have quality products installed correctly that give the first impression of a quality construction site. Nine times out of ten, they will just pass on by if it looks good from the street. If you need some help getting to that quality level, call us!! We can help!

Don Thieman, CPESC, LEED

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 Toll-free: 800-519-2304
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Omaha Office:

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Project Spotlight

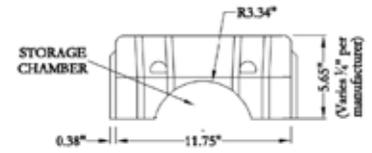


PaveDrain after installation and striped. Each block is approximately 1 square foot (nominal).



Note the sediment protection on the right. It is critical that permeable paving solutions be protected from construction sediment and debris.

Project Name: The District and Jethro's Restaurant
 Owner: Prairie Trail
 Installer: A+ Landscape
 Engineer: Niles and Associates
 Dates: Installed September, 2012
 Location: Ankeny, Iowa
 Products: PaveDrain and Mirafi 580i High Strength Fabric
 Quantity: 2200 square ft.



Project Scope: PaveDrain was used on this project to improve storm water quality by allowing for additional filtration and detention of 15 acres of upstream, impervious surface. The filtered and stored water was then released into a storm-water pond as an amenity.

Product Scope: PaveDrain is an Articulating Permeable Concrete Block Mat. This unique product offers exceptional pavement strength with over 4000 psi concrete blocks, but also superior water infiltration in the range of 4000 inches per hour per square foot. No other permeable system can possibly infiltrate to that level. This particular project was hand placed but larger projects (5000 sq. ft. or larger) would be installed with a cabled system (see inset picture).

Conclusions: Installation was completed in September of 2012. Extra care was taken during the installation to keep construction debris and sediment out by temporarily covering the inlets and utilizing a filter sock on the pavement leading to the PaveDrain section. PaveDrain has performed very well and has already been designed on another portion of the development.



[In St. Louis, we are an MSD Approved Permeable Paving Solution!! Click here](#)

[Our Stormwater Solutions Page](#)

Steve Krehbiel, Quick Supply Co.

Tell it like it is!!

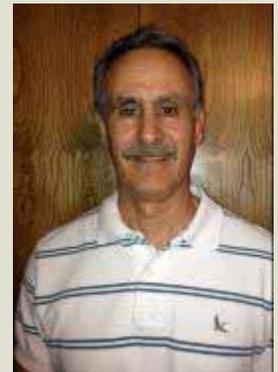
We want your feedback? What would you like as a part of this newsletter? What civil site solutions can we provide to solve problems you are having? We want to hear it all!!

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.



Quick Supply Employee Profile

Name: Ted Ragias-Outside Sales
Branch: Wichita, KS
Cell Phone Number: (316) 393-1554



Ted comes to us as the sales representative for the Wichita/Western Kansas and Oklahoma territories. Prior to coming to ASP, Ted worked for over 30 years in the elevator industry, serving in various sales, operations and management roles in Kansas and Florida. Ted has been a Wichita resident for over 20 years and has worked with many contractors in the area in his previous industry. He is already out hitting the pavement so you will probably see him in the coming months if you are in Wichita and west.

Ted and his wife Pam have 4 children and one grandchild.

Please welcome Ted to the ASP Team.

Project Name: Monsanto Hangar Parking Lot Pavement Overlay

Project Location: Chesterfield, MO

Problem: Deteriorating Asphalt Parking Lot

Solution: New Concrete Curb & Gutter, Series of strategically placed trench drains totalling approx. 500 lf and full depth asphalt reclamation.

Contractor: Byrne & Jones Construction, Wilson Concrete

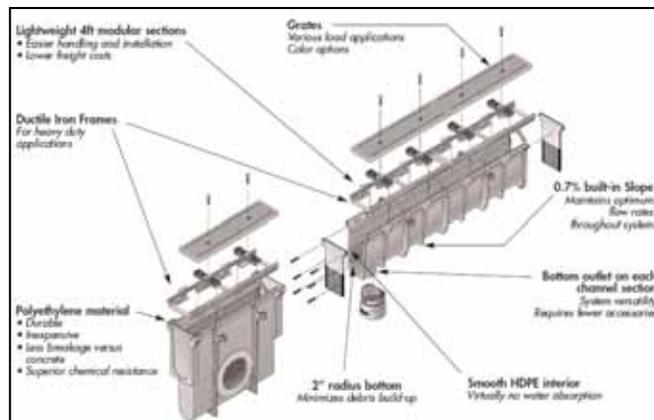
Background:

This particular parking lot was in very poor condition. To rebuild it in today's stormwater standards presented several challenges. The area is in a floodplain with a very high water table due to its close proximity to the Missouri River. Conventional stormwater design & construction methods, such as storm pipe and catch basin design could not be utilized. Even non-conventional methods, such as porous pavement(s) would not provide the required storm water detention.

Solution: John Pearson, Project Manager of Byrne & Jones Construction called Guy Litteken in our St. Louis office during the bidding phase for cost estimates on the drainage materials. After project award, Vernon Reckamp, the Project Superintendent and Guy worked through the different grade challenges that would prove most difficult for some. Vernon's knowledge and calming nature was certainly a huge asset in the project's success. He demonstrated great abilities in adapting to field conditions and creating solutions. Guy's knowledge of the available drainage products created the necessary diverse team that would create the successful solution. NDS Duraslope Trench Drains were installed in the gutter line and in the front side of adjoining parking spaces. NDS Dura-Slope can be installed on a radius without the need for field cutting. This saves time and money, and offers a clean-line appearance. In this instance, the radius was able to match the row of parking spaces. The system has been specifically designed and manufactured to ensure strength, structural integrity and durability, while incorporating excellent hydraulic characteristics and chemical resistance.

Byrne & Jones completed construction of the project; including concrete curb & gutter, stormwater drainage and utilized full depth asphalt reclamation to finish on-time and under budget.

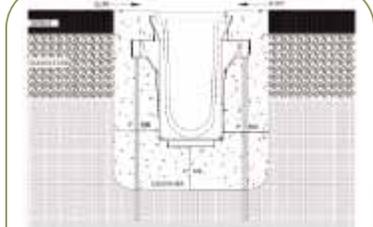
Guy Litteken, CPESC



Note the ease of installing a radius corner with Duraslope.



No special order requirements to obtain a consistent radius turn.



Duraslope is most often surrounded by 4\"/>

Calendar of Events

June 26th: KSPE Annual Conference; Mayetta, KS
<http://www.kansasengineer.org>

June 26th: Iowa AMU-Flood Control Best Management and Stormwater Treatment Train, Ankeny, IA
[Click here](#)

July 8-13: LICA Summer Convention, Cleveland, OK
[Click Here](#)

August 18-22: Stormcon, Myrtle Beach, South Carolina
www.stormcon.org

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 download.

We need one thing from you-your email address. 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. Subscribe today by going to www.aspent.com and go to the "Join Our Newsletter" section on the home page.



Are You Compliant?

Outpak Concrete Washout® unit is designed to be a portable solution for harmful industrial concrete sediment, paint, dry wall mud, stucco, and mortar. With Outpak Concrete Washouts your job site will be organized, eco-friendly, and BMP compliant to avoid costly fines. They are designed for a simple and quick set-up in minutes and can remain for the duration of the project. Outpak Concrete Washout is compatible for both mixer, pump trucks and wheel barrows. Dispose of after evaporation and job completion.



Easy Setup



Corrugate Washout

Outpak Corrugate Washout is a Universal, "portable" washout. Good for mixer truck, and wheel barrow washout containment. Dispose of after job completion.

Pump Truck Washout



6x6 Outpak Washout holds up to 1.3 cubic yards of concrete and waste water.

945-123030	30" x 30" x 14"h Corrugate Washout	0.25 cu yds	3 Washouts	6 lbs.	\$34
945-123404	4' x 4' x 14"h Corrugate Washout	0.68 cu yds	10 Washouts	10 lbs.	\$65
945-123406	6' x 6' x 12"h Corrugate Pump Washout	1.33 cu yds	15 Washouts	16 lbs.	\$78

Long-lasting PVC Washout

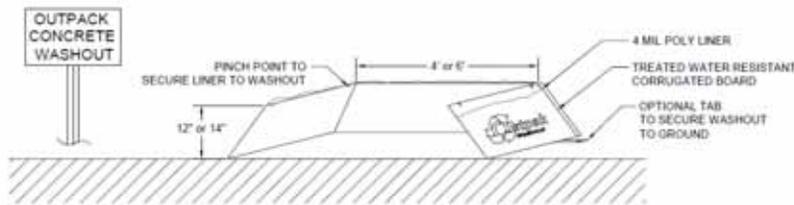


PVC Washout

PVC Washouts are designed for larger volume of containment for pump trucks and mixer trucks.

The high UV resistance of the PVC Washout, allows for longer job life and higher tolerance to weather conditions.

965-001430	6' x 8' PVC Washout	2 cu yds.	30 Washouts	38lbs.	\$325
965-001440	8' x 10' PVC Washout	3 cu yds.	45 Washouts	50lbs.	\$425



NOTES:

1. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THIS PROJECT.
2. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT.
3. THE CONCRETE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTE CONCRETE AND OTHER LIQUID WASTE.
4. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
5. DO NOT MIX EXCESS AMOUNTS OF FRESH CONCRETE OR CEMENT ON-SITE.
6. DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
7. AVOID DUMPING EXCESS CONCRETE IN NON DESIGNATED DUMPING AREAS.
8. LOCATE WASHOUT AREA AT LEAST 50' (15 METERS) FROM STORM DRAINS, OPEN DITCHES, OR WATERBODIES.
9. WASH OUT WASTES INTO THE OUTPAK WASHOUT AS SHOWN WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED OF PROPERLY.



The Midwest's **Most Trusted** Site Solutions Provider



The Outpak washout is the simplest washout on the market.



This medium washout can hold up to 10 washouts.

The Logo Corner:
Here are just a few of the Manufacturers we know and trust:

