

Stackhouse Bensinger, Inc.

# SBI Quarterly

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## Special points of interest:

- Significant changes to DEP Chapter 102 regulations
- New regulations will impact site layout, design, construction costs and on-going maintenance requirements.
- Stackhouse Bensinger Inc. can assist you in understanding and meeting these new regulations.

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**We want to hear from you!**  
**Contact us at [ssainc@stseinc.com](mailto:ssainc@stseinc.com)**  
**or visit us on the web at [www.stseinc.com](http://www.stseinc.com)!**

## New Chapter 102 regulations in effect

In November 2010, new Pennsylvania Department of Environmental Protection (DEP) regulations governing erosion and sediment control and permanent stormwater management Best Management Practices (BMPs) went into effect in Pennsylvania (see [http://www.pacode.com/secure/data/025chapter102/025\\_0102.pdf](http://www.pacode.com/secure/data/025chapter102/025_0102.pdf)). These regulations reflect significant changes to the former regulations.

Some of the major revisions or additions to the regulations that will impact site layout, design and construction costs and on-going maintenance requirements for the property

owner include the following:

- National Pollutant Discharge Elimination System (NPDES) Phase II permits are now required for all sites where the total earth disturbance over the life of the project is 1 acre or more, regardless of whether or not there will be a stormwater point discharge.
- Permit application fees have increased significantly. The base permit fee for General and Individual permits increased to \$500 and \$1500, respectively, and an additional fee of \$100

per acre is also required. The Berks County Conservation District (BCCD) application fee is now based only on the disturbed acreage for both residential and non-residential projects. BCCD also charges a Post-Construction Stormwater Management (PCSM) fee equal to 50% of the E&S fee.

- During critical stages of the E&S and PCSM BMP construction, a licensed professional or designee must be on site to ensure the BMPs are constructed in ***(Continued on Page 2)***

## Bob Stewart receives "Preparer of the Year" award

On Monday, March 28, 2011 during a banquet held at the Fleetwood Grange, Bob Stewart from our office was presented "Erosion Control Plan Preparer of the Year" Award by the Berks County Conservation District (BCCD).

Robert (Bob) Stewart, CPESC, EIT, graduated from Penn State University in 2002 and has worked with us here at Stackhouse Bensinger, Inc. since 2004, obtaining his Engineer in Training License in 2006. In the words of BCCD, "Bob's designs show an excellence in design methodology while utilizing standard construction techniques. His submissions are complete, containing all necessary documentation, fees, etc., and his professionalism is evident in his submissions, discussions and communications."

*Below, Bob Stewart, left receives his award from Glenn Seidel, Chairman of the Board of Directors of Berks County Conservation District.*



## April is Landscape Architecture Month

In keeping with nature's abundance and wonder, the month of April definitely belongs to landscaping. April is designated Landscape Architecture Month. Earth Day was April 22 and April 26 is the birthday of Frederick Law Olmsted, whom many consider the father of the American landscape architecture profession.

"More than ever, we must recognize that the space between, on top of and around buildings is as important, if not more, in creating a sustainable world," said Gary Scott, FASLA, President of the American Society of Landscape Architects (ASLA). The organization has been promoting its campaign "Designing Our Future" during April

Here at Stackhouse Bensinger Inc., in addition to offering survey, land development and engineering services, we employ a number of Landscape Designers and Registered Landscape Architects who would be happy to assist you with your design needs.

**SBI Quarterly is provided as a means of informing, updating and acknowledging points of interest in order to better serve our clients and other professionals.**

## First Energy Stadium Project nearly complete

SBI provided the site and civil services as part of the \$10 million renovations to the stadium. The project also included creating additional parking facilities. Renovations were complete for the opening game of the season April 14, 2011.

Other current projects include:

- Hamburg School District Stadium
- Wilson West
- Alvernia College
- Exeter Elementary School
- Cocalico School District Additions

Look for more information on these projects in future editions of **SBI Quarterly**, contact us directly or visit our website [www.stseinc.com](http://www.stseinc.com).



First Energy Stadium awaits opening night crowds.

## New Chapter 102 regulations in effect (Continued from Page 1)

accordance to the approved plan. This construction observation is required for the licensed professional to certify the as-built plans as part of the permit Notice of Termination (NOT). Most projects will also require as-built survey of subsurface BMPs during construction.

- All future property owners of lands on which permanent PCSM BMPs have been constructed are responsible for on-going long-term operation and maintenance, including replacement (if necessary) of defective facilities. This responsibility also includes buyers of individual residential lots. These maintenance

responsibilities must be clearly stated in the deed(s) for a property that contains a BMP and is covered under the NPDES Permit. A copy of the recorded document(s) must be submitted with the NOT application.

- In Special Protection watersheds (High Quality or Exceptional Value) where the watershed is attaining its designated use, no earth disturbance is permitted within 150' of a perennial or intermittent river, stream, creek, lake, pond or reservoir. If a Special Protection watershed doesn't meet one or more of its designated uses (non-attaining), any existing riparian forest buffer

must be protected within 150' of the surface water, or a riparian forest buffer must be established. These buffers must be permanently marked in the field, and an access easement that runs with the land must be recorded. A long-term management plan must also be prepared.

While not exhaustive, the list above summarizes the major regulation changes that will require additional design, construction and legal costs, as well as restrict development within certain areas in Special Protection watersheds. Stackhouse Bensinger, Inc. has a long-standing and excellent working relationship with numerous local Conservation Districts and DEP.