



Lennon, Smith, Souleret
Engineering, Inc.

Civil Engineers and Surveyors

LSSE News

Lennon, Smith, Souleret
Engineering, Inc...
one of the region's largest
engineering units dedicated
solely to civil engineering.

Fall 2011

LSSE Presents:

LSSE routinely hosts and/or participates in continuing education programs, which are necessary to maintain professional licenses and to stay abreast of advances in technology and changes in regulations. In addition, LSSE participates in numerous professional, technical and governmental forums for the purpose of technology transfer and client education. These activities include the hosting of seminars for clients and associates, as well as presenting results of unique LSSE experience in many market sectors. Below is a list of recent or upcoming presentations. Copies of these presentations will be posted on our website at www.lsse.com/lsse-presentations-main.html. We hope you can join us for the upcoming presentations at the 2011 Joint Fall Conference of Townships, Boroughs & Authorities (Seven Springs) as well as the 3 Rivers Wet Weather Conference (Monroeville, PA)!



Changes to Chapter 102 Erosion and Sedimentation Control Training for Municipal Clients, June 2011

June 2011 WEF Collection Systems Conference – Effective, Sustainable, Long-Term GWI and RDI/I Source Reduction: RTK and Design Storm Analysis of 7 Years of Post-Rehabilitation Monitoring

- **Presenter:** Lawrence J. Lennon, P.E., D.WRE, Managing Principal

June 30, 2011 – Introduction/Overview of Changes to Chapter 102: Erosion and Sedimentation Control and Brief Update on MS4, ADA, Highway Occupancy Permits, and MUTCD Signage Requirements

- **Presenters:** Kevin A. Brett, P.E., Principal, John R. Heyl, P.E., CPESC, Matthew T. Carroll, CPESC, Timothy R. McClelland, P.E., Daniel J. Larkin, P.E., Robert C. Bassett, P.E., Robert T. Firek, P. E.

September 13, 2011 PMAA Conference – Innovative Nitrate Removal and Distribution

- **Presenter:** Lawrence J. Lennon, Jr., P.E., Senior Engineer

September 13, 2011 PMAA Conference – Impact of the Federal Groundwater Rule Requirements on Iron and Manganese Treatment Plant Operations

- **Presenter:** Ned Mitrovich, P.E., Principal

September 30, 2011 Fall Conference of Townships, Boroughs & Authorities – PennDOT's New Highway Storm Sewer Regulations – How Boroughs and Townships Protect Themselves

- **Presenters:** Robert C. Bassett, P.E. and Daryl St. Clair, Acting Director, Bureau of Highway Safety and Traffic Engineering, PennDOT

October 4, 2011 3 Rivers Wet Weather Conference – Navigating through the Sewer System Analysis MAZE

- **Presenters:** Jason E. Stanton, P.E., Principal and Ned Mitrovich, P.E., Principal

October 4, 2011 3 Rivers Wet Weather Conference – Intermunicipal Agreements: Stay with the Basics and It Can Be Done

- **Presenters:** Lawrence J. Lennon, P.E., D.WRE, Managing Principal and Ruthann Omer, The Gateway Engineers

Visit www.lsse.com/lsse-presentations-main.html to download copies of the above presentations!

Project Highlights and New Clients

PROJECT HIGHLIGHTS

■ Martinsburg Municipal Authority held a ribbon-cutting to mark the completion of their \$2.7 million Nitrate Water Treatment Facility, Blair County in August 2011.

Throughout this project, LSSE worked with the Authority to provide planning, design, permitting and construction phase services for this innovative, potable water treatment project to remove nitrate from the central Pennsylvania community's drinking water supply.

■ LSSE recently completed Gas Main Pipeline Transmission Line Surveying Services for Larson Design Group for a 26-mile main pipeline transmission line in Washington and Greene Counties.

Surveying services included pipeline centerline; right-of-way and/or limit of disturbance stakeout; topographic surveys; and boundary/property work for preparation of easement plans.

■ Under contract with the Regional Industrial Development Corporation (RIDC) of Southwestern Pennsylvania, LSSE performed a Composite Utility Survey of the Keystone Commons Industrial Park situated in East Pittsburgh Borough, Turtle Creek Borough and North Versailles Township. The survey included location and identification of sanitary, storm, power, and communication manholes and overhead utilities over a 70 acre site.



Martinsburg's Nitrate Removal Water Treatment System Ribbon Cutting August 2011



Martinsburg's Nitrate Removal Water Treatment Facility

This Keystone Commons project has also included engineering services for preparation of a Parking Lot Conceptual Plan and design of a truck entrance from Braddock Avenue to South Boulevard at Portal No. 5, as well as engineering services for preparation of a Parking Lot Conceptual Plan and design along Braddock Avenue at Portal No. 7. Services included field surveys, conceptual plan preparation, design services, permitting and preparation of construction plans.

■ Industrial Client (Confidential) Industrial Plant Sewer Assessment/Inspection

Project has kept LSSE employees busy over the past summer with field surveys, mapping and coordination of CCTV work. LSSE employees are currently working on the annual report for CCTV.

■ South Shore Riverfront Park Phase 3A Trail in the City of Pittsburgh is set for completion this fall. LSSE provided site design services as a sub-consultant to Environmental Planning and Design, LLC (prime consultant).

NEW CLIENT

■ LSSE was recently appointed the role of Alternative Engineer for Peters Township. As Alternative Engineer, LSSE will provide municipal engineering services to Peters Township when a conflict of interest arises with the Primary Consulting Engineer. These services may include third party developer reviews and construction inspection services.

Municipal Regulatory Updates

PaDEP Renews MS4 Permit

The Pennsylvania Department of Environmental Protection (PaDEP) announced on September 27, 2011 that the PAG-13 will be renewed March 15, 2013 for another 5 year permit cycle (March 15, 2013 to March 14, 2018). Additionally, the PaDEP issued another permit extension of 9-months to March 14, 2013. General Permits are automatically, administratively extended and Individual Permits must file for a permit extension.

The new permits require more detailed information regarding the mapping of the storm sewer systems; preparation of a written TMDL (Total Maximum Daily Load) Plan for municipalities that discharge to impaired Waters with a TMDL;

preparation of written plans for addressing each minimum control measure; adoption of a Stormwater Maintenance Ordinance and Stormwater Management Ordinance or submittal of a certification from the Township Solicitor states that certain checklist items are included in the municipality's Stormwater Ordinances already; and sampling of each outfall once during the permit cycle for municipalities that are renewing their permit and twice for new permittees.

The Notice of Intent (NOI) for permit renewals, including the TMDL Plans, must be submitted to the PaDEP by September 14, 2012.

PA One Call Changes

On May 19, 2011, the Pennsylvania One Call System Inc. released a notification that updated one call notice to include segregating Preliminary Design One Call and Final Design One Call notifications, effective July 19, 2011. Therefore, any one call made after July 19th and within the 10 to 90 day period is designated "FINAL DESIGN" and any one call made beyond the 90 day period is designated "PRELIMINARY DESIGN".

Prior to July 19th, all PA One Calls made in the time frame of 10 days to 90 days before construction or at any time period beyond the 90 days, were designated "Design" One Calls.

LSSE 23rd Annual Picnic 2011



YEARS OF SERVICE AWARDS:

Ned Mitrovich (15) / Eric R. Beringer (10) / Ryan P. Gilligan (10) / Emily A. Palmer, P.E. (10) / Andrew P. Zachodni (10) / Gary M. Baird (5) / Daniel Biber (5) / Gary Gorajewski (5) / Scott D. Grogan (5) / Richard W. Laughlin (5) / Jason Moyer (5)

Mad Dash: LSSE Employee Competes in Local Races

LSSE employee, Eric Beringer, and his wife Carrie Beringer competed in several races this summer as part of Grass Roots Racing, a collaborative effort of outdoor enthusiasts in the Pittsburgh area.

According to their website (www.rootsrace.com), Grass Roots Racing is dedicated to increasing the understanding, appreciation, and use of the natural environment through the medium of adventure racing.

- The Beringers com-

peted in the The Urban Race for Fifty (TURFF) on May 21st and placed 3rd out of 16 in the coed division and 17th out of 59 overall. The race included up to 2 miles of flat-water paddling on the Allegheny River, 12+ miles of biking on bike trails and roads, and 6+ miles of running.

- At the Moraine Adventure Dash (MAD) on July 9th, they finished 3rd out of 9 in coed and 17th out of 44 overall. This race included 1 mile of

swimming, 10-12 miles of single track mountain biking, 5-6 miles of technical trail running and navigation.

- They also plan on racing in the final event, the Hidden Valley Adventure Challenge Season Finale (HVACSF) on October 15th, which includes 9 miles of trail running and 16 miles of mountain biking and navigation. Good luck from your fellow employees here at LSSE!

Congratulations!

- Xander T. Zachodni was born on July 1st to [Andy Zachodni](#) and wife, Rebecca.
- [Scott Grogan](#) and wife, Alisha, welcomed baby Isaac Thomas Grogan on August 2.
- [Aubrey A. Betts](#) and [Shannon B. White](#) became permanent, full-time LSSE employees.
- [Owen Gerhard](#), grandson of Dan Gilligan, was born on July 14th to Devin (Gilligan) and Larry Gerhard.

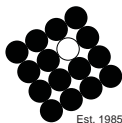
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LSSE News is published for the benefit of our clients, associates and friends. Further information can be obtained by contacting Daniel S. Gilligan, Managing Principal/Vice President at (412) 264-4400. www.lsse.com • info@lsse.com

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Managing Principals: Lawrence J. Lennon, P.E., D.WRE; Larry W. Souleret, P.E., P.L.S.; and Daniel S. Gilligan
Principals: Ned Mitrovich, P.E.; Jason E. Stanton, P.E.; and Kevin A. Brett, P.E.

MUNICIPAL | WASTEWATER & WATER | SITE DESIGN/LAYOUT | ROADWAY & PAVEMENT | STORMWATER | PARKS & RECREATION | GIS/MAPPING | GRANTS ADMINISTRATION



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