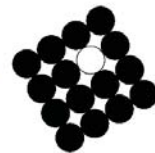




Lennon, Smith, Souleret
Engineering, Inc...
one of the region's
largest engineering units
dedicated solely to civil
engineering.

LSSE News



Spring 2011

Energy Improvements at Sewage Treatment Facilities Net Big Cost Savings

Peters Township Sanitary Authority (PTSA), located in Washington County, completed energy improvements in February 2011 at its two wastewater treatment plants that are estimated to save over \$27,000 annually in energy consumption based on preliminary full-scale operating data.



Brush Run, New Explosion-Proof Ventilation Unit and Conduit

LSSE assisted PTSA, which has about 6,000 customers, in obtaining a \$137,250 Pennsylvania Conservation Works! grant to help fund the project. LSSE also completed

the concept planning, specifications, and bidding for the project.

At the Brush Run Water Pollution Control Plant, the existing headworks building was modified from continuous to intermittent ventilation operation as well as other improvements, including open floor grating being replaced with solid plates to prevent the escape of heat through the effluent channel. Also, a variable frequency drive (VFD) was installed for an existing 100-HP blower motor and a dissolved oxygen (DO) ana-



Brush Run, Digester Blower VFD and Controls



Donaldson Crossroads, Blower Nos. 1 and 2 VFDs within Weatherproof Enclosures

lyzer, enabling variable motor speeds when process oxygen levels require it.

At the Donaldson Crossroads Water Pollution Control Plant, three existing 60-HP blower motors were replaced with high-efficiency motors, along with the installation of four VFDs with process DO control. These improvements resulted in significantly reduced electrical consumption.

A Watt Watcher Rebate of \$16,904 from Allegheny Power helped offset a portion of PTSA's local match.

LSSE President Named "2011 Civil Engineer of the Year" by ASCE



LSSE is pleased to announce that the firm's President, Lawrence J. Lennon, P.E., D.WRE,

has been selected for the "2011 Civil Engineer of the Year" award by the American Society of Civil Engineers (ASCE) Pittsburgh Section.

Mr. Lennon's award was presented at the Section's Annual Engineer's Week Banquet in February. To be eligible for this award, ASCE required the professional to have an established reputation for professional service and attainment; notable performance, meritorious achievement; long

years of distinguished service acknowledged eminence; created original work, development, or activity; made valuable contributions in improved practice and applications benefiting the profession; made contributions to increase knowledge and advancement in his or her branch of engineering; shown activity in ASCE affairs; provided community service outside of professions; and shown character and integrity.

Mr. Lennon was also named Engineer of the Year for 2008 by both the Engineers Society of Western PA (ESWP) and the Society of American Military Engineers (SAME) Pittsburgh post.

Mr. Lennon, founding Principal of Lennon, Smith, Souleret Engineering, Inc., has been engaged in the practice of Civil Sanitary/Environmental Engineering since 1975.

Project Highlights and New Clients

PROJECT HIGHLIGHT

■ Redevelopment of the Pittsburgh region's "Brownfield" (abandoned/vacated industrial) sites continues with the Beaver County Corporation for Economic Development's (BCCED) recently completed Bridgewater Crossing.

The 12-acre site located at the confluence of the Beaver and Ohio Rivers formerly hosted a river barge repair facility. Following remediation of the former site, BCCED hired LSSE to provide civil-site design and related services for a new industrial/commercial development.

Phase 1 engineering design components included a roadway extension (Mulberry Street extension including pavement, concrete curbing and sidewalks, and ADA accessible ramps), two building pads, sanitary and storm sewer design, site utilities, at grade signalized railroad crossing



BCCED's Bridgewater Crossing
Photo courtesy of Emmanuel Panagiotakis

and PUC permit, a riverfront park, boat launch and docking facilities.

Phase 2 included a pedestrian riverwalk and river outlook areas with pedestrian benches, lighting and landscaping for the riverfront park. The project also consisted of

a pedestrian walking path, which encircles the entire industrial/commercial development.

NEW CLIENTS

LSSE is pleased to announce that we have been selected to serve as municipal engineer for North Fayette Township and the Borough of Ben Avon Heights, Allegheny County.

■ Project activity for North Fayette Township includes basic municipal engineering consulting; design, permitting and construction phase services for the Bateman Road sanitary sewer extension; various services relating to the Township's Administrative Consent Order with the Allegheny County Health Department; and third-party developer reviews.

■ Services provided to Ben Avon Heights include general municipal consulting and Administrative Consent Order related tasks.

ASCE Selects Larry Souleret as a Director

ASCE recently selected Larry W. Souleret, P.E., P.L.S., Managing Principal and Vice President of LSSE, as a Director of the ASCE Pittsburgh Section.

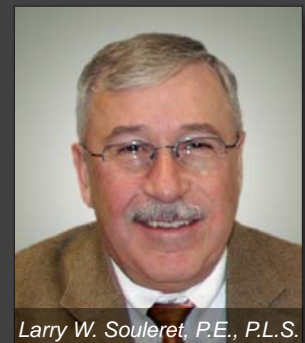
Why did he accept this nomination? According to Mr. Souleret, in the 1980s, he was active with the Beaver County Chapter of the Pennsylvania

Society of Professional Engineers (PSPE) and served as President in 1984/1985. He wishes to renew his service to the profession with ASCE. Mr. Souleret says, "Society, and specifically, our nation's infrastructure, is in need of our services. I will strive to improve our profession's standing in the community including building public knowledge and aware-

ness, encouraging our youth to become engineers and promoting education and public policy affecting Civil Engineering."

Mr. Souleret received an Associate Degree in Surveying Technology from the Pennsylvania State University and a BS in Civil Engineering from Geneva College. He is registered as a Profes-

sional Land Surveyor in Pennsylvania and as an Engineer in Pennsylvania and Ohio.



Larry W. Souleret, P.E., P.L.S.

LSSE Welcomes New Additions

LSSE welcomes new additions:

- Aubrey A. Betts, graduate of Pittsburgh Technical Institute, recently joined LSSE as a CADD Technician.
- Shannon B. White, graduate of ITT Technical Institute, also joined LSSE as a CADD Technician.
- Sheena M. Hoover, graduate of Clarion University with a B.S. in Communication, joined LSSE as Administrative Assistant - Marketing. Ms. Hoover is the current Chair of the Public Awareness Committee and a Director of the Southwestern Pennsylvania Engineering Outreach (SPEO). She is also Co-Chair of the "Morning Show" Educational Committee of the Society for Marketing Professional Services (SMPS) Pittsburgh Chapter.

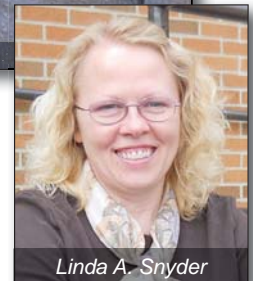


Sheena M. Hoover



Shannon B. White / Aubrey A. Betts

- Linda A. Snyder, who has a B.F.A. from Carnegie Mellon University, joined LSSE as a Part-Time Technical Editor.



Linda A. Snyder

LSSE's Corporate Cup Ski Team Wins Two Years in a Row!

The LSSE team took first place in the 27th Annual Corporate Cup Ski Race at Seven Springs benefiting the Blind & Vision Rehabilitation Services of Pittsburgh earlier this year. Congratulations to LSSE

Engineers Eric Beringer and Ryan O'Mahoney, and guest teammate Zolin Cook, pictured below with Gold Medal Olympian Diann Roffe.



Ryan O'Mahoney, Gold Medal Olympian Diann Roffe, Eric Beringer and Zolin Cook

LSSE Assists Clients in Securing H2O and PENNVEST Grants/ Loans

LSSE has assisted in the acquisition of \$116 million in funding (grants and low-interest loans) for our clients. LSSE helped secure funding for the following recently approved projects:

H2O GRANTS

- Rochester Borough Sewer and Maintenance Authority, Beaver County, \$1,000,000 for 2011 Sewer Improvements Project
- West Newton Borough, Westmoreland County,

\$687,290 for Sewer System Improvements

- North Sewickley Township Sewer Authority, Beaver County, \$500,000 for Phase III Sewer Improvements
- Peters Township Sanitary Authority, Washington County, \$225,000 for Valley View Drive Sanitary Sewer Extension
- Cochranon Borough, Crawford County, \$350,000 for Sewage Facilities Project

PENNVEST

- West Newton Borough, \$588,000 grant and \$2,250,000 loan for the CSS Phase I Sewer Project



Congratulations!

- **Tim Brett, P.E.**, and his wife Lindsey welcomed baby Brooklyn Rae on February 25.
- **Kevin Brett, P.E., Principal**, became registered as a Professional Engineer in Ohio, Maryland, and West Virginia.
- **Ned Mitrovich, P.E., Principal**, became registered as a Professional Engineer in Ohio, Maryland, and West Virginia.

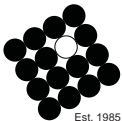
Lennon, Smith, Souleret Engineering, Inc.

LSSE News is published to over 1,300 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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Civil Engineers and Surveyors

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