



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

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LSSE Promotes Career Development:



Ned Mitrovich instructs students in water filtration experiment

LSSE hosted local high school students on June 26 and 30, as part of the Pittsburgh Pipeline 2014 Summer Career Exploration Program. Pittsburgh Pipeline is a career exploration program for high school students to develop work ethics and an awareness of career opportunities that focus on the water industry. LSSE's Ned Mitrovich, P.E. and Larry Lennon, Jr., P.E. provided an overview of the engineering profession and led over 35 high school students from the Pittsburgh School District through several activities / experiments to increase their knowledge and interest in water quality and treatment.

One of the students who attended the first event, Sarah Kucic, wrote the following about her experience at LSSE.

"The pipeline interneers and I had a wonderful time doing this project [water filtration experiment] ... After lunch, we headed to a nearby creek to time the flow of water by dropping an orange into the water. The Pipeline interneers really enjoyed this activity ... a very enlightening topic that caught the interest of several students."



Students from Pittsburgh Pipeline 2014 Summer Career Exploration Program posed together on their field visit to Montour Run. The students performed a stream flow velocity experiment.

Lawrence J. Lennon to receive National WEF Award in New Orleans

Lawrence J. Lennon, P.E. D.WRE, has been selected by the WEF Board of Trustees as this year's recipient of the WEF Collection Systems Published Contributions Award for the paper entitled "Green Infrastructure Opportunities in Gray Wet Weather Plans."

This paper presented the findings of feasibility level assessments to determine the viability of developing site specific Green Infrastructure (GI) projects as a component of a large regional CSO Long Term Control Plan. The paper also describes a new approach to Collection System source flow reduction assessment and alternatives analysis that consider the location, capital cost, and effectiveness of incorporating specific identifiable municipally owned and operated GI control alternatives (GI vs Gray) into a LTCP.

Larry will be accepting the award as the Primary Author of this paper. The Awards and Presidential Reception and Ceremony will be taking place on Tuesday, September 30, 2014 in New Orleans at the WEFTEC annual conference.



Online Version

NFIP Lunch n Learn

On August 7, 2014, LSSE reviewed the new National Flood Insurance Program (NFIP) requirements and the Community Rate System (CRS) with several clients. The CRS recognizes community efforts and activities that help reduce flood insurance rates, but communities must apply to obtain the points toward rate reduction. During the lunch we reviewed the many aspects of the program and provided advice for the application process. If your community is interested in NFIP guidance contact Larry Souleret or Emily Palmer at our office.



Light the Night Walk for Leukemia and Lymphoma Society on October 9th

LSSE will be sponsoring the Light the Night Walk on October 9, 2014 at Heinz Field in Pittsburgh, Pennsylvania. The Walk raises important funds to support research to help find a cure for blood cancers and improve the quality of life for patients and their families.

LSSE has been running several events over the last 3 months including a Breakfast, Soup Lunch, Bake Sale, 50/50 Raffle, Basket Raffles including golf outings, half-day sailing, parking spaces, and cubicle survival kit, POP Hero Game - where we drew a name and filled the office/cubicle with balloons, Spare Change Donation and a Recyclable Metal Collection.

We are still looking for walkers and donations for our team. You can donate or join our walk by visiting <http://www.lsse.com/lsse-responsibility.html> and clicking on the link to go to our campaign page.



LSSE's volunteer cooks and employees at this year's Breakfast Fundraising Event

PA Report Card

You may not think about Pennsylvania's infrastructure, but it is an important part of your life: traveling across roads and bridges, clean drinking water and streams, and the reliable energy to power our electronics. Most of us take infrastructure for granted even though it moves our economy and provides comfort for our lives.

The American Society of Civil Engineers (ASCE) provides a Report Card on Pennsylvania's Infrastructure and how it is doing at www.pareportcard.org.

The Pennsylvania Legislation has taken steps toward improving highway infrastructure by recently passing the Transportation Bill. This is just the beginning as other infrastructures are in need



of repair and our "B, C and D" grades show that we still need to prioritize and continue our efforts.

Larry Lennon, Jr., Assistant Design Manager at LSSE, helped write the Drinking Water Quality portion of the Report Card. In this report, recommendations and policies are outlined that address the required \$13.9 billion that will be needed over the next 20 years to replace drinking water facilities and comply with safe drinking water regulations. Each of us has a role in making these improvements. Visit the Report Card to read about all of the assessments and ASCE recommendations that can be followed to improve Pennsylvania's infrastructure.

Around the Office

Employee Appreciation Cookout

On July 2, 2014, the LSSE Principals held an Employee Appreciation Cookout for all employees. Dan Gilligan and Larry Souleret cooked up burgers and hot dogs while other employees brought in salads and desserts.



Salsa Contest

In May, the employees of LSSE held a Salsa contest with everyone voting for their favorite recipe. There were many good salsas ranging from hot to sweet and all the cooks were declared winners. The public favorite was a delicious Sweet Apple Strawberry Salsa created by Emily Palmer. Thanks to all of our cooks and judges.



Did you know ... we didn't

At our recent Company picnic employees enthusiastically participated in a Factoid game where we all learned about our employee's endeavors. Space limitations preclude listing them all, but here are a few:

1. One of our employees has wrestled a giraffe to the ground using his bare hands and plays a mean banjo;
2. One employee can do a standing back flip;
3. Another employee is able to ride a unicycle and skip rope simultaneously;
4. One of our employees was part of a trio of singers who toured the United Kingdom and performed with the famous Vancouver Orchestra;
5. In the grand accomplishment category, one employee was a registered engineer before graduation;
6. Another won an outstanding student award in Environmental Chemistry; and
7. One has even trekked to the summit of Mt. Kilimanjaro;

If you would like to know who, see the answers below:

1. John Wright; 2. Josh Callander; 3. Johanna Zona; 4. Charles Fahy; 5. Larry Souleret; 6. Veronica Ninness; 7. Steven Farabaugh.



2014 Employee Picnic

Upcoming Events

SEPT 18

13th Annual Ohio River Watershed Celebration
North Park, Allegheny County
9:00 AM to 10:00 AM Registration

Celebrate the Ohio River Watershed at this event that will focus on "Connected through our Streams: The Pine Creek Experience". Visit LSSE's display at the Rose Barn.

SEPT 25-28

Allegheny County & Western PA Association of Township Commissioners 42nd Annual Joint Fall Conference

Visit our booth at Seven Springs Mountain Resort.

OCT 15-16

16th Annual 3 Rivers Wet Weather Conference
Monroeville Convention Center

Visit LSSE at Booth No. 2 during the conference. More information about the event can be found at <http://www.3riverswetweather.org/events/annual-sewer-conference>.

NOV 13

Local Government Academy Joint Fall Conference

MS4 / Act 167 / Flood Insurance program updates will be presented on November 13 by Kevin Brett and John Heyl.

New Projects:

- LSSE recently provided The Scott Conservancy with engineering work to improve the trails in the Kane Woods Nature Area. LSSE helped identify areas that needed improvements and conceptual details for improvements to steep trails or ones that had drainage issues.
- LSSE is proceeding with: design on a multi-million dollar water plant improvements project for Center Township Water Authority; pipeline replacement for Municipal Water Authority of Aliquippa; and sanitary sewer repairs for Pleasant Hills Borough.
- South Shore Riverfront Park photograph below shows recently completed site. LSSE completed civil design and permitting as a subconsultant to EPD, LLC.



Welcome to our New Employees

- LSSE recently welcomed several new employees:
Alexandra Bachman, William Bajek, Josh Callander, David Chavara, Kyle Harnish, Gina Martin, Jason McManigle, William Osthoff, Jason Presutti, Michelle Ramsey, Matt Sopher, AJ Valuska, John Wright and Johnna Zona.

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LSSE News is published for the benefit of our clients, associates and friends. Further information can be obtained by contacting
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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.

Congratulations



Congratulations to Dan Gilligan and the LSSE sponsored crew of A'ile Miur for placing 4th in Class at the 30th Annual Erie Yacht Club Charity Event on August 24, 2014. The Event benefited (\$42k) the Erie Chapter of the American Red Cross.



Caitlin Sophia Jageman

was born on June 16, 2014 to Dan Jageman and his wife Angie.



LSSE's employees and their families recently attended a Washington Wild Things baseball game during Fan Appreciation Night.

Visit www.lsse.com



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