A Look at the St. Louis Area MS4 Permit Strategy and Stormwater Management Plan

This presentation will highlight some of the key Best Management Practices that are in the Stormwater Management Plan and how they are evaluated for effectiveness. Finally, a look at the MDNR audit process and steps co-permittees can take to prepare for it will also be presented.

About the Presenter: Jason Peterein, P.E. is a Program Manager with the Metropolitan St. Louis Sewer District. Jason manages the District’s Environmental Compliance group that is responsible for the MS4 program administration, MSD’s environmental regulatory compliance obligations, and emergency response/discharge investigation & reporting. MSD, St. Louis County, and 59 other regulated municipalities within MSD's service boundaries have agreed to coordinate permit compliance activities as co-permittees, with MSD being the coordinating authority. This strategy encourages cooperation among municipalities, allows for a watershed-based approach to reducing pollution, and the sharing of financial responsibilities. Through a collaborative effort, a steering committee consisting of MSD, co-permittees, and interested stakeholders developed a Stormwater Management Plan.

Tuesday, November 12, 2019
11:30 AM to 1:00 PM

At: The Engineering Center of St. Louis
4359 Lindell Blvd. – St. Louis Missouri, MO 63108

One (1) PDH is available.
$20/person, students and members in transition $5 (checks payable to ASCE)

Register online before 5:00pm, Thursday, November 7, 2018. Please note that you must register online:
https://events.r20.constantcontact.com/register/eventReg?
oeidk=a07eglr9sor31d64f36&oseq=&c=&ch=
The National Society of Professional Engineers (NSPE) was founded by D.B. Steinman in 1934. Mr. Steinman was an accomplished bridge Engineer, founder of NSPE, and a published poet. Of the founding of NSPE Mr. Steinman wrote, “It is a nationwide organization devoted to the common interests and aspirations of all Engineers. It unites Engineers in all sections of the Country, and of all branches of the Profession, in a unity of strength, purpose and accomplishment.” You can see that Mr. Steinman’s aspirations reflected his personality as they transcend specific technical concerns and address a holistic combination of professional accomplishment. It seems fitting that such a broadly talented Engineer founded NSPE.

I was reminded of NSPE’s founding recently. First, when I attended the Missouri Society Professional Engineers (MSPE) President’s Workshop in Jefferson City on September 13th. Secondly, at the Chapter level where we held a Section Workshop on September, 19th, at the Engineering Center of St. Louis. These Workshops provided not only ideas for interesting programs but discussed many of the overreaching issues facing Professional Engineers and MSPE’s responses to them. I believe Mr. Steinman would be satisfied to know the organization he founded continues to support well rounded Engineers of all stripes.

So I encourage you to join us at our upcoming MSPE events and to take advantage of the publications and training MSPE offers. I also invite you to attend our upcoming joint lunch with ASCE on November 12th! If you have questions about MSPE please call or email me, 324-768-2772 or mtbuec@stlmsd.com.

Essayons! (Motto of the U.S. Army Corp of Engineers, Let Us Try!)
Michael T. Buechter, PE, D.WRE, F.EWRI, 314-768-2772 or mtbuec@stlmsd.com.

THE SONG OF THE BRIDGE
D.B. Steinman

With hammer-clang on steel and rock
I sing the song of men who build.
With strength defying storm and shock
I sing a hymn of dreams fulfilled.

I lift my span above the tide
And stand where wind and wave caress.
I bear the load so men may ride
On rainbow road to happiness.

The light gleams on my strands and bars
In glory when the sun goes down.
I lift a net to hold the stars
And wear the sunset as my crown.

Steinman on the Mackinac Bridge
# Missouri Society of Professional Engineers - St. Louis Chapter

## 2019-2020 Calendar

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- **Kickoff Meeting**: Chapter/Foundation Board Meeting
- **Chapter/Foundation Board Meeting**: Chapter/Foundation Board Meeting
- **Newsletter Deadline for Article Submittals, President's Message, Program Information, Etc.**: Newsletter Deadline for Article Submittals, President's Message, Program Information, Etc.
- **Tentative Program Dates**: Tentative Program Dates
- **2020 Eweek**: 2020 Eweek
- **Missouri Engineer Article Deadline Dates**: Missouri Engineer Article Deadline Dates

### Potential Programs, potential 3rd Thursday of the month:

- **September**: 19th - Morning - MSPE Workshop (Buechter)
- **October**: Bye
- **November**: Joint Meeting with ASCE, JTP from MSD on MS4 (Buechter)
- **December**: Evening Happy Hour (Hollman)
- **January**: MWEA (Losli)?
- **January**: MSPE sponsors MSD CIRP outreach (Buechter)
- **February**: 21st - Awards Dinner (Green)
- **March**:
- **April**:
- **May**:
- **June**: Greg Kuntz Poplar Street Bridge Relocation, Officer Installation (Buechter)
MSPE’s 16th Annual Fall PDH Days are here!

15 PDH's in 2days
Satisfies 1-year's PDH requirements
Affordable - $30 or less per PDH

Capitol Plaza Hotel, Jefferson City, MO

1-day and 2-day registrations available
Registration includes lunch & breaks each day
Lodging $96 plus tax, cutoff date for group rate is September 30, 2019

Make your reservations by calling 573-635-1234 or 1-800-338-8088 and mention that you are with MSPE Fall PDH Days.

Check-in: Tuesday 7:30am, Wednesday 7:30am
Programs: Tuesday 8am-5pm, Wednesday 8am-4pm

See https://mspe.org/event-3302808 for more information
Are you looking to advertise your business in the St. Louis area to a focused group of Engineers?

Look no further than the MSPE—St. Louis Engineer Newsletter!

Your company or message will be directly connected to hundreds of Engineers in the Greater St. Louis Area in various companies and industries.

If you are interested, contact Adam Zuroweste at azuroweste@burnsmcd.com
CALL FOR NOMINATIONS - SOUGHT FOR AWARDS

Please consider nominating a fellow member, colleague, customer or company for one or more of the St. Louis Chapter’s Awards this year. The awards will be presented at the annual Engineers Week Awards Banquet. Deadline for submitting nominees and applications is the December 14th, 2019. Nominations should include resume, biographical sketch or completed application form.

A full list of past award winners, award descriptions and specific qualifications is available on the website http://mspe.org/content.php?page=St._Louis_Chapter under “St. Louis Chapter History”.

Questions or nominations should be directed to Awards Committee Chair, Bently Green, at greenb2@bv.com

**Engineer of the Year**
- PE in Missouri
- Membership in MSPE/NSPE *is not* required

**Young Engineer of the Year**
- Age 34 or younger as of January 1, 2019
- Membership in MSPE and NSPE *is* required

**Outstanding PE In Government**
- PE in Missouri
- Membership in MSPE/NSPE *is not* required

**Outstanding PE Private Practice**
- PE in Missouri
- Membership in MSPE/NSPE *is not* required

**Outstanding PE in Construction**
- PE in Missouri
- Membership in MSPE/NSPE *is not* required

**Outstanding PE in Industry**
- PE in Missouri
- Membership in MSPE/NSPE *is not* required

**Outstanding Professional Engineer in Education**
- PE in Missouri
- Membership in MSPE/NSPE *is not* required

**Qualifications-Based Selection (QBS)**
- Company award

**Private Practice Professional Development (PPPD)**
- Company award
Local elevator contractor looking for a professional engineer in good standing with St Louis County Public Works for issuing of PE-sealed drawings for plan reviews. Interested parties, please contact Leida Pickett at 314-372-4561.
Deadline for Registration:
January 23th, 2020

How to Enroll – 4 Ways to Register:

1. **Online** – To register online, go to
   [www.stchas.edu/learnfortlife](http://www.stchas.edu/learnfortlife)

2. **By Mail** – Complete the registration form, attach your check or money order, and mail to:
   SCC, Division of C&CD
   4601 Mid Rivers Mall Dr., HUM 103
   Cottleville, MO 63376-2865

3. **In Person** – Walk into 103 HUM with completed registration form and payment.
   Registration hours:
   - 8 a.m. – 5:30 p.m. Mon-Thurs.
   - 8:30 a.m. – 4:00 p.m. Fridays
   - After-hours drop box in HUM hallway

4. **By Phone** – Call 636-922-8233 during the hours listed above. Telephone registration: VISA, Discover, and MasterCard only accepted as payment.

Name: ______________________________________
Address: ____________________________________
City, State, Zip: _______________________________
E-mail: ______________________________________
Date of birth: _________________________________
Home Phone: _________________________________
Work/Cell Phone: _____________________________

Registration Fee:
$550 for MSPE & SAME members
$600 for ASCE, ASME, ASHRAE & IEEE members
$650 for non-members

Circle one if applicable:
- MSPE / SAME / ASCE / ASME / ASHRAE / IEEE Member

Member Number: ________________________________

☐ Civil Engineering Refresher
☐ Mechanical Engineering Refresher
☐ Electrical Engineering Refresher
Professional Engineer Refresher Course

These review courses are geared toward helping participants pass the Professional Engineer (P.E.) license exam. Spring classes will be held in the fields of:
Civil - Water Resources, Geotechnical; Transportation, Construction, Structural; Mechanical - Mechanical Systems/Materials, Hydraulics & Fluids, Energy & Power Systems, HVAC/Refrigeration; and Electrical - Power

Course fee includes a three-ring binder, lecture notes, certificate of completion, and CEU’s.

It is recommended that participants purchase their discipline’s desk reference manual prior to the first class. Desk reference manuals can be obtained by going to the following website:
http://ppi2pass.com

2020 Spring Schedule

Classes are scheduled to meet on the following Saturday mornings from 8:00 a.m. – noon:

Jan. 25
Feb. 01
Feb. 08
Feb. 15
Feb. 22
Feb. 29
Mar. 07
Mar. 21 (for Civil and/or Make-up)

Report to Room 2 08 of the Humanities Building (HUM) on the campus of St. Charles Community College. Park in the Yellow Lot. Class dates and times are subject to change.

Registration Fee

MSPE & SAME Members ....................$550
ASCE, ASME, ASHRAE, & IEEE......$600
Non -Members ..................................$650

Proceeds of the course go toward the MSPE Scholarship Fund.

DEADLINE:
January 23, 2020

Register by mail, online, or phone
(See back of this panel for details.)

Course content inquiries should be directed to

Lisa Cheng, P.E.
(314) 425-8355 or lisa.cheng@hdrinr.com

HOW TO LOCATE THE COLLEGE & CAMPUS BUILDINGS

1. College Center
2. Campus Services
3. Child Development Center
4. Fine Arts Building
5. Humanities Building
6. Technology Building
7. Learning Resource Center – Library
8. Student Center
9. Administration Building
10. Social Sciences Building

St. Charles Community College
www.stchas.edu