



Serving our membership since 1975

<http://eastern-michigan.aspe.org>

Vol. 20, Issue 10

SUMMER NEWSLETTER

DATE:

The next meeting will take place on Tuesday, September 12, 2017

Details will be in the upcoming September Newsletter

SAVE
THE
DATE

01.27.2018

ASSE
AWARDS
BANQUET

From **Brianne N. Hall, P.E., CPD, LEED AP BD+C, GGP, President of ASPE EMC**



Hello!

Summer has arrived and our Eastern Michigan ASPE Board has already begun planning the technical program for next year. We met on Saturday June 24th to develop our list of topics and appreciate the input provided by our members thru email suggestions, feedback on our program evaluations throughout the year and for the members who joined us at the planning meeting.

Our 2016-2017 year ended with our chapter holding the ASPE Region 2 President's Meeting which was very successful. Attendance included board members from each of the chapters within Region 2, as well as Keith Bush, Region 2 Director and Carol Johnson, ASPE National VP Legislative.

Our event was held at the Detroit Marriott Renaissance Center. On Friday June 2nd, Dann Holmes and I went with the guests who arrived in town early to the Detroit Grand Prix for Free Prix Day. On Friday evening, all of our guests, platinum and gold sponsors and several Eastern Michigan ASPE Board Members spent the evening on the Detroit Princess Riverboat. It was a beautiful evening for a dinner cruise.

We held our business meeting on Saturday June 3rd. This provided the opportunity for each chapter to discuss their year including technical programs, membership, AYP and WOA events as well as the opportunity to discuss any business presented by the ASPE National Board or that we would like Keith Bush as our Region 2 Director to discuss with the National Board.

Thank you, to all of our sponsors, and the Eastern Michigan Board members for helping to make the event a success! I have received positive feedback from many of the attendees about the Detroit snack themed gift bags, the social events and the meeting location.

As a reminder, the ASPE National Technical Symposium will be held in Montreal, Quebec on Oct. 19th-22nd. You will need a passport to travel to Canada and it is recommended you start the process to obtain your passport now as it can take 6-8 weeks. Registration for the Technical Symposium is now open and can be found here: <http://2017tech.aspe.org/>

I can be contacted at bnhall@fitch.com or (248) 324-4780, send me your comments and questions!

Contents

President's Report 1
 V.P. Education Report 3
 In The Know 4
 VP Technical Report 5
 Affiliate Liaison Report 6 - 7
 V.P. Legislative Report 9
 Attendees of May's Meeting 13
 Photo from May's/June's Meetings 14 - 17
 Line Card Sponsors 22 - 23

PLEASE SUPPORT OUR SPONSORS AND REACH OUT TO OUR NEW MEMBERS

RACHEL GENDICH

RECIPIENT OF THE ASPE ALFRED STEELE SCHOLARSHIP

Rachel Gendich, who attends Lawrence Technological University, is studying Architectural Engineering, and has a 3.0 GPA, received \$3,000.

CONGRATULATIONS RACHEL!

ASPE EMC WOMEN OF ASPE EVENT

Save the Date: The First WOA (Women of ASPE) event will be on July 27th at 5pm at Balfrey and Johnston's new training facility. All are welcome!

ASSE ANNUAL MEETING AND AWARDS BANQUET

Save the Date: This meeting will take place on January 27, 2018

ASPE TECHNICAL SYMPOSIUM

October 19-20, 2018

PLUMBING TRAINING CENTER ASSE BACKFLOW RE-CERTIFICATION

We'll be giving an ASSE Backflow Re-Certification class to any member who is eligible. If you're interested, please call the Training Center at (248) 585-1435 and get your name on the sign-up list for the next class training.



OASIS
Water Friendly Solutions

Go Clean and Green!

- Electronic Bottle Filler is sensor activated and provides touch free, sanitary bottle refills.
- Antimicrobial copper push pads reduce bacteria and help prevent the spread of infectious diseases.
- Vandal resistant, antimicrobial "Water Saver" bubbler is for safety and water conservation.

VersaCooler® II with Hands Free Bottle Filler

Freshield LEAD FREE NSF MD-Cu₂₊

www.oasiscoolers.com
800.950.3226

**NEW MEMBER(S)
~ WELCOME ~**

**BRIAN CHINERY, GPD
KARI ROSTECK**

VP Education Report

Mark Lamberson, CPD



Well, another year has passed and I feel we had a great 2016-2017 ASPE EMC season. Our chapter has just held two other key events, too; the Region 2 President's Meeting and the 2017-2018 planning meeting.

I attended one of the President's meeting events aboard the Detroit River Princess and was nothing short of impressed. We

had attendees from surrounding states and Canada to kibitz

with, not to mention a perfect night weather-wise and some great entertainment. The food was also delicious, and it is always nice to spend a little personal time with my fellow board members.

I have to send out a big "THANKS" to everyone that worked so hard to put it all together. At times like these, I feel lucky to have such great colleagues and am humbled by their dedication.

Our planning meeting took place on June 24th. The board got right down to business with the planning activities we have grown accustomed to. It is almost like clockwork. It was wonderful to have chapter members Rufina Golshteyn and Adrienne Bennett present at the meeting and offering their input on what is sure to be a very interesting season. My thanks to them for taking time out of their Saturday to help us with what sometimes seems to be a monumental task.

My original intent for this article was to raise awareness of a construction project that is now complete, but is really just beginning. With all of the happenings of late, though, it was important to me to appreciate those around me that made the 2016-2017 season a pleasure to be a part of, but, I do want to mention the project for those that may be interested.

Construction on the Facility for Rare Isotope Beams (FRIB) is winding down. FRIB is the world's largest particle accelerator and will begin operation in the early 2020s. "Largest" comes in many forms, but FRIB boasts the ability to accelerate a uranium particle to nearly three quarters the speed of light. By using a large particle, like uranium, non-naturally occurring isotopes can be produced in a higher quantity and range.

These isotopes are produced when the accelerated particles hit a target at the end of the line that they travel along. The particles divide into smaller particles, and by using large magnets, they can be sorted by size and directed to the side walls of the beam line where they disintegrate, or to collection areas for experimentation.

The lab is operated by a team of specialists that run and monitor the equipment while the varying groups of scientists collect the data produced. The facility is an open lab and already has thousands of groups from around the globe signing up to test their theories in science.

Our local high school toured the older cyclotron facility and saw the unbelievable equipment it takes to set up and run these experiments. Similar equipment is now being placed into FRIB to accelerate and control the particles from which the isotopes will be produced. Results of these experiments could include new cancer treatments, technological advances, and materials we do not even know exist presently.

Both of these facilities are housed on the campus of Michigan State University. I highly recommend the NSCL tour, and hopefully a FRIB tour in the near future. There are a lot of fascinating details that are too numerous to list in this article that are covered on the tour.

Please feel free to contact me for more information or search the internet for "FRIB" or "NSCL."

ATTENTION ASPE YOUNG PROFESSIONALS!

Your peers have been busy organizing the ASPE Young Professionals (AYP) special-interest group, and we want you to get involved. Send an email to prosenberg@aspe.org if you want to be kept up-to-date on exciting special offerings just for young engineers, including:

- Educational offerings for young engineers and designers
- Partnering with other associations
- Forming a liaison to the national board of directors
- Ways to engage local members on the chapter level
- Developing new marketing materials
- Social functions for young engineers only



IN THE KNOW

WOA (WOMEN OF ASPE) EVENT

The first WOA (Women of ASPE) event will be on July 27th at 5pm at **Balfrey and Johnston's** new training facility. All are welcome!

RACHEL GENDICH - THE RECIPIENT OF THE ASPE ALFRED STEELE SCHOLARSHIP

Rachel Gendich, who attends Lawrence Technological University, is studying Architectural Engineering, and has a 3.0 GPA, received \$3,000. CONGRATULATIONS RACHEL!



Viega System Solutions

Multiple materials, many solutions
One provider



For more information, contact:

Carl Petitt, Jr.
Technical Manager - Great Lakes
carl.petitt@viega.us
(614) 852-2691

Michael Norgan
District Sales Manager
michael.norgan@viega.us
(989) 415-2431



www.viega.us

VP Technical Report

Theresa Allen, PE, CPD, LEED AP BD+C, GPD



Hello from your VP Tech!

I hope you all enjoyed the 2016-2017 ASPE EMC Program Year!

But first, let's extend a big THANK YOU to our tabletop and event sponsors last month:

May Meeting Sponsors: **Sales Service Plus, Burke Agency and Reliance Detection Technologies!**

So many great sponsors, we are truly lucky to have great Affiliates that show our Chapter so much support!

May's meeting was all about venting. We started the evening with Mike and Paul teaching us about combination waste and vent systems. This type of system is especially important here in Michigan where we follow the IPC and have many places where we have a lot of floor drains in the middle of nowhere and can't offset the vent horizontally underground/underslab. Takeaways from this session included:

- The distance between the trap weir and the upper dip is a 2" minimum and a 4" maximum.
- When you have island sinks, you can vent by one of three ways: island venting, air admittance valves and combination waste and vent.
- Waste stack vents are an easy way to vent, however no offsets in the stack are allowed.
- Island fixture venting is allowed to be used on kitchen sinks with both food waste grinders and dishwashers.
- Combination waste and vent systems can only receive clear water wastes since the system causes low flow velocities and eliminates the ability of the branch to self scour.
- The slope of the combination waste and vent system has a maximum and a minimum. The maximum help eliminate the waste from running so fast that any solids might be left behind.
- The maximum vertical drop into the system is 8ft. This is approximately 1/3rd of the distance needed in a vertical pipe to achieve terminal velocity and thus will avoid hydraulic jump where the pipe transitions from vertical to horizontal.

Julius Ballanco was our esteemed guest speaker for the Technical Session and he talked about single stack vent method (the "Philadelphia stack-drainage method") and Sovent systems. Julius was also kind enough to stick around after the program to talk to some of us about the new storm system sizing methods since he was the one who proposed the changes to the IPC. Julius had some good knowledge and also shared an excel GPM calculation with us afterward. Your EMC board is working with all the info Julius gave us, as well as the currently released flow rate information provided by a few manufacturers, to produce an excellent program on the new

storm code and we will strive to have this presentation and an easy calculator ready for early in the 2017-2018 program year. Stay tuned! In the meantime, if you have any storm questions please feel free to email me and I will do everything I can to help.

We also had our first ASPE Young Professionals event on May 11th. **Kerr Pumps** was generous enough to host a fantastic happy hour at Bagger Dave's in Berkley. We had over 15 people in attendance and it was a great way to celebrate the end of the ASPE program year season as well as get to know people outside of work and ASPE. Stay tuned for more AYP events in the coming year!



And last, but not least – please SAVE THE DATE for the first WOA (Women of ASPE) event we will be hosting on July 27th at 5pm at **Balfrey and Johnston's** new training facility. We will be doing "painting with a twist" so please come and enjoy some snacks, adult beverages and a casual painting lesson! Stay tuned for the Eventbrite link! **all are welcome, men and women, young and old, members and non-members!**

In closing, and most importantly: REMEMBER TO SUPPORT THOSE WHO SUPPORT THE CHAPTER!

Sincerely,

Theresa Allen, PE, CPD, and your VPT

Theresa.allen@ibigroup.com

Vpt.aspe.emc@gmail.com

Affiliate Liaison Report

Dann Holmes, ASPE Region 2



Summer is here! With that said, do I really need to write more? Actually, I must because there is so much to share with our ASPE Region 2 engineering community.

Region 2 President's Meeting

This year's Region 2 President's meeting was hosted by the Eastern Michigan Chapter in Detroit in early June. The meeting was a success. Some arrived early and attended the Detroit Grand Prix (Indy Car) time trials and assorted races. The event was held on Belle Isle in the middle of the Detroit River. Friday happened to be free preview day including bus transportation. We all had a blast. Some enjoyed themselves enough to recommend all future president's meetings be held in Detroit. This of course would violate our chapter rotation hosting policies but it was a welcomed comment to hear.



The evening was spent on the Princess Riverboat as we floated up and back down the Detroit River. We couldn't have asked for better weather and seeing Detroit lite up brightly to the north and Windsor, ON Canada to the south. Yes, you read that correctly. This is the only spot in the continental US where Canada is south of the United States.



Surely we must thank our sponsors for their time and financial support. The Burke Agency, Balfrey-Johnston Inc., Moen, Kerr Pump & Supply, Limbach, and NSF. Without them, an annual meeting of this caliber would not have been possible.

Our Region 2 Director, Keith Bush, CPD, CSI conducted a very productive meeting. We are thankful that Carol Johnson, VP Legislative could join us too.



We have a long list of action items to work through. Expect to read more on those in future articles.



Keith also presented the Cleveland, SW Ohio, and E MI Chapters with Directors Awards.





PME Magazine Reps of the Year

I would like to take a moment to congratulate BWA South in Hilliard, OH for being selected as the 2017 Rep Agency of the Year by PME Magazine. This is a great recognition by one of our own ASPE Region 2 supporters.

Roof Drain Testing

Other big news for our industry is how do you size roof drains to the latest requirements of the IPC when there is little, to no reliable data available? For this reason, NSF International has built a cutting-edge roof drain test rig. The test rig is now running continuously collecting the exact data you will need to perform your calculations. To my knowledge, this is the only active 3rd-party test rig in the country. Going forward, be sure to ask the roof drain manufacturers calling on you for their latest data and how and where they collected it.

The E MI Chapter will hold their September 12, 2017 meeting will be hosted by NSF and part of that meeting will be an extensive tour of our laboratories including the new roof drain test rig. You might consider putting this date on your calendar and join us.

Lead Free Schools

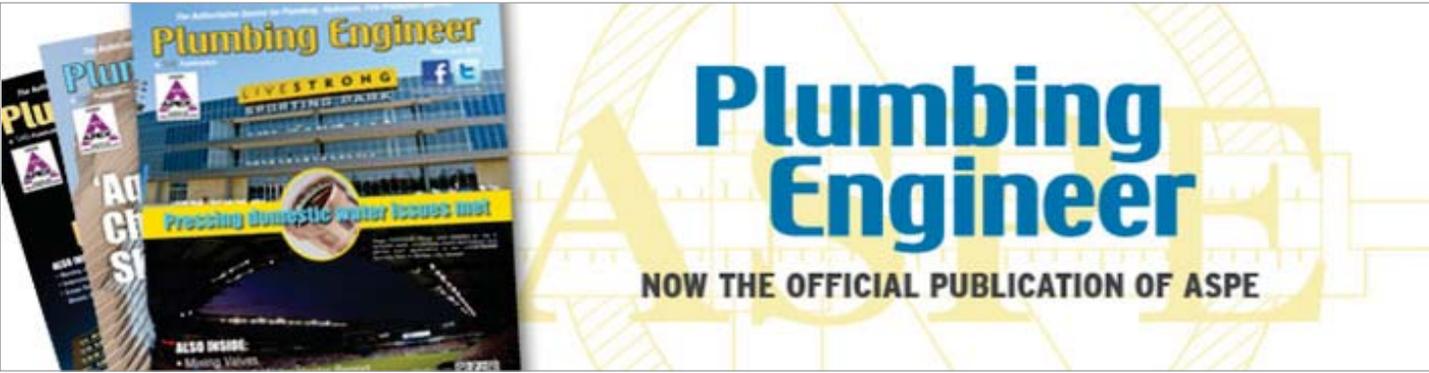
One last think to squeeze in, are you working on any school renovation projects this summer? If so, you might be required to take extra steps to eliminate any lead in the potable water system. To help you and school officials navigate through this sensitive topic, NSF has created a new website. Please visit www.leadfreeschools.org for additional information.

All photos taken by Dann Holmes.

Best regards,

Let me know what you think:

Dann Holmes – ASPE Region 2 Affiliate Liaison
 NSF International – Building Water Health
 Business Development Manager
r2al@aspe.org or (734) 214-6222





**WE KNOW
PLUMBING.**



And we have the extensive product line to prove it.

When you're specifying for the next big job, you're also putting your name on the line. That's why T&S offers a vast selection of high-quality products that meet required codes and compliances — no matter the application. And with a companywide commitment to staying at the forefront of today's evolving industry, it's no wonder engineers everywhere rely on T&S when it matters most.



For in-depth product information, crossover assistance and other helpful resources, visit tsbrass.com.

T&S plumbing products represented in Eastern Michigan by: Diversified Spec Sales - 248-398-2400

KIMAX® Glass Drain and Vent Systems



- Low volatile organic compounds (VOCs)
- Will not burn or emit toxic fumes
- Maximum corrosion resistance
- Flexibility, adaptability, modularity
- Safe and simple installation
- Lowest life-cycle costs

Tro Sales Company
 3406 West 12 Mile Road
 Berkley, MI 48072
 (248) 546-5354

SCHOTT North America, Inc
info.drainline@us.schott.com
www.us.schott.com/drainline



VP Legislative Report

William Grayzar, CPD



I hope your summer is off to great start and you have enjoyed or are planning on enjoying a much needed vacation or even a barbecue or two.

I would like to take a few moments away from your summer activities to inform you that on Friday, June 16th, 2017 the Code Study Development Group of Southeastern Michigan (CSDGSEM) hosted a five (5) hour accredited code update seminar to review the changes and updates between the 2012 and the 2015 Versions of the Michigan State Plumbing Code (MPC) and the Michigan State Residential Code (MRC). The course was intended to provide Journeyman and Master Plumbers with the required five (5) hours of training required to renew their licenses and also inform inspectors, plumbing designers and engineers with the latest code information. The 2015 MPC went into effect on April, 20th, 2017 and is currently being enforced by the state.

The instructor for the course was Mr. Joseph T. Madziar the Chief of the Plumbing Division for the Bureau of Construction Codes for the State of Michigan. The Plumbing Division of the Bureau is responsible for the administration and enforcement of the Michigan Plumbing Code and the plumbing provisions of the Michigan Residential Code by conducting inspections of plumbing equipment and installations. The division also follows up on violations of the Michigan Plumbing Code and assures proper plumbing permits have been issued.

The course began with a brief discussion on some of the general code revisions, which included a discussion on the adoption of Act 407 of 2016 the "Skilled Trades Regulation Act". Basically, with the adoption of Act 407 of 2016 the state has been given the authority to pursue prosecution against unlicensed plumbers who perform work required to be provided by a licensed professional. It was also noted that the state continues to follow ACT 230 of 1972 the "Stille-DeRossett-Hale single state construction code act".

This was followed by review of modified and added code definitions found in Chapter 2 of the code. Some of the additions included rainwater, which is defined as water from natural precipitation, and storm water which is defined as natural precipitation, including snow-melt, which has occurred at or below grade.

Some additional modifications and updates included during the course included:

In Chapter 3 "General Regulations" one of the items noted was that even though section 312.3 "Drainage and Vent Air Test" states that, plastic piping shall not be tested using air, in the code errata there is an exception which does allow for air testing of drainage and vent low pressure plastic piping systems.

In Chapter 6 "Water Supply and Distribution" section 607.3 "Thermal expansion control" now specifically requires an expansion tank to be used as the means for controlling expansion in hot water supply systems.

In Chapter 10 "Traps, Interceptors and Separators" section 1002.4 has been modified and amended to include trap seal primers supplied from for reclaimed water, gray water or waste water systems and trap seal protection devices.

Of course there was a lot of discussion when it came to chapter 11 "Storm Drainage", due to the requirements to now size systems based of GPM flow rate, in lieu of square footage of area. There was so much discussion, in fact, that the Eastern Michigan Chapter of ASPE decided to provide a significant amount of training on a variety of topic regarding storm water from as part of their 2017-2018 program calendar. These topics will include not only sizing and design, but also installation requirements and testing. Our first meeting in September of 2017 is proposed to cover storm water design and sizing and to include a tour of the testing rig at the NSF facility, built specifically to test roof drains. The EMC-ASPE 2017-2018 program calendar should be released sometime in early August.

Getting back to the code review course a few items to keep on your radar are, the release of the 2018 MPC books, expected sometime in September of 2017. A projected effective date for the 2018 Code was not provided. Also, the proposed changes for the 2021 plumbing codes are due by January 2018. If you have any suggestions the Code Study Development Group of Southeastern Michigan would appreciate hearing from you. They are willing to take reviews under advisement and work with you or for you in getting proposed changes into the applicable code review boards.

This is just a brief review of some of the items covered during the five (5) hour course. I hope you found this information useful.

I wish everyone a great summer and I look forward to seeing all of you in the fall when our chapter meetings resume.

Bill

ASPE

2017 Tech Symposium

Product Show

Hotel Bonaventure Montreal **October 19-20**

Follow this link for the schedule: <http://2017tech.aspe.org/schedule.html>



Sponsored by

see what Delta can do

Women of ASPE

Dedicated to **engaging, retaining,**
and **advancing** women in the plumbing
design industry through:

- Mentoring programs
- Membership outreach
- Partnerships with industry-related associations
- Educational and leadership offerings

To join WOA, email skidd@aspe.org
For more information, visit aspe.org/woa


American Society of
Plumbing Engineers



KERR PUMP AND SUPPLY

Web Site: www.kerrpump.com
E-Mail: chad@kerrpump.com

12880 Cloverdale, Oak Park, MI 48237
Ph.: (248) 543-3880 Fax: (248) 543-3236

Liquid Pumps
Vacuum Pumps
Heat Exchangers
Blowers
Related Equipment
and Accessories

Sales • Service • Repair



AURORA FIRE PUMPS

Compact Fire Pump Systems

- UL Listed/FM Approved Aurora Fire Pump
- UL Listed/ FM Approved Fire Pump Controller
- Capacities of 50-750 Gpm.
- Pressures of 40-160 Psi.
- Aurora Model PVM (close coupled to an ODP motor.)

Vertical Split Case Electric Drive Fire Pump

- Electric Driven
- For Commercial, Industrial and Marine use only.
- UL Listed/ FM Approved/NFPA-20 Design

Horizontal Split Case Diesel Drive Fire Pump

- Diesel and Electric driven available.
- Flows at 250 gpm to 5000 gpm.
- Pressures available up to 490 Psi.

PLEASE INQUIRE TO KERR PUMP FOR PRICING,
SELECTIONS, OR TESTING ON EXISTING.

ALSO, PLEASE SEE www.aurorapump.com



Michigan's Oldest Supplier of Pumps and Process Equipment - 1905

PERFORMANCE
engineering group



32995 Industrial Road, Livonia, MI 48150
Phone 734.266.5300 Fax 734.266.5310
www.performanceengineering.com



High Efficiency Water Heaters
High Efficiency Heating Boilers
Custom System Solutions
Storage Tanks

Heating Boilers
Hot Water Supply
Pool/Spa Heaters
Storage Tanks
Complete Parts Stock



Snowmelt Systems
Radiant Floorheat Systems



Residential Water Heaters
Commercial Water Heaters
Storage Tanks
Complete Parts Stock

Natural Gas / Propane / Electric / Oil
3,000 to 4,000,000 BTU's
- ALSO -

Aldrich Boilers / Holby Valves / Valley Water Softeners

ASPE Mentoring Program

The Women of ASPE are excited to introduce ASPE's new Mentoring Program!

This program, which is available to all members of the Society, has been designed to connect ASPE members who have a particular skill set (mentor) with individuals (mentee) who are searching to acquire the same skills to develop and make progress toward their personal and professional goals.

Who Is a Mentor?

A mentor is someone who can help the mentee develop skills for success and long-range career planning, is able to be a good listener, is willing to share experiences and views, is willing to commit time and effort, provides an "open door" to questions and problems, points out both strengths and opportunities for improvement, and has a vested interest in the growth and development of their mentee.

Benefits to the mentor:

- Satisfaction in helping someone mature, progress, and achieve goals
- Meeting and sharing experiences with other mentors
- Personal ongoing support to help the mentee succeed
- Personal fulfillment through contribution to the Society and the individual

Who Is a Mentee?

Having a mentor can contribute to a successful and satisfying career. Without a mentor, that learning occurs mostly through trial and error. With a mentor, even experienced professionals can benefit from the experiences and expertise of someone who has withstood the trial and can help the mentee avoid the mistakes. Similarly, those new to the industry will discover that being a mentee shortens the learning curve for acquiring the skills and knowledge most critical to a fruitful career.

Benefits to the mentee:

- Discover new talents about yourself
- Career satisfaction
- Expand your personal network
- Maximize your strengths

aspe.org/aspe-mentoring-program



MAY MEETING STATS

THANK YOU TO OUR FOLLOWING SPONSORS!

Burke Agency
Reliance Detection Technologies
Sales Service Plus

A SPECIAL THANKS TO:

Kerr Pumps

ATTENDEES

Theresa Allen
Paul Baker
Amanda Belcher
Charles Beranek
Esteban Cabello
Alfred Culbreath
Robert Frey P.E.
Dan Gallagher
Ron George
Rufina Golshteyn
Bill Grayzar
Joel Hallendy
Pamela Hartsell CPD

Gorge Johnston II
Matthew Kapcia
Caleb Kline
Hank Koppelo CPD
Mark Lamberson CPD
Ed Laske
Houssein Madi
Anwar Maroki
Mike Melaragni
Zane McCormick
Phil McCrory
Sean McIntosh
Gary Minito

Caitlan Mistele
Danilo Nerida
David Orton
Barry Pines CPD
Brian Postlethwaite
Kari Rosteck
Robert Schellenberg
Kristin Simoneaux P.E.
Zaklina Stojanov
Karl Stoolmiller
Cindy Zatto
Tom Zimmerman

If you are interested in table top sponsorship,
please contact **Brianne Hall** at: bnhall@ftch.com or (248) 324-4780.

MAY'S MEETING



Dan from Lukich Catering received a thank you card and gift from the chapter for his excellent service.



Julius Ballanco gave a great presentation on single stack venting.



The 2017-2018 Chapter Officers were sworn in by Paul Baker.



VP-Tech Theresa Allen hosted the May Chapter Meeting.



We had great attendance for the last meeting of the 2016-2017 season!



Presenter Julius Ballanco received a certificate of appreciation.



Region 2 President's Meeting, taken on the Detroit Princess Riverboat, June 2-3

You need 80,000 ft of long-lasting pipe for domestic water, heating/cooling, and compressed air, and ideally it would contribute directly to LEED points.



we've got a pipe for that

Heat-fused Aquatherm polypropylene-random piping systems can be used for virtually any building application and come with a 10-year multimillion-dollar warranty. Throw in material, LEED V4 points and potential labor savings and you'll see why Aquatherm is your best choice.



aquatherm

state of the pipe

801.805.6657 aquatherm.com



Flow Control Solutions

Cindy Zatto

V.E. SALES COMPANY, INC.

For additional information on Apollo, Aquatherm, Highland Tank and MIRO products, please contact Cindy Zatto at 810.343.2713 or CindyZ@vesalesinc.com

The Most Advanced & Complete Grease Removal Systems Product Line Available Anywhere in the Industry!

GreaseStopper®



Highland's Grease Removal Systems are the best choice to pre-treat kitchen wastewater.



Highland Tank

Unmatched Quality and Service

www.highlandtank.com
Phone 814-443-6800
gru@highlandtank.com

Featuring

- GreaseStopper® Automatic Grease Interceptors (AGI)
- Flush-in-Floor AGI
- Manual Grease Interceptors
- Passive Grease Interceptors
- Solids Strainers

Passive Grease Interceptors With exclusive Switchback Baffle System



Custom Fabrication Available

Who can **YOU trust** in this lead free jungle?

We're **still one**...
the one...
with foundries, machining and assembly that **never** left the USA



Ball Valves | Mixing Valves | Strainers | Backflow Preventers
APOLLOXPRESS® | and more

"Apollo"
LEAD FREE

- Features & BENEFITS**
- Apollo Quality – EVERY Valve is 100% Tested Before Packaging
 - Apollo Lead Free Products are 100% ANSI 3rd Party Lead Free Certified
 - Reliable, Lead Free Metals Don't Cause Any Soldering Issues
 - Lead Free Inventories for Plumbing, Standard Metals Inventories for Non-Drinking Water
 - NEW! Easy to Identify White Handles and Large Lead Free Tags
 - Extensive Line of LEAD FREE Products for the Plumbing Market



learn more at apollovalves.com/lead_free
or call (704) 841.6000
follow us on [f](#) [t](#) [i](#) [in](#)

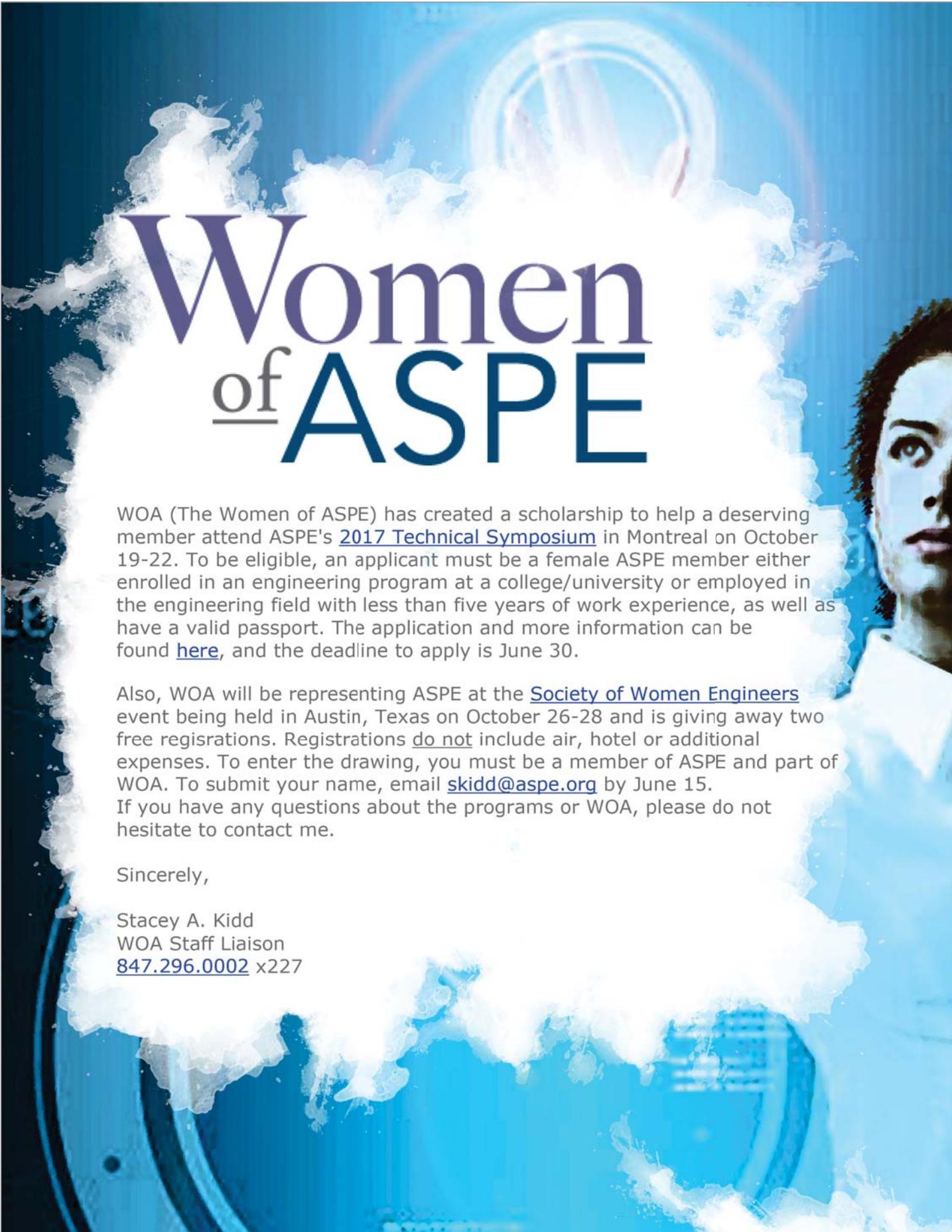


The Simple Solution For Rooftop Support



MIRO
INDUSTRIES, INC.
ROOFTOP SUPPORT PRODUCTS

20 Year Warranty | 2.0 PSI or Less
Pre-Assembled | Take-Off to Installation
Made in the U.S.A. | Recycled Material
www.miroind.com



Women of ASPE

WOA (The Women of ASPE) has created a scholarship to help a deserving member attend ASPE's [2017 Technical Symposium](#) in Montreal on October 19-22. To be eligible, an applicant must be a female ASPE member either enrolled in an engineering program at a college/university or employed in the engineering field with less than five years of work experience, as well as have a valid passport. The application and more information can be found [here](#), and the deadline to apply is June 30.

Also, WOA will be representing ASPE at the [Society of Women Engineers](#) event being held in Austin, Texas on October 26-28 and is giving away two free registrations. Registrations do not include air, hotel or additional expenses. To enter the drawing, you must be a member of ASPE and part of WOA. To submit your name, email skidd@aspe.org by June 15. If you have any questions about the programs or WOA, please do not hesitate to contact me.

Sincerely,

Stacey A. Kidd
WOA Staff Liaison
[847.296.0002](tel:847.296.0002) x227

6th Biennial

EWTS

Emerging Water Technology Symposium

Spring 2018, Southern California – Los Angeles Area

CALL FOR ABSTRACTS

New Name, Same Top-Notch Content!

Building on the success of the past five symposiums, we have re-named the popular IETS to focus on the all-important, common thread that runs through our industry...Water! Don't miss this unique opportunity to be part of EWTS as we continue to deliver top notch presentations on the latest issues and innovations.

Learn, Share, Collaborate

The need to be increasingly efficient with our precious water supplies is not optional. However, keeping our water systems safe and efficient requires a keen understanding of the emerging threats from both the unintended consequences of water efficiency and the growth of opportunistic pathogens. It also requires staying up to date on the new technologies for water distribution systems and premise plumbing and mechanical applications.

The EWTS provides an opportunity to meet well-known experts. Participants are able to discover ideas and approaches about emerging technologies coming to market; learn about innovative green plumbing and mechanical concepts; view presentations; and engaged in timely discussions on how the water utility, manufacturing, engineering and trade industries have found solutions through emerging technologies for the water efficiency, plumbing and mechanical industries.

The Emerging Water Technology Symposium Conveners are seeking presentations from experts on the following topical issues:

Water-Energy Nexus

Pipe Sizing, Hot Water Design, Smart Metering Technologies

Educational and Behavioral Issues

Waste Water / "Flushables," Showering and Bathing Safety Issues, Ramifications of Pricing

Water Efficiency in Buildings

Share New Studies and Emerging Technologies

Water Quality Issues

Solutions to the Unintended Consequences of Water Efficiency, Health Implications, Legionella Mitigation Strategies, Disinfection, Anti-Stagnation Strategies, Pharmaceuticals in Water

Alternate Water Sources

Share Your Expertise on Rainwater Catchment Systems, Gray Water Systems and the delivery of Reclaimed / Recycled Water

3-D Modeling for Plumbing and Mechanical Applications

Software Updates, BIM, 3D Designs for Sustainability

Other Topics Addressing Improved Levels of Sustainability and Safety in Water Distribution and Premise Plumbing

We Invite You to Join Us – Submit An Abstract Today!



presented in cooperation with:



INTRODUCING THE FREEZELESS **UNDERCOVER** WALL HYDRANT™



- Model 68 freezeless wall hydrant protected by an integral cover
- Drains automatically—even with hose attached
- Replaceable 16 gauge stainless steel cover flips down for easy access
- Tee key prevents unauthorized use
- Sleek, streamlined, low profile design



800.621.6032 • www.woodfordmfg.com

Represented by Burke Agency, Inc. • 248.669.2800

Woodford Model 68

BALFREY & JOHNSTON, INC.

Manufacturers' Representatives
 13050 Northend
 Oak Park, MI 48237
 George D. Johnston
 Ph 313 864-2800 Fax 313 864-7219
 george@balfrey-johnston.com
 www.balfrey-johnston.com

KERR PUMP AND SUPPLY

Manufacturers' Representatives
 12880 Cloverdale
 Oak Park, MI 48237
 Chad Kundering
 Ph 248 543-3880 Fax 248 543-3236
 Mobile 734 812-9490
 chad@kerrpump.com

BURKE AGENCY, INC.

Manufacturers' Representatives
 2605-A Oakley Park Road
 Walled Lake, MI 48390
 Brian Burke, Tom Zimmerman, John Taylor
 Ph 248 669-2800 Fax 248 669-3310
 bburke@burkeagency.com
 www.burkeagency.com

MAJOR/LOZUAWAY & ASSOCIATES, INC.

Manufacturers' Representatives
 1117 W. Grand Blanc Rd.
 Grand Blanc, MI 48439
 Mike Ostrowski
 Wayne Phillipotts
 Ph 810 234-1635 Fax 810 234-8389
 moski@lozuaway.com

DALE PRENTICE COMPANY

Manufacturers' Representatives &
 Application Engineering Solutions Provider
 26511 Harding Avenue
 Oak Park, MI 48237
 Michael Cullen Cell 248 302-5924
 Ph 800 536-4700 Fax 248 339-5559
 mcullen@prenticeco.com - www.prenticeco.com

MEEK / BECK & ASSOCIATES, INC.

Manufacturers' Representatives
 11875 Belden Court
 Livonia, MI 48150
 Ross Beck
 Ph 734 458-2950 Fax 734 458-2953
 info@meekbeck.com
 www.meekbeck.com

DAVE WATSON ASSOCIATES, INC.

Manufacturers' Representatives
 1325 W. Beecher St.
 Adrian, MI 49221
 Dave Watson, Jr.
 Ph 517 263-8988 Fax 517 263-2328
 dwa@davewatson.biz

PAULA A. BAKER

ASSE Region #4 Director - Mid West
 ASSE International
 18927 Hickory Creek Drive, Suite 220
 Mokena, IL 60448
 Ph 313 399-3072 Fax 248 585-1437
 paul.baker@ualocal98jatc.org
 www.asse-plumbing.org

**DIVERSIFIED SPEC. SALES, INC./
HOWLEY AGENCY SALES CO.**

Manufacturers' Representative
 13261 Northend Ave.
 Oak Park, MI 48237-3265
 Michael J. Burdette
 Ph 248 398-2400 Fax 248 547-4905
 www.diversifiedspec.com

PERFORMANCE ENGINEERING GROUP

Engineered Water Products
 32955 Industrial Rd.
 Livonia, MI 48150
 Alan Deal
 Ph 734 266-5300 Fax 734 266-5310
 www.performanceengineering.com

HS/BUY VAN ASSOCIATES, INC.

Manufacturers' Representatives
 56 S. Squirrel
 Auburn Hills, MI 48326
 Jarrett Armstrong
 Bill Allen
 Ph 888 472-8982 Fax 248 852-0298
 info@hsbuyvan.com
 www.hsbuyvan.com

PLUMB-TECH DESIGN & CONSULTING SERVICES

Plumbing-Piping-Fire Protection & HVAC System Design
 Code & Standard Consulting-Investigations of system failures
 3D CAD, BIM, Revit, Navisworks-Training Seminars-Tech. Reports
 303 N. Monroe St., Monroe, MI 48162
 Ron George, CPD, President - ron@plumb-techllc.com
 Ph 734 322-0225 Cell 734 755-1908
 www.Plumb-TechLLC.com

PROGRESSIVE MARKETING & SALES INC.

Manufacturers' Representatives
7450 Hessler Dr. Rockford MI 49341
Dave Andrus 616-916-4140 andrus.progressive@gmail.com
Matt Johnson 517-614-1448 mjohnson.progressive@gmail.com
Doug Shaffer 248-648-0187 shaffer.progressive@gmail.com
www.progressivemarketingandsales.com

TAGGART-KNIGHT GROUP

Manufacturers' Representatives
32985 Hamilton Court, Suite 102
Farmington Hills, MI 48334
Gary O. Taggart
Ph 248 553-4388 Fax 248 553-4653
info@taggartco.com
www.taggartknight.com

R.L. DEPPMANN COMPANY

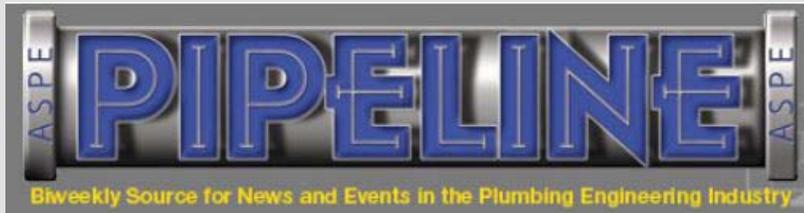
Manufacturers' Representatives
20929 Bridge Street
Southfield, MI 48033
Chris Lieder, Gerry Potapa Jr., CPD,
Mark Fine LEED AP®, Paul Prentice, LEED AP®
Ph 800 589-6120 Fax 248 354-3763
sales@deppmann.com - www.deppmann.com

QUALITY WATER & AIR, INC.

Manufacturers' Representative
1402 Souter
Troy, MI 48083
Georgann Kummer, WBE
Ph 248 589-8010 Fax 248 589-8016
qualitywaterair@cs.com
www.qualitywaterair.com

V. E. SALES COMPANY

V. E. Sales is your source for
the finest quality flow control solutions.
25200 Jefferson Ave.
St. Clair Shores, MI 48081
Thomas Van Egmond
Ph 586 774-7760 Fax 586 774-1490
www.vesalesinc.com



**AS AN ASPE MEMBER YOU
CAN RECEIVE THE PIPELINE
PUBLICATION - ACCESS
ARCHIVE EDITIONS AT
<http://aspe.org/Pipeline>**

EXPAND
YOUR COMPANY
PLACE YOUR AD HERE

ASPE NEWS

American Society of Plumbing Engineers-Eastern Michigan Chapter

Theresa Green, Newsletter Editor
MCA Detroit / tgreen@mcadetroit.org

Internet Address
<http://eastern-michigan.aspe.org>
Region 2 - Great Lakes
Eastern Michigan

Non-Profit Corporation
Local Chapters Not Authorized To Speak For
The Society

First Class Mail

2017-2018 ASPE EMC Board and Committee Chairpersons

President

Brianne Hall, P.E., CPD, LEED
AP BD+C, GGP
FTC&H
39500 Mac Kenzie Dr. Suite 100
Novi, MI 48377
(248) 324-4780
bnhall@ftch.com

Vice President Technical

Theresa Allen, P.E., CPD, LEED
AP BD+C, GPD
IBI Group
25200 Telegraph Rd., Suite 200
Southfield, MI 48033
(248) 936-8000
theresa.allen@ibigroup.com

Vice President Legislative

William Grayzar, CPD
28150 Greenfield Rd.
Southfield, MI 48076
(248) 569-1430 ext.333
bill@dsonline.com

Vice President Membership

Kristin Simoneaux, P.E., CPD,
LEEP AP
Stantec
2338 Coolidge Hwy. #100
Berkley, MI 48072
(248) 336-4700
kristin.simoneaux@stantec.com

VP Education

Mark Lamberson, CPD
81190 Church Street,
Memphis, MI 48041-5401
(810) 392-5010
vpe.aspe.emc@gmail.com

Treasurer

Hank Koppelo, CPD
Bill James Plumbing, Inc.
25519 John R Road
Madison Heights, MI 48071
(248) 548-1500
hkoppelo@billjamesinc.com

Administrative Secretary

Frank Tistle
Commercial and Industrial
Group- Culligan
248.496.7553 Cell
ftistle@yahoo.com

Corresponding Secretary

George D. Johnston
Balfrey & Johnston, Inc.
13050 Northend
Oak Park, MI 48237
(313) 864-2800 Fax:
864-7219
george@balfrey-johnston.com

Chaper Affiliate/Liaison

Dann Holmes
NSF International
789 N. Dixboro Rd
Ann Arbor, MI 48105
(734) 214-6222
r2al@aspe.org

Board Member

Cindy Zatto, FASSE
V. E. Sales Company, Inc.
25200 Jefferson Ave.
St. Clair Shores, MI 48081
(586) 774-7760 Fax: 774-1490
cindy@vesalesinc.com

Board Member

Michael Melaragni, CPD
Guardian Plumbing & Heating
34400 Glendale Avenue
Livonia, MI 48150
(734) 513-9550

Board Member

Amanda Belcher, LEED GA
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900 Fax 399-1901
amandab@sesnet.com

Board Member

Pam Hartsell, CPD
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900 x 222
Fax: 399-1901
p_hartsell@yahoo.com

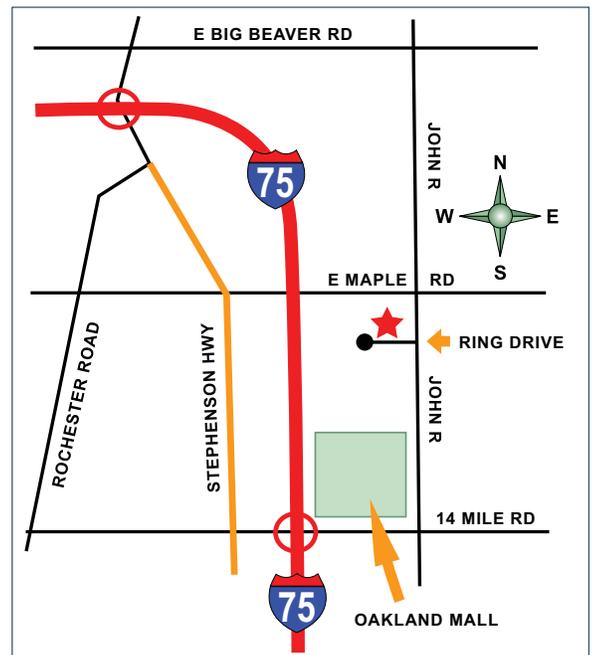
Chapter Historian

John Nussbaum, IPP, FASSE, FASPE

The September Meeting may be held at the NSF location. Map and details will be listed here in the September 2017 Newsletter.

Map to the Plumbing Industry Training Center 1911 Ring Drive - Troy, MI

West of and off John R, north of 14 Mile Rd.



ASPE EMC News is published 9 times per year (September through May, plus one summer issue if feasible). Yearly advertising rates are \$150.00 per ad for members and \$200.00 for non-members. One time digital full page insert advertisements are \$250.00 for one issue, quarter page (9 issues) \$250.00 - half page (9 issues) \$350.00 - three quarter page (9 issues) \$450.00 and full page (9 issues) \$550.00. Please call Theresa Green for any questions regarding pricing of ads. Checks should be made payable to ASPE E. Mich. Chapter and mailed to the attention of Hank Koppelo at 25519 Johns Rd., Madison Heights, MI 48071. All newsletter digital inserts should be emailed to ASPE EMC c/o Theresa Green. Circulation 400 - Distributed to: Engineers, Contractors, Inspectors, and other industry professionals in Michigan. For contributing articles contact Theresa Green, Newsletter Editor at: tgreen@mcadetroit.org.