



# Newsletter

## Western Michigan Chapter

### May 2021

## WESTERN MICHIGAN

**This months Meeting info:** [Lunch Meeting Information:](#) [Dinner Meeting Information:](#)

**ASPE Golf Outing**  
May 24th

[Location:](#)

[Location:](#)

No meeting this month

No meeting this month

**StoneWater Country Club**  
7177 Kalamazoo Ave. SE  
Caledonia, MI 49316

**Arrive : 11:00 AM**  
**Tee: 11:45 AM**

## Important Information!

**Last call for the golf outing!!!**

**There are still spots available.  
Contact Jonathan Burke to reserve  
your foursome or sponsor a hole.**

**Deadline is this Friday (5/7/21)**



## Chapter President—Tom Kingshott

It's golf season!!! Time to dust your clubs out and enjoy some time out of doors for the annual ASPE Western Michigan Golf outing!! What a great way of wrapping up a season of great technical meetings (mostly on line).

We are anticipating meeting in person for next year; our VP Technical is putting together a great slate of speakers and, in addition, we have an AYP event and a seminar in the works. As always, ideas for speakers are always welcome; please send to Chuck Shoudel at [chuck.shoudel@byce.com](mailto:chuck.shoudel@byce.com).

Many thanks for all the Board members and speakers during this challenging year!!

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## VP Membership — John Cassady

We are currently at 75 members in our chapter. For those of you that have a membership expiring by the end of June, you should have received an email from the national society already. I will send out personal reminders this coming week.

If you have a coworker that is interested in joining our chapter, please have them reach out to me for membership.

If you have any extenuating circumstances regarding your dues and COVID-19, please feel free to reach out to me privately. The national society has a waiver of dues that you can apply for to retain your membership during this time.



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**We are always looking for new members. Bring someone new to the meeting this month.**

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## 2020-2021 ASPE Western Michigan Meetings

September 10th  
Warren Hill  
Gasco  
Z21.80 Gas Line Pressure Standard  
and Codes

December 10th (Christmas Party)  
Robb Davis  
MIRO  
Roof Pipe and Duct Supports,  
Crossover Stairs, Service Platforms,  
Ramps

March 11th  
Charlie Watson  
Watts  
Water Hammer Arrestors

October 8th  
Jeff Hamilton  
Reliance Worldwide Corp  
Fire Stop Assemblies

January 14th  
Bruce Fathers  
Powers  
Mechanical and Digital Mixing Valves

April 8th  
Steve Machler  
Roof Penetration Housings, LLC  
Roof Penetrations

November 12th  
Michael Sokaris  
Centrotherm  
Venting high efficiency equipment  
with plastic

February 11th  
John Clark  
Woodford Manufacturing  
Roof and Wall Hydrants

May 24th  
ASPE Annual Golf Outing

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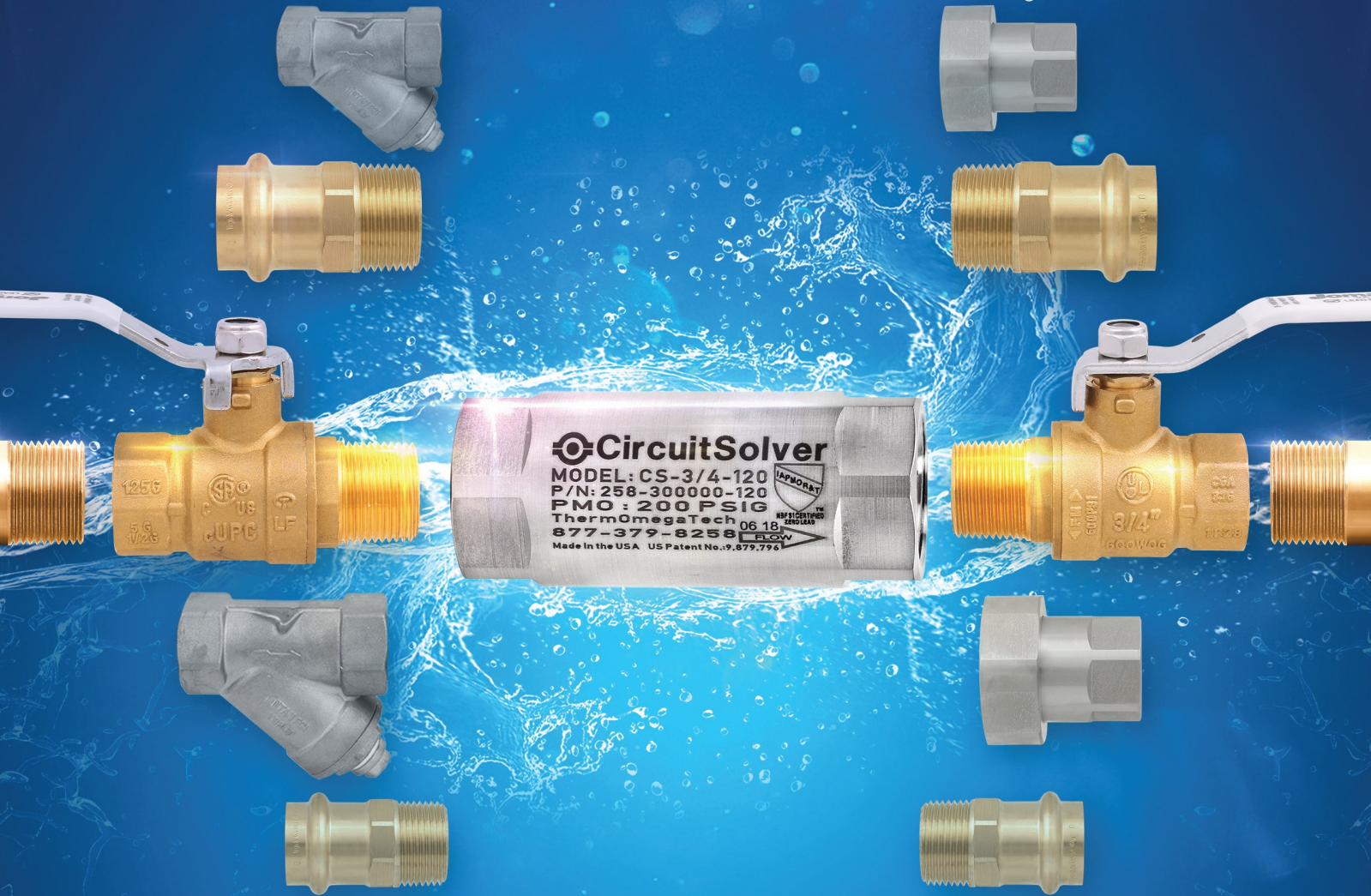
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## **AYP Liaison — Luciana Kayo**

Greetings everyone!

We invite all members to join our upcoming ASPE Young Professionals Virtual Event! This event is geared towards the AYP community, but everyone is welcome to join!

**When: May 20, 2021**

**Time: 12 – 1pm**

**Topic: Life/Work Balance**

**Host: Stephen Hamstra, P.E.**

Mr. Stephen Hamstra is a seasoned engineer that has been practicing for more than 40 years. Steve will share some of his thoughts and experiences about Life/Work Balance, a topic often brought up in performance reviews and other settings. How does that topic mesh with Professional Development? Can you be “successful” and still have a “life” that is enjoyable and fulfilling?

Join us for a conversation and share your thoughts. We hope to see you there!

### **About Stephen:**

Stephen Hamstra is a registered professional engineer, an AEE Fellow & Certified GeoExchange Designer/CGD, an ASHRAE High Performance Building Design Professional and he also serves as the Chair of ASHRAE’s Technical Committee TC 6.8 Geothermal Heat Pumps and Energy Recovery Applications.

Steve grew up in an HVAC-contractor family and obtained his mechanical engineering degree from Michigan State University and has been active in the application and engineering of earth-coupled HVAC and energy recovery systems for 40+ years, designing systems from 2 to 1,000+ tons in the USA and Globally. He has served as Director of Engineer for two AE firms, the largest having more than 200 professionals on staff.

Steve has been active in the development of new technology for the design and control of geothermal heat pump applications and is currently the lead engineer on a DOE-funded research project at Melink Solar & Geo that is focused on reducing the first cost of geothermal heat pump applications.

In addition to his work at Melink, Steve is a member of The GreyEdge Group, a collection of very experienced geothermal practitioners that also have a depth of experience in the



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## AYP Liaison — Luciana Kayo (cont.)

design and optimization of Thermal Districts. Steve still has his own consulting firm located in West Michigan and serves as an advisor to several companies.

For more information about the ASPE Young Professionals special-interest group, visit <https://www.aspe.org/membership-global-community/membership/special-interest-groups/ayp/>

And don't forget to join our golf outing on Monday the 24th!

## VP Legislative — Brian Peceny

How about some CPD questions?

1. House drains are designed to flow how full?
2. What is a branch interval?
3. What can minimize hydraulic jump?
4. When does terminal velocity occur in a drainage stack?
5. How are horizontal branch connections to the stack made?
6. High temperature wastes should be cooled to what temperature before discharging into the drainage system?
7. How can the fixture unit flow rate be calculated?

Answers on Page 15



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# 2021 Western Michigan ASPE Golf Outing

**Vendors:**  
  
**Sponsorship  
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Available!!!**

**What:** 2021 Annual ASPE Golf Outing  
**When:** Tuesday, May 25th 2021  
**Where:** StoneWater Country Club  
7177 Kalamazoo Ave. SE  
Caledonia, MI 49316 **Who:**

**Why:** A good excuse NOT to work and get outside!

**The Details:** Lunch begins at **11:00 a.m.**  
Lunch provided by **Northwest Kent Mechanical**  
Tee Time is a shot gun start at **11:45 p.m.**  
Dinner is included and will start after everyone has played the course.

**Cost:** \$100 per person—this includes lunch, 18 holes of golf,  
1/2 an electric cart, & dinner (\$30 for dinner only)

## RESERVATIONS FOR THE GOLF OUTING

Enclosed is \$ \_\_\_\_\_ For \_\_\_\_\_ golfers @ \$100.00each.

My Group Includes:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Place me in a group \_\_\_\_\_ Dinner Only — Name: \_\_\_\_\_

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# 2021 Western Michigan ASPE Golf Outing

## Hole Sponsorships and Advertising

This year we will have multiple options for you to get your company’s name and products shown at the 2021 ASPE Golf Outing

### Holes Sponsorship (\$200)

A table will be provided for you to show and promote your products at a given hole during the outing. Vendors will be encouraged to have someone at their table to organize a competition (i.e. longest drive), or another fun game at their hole.

Spots are limited!

### In Cart Advertising (\$50)

Vendors can have their product shown on each golf cart’s digital screen during play. Ads will be limited to one per hole, so reserve your spot now!

## SPONSORSHIPS AND ADVERTISING

Enclosed is \$ \_\_\_\_\_ For:

Hole Sponsorship (\$200)

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Person(s) at the table: \_\_\_\_\_

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## VP Legislative — Brian Peceny

### ANSWERS:

1. 1/2 full to 3/4 full max under uniform flow conditions
2. A building story or a distance between two branch connections greater than 8 feet apart.
3. Increasing the slope of the horizontal drain. Connecting to a horizontal drain that is larger than the stack.
4. It is achieved at approximately 10 - 15 fps and this velocity is achieved within 10 - 15 feet of fall from the point of entry.
5. With a sanitary tee (a short radius tee-wye, vertical position only) or with a long radius tee-wye (vertical or horizontal position). (The tee-wye is also called a combination wye and one-eighth bend)
6. 140 DEGREE F
7. By dividing the total discharge flow in gallons per minute of a single fixture divided by  $7.5 \text{ gal/ft}^3$