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TOPIC: PHYSICAL WATER CONDITIONING

PRESENTER: DAN GANSHIRT - AQUA-REX

**WHEN: WED., SEPT. 7th
11:45 am - 1:30 pm**

WHERE: VIA ZOOM MEETING @

<https://moseleyarch.zoom.us/j/95282350445>

(highlight web address then right click & select Go To...)

GREETINGS FROM THE PRESIDENT

President's Message

As we charge into a new ASPE season I would like to thank all the representatives, companies, and individuals that make our Richmond Chapter the success that it has become. We have been fortunate enough over the last few seasons to have continually growing interest in technical presentations, which has lead to an even broader variety of topics and discussions.

Similar to last season, we will continue to hold virtual monthly technical presentations via Zoom. While the pandemic has forced our hand a bit, we were also planning on changing meeting locations due to space limitations at our previous venue. So to avoid costly contracts for a new venue that we may or may not be able to use, we have decided to continue the virtual path at this moment. We do hope that as gatherings become more frequent and regular, we will be able to not only begin to meeting in person again, but also maintain a virtual option for our meetings as well.

I look forward to a new season and hope to see everyone on the virtual meeting later today.



**JOSHUA H. LANDIS, CPD
PRESIDENT, ASPE RICHMOND CHAPTER**

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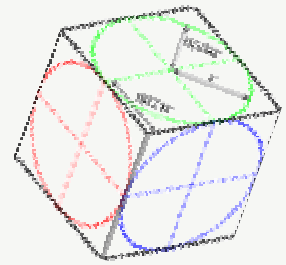
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tina.capece@masonandhanger.com

ASPE Young Professionals Chapter Liaison

Eric Geisendaffer - Bay Associates
eric@bayassociates.com



Presentation Lineup

(VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED)

- **October 13**
 - **Gas Safety Control in Science Labs**
 - **American Gas Valve**
- **November 10**
 - **The Logical Choice**
 - **CISPI**
- **December 8**
 - **Grey Water Systems**
 - **Intewa**
- **January 12**
 - **Water Coolers & Drinking Fountains Moving Forward**
 - **Oasis**
- **February 9**
 - **Water Control Systems**
 - **Kemper**
- **March 9**
 - **Smart Water Management**
 - **George Fischer**
- **April 13**
 - **Digital Mixing Stations**
 - **Armstrong**

VP MEMBERSHIP - ROB GRUBBS



It's never too late to join ASPE! The monthly meetings are just one of the advantages to becoming a member. Current members, please encourage your colleague's to attend our monthly meetings and consider joining the ASPE family. Visit <https://www.aspe.org/join> for more information.

WELCOME!

We are happy to welcome the following new members

- BEN RICKEY, CPD
- ALEX HAMMOND - BRADLEY HUGHES LLC

LET'S CELEBRATE!



BIRTHDAYS

Peyton Martin	6/6
Christopher Tanner	6/13
David Hanson	6/15
Anthony Pugliese	6/24
Matthew Wilson	6/30
Matthew Caparrelli	7/3
David Moore	7/6
Lars Frost	7/7
Robert Grubbs	7/7
Michael McCarthy	7/16
Manan Haji	8/6
Rafat Zaqout	8/16
Darryl Lawson	8/18
Christopher White	8/19
Miles Johnston	8/29
John Cain	9/7
Istvan Godri Martis	9/11
Patrick Wright	9/21
Scott Gregg	9/23
Kimberly Griffin	9/25
Robbie Shearon	9/28

ANNIVERSARIES

Wesley Bonafe	8/22/1991
Ira Leary	6/5/1996
Tina Capece	7/31/2007
Istvan Godri Martis	8/20/2010
James McCollum	8/4/2015
Joseph Scerbo	6/22/2016
Darryl Lawson	8/21/2017
Charlie Hockett	7/25/2018
Patrick Wright	8/31/2018
Eric Geisendaffer	9/7/2018
Keith Workman	9/14/2018
James Trexler	9/30/2018
Frank Marsh	6/26/2019
Mischa Zakhary	6/18/2020

ADMINISTRATIVE SECRETARY - JAY OTTO

Hello everyone!

September 8th will mark the start of a new season of technical presentations for the Richmond ASPE chapter. The Richmond ASPE chapter was founded in 1964, so we are celebrating our 57th anniversary!! That's a huge accomplishment for an all volunteer organization. We would not be here without the efforts of all of the volunteers throughout those 57 years. I'm happy and proud to be involved.

We have a number of 20+ year members and past presidents as well as some retirees who regularly attend and contribute to the chapter. Our membership is growing and it's great to see the younger faces. Heck, almost everyone is younger than me these days! As usual Josh Landis has done a great job scheduling presenters with relevant topics for this season.

We all look forward to the day when we can, once again, greet each other in person as we work & ply our craft in our chosen profession. Here's to another successful season of the Richmond ASPE Chapter!

Thank You

Jay Otto, Administrative Secretary

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ASPE Design Guide Volume 4 Chapter 4

“The goal of the designer should be for the system to operate with as little energy as possible for a given demand.”

“At no time is a booster at 100 percent flow based on Hunter’s diversity curves”

“When selecting the total flow capacity, one preferred way to evaluate the operational efficiency is to use a method that can be scientifically proven, such as the 70 percent method.”

“Tanks will typically be required when the manufacturer does not utilize low flow testing algorithms to detect low flow”

“New energy standards concede that reducing the speed of a pump during most of its operational time and restarting for makeup loads is more efficient than using tanks as “water storage batteries” during low-flow conditions.”

** The above is taken from American Society of Plumbing Engineers design guide volume 4 chapter 4**

Thank You for your support!



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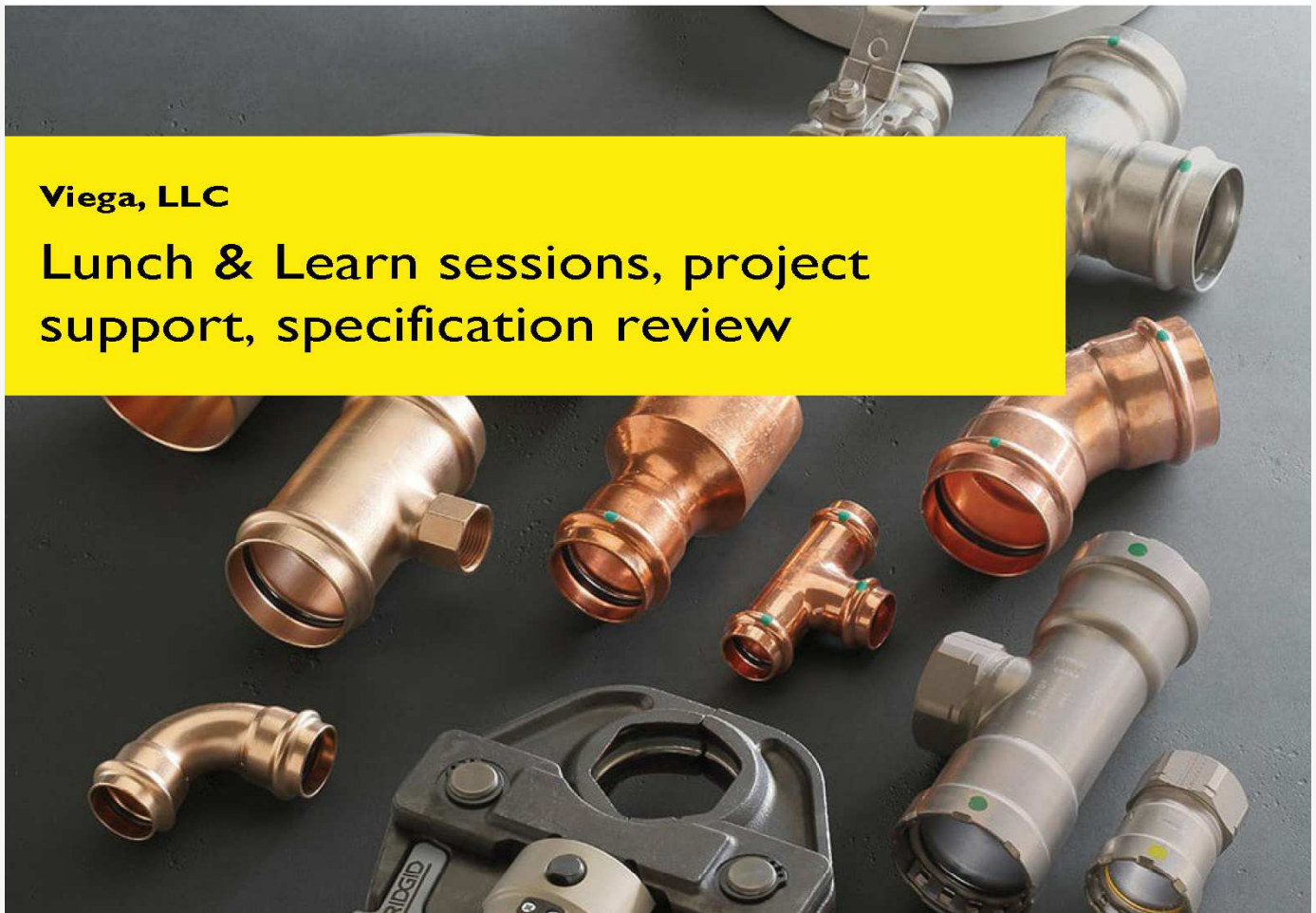
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Based in the Northern Virginia D.C. Metro area, Mike formerly worked for a fire protection manufacturer and was a volunteer firefighter. Mike holds a Business Degree with a specialization in entrepreneurship and brings strategic business planning to the Viega team.

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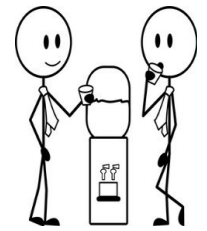
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TALK AROUND THE WATER COOLER...



Check-out these sites for interesting and educational topics & tools to stay up to date!

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[HTTPS://WWW.ASPE.ORG/2021-TECH-SYMPOSIUM/](https://www.aspe.org/2021-tech-symposium/)

ASPEPipeline

1. Are You a Young Plumbing Designer Who Wants a Credential to Showcase Your Expertise?

ASPE's Certified Plumbing Design Technician (CPDT) is the program for you! ASPE developed the CPDT program to provide professional recognition of qualified plumbing designers early in their careers. This year's exam will be held via remote proctor on October 11–22. You can learn about eligibility, the program and how to register at [ASPE Pipeline](#).

2. Save the Date for the Virtual “Updating the Hunter’s Curve Summit”

With IAPMO, we are co-hosting “The Water Demand Calculator: Updating the Hunter’s Curve Summit,” a virtual event on November 4, 2021. Join us as we review the history of Hunter’s curve and discuss what the future holds for the Water Demand Calculator, specifically how to adapt the WDC to commercial needs. Registration details will be provided soon.

BE SURE TO CHECKOUT THESE COLUMNS FOUND IN PIPELINE EXCLUSIVES SECTION:

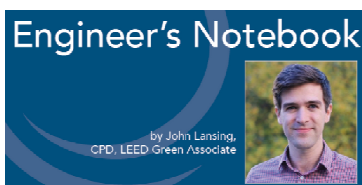
[HTTPS://WWW.ASPE.ORG/PIPELINE/CATEGORY/PIPELINE-EXCLUSIVES/](https://www.aspe.org/pipeline/category/pipeline-exclusives/)



IS HOT WATER REQUIRED AT HANDWASHING-ONLY LAVATORIES?
Oklahoma Chapter member John Parks, CPD, started a lively discussion on ASPE Connect when he asked this question. Find out what our experts said.



WHO IS REALLY LOOKING OUT FOR THE CLIENT’S BEST INTERESTS?
In the June 2021 "Professional Engineer's Perspective" column on ASPE Pipeline, Dave Dexter explores the fiduciary responsibilities of the various players in the design/build process.

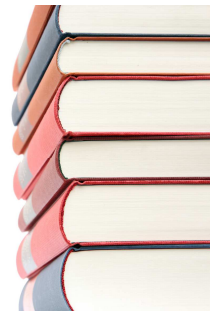


HAVE YOU HEARD OF THE PRODUCT RATIO METHOD?
It's an approach for determining circuit flow rates in domestic hot water circulation systems. Portland Chapter member John Lansing explains how this methodology can produce a high-performance system that prioritizes both public health and energy efficiency.



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ASPE's Executive Director/CEO explains how ASPE's programs can make you more valuable to your company or firm.

EDUCATION STATION



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BE SURE TO CHECK BACK EACH MONTH FOR ANY NEW / UPCOMING WEBINARS



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