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INSIDE THIS ISSUE:

Greetings from the President
Page 2

Technical
Page 3

Membership
Page 4

Industry Ads
Page 5-15

News
Page 16

Education
Page 17

NOVEMBER 2021

TOPIC: THE LOGICAL CHOICE

PRESENTER: MIKE CLOUGH - CISPI

**WHEN: WED., NOV. 10th
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...)

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Eric Geisendaffer - Bay Associates
eric@bayassociates.com

GREETINGS FROM THE PRESIDENT

President's Message

As Thanksgiving approaches, I'd like to thank everyone that has had a hand in guiding and developing this Chapter to what it has become. We are always looking for individuals that are willing to help out. If you or anyone you know is interested in helping support and further develop our Chapter, reach out to me via email, phone call, or text. We are only able to continue to grow and build off each season's success because of the commitment and participation of our volunteers, supporters, and membership.

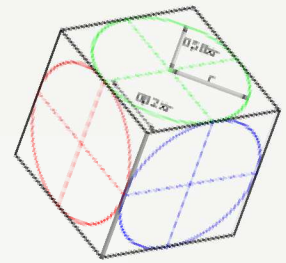
Thank you to those that were able to attend our first Richmond Chapter AYP event at Drive Shack. If you were unable to make it, please be on the lookout for information on the next event from our AYP Liaison.

I hope to see everyone tomorrow for the virtual monthly meeting, this Wednesday the 10th. As always, if you have any questions or concerns, please do not hesitate to reach out to me or anyone on the board.



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

TECHNICAL SCHEDULE



Presentation Lineup

(VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED)

- **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!

**No new members to report this month.
Remember to spread the word with industry friends
& colleagues!**

LET'S CELEBRATE!



BIRTHDAYS

Marie Slagle	11/7
Bill Kirkpatrick	11/23
Randall Merkel	11/26

ANNIVERSARIES

Kevin Sherlock	11/10/1980
Vic Hines	11/9/1994
Marie Slagle	11/13/2014
Michael McCarthy	11/3/2017
Brandon Miller	11/6/2019
Michael Saweikis	11/16/2020

Hubbell WATER HEATERS

High Volume Tepid Water Delivery System

The Model EMV is a fully packaged system designed to meet the requirements of ANSI/ISEA Z358 for tepid water delivery to an emergency drench system. This heavy-duty water heater is constructed using a carbon steel tank and internally lined with ½' thick Hydrastone.



- ☉ Hydrastone cement lining provides tank longevity
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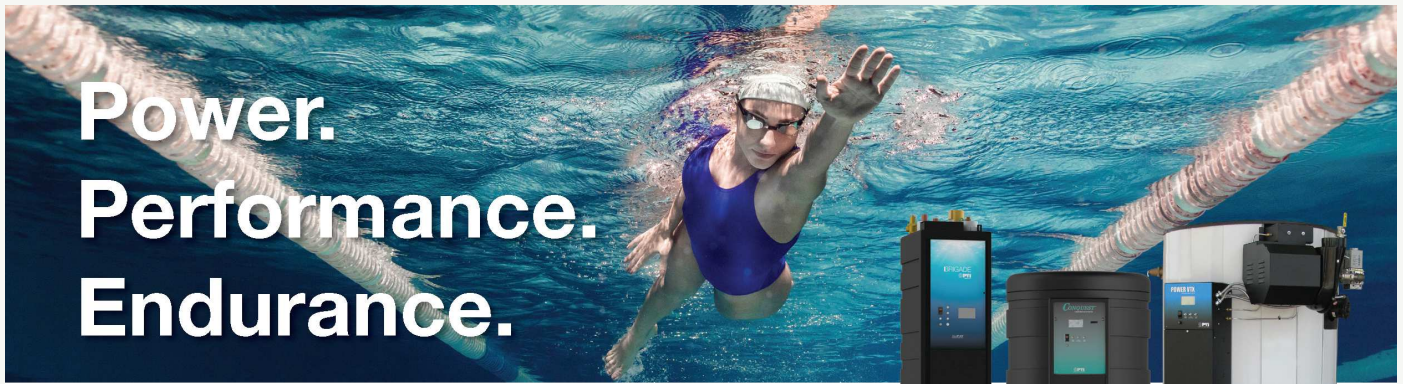
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Grey water and Rainwater Solutions

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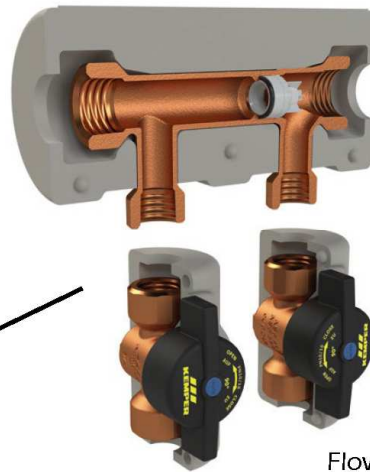
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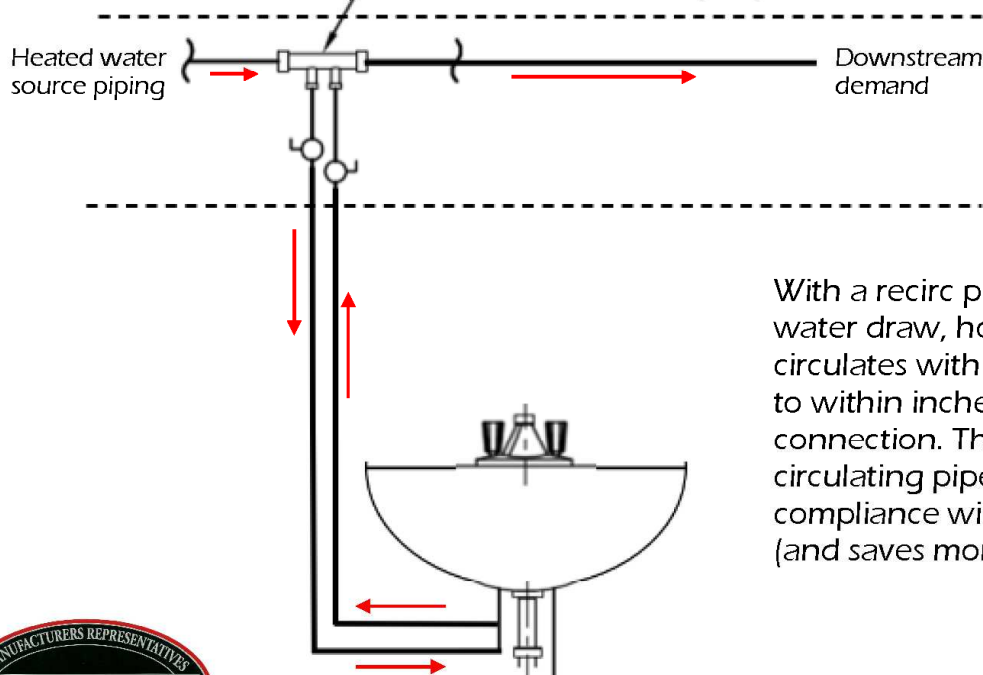
Tel: 804-798-2600
Fax: 804-798-1356

How to comply with the Energy Code C404.5.1 (requiring a maximum of only 24" of non-circulating pipe length).

The **Kemper Flow-Splitter** gives the designer the ability to route smaller circulation loops to public lavs and other fixtures from the primary heated water source. It's a 'no-brainer'.



Flow-Splitter
Figure 651 06 XXX



With a recirc pump or downstream water draw, hot water automatically circulates within the connected loop to within inches of the fixture connection. This minimizes non-circulating pipe lengths for compliance with the energy code (and saves money).



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KEMPER
WATER CONTROL SYSTEMS

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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Please contact us for in person or virtual lunch & learn jayotto@ottosales.com 804-798-2600

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For Lunch & Learns or more information, contact:

Mike McCarthy | Technical Manager
Mike.McCarthy@Viega.us, (571) 328-1143

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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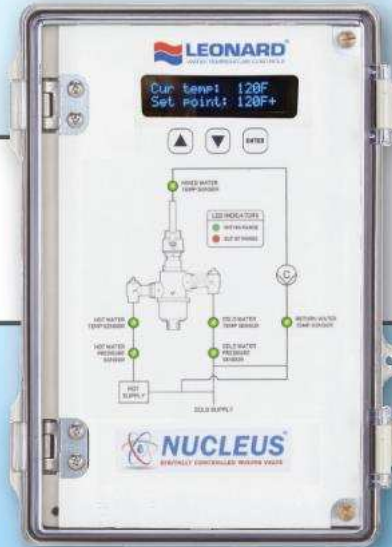
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Meeting Tabletop Costs

Per Meeting

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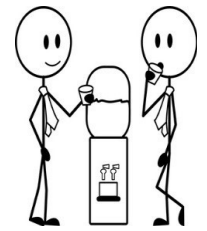
Non-Member \$100

Per Year (8-9 Meetings)

ASPE Member \$450

Non-Member \$550

TALK AROUND THE WATER COOLER...



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

ASPEPipeline

News for the Plumbing System Design Industry

1. WQA and ASPE Seek Public Comments on the Reaffirmation of Sustainable Water Treatment Media Standard

The reaffirmation of WQA/ASPE S-802 (2017): Sustainable Water Treatment Media is now available for public review. The media included in the scope of this voluntary product sustainability certification standard include activated carbon and ion-exchange resin (or blends thereof) commonly utilized in the treatment of drinking water. The deadline to comment is November 22, 2021. To obtain a copy of the standard and the comment form, please contact gpienta@aspe.org or visit aspe.org/publications-news/standards.

2. Save the Date - DATE CORRECTION

The correct date for 2022 ASPE Convention & Expo being held in Indianapolis is September 16-21. Registration will open in the spring of 2022.



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/)



ASPE'S "GIFT OF GAB"

Many years ago, I wrote a column on a similar subject, yet I feel strongly that now is a great time for a refresher on the "Gift of GAB" and what that means relative to ASPE as a Society, as well as to our Chapters and individual members of this great Society. Yes, I mean you, as we dive into what I really mean by this simple question: Do ASPE and our members have the Gift of GAB?



TALES FROM THE FAUCET: THE "KNUCKLEBUSTER 1000"

What happens when a plumbing engineer encounters a curiously installed faucet? As a plumbing designer/engineer who travels quite often to different cities and towns to survey and manage projects, you tend to notice odd things in the buildings you survey and/or stay in—such as fixtures installed in a peculiar manner, unique selections of specific equipment, and their head-scratching installation locations. Click on [Pipeline Exclusives](#) to read their stories!



WHAT IS THE CONNECTION BETWEEN HOT WATER, TMVS & LEGIONELLA?

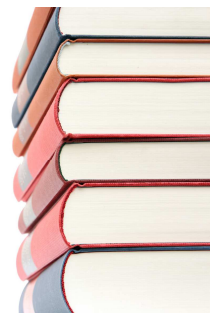
A straightforward question about hot water temperatures on ASPE Connect evolved into a deeper discussion on TMVs and Legionella prevention. Find out what our experts were debating in the latest [Current Connection](#).



NOVEMBER 2021 ASPE LEGISLATIVE UPDATE

ASPE's Legislative Committee and Council actively participated in national and local code development in 2021, and the 2021 ASPE Tech Symposium provided a forum for a Legislative meeting to review the year's activities and discuss future goals. Thank you to those who attended the meeting! Click on [Pipeline Exclusives](#) to see the highlights from the discussions.....and the activities for the year follow:

EDUCATION STATION



REMINDER! ASPE revamped their learning platform!! The new site is education.aspe.org. All educational programs and articles have transitioned over to the new site now. If you are looking to earn CEU's and/or enhance your skills and knowledge then this is the site for you! Once in the site Sign in (top right) using your ASPE Connect credentials. If you have not activated your ASPE Connect credentials, go to this link to reset your ASPE Connect password: <https://connect.aspe.org>.

GPD ON-DEMAND CERTIFICATE PROGRAM IS NOW AVAILABLE



We are pleased to announce that our popular Green Plumbing Design (GPD) Certificate program is now available entirely on demand on ASPE Education. This new self-paced online program will enable you to earn your GPD certificate at your own speed, in your own timeframe, while refining your sustainable design skills in solar water heating, temperature maintenance, and rainwater and graywater systems. Go to the [Education Opportunities](#) link at ASPE Pipeline.

DON'T FORGET TO SIGN UP FOR OUR FREE WEBINAR ON NOVEMBER 12

WOA invites ASPE members to their live webinar to learn about leading collaboration, assertive communication, excellent listening, and fantastic questioning. Morning and afternoon sessions are available. Go to the [ASPE Updates](#) link > Webinars at ASPE Pipeline.



NFPA ONLINE CONFERENCE TO FEATURE INDUSTRY EXPERTS DISCUSSING SYSTEMS, STORAGE, AND SUPPRESSION

The National Fire Protection Association (NFPA) will conduct a one-day *Keeping You Informed: Systems, Storage, Suppression, and More* educational program on Tuesday, Nov. 16 as part of the organization's year-long 125th Anniversary Conference Series. The all-day online event will feature a total of 10 educational sessions and industry roundtable discussions featuring subject matter experts and can be viewed on the scheduled date or via on-demand anytime for up to a year. Attendees will also benefit from networking opportunities, live chat sessions, sponsor demonstrations, and more. Go to the [Education Opportunities](#) link at ASPE Pipeline.



THE NOVEMBER 2021 ASPE BOOK OF THE MONTH IS **ASPE/ANSI 45-2018: SIPHONIC ROOF DRAINAGE**

THROUGH NOVEMBER 30, 2021, YOU CAN PURCHASE THE PDF VERSION OF THIS BOOK FOR **15% OFF** THE REGULAR MEMBER PRICE. JUST ENTER COUPON CODE **GIVETHANKS** WHEN YOU CHECK OUT.