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# American Society of Plumbing Engineers

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## President's Report

By R. Dennis Callahan

Finally, the weather is starting to get cooler and we are starting to get some rain. I don't know about the rest of you but I'm tired of seeing brown grass. With October right around the corner we'll be complaining about the cold weather soon enough.

Our first meeting of the year was Tuesday September 6<sup>th</sup> and what a great speaker we had. Dr. Adeeb spoke on ethics and everyone enjoyed his presentation. It was a great way to begin our 2011-2012 ASPE year. I'd like to thank everyone who attended the meeting. I am pleased to say, we had an awesome turnout again. It really is great to see so many of you at the meetings.

### **2011 Aspe Technical Symposium, October 27-30 will be held inside Walt Disney World Resort in Orlando Florida.**

This is a great opportunity for learning valuable information and meeting fellow members from other areas of the country. ASPE has worked out a deal on the hotel rate at the Buena Vista Palace Hotel which is \$119/night for single/double occupancy. The deadline for reservations is October 4<sup>th</sup>, so don't wait too long. Early registration for the symposium is over, so if you haven't registered yet, you will have to pay \$625.00 in lieu of the discounted rate. Please contact a board member if you are planning to attend.

Make your Plans to attend the PSC/ASPE Trade Show, Tuesday November 1<sup>st</sup> at the Ameristar Casino in St. Charles. We will have our luncheon meeting there (same time 11:30 – 1:00) with some great classes to follow our meeting. This would be a great chance to get some CEU's, see some new products and do some networking with your peers. There will be more information on this at our October meeting.

ASPE Research Foundation Raffle Tickets. At our October meeting you will have your last chance to purchase raffle tickets to win a one week (Jan, 28-Feb. 4, 2012) time share at the La Costa Beach Club Resort in Pompano Beach Florida (one-bedroom condo) for \$1.00 a ticket or 6 tickets for \$5.00. The chapter will receive \$0.25 for each ticket sold, with the remainder going to the ASPE Research Foundation. The drawing will be held at the 2011 symposium, Oct. 27-30 and the winner need not be present to win. **The winner is responsible for travel expenses to and from the condo.** Each one of your Board Members has decided to purchase \$5.00 worth of tickets to show support for the foundation.

Continued on page 5



# Membership Anniversaries

## VP Legislative Report

By Paul Hellickson

### Code Updates

No local code updates to report at this time.

### Illinois bill signed into law

Illinois Gov. Pat Quinn recently signed into law House Bill 248, effective immediately, which will allow recycled, treated wastewater to be used for non-consumption purposes such as watering golf courses.

Click [HERE](#) for additional information.

<http://www.illinois.gov/PressReleases/ShowPressRelease.cfm?SubjectID=3&RecNum=9678>

### Hydraulic Institute Releases New Standard

**Parsippany NJ, September 6, 2011 - -** The Hydraulic Institute (HI) announces that both the Centrifugal Pump Test Standard (ANSI/HI 1.6 – 2000) and the Vertical Pump Test Standard (ANSI/HI 2.6 – 2000) have been superseded by the newly released Standard for Rotodynamic Pumps for Hydraulic Performance Acceptance Tests, (ANSI/HI 14.6 – 2011). The new test standard contains significant updates from the 2000 version(s) and is considered the new global reference for testing centrifugal and vertical pumps.

Click [HERE](#) for additional information.

[http://www.pumps.org/content\\_detail.aspx?id=6298](http://www.pumps.org/content_detail.aspx?id=6298)

### Illustrated Plumbing Codes Design Handbook

This is just a reminder that the *Illustrated Plumbing Codes Design Handbook* is out and can be bought at the online ASPE store. It really is a must have for your entire office. Click [HERE](#) to go directly to the ASPE store.

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# VP Technical Report

Eric P. Rogers

For those that attended the September chapter meeting, I hope you felt that it was a valuable experience and worth your time. Many comments I received from ASPE members and first time guests after the meeting seem to support that statement. The speaker, Dr. Kareem Adeeb, made several good points about ethics that apply to both personal and professional life. A brief summary of some key points are listed here:

- I'd rather stick to my ethics and have a client unhappy with me for six months, than back slide on my ethics and have a client unhappy with me for the rest of his or her life
- It's alright to say "No" sometimes. Don't be lured to give in by money
- People will respect you only if you respect yourself
- The outcome of any engineering process is not guaranteed
- Engineers should not think of themselves as infallible, nor should they allow their clients to think of them as such
- A prudent design does not equal a perfect design
- Educate your client in the ways of professional ethics
- Engineers need to cultivate social skills, such as public speaking. Engineers need to enter the arena of public elective office
- Do not be afraid to say it like it is

I am pleased to announce that our October speaker and subject are just as interesting.

The subject is: **Overview of NSF/ANSI Standard 61 and new lead standards for drinking water products**

New national and state laws and standards have been enacted restricting the allowable lead content in products. This is in addition to current requirements in most states that require drinking water products to be certified to NSF/ANSI Standard 61 (NSF 61). This presentation will provide an overview of lead content laws such as those in California, Maryland and Vermont, and recent revisions to the Safe Drinking Water Act. It will also provide an

Continued on page 12



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**Continued from page 1**

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Our next meeting is October 4<sup>th</sup>. Eric has another interesting speaker lined up, so plan on attending. Hope to see you all then.

Reminder.....those of you who attend the meeting and need CEU/PDH/PEU's, please make sure you mark the box accordingly, and those who need the St. Louis County credit be sure and include your SSN in order to get the appropriate credit.

Please remember to RSVP to Mike Todd, and bring a friend along!

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**ASPE General Meeting Dates for 2010-2011**

**October 4th, 2011**

Speaker -Dave Purkiss

Overview of NSF/ANSI Standard 61 & new lead standards for drinking water products

Lunch menu for Oct. 4th will be

Pulled Chicken w/Peppers and Onions,  
Pasta Salad, and Fresh Fruit

Nov. 1st

Speaker Tim Keane

Topic will be Legionella

November meeting will be held at the Ameristar Casino in conjunction with the PSC trade show and will be followed by two seminars.

Make reservations with Mike Todd to attend [miket@behrco.com](mailto:miket@behrco.com)

Dec. 6th

Lunch meeting schedule

11:45 AM Social - 11:55 introductions- Tech Session During Lunch - Meeting Adjourned at 1:00PM

NOTICE:

Affirmative response or self registration prior to meeting is considered a positive reservation for food and attendance. Should a NO SHOW occur, you will be billed for the dinner.

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### Career Advancement Made Easy

The new ASPE Career Center offers members—and the plumbing engineering industry at large—an easy-to-use and highly targeted resource for online employment connections. Whether or not you are actively looking for new employment, it makes sense to post your resume on the ASPE Career Center because you never know what opportunities may be out there looking for you.

The ASPE Career Center offers job seekers:

- Free online job search: All job-seeker functions are available at no charge.
- Confidential resume posting: Make your resume available to employers, and release your contact information only when you are ready.
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### How Can the ASPE Career Center Help You?

ASPE has joined Boxwood Technology's Engineer Career Network, an interactive online job board already populated with numerous engineering-related positions at firms located across the country. You can search listings by keyword and then narrow the results by location, discipline, job level, or education level. By creating an account, you can apply for jobs on the spot or save them for further review, and you can post your resume to be noticed by engineering firms searching for their new employees. Best of all, the ASPE Career Center is FREE for job seekers.

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overview of NSF 61 the contaminant leaching standard and the lead content standard NSF/ANSI Standard 372.

The speaker for October is Mr. Dave Purkiss. Dave is General Manager of Water Treatment and Distribution Products certification program at NSF International. Dave has worked for NSF for 24 years, including 4 years as Managing Director of WRc-NSF in the UK. Dave holds a B.S. in Biochemistry from Michigan State University and serves on the AWWA Polyelectrolytes Standards Committee, AWWA Utility Quality Management Programs Committee and the NSF International Joint Committee on Recreational Water Facilities.

The upcoming **November** lunch presentation is to be a presentation from Mr. Tim Keane on the subject of Legionella. We are also pleased to announce that Tim will be providing more detailed information in two (2) one and half hour (1.5 hour) seminars at no cost to ASPE chapter members. The lunch and seminars will be worth education credits. Please see the attached schedule for times and subjects.

I look forward to seeing everyone at the upcoming meeting and seminar.

## BAN THE BOTTLE...



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The new HydrationStation™ from Haws features a touch-free, hygienic design that eliminates all physical contact while dispensing pure, "polished" water; every bit as great tasting as bottled water, without the expense or the environmental impact!



[www.stayhydrated.net](http://www.stayhydrated.net)

	Lunch		Seminar 1			Seminar 2		
	12 - 12:30	12:30 - 1	1:30 - 2:00	2:00 - 2:30	2:30 - 3:00	3:20 - 3:50	3:50 - 4:20	4:20 - 4:50
<b>Introduction</b>								
Why the Concerns - Background and History and Future of Legionella and Legionnaires' disease								
Case Histories - First hand experiences in outbreaks, remediations and litigations								
<b>Waterborne Pathogens Overview</b>								
Microbiological - Habitat - Where does the bacteria grow and what impacts it's spread								
Clinical - What types of people are more at risk for Legionnaires' disease and why? Where are these at risk people most likely to be found?								
Building Types and Inherent Risks - Environmental Impact and risk based on design and operations								
Guidelines and Regulations - Impact of New Guidelines and Standards								
<b>Critical Issues</b>								
Legionella & Litigation - Why are Lawsuits so common with Legionella? Who gets sued and why? What are the outcomes?								
Designing and Maintaining a System to Minimize Legionella Risk								
HACCP Plan - Risk Assessment, Risk Management for Waterborne Pathogens to minimize liability and litigation and comply with standards and guidelines.								



## Monthly Meeting & Speaker Program

Tuesday, November 1, 2011 | 11:45 a.m. – 4:50 p.m.  
Ameristar Casino

### TICKET COST

Members – \$18  
Non-members – \$25

Food and drink provided.

The ASPE meeting is in conjunction with

**PSC**  
**TRADE SHOW**  
1:30 p.m. – 7:30 p.m.

*Plumbing representatives and manufacturers feature the latest in plumbing products and technologies.*

**Join speaker Tim Keane, consultant to Legionella Risk Management, Inc., as he addresses the following topics:**

### INTRODUCTION | SESSION 1 – LUNCH MEETING *(begins at 11:45 a.m.)*

12:00-12:30	<b>Why the Concerns</b>	Background and History and Future of Legionella and Legionnaires' disease
12:30-1:00	<b>Case Histories</b>	First hand experiences in outbreaks, remediations and litigations

### WATERBORNE PATHOGENS OVERVIEW | SESSION 2

1:30-2:00	<b>Microbiological-Habitat</b>	Where does the bacteria grow and what impacts its spread?
	<b>Clinical</b>	What types of people are more at risk for Legionnaires' disease and why? Where are these at risk people most likely to be found?
2:00-2:30	<b>Building Types &amp; Inherent Risks</b>	Environmental impact and risk based on design and operations
2:30-3:00	<b>Guidelines &amp; Regulations</b>	Impact of new guidelines and standards

### CRITICAL ISSUES | SESSION 3

3:20-3:50	<b>Legionella &amp; Litigation</b>	Why are lawsuits so common with Legionella? Who gets sued and why? What are the outcomes?
3:50-4:20	<b>Designing &amp; Maintaining a System to Minimize Legionella Risk</b>	
4:20-4:50	<b>HACCP Plan</b>	Risk Assessment, Risk Management for Waterborne pathogens to minimize liability and litigation and comply with standards and guidelines.

**Please contact Mike Todd (Behrmann Company) to register: 314-631-4400 miket@behrco.com**

*TIM KEANE has worked with Healthcare and Industrial facilities in the United States and internationally, implementing waterborne pathogen programs as well as consulting on water treatment issues. In the area of waterborne pathogen programs, Mr. Keane performs environmental risk assessments, develops and implements risk management plans, oversees remediation projects and performs outbreak investigations.*

Presented by:



PLUMBING SUPPLIERS COUNCIL

Aaron Backs	Murphy Company
Bill McKanna	Murphy Company
Bob Fanning	M/R Associates
Bob Thomason	Albert Arno
Carl Eichstaedt Jr	CSE Consulting
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Tara Campbell	Summit Sales
Chris Corich	Kyhl Co.
Kevin Harding	Mcclure Engineering
Tom Queathem	McClure Engineering
Billy Lewis	Mcclure Engineering
Brett Rossomanno	Mcclure Engineering
David Blumenkamp	Kohler Company
Mark Carnoali	Mcqueeny Lock
Adam Forest	S-E-A Limited
Robert Hastings	IPEG

Jackpot Drawing worth \$10.00  
 Don Sullivan won  
 Kevin Griesemer was not present to win

50/50 Drawing  
 Robert Thomason \$10.00  
 Bruce McGuire \$10.00  
 Jack Fischer \$10.00

Attendance Prize  
 Melanie Holden \$25.00 Best Buy Gift Certificate  
 Ray Kleinsorge \$20.00 Subway Gift Certificate  
 Brett Rossomanno \$15.00 Starbucks Gift Certificate

