



# WASHINGTON DC CHAPTER ASPE NEWS

PO Box 3875 Frederick, MD 21705

May 2010 Issue

**AMERICAN SOCIETY OF PLUMBING ENGINEERS**  
CHAPTERS ARE NOT AUTHORIZED TO SPEAK FOR THE SOCIETY

## OFFICERS

### **PRESIDENT**

Juan Rojas  
Integral  
(703)-310-1092  
[jrojas@integralpe.com](mailto:jrojas@integralpe.com)

### **VP TECHNICAL**

Matthew Lane  
DMJM Design  
(703)-682-4949  
[Matt.lane@aecom.com](mailto:Matt.lane@aecom.com)

### **VP LEGISLATIVE**

Ronald Ball, AA, BS  
URS Corporation  
(202)-872-0277 x197  
[Ron\\_ball@urscorp.com](mailto:Ron_ball@urscorp.com)

### **VP MEMBERSHIP**

Derek Wilson  
GHT Limited  
(410)-712-7050 x 4223  
[dwilson@ghltd.com](mailto:dwilson@ghltd.com)

### **VP EDUCATION**

Dennis Cavallaro  
Southland Industries  
(703)-834-5570  
[dcavallaro@southlandind.com](mailto:dcavallaro@southlandind.com)

### **TREASURER**

Gareth Koogle  
STH, Inc.  
(301)-682-3390 x 16  
[Gareth.koogle@sthinc.com](mailto:Gareth.koogle@sthinc.com)

### **Corresponding Secretary**

Chris Barnard  
Barnard Associates  
(443)-864-6251  
[cbarnardsr@yahoo.com](mailto:cbarnardsr@yahoo.com)

## President's Message



**JUAN ROJAS,**  
PRESIDENT



## Elections!

The time for election of new chapter board officers is here, so if you would like to participate at the board officer level please let one of the current chapter officers know, we are currently taking nominations. All elective officers must be members in good standing.

The chapter is operated by a Board of Directors consisting of the officers elected annually or biennially by the chapter's members, at the chapter's annual meeting in the month of May that coincides with the year of the Biennial Society Convention. The Chapter Board of Directors shall meet at least once a month. A majority of officers shall constitute a quorum necessary for the transaction of business.

Continued on Page 4..

### In this issue...

- Page 1.....President's Message
- Page 2.....Code Updates
- Page 4.....President's Message Continued
- Page 6.....Membership
- Page 7.....Speaker's Corner
- Page 8.....Fun Stuff



### Opinion

In a recent article in PM Engineer magazine ASPE President, Julius Ballanco, recounted how he learned to write with an edge (Ballanco, 2010). This month's article will have a little edge to it so be forewarned.

Conservation of resources is nothing new to me as I was raised by parents that grew up on farms during the Great Depression. Rainwater harvesting, and passive solar heating concepts are concepts I have embraced since the 60s. But, I am concerned at the direction of the "green" movement, specifically LEED 2009. The water efficiency credits under LEED 2009 have gotten much more difficult and expensive to obtain. While making the credits harder to obtain is not necessarily wrong the restrictions imposed upon designers and engineers is a negative. For instance, in order to achieve a 30% reduction in water usage it is necessary to use no-water urinals (Biada, 2010). As a designer I prefer having the choice to incorporate waterless, pint flush, or even 0.5 gpf urinals into the project design. The credits seem to be strictly percentage calculations without regards to client wishes and system design. Recent studies have indicated that as much as 5-10% increase in construction costs can be attributed to complying with LEED and green standards. Many of the clients I deal with are willing to go "green" until they find out how much it will add to the cost of the project.

### News

March 22 was World Water Day and to help celebrate the day American Standard set up 12 high efficiency toilets on the Mall here in DC. This coincided with similar displays in other cities worldwide. Lack of fresh water is the world's largest environmental crisis killing approximately 4,500 children daily (American Standard, 2010).

On March 18 the American Society of Mechanical Engineers (ASME), the American Society of Sanitary Engineering (ASSE), and CSA Standards announced an agreement to harmonize five standards concerning automatic compensating valves, anti-siphon fill valves, trap seal primers, flushometers, and water temperature limiting devices. The intent of the agreement is to bring clarity to the plumbing community especially manufacturers. The harmonized standards have a goal of one standard and one test to aid in a fair assessment of products for manufacturers and buyers (ASME, ASSE, & CSA, 2010).

### References:

- American Standard, (2010). American Standard stands in support of safe and sustainable global sanitation. News release downloaded March 16, 2010.
- ASME, ASSE, & CSA (2010). ASME, ASSE, & CSA sign harmonization agreement requirements for selected plumbing components. News release downloaded March 25, 2010.
- Ballanco, Julius (2010). Wow! - 15 years for PME. PM Engineer electronic magazine. Downloaded March 25, 2010 from [www.pmengineer.com](http://www.pmengineer.com).
- Biada, Ben (2010). Earning LEED 2009 water efficiency credits. Consulting-Specifying Engineer electronic magazine. Downloaded March 25, 2010 from [www.csemag.com](http://www.csemag.com).



**AMES, Inc.**  
Manufacturers' Representative  
Since 1957

**COMMERCIAL / INDUSTRIAL LINE CARD**

**A.K. Industries**

**AMES/MESSCO Controls & Systems**

**Aurora Pump Company**

**Aurora/John Wood Company/TIGERFLOW/Mechanical Room Supplies/Wendland**

**Bruner Corporation/Waterlink/Lakeside**

**Fairbanks Morse**

**Grease Solutions**

**Griswold Filtration**

**Precision Systems**

**Proceptor**

**Proco Products, Inc.**

**Rockford Sanitary Systems, Inc.**

**Rontondo / Carlgen**

**Stancor**

**TIGERFLOW Systems, Inc.**

**Tsurumi Pump, Inc.**

**Weil Pump Company**

8918 Herrmann Drive, Columbia, MD 21045  
301-621-8899 (DC) 410-995-6971 (Balt)

Contact: Frank McQuilkin x101, Carole Pappas x104, Dan Galloway x110, Ken Dell x107,  
Maureen Shettle x124, Rachel Anderson x105

Visit us at our website: <http://www.amesinc.com>



## President's Message Continued...

---

### **Volunteering!**

Donald J. Hall, Chairman of the Board of Hallmark, has stated *"Volunteering is a worthwhile and rewarding activity. But it is also much more than that. It is a form of expressions that communicates the personal and social values that give our lives deeper meaning". And it is a necessity in a world that has so many human needs.*" There are so many individuals that had embarked the road of volunteering for so many hours of their personal time, be it chapter board officer, a committee member, etc. they bring an array of skills, talents, and experience that benefit our plumbing community, I'm extremely proud and thankful of having had the pleasure of working along these individuals during my tenure as VP tech, and president of the Washington, DC chapter. Though I'm stepping off being a chapter officer, I'm forever a volunteer to this chapter. Thank you all so much for everything today, and for the past three years with the ASPE DC Chapter. It has helped make me who I am today.

### **Green Plumbing Systems**

Continuing with the green trend and trying to find ways to reduce the carbon and water footprint and at the same time maintain the standard of living in a developed country. The other day while reading an article on water conservation, I came across this very interesting suggestion which goes hand in hand on my take for metering every drop of water that we consume, please see abstract below:

#### **High Efficiency Toilets - HETs**

whether a renovation or new construction chances are you will find a HET available to meet your project. This new trend of HETs go beyond that standard 1.6 gallons per flush (gpf) mandated under U.S. Federal Law. In order for a water closet to be HET, it has to be certified by an independent testing laboratory to meet strict criteria for both performance and efficiency.

An easy way of identifying if a product is truly a HET is by checking the new WaterSense label, this helps consumers identify water-efficient products and programs that meet the WaterSense water efficiency and performance criteria. WaterSense is an EPA-sponsored partnership program that seeks to protect the future of our nation's water supply.

An HET is a fixture with an average flush volume of 1.28 gpf or less. Types of Water Efficient Toilet systems currently available.

- Dual-Flush
- Gravity Fed Single Flush
- Pressure-Assist
- Power-Assist

Without water conservation, we will not be able to meet our water demand for the future, so do your part and conserve water.

All of your comments are always welcome.

Sincerely,  
Juan Rojas  
President  
ASPE DC Chapter

## **ROBERT O. BARNARD ASSOCIATES**

9160 RED BRANCH ROAD  
COLUMBIA, MARYLAND 21045  
(P) 410-720-0900 (F) 410-720-0904

BELOW IS A LIST OF THE PLUMBING MANUFACTURERS WE REPRESENT:



### **TYLER PIPE**

No Hub and Service Weight  
Cast Iron Pipe and Fittings

### **WADE DRAINS**

Specification Drainage Product  
Carrier Fittings, Fixture Carriers,  
Floor Drains, Roof Drains, Cleanouts

### **ANACO/HUSKY**

No Hub Couplings, Heavy Duty  
And Super Duty Couplings

### **HAWS**

Drinking Fountains, Water Coolers  
Eye and Face Wash, Security Showers

### **SYMMONS**

Tub & Shower Valves and Faucets

### **MILWAUKEE & HAMMOND**

Ball, Butterfly, Check Valves

### **CHURCH**

Wood & Plastic Toilet Seats

### **WILLOUGHBY**

Stainless Steel Penal Ware  
Health Care Fixtures

### **MUSTEE**

Shower Walls, Floors, Mop  
Basins, Laundry Tubs

### **IPEX**

Acid Waste Pipe & Fittings

### **VORTENS**

Toilet and Lavatory Vitreous China

### **COAST**

Ball Cocks

We also stock in our warehouse **WADE DRAINS**. For your plumbing needs please contact us

Brian Barnard - Outside Sales, Christopher Barnard - Outside Sales  
Joyce Paul - Inside Sales, Kathy Barnard - Inside Sales, Chad Barnard - Inside Sales  
Warehouse Location  
9222 Rumsey Road  
Bay #9  
Columbia, Maryland 21045



Hello fellow members! The ASPE DC Chapter would like to recognize the following individuals on their anniversaries and thank them for their continued support.

Gerald J. Endler II	1 year.
Daljit S. Gabri	1 year.
Frank D. Mcquilkin	25 years.
William Sherwin P.E.	35 years.

Remember to always be on the look-out for new members. We on the ASPE board want you to understand our group exist because of you, the dedicated members.

Thank you.  
Derek E. Wilson  
VP Membership



Thanks to Craig Riston from JWalker Sales for presenting on "ASTM E-84 Flame and Developed Smoke Code Req. for Under-counter Lavatory Trap and Supply Insulation" at the April 21st meeting.

The table top was given by STH Inc on Wye-Delta closed verses Wye-Delta open and Variable Frequency Fire Pump Controllers.

The May 19th technical session will be presented by Heath Kalmanson from Washington Gas. The topic will be "Navigating the Washington Gas Process & the Distributed Meter Room (DMR) Program".

The May Table Top will be hosted by N.H. Yates & Co.

This is the last monthly meeting until the fall, so come enjoy good company, see some old friends, meet some new ones, learn about some new trends and products in the industry.

Remember, it's always important to continue to learn, and the monthly technical session can be used to earn credit in maintaining your CPD.

If there is topic or speaker you would like to see at a technical session at the monthly meeting, please feel free to contact me at [matt.lane@aecom.com](mailto:matt.lane@aecom.com).

Hope to see you there.

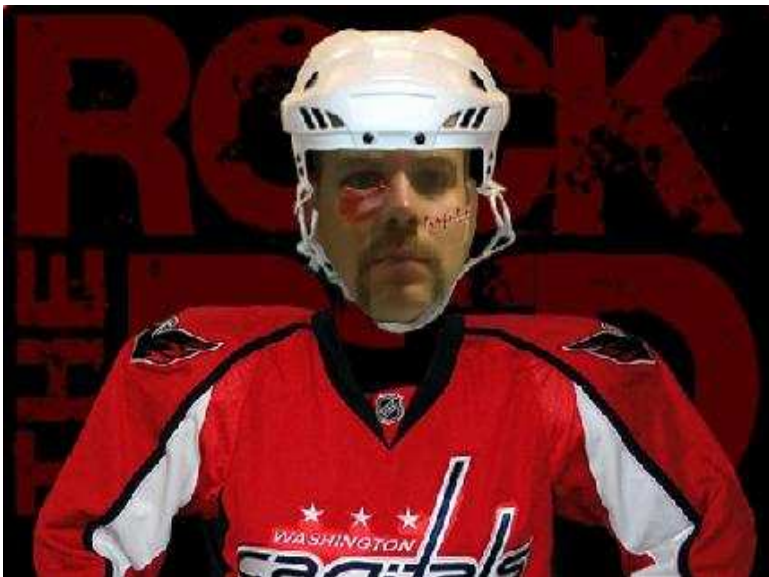
Matthew Lane, CPD, LEED® AP, CFPS  
VP Tech

FUN STUFF -

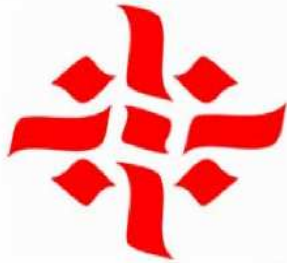


"Live for nothing,  
or die for ASPE."  
-DanBo

Bailey Stark is LoringMan



It hurt me more  
then it hurt you DC



# STH, Inc.

SHAFER, TROXELL & HOWE  
MANUFACTURERS' REPRESENTATIVE SINCE 1973

**PUMPS & PACKAGE SYSTEMS**  
PLUMBING, HVAC, FIRE PROTECTION  
MUNICIPAL WATER & WASTEWATER  
**PARTS & SERVICE**  
FACTORY TRAINED TECHNICIANS

97 C Monocacy Blvd  
FREDERICK, MD 21701  
(301)682-3390 ~ (800)233-7718  
FAX: (301)682-3391  
INTERNET: [www.sthinc.com](http://www.sthinc.com)

AK INDUSTRIES	CLA-VAL	CONTROL SYSTEMS	CROMAGLASS
GRUNDFOS	F.E. MYERS	PEERLESS PUMP	SYNCROFLO
THERMACO BIG DIPPER		YEOMANS	

STH – *“Providing solutions through system application analysis, sales and service of engineered products”.*

## Chapter Meeting Location

**Washington Chapter** meetings are currently being held at the Olive Garden located on Route 7 (8133 Leesburg Pike) in Tyson’s Corner. Please join us for our **General Meeting May 19th, 2010**  
Call for directions: (703) 893-3175



**All Reservations for dinner are requested by:**  
Noon, Tuesday May 18th, 2010

RSVP to the evite  
Email Chris Barnard <mailto:cbarnardsr@yahoo.com> to be added to mailing list.

Dinner:	Member:	\$28.00
	Non-Member	\$30.00



Please take a minute to notice  
the newest changes on the  
newsletter and web page.

If you have any suggestions or  
comments regarding the  
newsletter or web page, please  
contact Chris Barnard

<mailto:cbarnardsr@yahoo.com>