



Chicago ASPENEWS



Chicago Chapter of the American Society of Plumbing Engineers
Vol. 41, No. 4 November, 2009

General Meeting Thursday November 19, 2009

**The Parthenon
314 South Halsted
Chicago, IL 60661**

FREE Valet Parking!



AGENDA

- 5:30pm-6:30pm** Cash bar, cocktail hour
- 6:00pm-6:30pm** Primer: Seismic Restraints, Hangers and Supports by Nibco/Tolco.
- 6:30pm** Dinner - \$25 Members / \$30 Non-Members

Menu:

Appetizers:
Saganaki
Eggplant Spread
Gyros

Entrees:
Egglemon Soup
Greek Salad
Moussaka
Chicken Riganati
Rotisserie Roast Lamb
Spinach-Cheese Pie

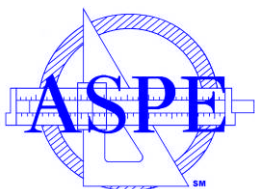
Rice Pilaf
Roast Potatoes

Dessert:
Baklava
Galaktoboureko
Coffee

7:45pm Program: **“Commissioning for Plumbing Systems”** presented by John D. Villani, PE, QCxP of Grumman Butkus/Associates.

RSVP as soon as possible to Frank Sanchez, VP Technical!

- **Return the enclosed card for those of you getting this via US Mail**
- **Phone** 847.316.9251
- **Fax:** 847.328.4550
- **Email** Chicago.ASPE.RSVP@gmail.com



Local Chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Another month has passed and here we sit, ready to get cold, ready for the s-word and ready to be amazed by what ASPE Chicago has in store. Okay, maybe I am being a little dramatic. Regardless, I am happy to say that we are off to a really good start this year and have lots of good stuff yet to come.

The Chicago Chapter sent eight people to the Technical Symposium in Dearborn. While there, I saw a few other Chicago Chapter members including the two on the Society Board. It was a good showing. We got there a little too late on Thursday to see the product show but I heard it was quite good. There was a variety of seminars. Of note, I attended one called Making Sewage Sanitary. In there, we discussed the water crisis. Yes, there is a crisis! We do not feel it so bad; but, there are places in the US that are dealing with sky high water prices and frightening shortages of water. It's true! After discussing the situation and hearing some scary numbers, we broke into groups who each dealt with a different aspect of the crisis and what we can do to reduce usage, reuse waste water and get our governments to enforce more stringent legislation to help us save the water we have. It was very interesting and a great example of the kinds of seminars at an ASPE Technical Symposium.

So, what's going on in Chicago? Well, we have another excellent technical program coming up at our November meeting and it is in an area many of us do not know about – commissioning. It should prove to be entertaining and informative. Not only is this our last meeting before Thanksgiving (ALREADY) but it is also going to be the meeting where we do our annual collection for **Toys for Tots** – www.toysfortots.org. More families are struggling this year than in the past SEVERAL years. Lots of children will be experiencing some pretty lean Christmases if they receive anything at all. I ask that if you can spare a few bucks, please bring a new toy that is not giftwrapped (since the Marines will separate them by age and gender). Some quick Toys for Tots notes: (1) They are looking for toys for children 2-12 years old and (2) the average donation for a child is 2.2 toys – e.g. if we collect 220 toys, we help 100 kids!! If you have any questions about the Toys for Tots program, please check out their website shown above or drop me a line and I will be MORE than happy to tell you what I know!!



We have **Booster Night** coming up in December. For those who don't know, that is ASPE Chicago's holiday party. There will be food and drink aplenty. And we have lined up some quality entertainment. Affiliates – please watch your email for a Booster Night letter from Affiliate Liaison Mick Bradford!

Thanks to all of you for your continued support and for your attendance at meetings. We hope to see you at Parthenon on November 19!

Jason McDonald, President
jsm@grummanbutkus.com; 847 316.9204

CHAPTER OFFICERS

PRESIDENT

Jason McDonald, CPD
Grumman/Butkus Associates
847 316.9204
jsm@grummanbutkus.com

VICE PRESIDENT TECHNICAL

Frank Sanchez, CPD
Grumman/Butkus Associates
847 316.9251
fxs@grummanbutkus.com

VICE PRESIDENT LEGISLATIVE

Rick Butler
Lochinvar
815 477.9983
rbutler@lochinvar.com

VICE PRESIDENT MEMBERSHIP

Mark Mannarelli
Environmental Systems Design
312 456.2354
mmannarelli@esdesign.com

TREASURER

Sean Allard, CPD
Environmental Systems Design
312 580.0533
sallard@esdesign.com

ADMINISTRATIVE SECRETARY

Natalia Dankanich
Grumman/Butkus Associates
847 316.9208
nkd@grummanbutkus.com

CORRESPONDING SECRETARY

Peter Wu
peterwu83@gmail.com

AFFILIATE LIAISON

Mick Bradford
Miller Sales
630 458.8816
mick@miller-sales.com

EDUCATION CHAIRMAN

Dan Fagan, PE, CPD
OWP/P
312 960.8301
dfagan@owpp.com

NEWSLETTER EDITOR

Ben Rubach, PE, CPD, LEED AP
dbHMS
brubach@dbhms.com
312 915.0557 x222

WEBMASTER

Jim Moynihan
Chicago Technical Sales
630 889.7121
CTSalesInc@aol.com

GOLF OUTING CHAIRMAN

Steve Triphahn
W-T Engineering, Inc.
847 895.3640
steve.triphahn@wtengineering.com

HISTORIAN

Donald Johnson

WEBSITE

<http://www.aspe.org/Chicago>
("C" is required)

TECHNICAL REPORT



OCTOBER MEETING RECAP

Previous Primer: BIM and Revit Technologies by CADworks.

This was a **hot** topic! We are all feeling the growing pains of new technologies; they require staff training and very powerful computers. Also, owners and contractors are requesting more Revit projects and unfortunately the fee is not increasing. CADworks provided answers and suggestions to engineers and manufacturers during this short session. Contact them at <http://www.cadworks.net/> if you have additional questions. Tell them that “El Tico” sent ya’.

Previous Technical Presentation: LEED and Green Building Rating Systems by David “el presidente” DeBord.



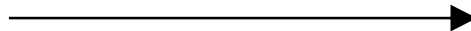
We all know David enjoys the roaring of motors and high RPMS! He is a popular BMW racing instructor and maybe you have seen him jumping one or two red lights in the City. However, he certainly slowed down for us and took his time to review the new LEED V3 rating systems.

He provided very interesting data on water consumption, green definitions and answered questions from the audience throughout. More importantly, he covered the real reason why we have a strong “Green Design Movement”, that is to protect our natural resources.

He briefly mentioned the controversial greenhouse effect; a claim that the Earth is heating due to the presence of water vapor, carbon dioxide, methane, nitrous oxide, ozone and CFCs. However, whether or not these gases are heating up Gaia (mother earth); we are definitely abusing our resources, a practice that is unethical and immoral. Here is where we come into play. As engineers, we have the power to make a difference and LEED could be a very useful (and popular) tool.

There is much more to discuss on the matter. Fortunately, I attended an excellent seminar at the past 2009 Technical Symposium that covered a very similar subject. By the way, I did not see you!!! Why not? Those seminars were excellent! Anyway, it is my intention to expand this topic during our upcoming 2010 ASPE Chicago Chapter Product Show. This will be the greatest product show in post-glacial history!!!

Here are some interesting charts that David discussed during his presentation. As you can see, the LEED V3 now has 100 total points in comparison to the 64 maximum points that it carried in the past. This is due to the “credit weighing.” LEED V3 rating is trying to reflect more efficiently the equipment cost and its environmental impact.



Comparison of Maximum Points Awarded between LEED-NC v2.2 ₂ & v3		
Category	LEED-NC v2.2 ₂	LEED-NC v3 (released April 2009)
Sustainable Sites	14	26
Water Efficiency	5	10
Energy & Atmosphere	17	35
Materials & Resource	13	14
Indoor Environmental Quality	15	15
Total points	64	100

Now, that you know about the new point system. Here is how the Certification rating was affected.

LEED Certification between LEED-NC v2.2 ₂ & v3		
Category	LEED-NC v2.2 ₂	LEED-NC v3 (released April 2009)
Certified	26-32 points	40-49 points
Silver	33-38 points	50-59 points
Gold	39-51 points	60-79 points
Platinum	52-69 points	80+ points

David also mentioned the lack of water in other parts of the world. I was struck by the fact that **every day**, nearly **6,000** people who share our planet die from water-related illnesses, and the vast majority are children, 250 people per hour! In the past, ASPE Chicago supported entities like Water for the People (<http://www.waterforpeople.org>) and we may do it again.

By now you can clearly see that conservation is one of my favorite topics and I can talk/write about this all day. Fortunately for our readers, the ASPENEWS Editor will not let me do it. However, this just gave me an idea; look for it at the end of this newsletter, **Green Tips for Engineers.**

NOVEMBER MEETING

Primer: Seismic Restraints

There is a plethora of seismic restraint braces available, ranging from clamps to rod stiffeners to 4-way longitudinal braces. For our primer session, **TOLCO / NIBCO** will bring a few samples of these seismic brace attachments for us to inspect.

In the US, the International Building Code requires the use of seismic restraints for hospital and healthcare facilities even in areas with relatively low seismic activity. The IBC code is not a government mandate; however, all states are expected to adopt the codes and FEMA will withhold emergency funding for states that fail to comply.

If a building is still standing after an earthquake, systems or components within that building labeled EMERGENCY, such as an emergency generator system, must continue to function. Refer to seismic use groups III (IBC-2000) and IV (IBC-2003/2006) for buildings and other structures designated as essential facilities such as hospitals, fire/rescue/police stations, shelters, etc.

The cost of properly restraining the building's piping and equipment is insignificant when compared to the costs associated with repair, replacement and system downtime as a result of seismic damage.

Technical Program: Commissioning for Plumbing Systems

For our November meeting, we will have an expert in commissioning, John D. Villani, PE from Grumman/Butkus Associates. Mr. Villani is responsible for the management and execution of Grumman/Butkus Associates' commissioning projects and conducts all phases of commissioning design with numerous clients.

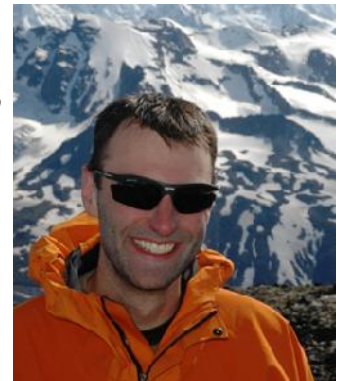


He graduated from State University of New York Maritime College, BE in 1992. John earned his undergraduate degree at SUNY Maritime College and earned his US Merchant Marines 3rd Assistant Engineer license from the US Coast Guard. During the Persian Gulf War, John worked as a ships mechanic on the SL-7 US Fast Sealift Ships. Mr. Villani is a Professional Engineer in Illinois, New York, Connecticut, LEED® Accredited Professional and Qualified Commissioning Process Provider (QCxP). Also, he is Certified Energy Manager (CEM) and Green Building Engineer (GBE).

Commissioning is a process of ensuring that building systems are designed, installed and tested to perform according to the engineer's intent and the owner's needs. Consequently, this process enhances the quality of the project and improves communication between team members while reducing RFI's that may delay the construction schedule. Mr. Villani will explain in more detail the functions of a commissioning agent and will review what areas of the plumbing systems are to be included in this process.

The United States Green Building Council's Leadership in Energy and Environmental Design (LEED) program requires that a building be commissioned as a prerequisite for certification. The green design movement promotes the use of innovative and complex plumbing systems like rain water harvesting, gray water collection, solar water heating and low flow fixtures. Therefore, commissioning is a great tool to avoid any issues during design and construction ensuring that the owner will receive a building that will satisfy the occupants' needs.

Frank Sanchez, CPD; Vice President Technical
fxs@grummanbutkus.com; 847 316.9251
Reduce, reuse, recycle... Rethink.



AFFILIATES—BOOSTER NIGHT

Booster Night is almost here. This is the best meeting of the year! You should have received an e-mail with the letter asking for contributions to help defray the costs for the night. Feel free to contact your manufacturers and ask for a contribution. There will be sponsorship recognition at Booster Night. Look forward to seeing you at there!

If there is anything you believe needs to be brought to the attention of the Board, let me know and I'll bring it up at our monthly meeting.
Thank You,

Mick Bradford, Affiliate Liaison
mick@millersales.com, 630 688.2635



HELLO AGAIN FROM YOUR FRIENDLY V.P. MEMBERSHIP!

Although we have no new members this month, we DO have one new Chapter and that is Puerto Rico. Chicago is still the largest Chapter in the ASPE organization

I had the pleasure of attending the ASPE Symposium in Detroit that saw a drop in attendance due to the economic situation. I did see some old friends from distant chapters such as Florida, California, Dallas and naturally Michigan.

I did get to go to the Iowa Michigan State game that was a nail bitter until the end with no time remaining on the clock with Iowa ending up victorious.

Remember when you see a person you do not know at a monthly meeting introduce yourself, say hello and let them feel welcome with the Chicago Chapter.

Again, if any one that you know needs help with their dues renewal ASPE National has a "**compassion waiver**," program which allows a member to maintain their membership over a three-month period and at the end of the third month they can renew at a discounted renewal rate. So, please let the Chapter help you!

Please let us help you in these rough times. This is what we (CHICAGO) are about. **Helping** each other!

Thanks,

Mark Mannarelli, Vice President Membership
mmannarelli@esdesign.com; 312 456.2354



TECHNICALLY SPEAKING

ASPE, since its founding has held membership and education as its two most important themes.

Accordingly, Society has:

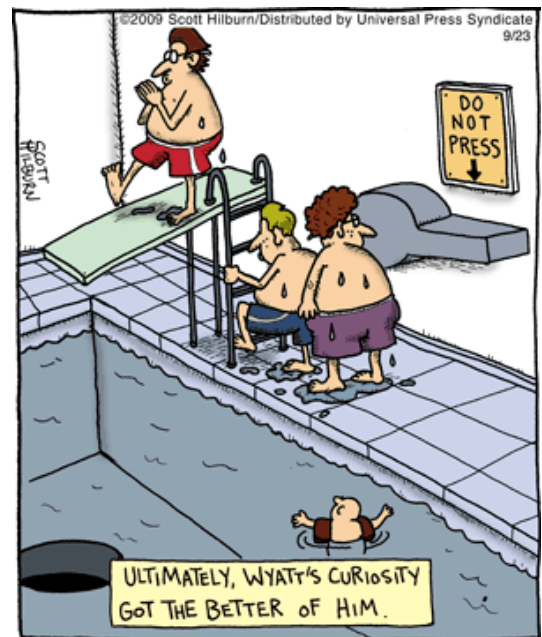
- Technical seminars at the biennial Conventions,
- Data books and design manuals,
- Technical Symposia – the Symposium in Michigan is the 11th and PS&D magazine.

The Chicago Chapter has:

- Technical speakers at the monthly dinner meetings,
- Technical seminars at the annual Product Shows
- Plumbing design classes and
- Participation in Society items above.

Good thing we're all so educable.

Don Johnson, Chapter Historian





A STEP IN THE RIGHT DIRECTION!



I know I have heard plenty of discussion of “PE” status for plumbing engineers within our Chapter. Currently, all we have as plumbing engineers in Illinois (and most of the country) is the CPD. The following is proposed legislation in Massachusetts that, if voted into law, would give plumbing engineers in that state more responsibility and more respect. Hopefully Illinois will take a look at this and put something together soon for you guys and gals.

The Commonwealth of Massachusetts

In the Year Two Thousand and Nine

AN ACT RELATIVE TO PLUMBING ENGINEERS

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

- 1 SECTION 1. Notwithstanding any general or special law to the contrary, the board of
- 2 registration of professional engineers and land surveyors, established under section 45 of chapter
- 3 13, shall promulgate rules and regulations to establish and certify the registration of a class of
- 4 engineer specifically trained in plumbing.
- 5

PS&D Magazine

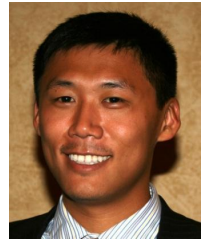
In my September article I discussed Codes and Standards. Well, when reading OUR magazine, PS&D, there were a few articles discussing changes in codes. Additionally on page 10, there is a great article written by Joseph V. Messina, CPD discussing codes and standards.

I encourage all of you to read this article, and continue to review the magazine for code and standard issues. Then I will not have to write any more articles for the newsletter!

Finally, I would like to thank Jason Herber for donating his part of the 50/50 raffle back to Toys for Tots! Now I will have even more fun buying toys for all the kids, since my older ones just want money, gift cards, or iTunes cards. Make sure to bring lots of toys to the November meeting!

Rick Butler, Vice President Legislative
rbutler@lochinvar.com; 815 477.9983

WHAT'S HAPPENING



A few things coming up that might prove to be worthwhile:

Plumbing Industry Calendar

There is a calendar listing the meetings and events for several plumbing organizations including ASPE Chicago. Go to www.piccal.org and check it out regularly!

SFPE, www.chicagosfpe.org

November 24, 2009

Clean Agent Systems: Fire Testing, Design and the Approval Process

Janus Fire Systems, 1102 Rupcich Drive, Millennium Park, Crown Point, IN 46307

- * Registration begins at 9:30 a.m. on November 24th
- * Seminar Adjournment by 3:00 p.m.
- * Lunch is included
- * Course is worth 5 PDH's
- * Only \$50

SCHEDULED PRESENTERS

Dan Hubert , FPSE, PE - Director of Product Development

Jessica Dahl, FPE - Senior Project Engineer

COURSE SUMMARY

This one-day seminar is for the practicing fire protection engineer or safety/risk control professional who is dealing with hazards that can be protected by clean agents.

This seminar covers the fire testing, component testing, flow software approval testing, and design of such systems. A tour of the Janus facility will also be included.

Janus Fire Systems is a fire suppression system manufacturer and they also integrate, design, and install nearly all types of fire protection systems (FM-200(r), High and low pressure CO2, Foam, Victaulic Vortex, Water based and sprinkler systems, and Alarm and detection) for most applications.

Register - <http://www.chicagosfpe.org/2009SeminarFlyer.pdf>

For more information, contact Jessica Dahl; 219 310.2216; jhubert-dahl@janusfiresystems.com

If you ever know of events that might interest or benefit your fellow ASPE Chicago members, please let me know!

Peter Wu, Corresponding Secretary
peterwu83@gmail.com

GREETINGS FROM YOUR ADMINISTRATIVE SECRETARY!

I hope all of you are enjoying the beautiful weather we are having so far, because it won't last long. Last meeting we had a 50/50 raffle to benefit Toys for Tots, a charity who collects new toys and distributes them as Christmas gifts to needy children in the community. Thanks to everyone who participated in this raffle and special thanks to Jason Herber of Victaulic, who won the 50/50 raffle and donated his winnings back to Toys for Tots . Matt Keller of Riddle Associates won a free dinner. Congratulations guys! I hope you all had a happy and safe Halloween! I'll see you all in November.



Natalia Dankanich, Administrative Secretary

nkd@grummanbutkus.com; 847 316.9208

SYMPOSIUM EXPERIENCES:

From Val Kurdaliev:

ASPE Chicago Chapter,

I would like to thank you for the opportunity to attend the Technical Symposium in Dearborn this year. The Symposium was well advertised and I expected it to become ASPE's event of the year.

The seminars introduced a wide range of topics and the presentations were on a high level. I was glad to notice that the lecturers addressed advanced technologies and discussed "hot" issues. The seminars that I would like to mention as well organized and informative are "Rainwater Harvest Systems" and "Residential Fire Protection Systems".

Although some topics were brand new for the Plumbing Industry, the presenters were well prepared and their research was thorough. The attendees were able to choose among several workshops to help them understand and prepare for exams, such as LEED and CPD. I ought to mention, that I liked the Chicago Chapter CPD exam prep course more than the national one.

Last, but not least I enjoyed meeting old friends and made some new ones. In general, for me, the Symposium in Dearborn was a great educational experience.

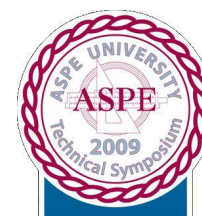
Val Kurdaliev

From Joe Ficek:

Although the weather was cold, wet & rainy, the comradery & the friendships acquired through time made the travel well worth it. It was good seeing old friends, catching up & discussing how much work each other has (if any). Once again ASPE put together a fine event. The seminars were on timely topics and most were well presented. My only comment is that it seemed like the 3 hour time slots were a bit too long for a few topics as the seminars wandered from their descriptions. Overall, it was worthwhile. There is no better place to find plumbing related information & seminars.

Joe Ficek, Past President

jff@grummanbutkus.com; 847 316.9222



GREEN TIPS FOR ENGINEERS



Do you remember that great song by The Police, Message in a Bottle?

**Walked out this morning, don't believe what I saw
Hundred billion bottles washed up on the shore**

Well, the song was awesome, but unfortunately a castaway will have a hard time trying to find the "message in a bottle" these days. Because most of those bottles will simply be garbage. Good luck searching for that bottle Sting!

On the other hand, we all know that these are difficult economic times. Believe it or not, there are tons of ways we can save money on unnecessary expenses. The following spreadsheet may help you save a buck or two.

Bottled Water Cost Calculator

<http://www.newdream.org/water/calculator.php>



How much water do you drink?

Enter the total number of 16 oz. bottles of water you drink in a year:	365
Cost of Tap Water per Gallon: (In Chicago is around \$2.00 per 1,000 Gallons)	\$0.002
Cost of 16 oz Bottle of Water: (Double it if you buy water that speaks "French")	\$2.00

Environmental Impact:

Total Water Consumed:	57 gallons
Extra Water Required for Production and Purification:	114 gallons
Energy Required for Manufacturing:	37 megajoules
Oil Required to Produce the Plastic Bottle(s):	9 gallons
CO2 to Manufacture Plastic Bottle(s):	68 pounds

Your Extra Cost for Bottled Water: \$729.27 per year!

What can you do as a Plumbing Engineer?

First of all, stop buying bottled water, most of the time it is the same tap water you have at your house. Then you could get yourself a stainless steel bottle and put a nice ASPE sticker on it. With the money you will save in the next two years, you will have more than enough to purchase a ticket to the **ASPE Engineered Plumbing Exposition in 2010!**

Remember that codes require the bare minimum. Even though Plumbing Codes require water coolers, you could specify a cup or glass filler at the pantry sinks. If water quality is a concern, you should provide a carbon filter or a carbon/RO system. This could cost less than \$200 and you can contribute to protecting our environment. It is a shame we don't get LEED points for this, but your children will thank you. As always, feel free to contact me if you have any questions or comments,

Frank Sanchez, CPD; Vice President Technical

fxs@grummanbutkus.com; 847 316.9251

Reduce, reuse, recycle... Rethink.

AS I KNOW IT - LEED 2009 CREDITS

The rating system changed quite a bit with the rollout of LEED V3 for 2009. The current point structure for the Water Credits is:

2009 LEED POINTS FOR WATER CREDITS		
CREDIT ID#	CREDIT DESCRIPTION	POINTS
PreReq 1	Water Use Reduction, 20% Reduction *Required*	0
Credit 1.1	Water Efficient Landscaping, Reduce by 50%	2
Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	2
Credit 2	Innovative Wastewater Technologies	2
Credit 3.1	Water Use Reduction, 30% Reduction	2
Credit 3.2	Water Use Reduction, 40% Reduction	2
Total Water Use Reduction Points		10

To calculate the percentage of water reduction, we can use the LEED Template for the project. It is stored online. When you are working on a LEED project, the Project Administrator starts the project and sets it up online at USGBC. Then the team members are invited to join the team and they can work on the templates online. If the project is not yet online or we just want to get some numbers before the project gets to that level, we can make spreadsheets to calculate the water savings ourselves. Here is one example:

OFFICE OCCUPANCY										
BASELINE										
FIXTURE	TYPE	GF	GM	TIME	GAL/USE	USES PER MALE	USES PER FEMALE	TOTAL GPD	USERS EACH SEX	TOTAL GPD
WC	FV	1.6				1	3	6.4	3,000	19,200
UR	FV	1				2	0	2	3,000	6,000
LAV			0.5	0.25	0.125	3	3	0.75	3,000	2,250
SH			2.5	10	25	0.2	0.2	10	3,000	30,000
SINK			2.5	0.25	0.625	1	1	1.25	3,000	3,750
TOTAL								20.4	GAL	61,200

DESIGN										
FIXTURE	TYPE	GPF	GPM	TIME	GAL/USE	USES PER MALE	USES PER FEMALE	TOTAL GPD	USERS EACH SEX	TOTAL GPD
WC	FV	1.28				1	3	5.12	3000	15,360
UR	FV	0.5				2	0	1	3000	3,000
LAV			0.5	0.17	0.085	3	3	0.51	3000	1,530
SH			1.5	10	15	0.2	0.2	6	3000	18,000
SINK			1.5	0.25	0.375	1	1	0.75	3000	2,250
TOTAL								13.38	GAL	40,140
TOTAL SAVINGS								7.02	GAL	21,060
% SAVINGS								34.4118	%	34

This example is for an office building and uses the same “uses per day” s the LEED template expects for the toilets, lavs, and urinals. Showers need to be computed differently because every occupant is probably not using the showers. Depending on your specific project, you need to come up with a number that makes sense. There is no “standard” for this, but as always, the number of users and uses listed in the “design case”, must match those listed in the “baseline case”.

There are some related credits in the areas of stormwater design and energy conservation. There are also some “bonus points” available under the new Regional Credits section. These Regional Credits are listed, based on the zip code where the project lies. For new construction (NC), in Chicago, 60601, we have the following credits available:

60601 SSc4.1 SSc5.2 SSc6.1 SSc6.2 SSc7.2 IEQc2

Sustainable Sites

1. SSc4.1 Alternative Transportation – Public Transportation Access
2. SSc5.2 Site Development – Maximize Open Space
3. SSc6.1 Stormwater Design – Quantity Control
4. SSc6.2 Stormwater Design – Quality Control
5. SSc7.2 Heat Island Effect - Roof

Indoor Environmental Quality

1. IEQc2 Increased Ventilation

Up to four of these six bonus points may be selected and listed on the LEED Credit Templates. LEED for Existing Buildings (EB) is slightly different.

We can't tell you everything that you need to know, in this limited space, to maximize the LEED credits, or to make you an "expert", but this is the essential basics. For additional information please visit the USGBC.org web site. There are many useful tools there.

David DeBord, Past President

ddebord@esdesign.com; 312 456.2359

OCTOBER 2009 MEETING ATTENDANCE

The following list of individuals attended the October 2009 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to 0.75 RU's towards the required 24 RU's needed every two years to maintain CPD registration. Meeting attendance is also recognized by the Illinois Department of Professional Regulation to count as 1 PDH towards the required 30 PDH's needed every two years to renew Professional Engineering licenses.

This printing constitutes our record of who was in attendance. We apologize for any misspelling of names and ask that for future sign-ins, please print legibly. Thank You!

Sean	Allard	Bob	Jackson	Frank	Sanchez
Tom	Babcock	E.J.	Kedzie	Chris	Sbarbaro
Erich	Bacher	Matt	Keller	Jeff	St Onge
Dee	Vargas	Mark	Kaulas	Chris	Wisinski
Steve	Bennett	Phil	Kroll	Kevin	Zaleski
Jeremy	Blazker	Val	Kurdaliev		
Tom	Brown	David	Lehman		
Rick	Butler	Lindsey	Lehman		
Madrio	Castro	Joe	Leonard		
Todd	Cooper	Steve	Lipsey		
Ken	Cutler	Ed	Lizhden		
Mike	Dailey	Mark	Luczak		
Anthony	Dauginas	Mark	Mannarelli		
Natalia	Dankanich	Jason	McDonald		
David	DeBord	Paul	McLafferty		
Tom	Dolan	Scott	Mike		
Jim	Feeney	Harold	Miller		
Joe	Ficek	Greg	Nagrant		
Otton	Finiewicz	John	Nowakowski		
Bryan	Fonseca	Howard	Pawlak		
Paul	Gangloff	George	Pagach		
Tony	Garcia, Jr.	Michael	Ponx		
Albert	Gehrke	Jason	Romano		
Jason	Herber	Tom	Ronan		
Mike	Imaoka	Ben	Rubach		

2009-2010 ASPE Chicago Meeting Schedule

Date	Primer	Technical	Location
September 17, 2009	<i>ASPE Society Update : Tim Smith, Metro Design.</i>	<i>CSI MasterFormat: Presented by Randall Chappel, Associate Principal at Goettsch Partners</i>	<i>Costa's 340 South Halsted Street Free Valet Parking</i>
October 15, 2009	<i>BIM Overview - 3D Coordi- nation Walkthrough - CAD- WORKS</i>	<i>New LEED Green Building Rating System - David E. Debord, Envi- ronmental Systems Design</i>	<i>La Villa 3638 North Pu- laski Free Parking</i>
October 23-25, 2009	<i>ASPE Technical Symposium</i>		<i>Dearborn, MI</i>
November 19, 2009	<i>Seismic Restraints, Hangers and Supports by Tolco</i>	<i>Commissioning for Plumbing Systems - John Villani, Grum- man/Butkus Associates</i>	<i>The Parthenon 314 S. Hal- sted - Free Valet Parking</i>
December 17, 2009	<i>Booster Night Special Entertainment</i>		<i>La Villa Restaurant & Piz- zeria</i>
January 21, 2010	<i>Joint Meeting - City of Chicago Inspectors Open Forum</i>		<i>Suburbs Location</i>
February 18, 2010	<i>Piping Identification</i>	<i>Legionella Prevention Systems</i>	<i>Alternate Venue or Parthe- non</i>
March 18, 2010	<i>Piping for High-Purity Water Systems</i>	<i>RO and DI Water Systems Ap- plications</i>	<i>La Villa 3638 North Pu- laski Free Parking</i>
April 15, 2010	<i>39th Annual ASPE Chicago Product Show and Seminars</i>		<i>White Eagle - 6839 N Mil- waukee Ave, Niles, IL 60714</i>
May 20, 2010	<i>Fire Wall Ratings and Firestopping</i>	<i>Fire Protection Basics: Occu- pancies, Definitions and Basic Layout</i>	<i>Alternate Venue or La Villa</i>
June 18, 2010	<i>Annual Golf Outing</i>		<i>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</i>
July 17, 2010	<i>5th Annual Kenneth G. Wentink Memorial Ride to the Rock</i>		<i>Glen Ellyn, IL to Starved Rock State Park</i>