



# CT ACHMM NEWSLETTER

Volume 8, Issue 1 February 2010

[www.ctachmm.org](http://www.ctachmm.org)

## Treasurer's Message

Stuart Manley  
CT ACHMM Treasurer



I want to start out my message talking about the payment of our Chapter dues. In 2009, many of us were confused about payment of the local chapter dues versus the Alliance of Hazardous Materials Professionals (AHMP) dues. First, the Connecticut Chapter of ACHMM (CTACHMM Inc. - the Chapter) participates in the AHMP Combined Billing program. This program was established for the convenience of CHMMs that are members of both organizations. Through this program, only one invoice is paid to cover the dues for both the national and local organizations. Due to technical limitations in the previous AHMP invoicing process, it was difficult (or impossible) for people to add the local chapter dues to their AHMP invoice.

The good news is that AHMP heard the complaints and has implemented a new and much improved process. Please note that everyone must check to ensure the CTACHMM dues have been added to your invoice, it may not automatically be included and it is not part of the AHMP dues.

For those of you that are not AHMP members and/or want to pay the CTACHMM dues directly, please send your checks payable to CTACHMM, Inc. to the Chapter mailing address at: PO Box 280, East Glastonbury, CT 06025. Or you can pay your dues at the next Chapter event (and pay the member rate to attend!).

### Why Become a Chapter Member?

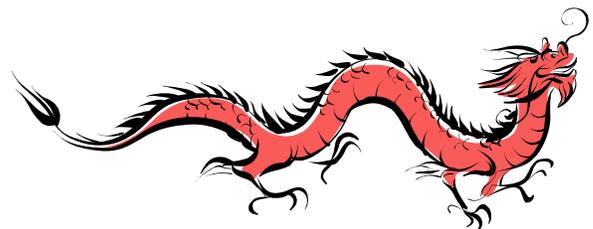
As stated in the Chapter By-laws, the Chapter's mission statement is to:

“locally support the national organization's mission of peer interaction, education and training, and professional development for Environmental, Health and Safety professionals.”

The Chapter literally "puts its money where its mouth is" in order to implement this mission. It has been a long-standing practice of the Chapter to partially subsidize the **Participation** (with a capital "P") of members at all general chapter meetings. As a result (and as presented below), the Chapter typically loses money at each chapter meeting. The Chapter leadership strongly believes that the investment of encouraging **Participation** by our Chapter membership meets the goal of our mission statement.

*Continued on page 2.....*

## Happy New Year!



However, we set a new precedent for **Participation** in 2009. As a way to ensure a Chapter delegate will represent us at the annual AHMP conference, the Chapter Board has approved to sponsor a portion of the travel costs of the Chapter Delegate to attend the annual conference. We believe the most appropriate individual to represent the Chapter is the Vice President/ President Elect (VP). As you may know, the fee to attend the conference by the delegate is waived by AHMP. Now, with the Chapter further defraying the costs, **Participation** by the delegate is well within reach – even in these difficult economic times. Not only does the VP have a chance to develop their leadership skills and increase their professional network through the Chapter, he/she also has the added benefit of **Participation** on the National level.

#### 2009 Fiscal Summary

We started the year with approximately \$1,900 cash on hand and we received approximately \$1,300 in voluntary Chapter dues. However, we incurred (\$1,150) in expenses for our general membership chapter meetings and an additional (\$1,200) in operating expenses. In summary, we realized an operating loss of approximately (\$1,050) and currently have approximately \$850 cash on hand. Please note that CTACHMM Inc. is a recognized 501(C)(3) non-profit organization and our annual tax returns are available upon request.

#### 2010 Projections

The above summary makes it very obvious - the Chapter will not be able to continue to operate business as usual.....without your **Participation**. As you can see, the message comes full circle. Our only revenue stream is entirely comprised of the voluntary dues collected each year. The 2010 revenue projection is that Chapter dues contributions will be similar to the 2009 levels. Without the **Participation** of paying members in our Chapter, we will not be able to continue to

offer the excellent professional events and technical meetings at the same level we have in the past. We plan to reduce our 2010 operating costs so that we become revenue neutral.

To that end, if you are not already a member, I ask you to join our chapter. For current members, I ask that you ensure that your dues are paid and to promote Chapter membership among your peers. We have a great chapter and active Chapter members truly “get their money’s worth!”

**Stuart**

#### ***CTDEP issues Tentative Determination to renew General Permits***

*The Connecticut Department of Environmental Protection has issued a Tentative determination to renew without modifications the following General Permits: Groundwater Remediation Wastewater to a Surface Water; Water Treatment Wastewater; Hydrostatic Pressure Testing Wastewater; and Minor Non-Contact Cooling and Heat Pump Water. The proposed renewal will be for a five year period. Written comments are due by February 19, 2010.*

*Current registrants will need to submit a re-registration form on a schedule to be determined by the Commissioner. This renewal will be for a five year period. The fee for such general permits shall be as specified in 22a-6(f) of the Connecticut General Statutes, as amended by September Special Session, Public Act 09-08, Section 35.*

*This public notice and the current permit are available on the DEP website at [www.ct.gov/dep/publicnotices](http://www.ct.gov/dep/publicnotices). Persons unable to access the information at the website may request a paper copy of the permit by calling (860) 424-3018 from 8:30 a.m. - 4:30 p.m., Monday through Friday, by emailing Lilly Molina at [lilly.molina@ct.gov](mailto:lilly.molina@ct.gov) or by writing to her at the address in the following paragraph. Prior to making a final decision, the Commissioner shall consider written comments on the proposed renewal of this general permit from interested persons. Comments should be directed to Art Mauger, P.E., Department of Environmental Protection, WPED/Bureau of Materials Management and Compliance Assurance, 79 Elm Street, Hartford, CT, 06106-5127. All comments should be in writing and may be submitted by post, facsimile to (860) 424-4074, or by electronic mail to [art.mauger@ct.gov](mailto:art.mauger@ct.gov).*

## Pervious Concrete and Asphalt Pavement Installations at the University of Connecticut, Storrs Campus

Jim Pietrzak, P.E., CHMM – Senior Project Manager,  
Architectural and Engineering Services

The University of Connecticut has completed the installation of both Pervious Concrete Pavement and Pervious Asphalt Pavement at the Storrs Campus. The University seeks stormwater management technologies that reduce impervious surface runoff in campus waterways. These pervious pavement systems replace the traditional asphalt pavement and associated storm drainage. Design and contract administration was conducted by BL Companies, Inc. with design input from the University's Office of Environmental Policy.

The University chose a "passive" design for the pervious pavement based on the soil's drainage capacity. A passive design allows for natural infiltration into the soils below but also has an overdrain to allow excess to enter the University's storm water system.

### Pervious Concrete Pavement Installation at Field House Parking Lot

**Description:** Pervious Concrete Pavement Installation at the Field House Parking Lot consisted of paving the Field House Parking Lot at Hillside Road located at the University of Connecticut, Storrs, CT. Construction included the use of pervious concrete pavement. The pervious concrete complies with ASTM C94/C94M. Bids were received in July 2009 and final project construction cost was approximately \$250,000. The project consisted of the installation of 12,900 square feet of pervious concrete pavement.

**Scope of Work:** Site work included the preparation, paving and curbs, site drainage, site improvements, lawns and plantings. The contractor placed 6" of pervious concrete over 12" of washed stone in 15' by 15' sections. A powered roller screed was pulled across the concrete to provide a smooth, porous surface. The plans included were lighting and improvements, as well as removal of all debris caused by the Contract. The protection of the public, building, and grounds from damage during this contract was the responsibility of the Contractor for this project at all times.

Design Mix:

- Cement 600 lbs/cy
- 3/8" Stone 2,900 lbs/cy
- Water 168 lbs/cy
- A.E.A. 0.1

*Continued on page 4....*



*Congratulations to Ron Robbins, CHMM who was the first to correctly identify where Elsa Payne went on her summer vacation. It is Kilauea Point Lighthouse, Kauai, Hawaii, built in 1913.*

*Ron said he solved the mystery by looking at hundreds of photos of lighthouses on the Internet. "I looked at several websites, but finally found a website that had data and pictures of most every lighthouse in the world. I narrowed the list down by sorting the lighthouses by height and estimating the height of the lighthouse in the picture. Finally I stumbled upon Kilauea Point."*

*Ron received a \$25 gift certificate to Land's End for his perseverance. Thank you to all the other participants who wrote in with your guess.*

*Our CHMM traveler is starting her winter vacation on February 5. This time your challenge is to guess the location below. I will provide some clues when I get back if no one gets it by then. (Some of you may be disqualified if I already told you. Good Luck*



- Water Reducer (Glenium 7500) 4.0 oz/cwt
- Delvo Stabilizer 4.0 oz/cwt cement
- Navitas 10.0 oz/cwt cement

### **Pervious Asphalt Pavement Installation at the Towers Parking Lot**

**Description:** The Pervious Asphalt Pavement Installation at the Towers Parking Lot bids were received in July 2009 and project construction cost was approximately \$259,000 excluding impacted soil removal and disposal. The project consisted of the installation of approximately 11,400 square feet of pervious asphalt pavement.

**Scope of Work:** The work includes sub-grade preparation, installation of the underlying porous media beds, and porous asphalt mix (mix) design, production, and installation. Porous media beds refer to the beds underlying the porous asphalt pavement. Porous asphalt pavement refers to the compacted mix

of modified asphalt binder and aggregate.

**Design Mix:** The porous asphalt pavement specified is modified after the National Asphalt Pavement Association (NAPA) specification outlined in Design, Construction, and Maintenance Guide for Porous Asphalt Pavements, Information Series 131 (2003) and Design, Construction, and Maintenance of Open-Graded Friction Courses, Information Series 115 (2002). Bituminous Pavement Section Base Course (Processed Aggregate Base) consisted of hard, durable processed gravel, free from ice snow, sand, clay, loam or other deleterious material, was uniformly blended, conforming to the requirements of the Connecticut Department of Transportation Form 816, Section M.05.01. Dense graded bituminous concrete surface course or overlay was constructed on a prepared bituminous concrete binder course.



*Completed Field House Parking Lot*



*Field House Parking Lot Initially, July 2009*



*Field House Parking Lot Preparation for Improvements*



*At Field House 6" of Pervious Concrete over 12" of Washed Stone*



*Prior Conditions at Towers Parking*



*Removal of Towers Parking Lot*



*Choker Course Ready for Paving at Towers Parking Lot*



*Pervious Pavement Installation at Towers Parking Lot*



*Pervious Asphalt at Towers Parking Lot*



*Completed Towers Parking Lot*

## 2010 AHMP Leadership Workshop

Effective EHS&S professionals are first and foremost effective leaders.

Over two days, you will learn, develop, and practice skills to make you a more effective leader. This is not a regulatory class or a collection of motivational speeches. This is a leadership skills development session to enable you to become a better leader. By attending this session with other EHS&S professionals you can focus on the unique challenges involved with communicating EHS&S throughout your organization. The Leadership Workshop also provides an excellent opportunity to network with your colleagues and the AHMP leadership team.

**Workshop Website:**  
[www.achmm.org/leadership2010/home.php](http://www.achmm.org/leadership2010/home.php)

### Workshop Agenda

#### The Leadership Imperative

Participants will draw the bright line distinction between Management and Leadership then develop a consensus definition of Effective/Ineffective Leaders based on their own life experience.

#### Organization Simulation: Win As Much As You Can

Through the simulation, the participants will experience how the choices they make and their behavior directly impact organizational results and personal success.

#### Leadership Assessment

Participants will complete the self-assessment instrument. After exploring in detail a leadership model, they will score the assessment to identify their individual preferred leadership style as well as their ability to adapt their style to the needs of the individual follower. As always, participants will be given the opportunity to apply their learnings in the room and plan for application back in the workplace.

#### Listening

Participants will explore and understand the Barriers to Listening, "Not Listening" Behaviors and the Benefits of Effective Listening. They will learn Three Listening Tools and practice using those tools.

#### Discretionary Effort: Feedback, Coaching and Redirecting Behavior

Participants will explore the power contained in the Discretionary Effort Model and how to use Feedback, Coaching and Redirecting to achieve better results through people. Feedback is just information and is critical for use to be effective. Coaching is helping good performers be even more effective and Redirecting is getting poor performers to reach, at the very least, the minimum acceptable standard of performance. Once again, the participants will be practicing the tools learned to increase retention and application.

The state Department of Environmental Protection and the University of Connecticut Center for Land Use Education and Research (CLEAR) have launched a new Web site, Connecticut Environmental Conditions Online, that includes new and accessible online maps and tools for viewing the state's environmental and natural resource information.

The new Web site, [www.cteco.uconn.edu](http://www.cteco.uconn.edu), includes information on protected open space, farmland soils, wetland soils, aquifer protection areas, water-quality classifications, and drainage basins. Each can be viewed separately or in conjunction with other environmental and natural resource information.

The initiative, called, CT ECO, was one of several undertaken following Gov. M. Jodi Rell's "Responsible Growth" executive order Nov. 15, and action during the 2007 session of the General Assembly. These initiatives have been overseen by the Office of Responsible Growth, an interagency office.

CT ECO uses advanced software that combines Internet and geographic information system technology.

CT ECO builds on a previous collaboration between UConn and the DEP, the Community Resources Inventory.

"Our mission at CLEAR is to provide an integrated package of land use research, tools and outreach for local land use decision makers," Gregory Weidemann, dean of UConn's College of Agriculture and Natural Resources, said in a DEP news release.

Douglas Zehner, state conservationist with the Natural Resources Conservation Service, said CT ECO offers new ways for the public to use the service's soils information.

"I'm sure it will result in better land use decisions," he said. CT ECO includes a map catalog, interactive map viewer, advance map viewer with GIS layers and tools and online reference documents that include explanations of natural resource and environmental information, among other features.

**2010 REGIONAL REGULATORY REVIEW :: March 23, 2010 :: Washington, D.C.**

Ronald Reagan Building, Wachovia Room • ASAE & The Center for Association Leadership  
 1300 Pennsylvania Ave, NW • Marriott Learning Complex, Concourse Level • Washington, DC 20005-1103

**Program Agenda**

9:00 a.m.	<b>Welcome &amp; Opening Remarks</b>
9:15 a.m. – 10:30 a.m.	<b>Update on Spill Prevention, Control and Countermeasure</b> Jennifer Schuch, CPEA, CHMM, Project Environmental Scientist, URS Corporation - Regulatory Perspective <ul style="list-style-type: none"> <li>o Focus on regulations specifically and compliance</li> <li>o Discuss changes to regulations and laws</li> <li>o Tools and resources from the agency to assist with education</li> <li>o Changes implemented in January 2010</li> <li>o What do the January changes to the regulations mean?</li> <li>o How to comply with the new requirements</li> </ul>
10:30 a.m. – 10:45 a.m.	<b>Break</b>
10:45 a.m. – Noon	<b>Toxic Substances Control Act</b> Daniel Levine, CHMM, President, Product Safety Solutions, LLC - Regulatory Perspective: "How changes will affect you?" - Practical Application - Present Requirements/Future Directions
Noon – 1:00 p.m.	<b>Lunch on your own</b> (voucher included—valid at 20 onsite restaurants)
1:00 p.m. – 2:15 p.m.	<b>Globally Harmonized System (GHS) of Chemical Classification and Labeling</b> Daniel Levine, CHMM, President, Product Safety Solutions, LLC - Regulatory Perspective – Compliance and Requirements - Practical Application – "What do I have to do now and how do I accomplish it?"
2:15 p.m. – 2:30 p.m.	<b>Break</b>
2:30 p.m. – 3:45 p.m.	<b>Chemical Facilities Anti-Terrorism Standards</b> John P. Farrell Jr., DHS Inspections, Infrastructure Security Compliance Division Overview and Discussion <ul style="list-style-type: none"> <li>- Security Vulnerability Assessment (SVA)</li> <li>- Site Security Plan (SSP)</li> <li>- Inspection Process</li> </ul>
3:45 pm – 4:00 p.m.	<b>Closing Remarks</b>

*This program is eligible for six Certification Maintenance Points from the Institute of Hazardous Materials Management and may be eligible for recertification credit from other industry credentialing bodies. You should submit your certificate of attendance for recertification credit.*

YOU TOO CAN GET PUBLISHED IN THIS NEWSLETTER....  
 WRITE ABOUT A TRIP OR SPECIAL EVENT YOU ATTENDED      INTERVIEW A COLLEAGUE      CRITIQUE A PRODUCT  
 NEXT NEWSLETTER SUBMISSION DEADLINE FOR 2010 MAY ISSUE:      APRIL 20  
 SEND NEWSLETTER SUBMISSIONS TO ELSA PAYNE AT [tpayne@snet.net](mailto:tpayne@snet.net)

## Program Speakers



### **Jennifer Schuch, CHMM, CPEA**

Jennifer Schuch is a Certified Professional Environmental Auditor (CPEA) and Certified Hazardous Materials Manager (CHMM) with 15 years experience as an environmental consultant focusing on compliance and due-diligence. She has worked on projects that include Spill Prevention, Control and Countermeasure (SPCC) plans; Stormwater Pollution Prevention Plans (SWPPPs); Facility Response Plans (FRPs); Slug Control Plans; and Integrated Contingency Plans (ICPs) as well as environmental compliance audits; Phase I Environmental Site Assessments (ESAs) of commercial and industrial properties; Phase II ESAs; and lead/asbestos surveys/abatement.

Ms. Schuch has prepared more than 100 SPCCs, SWPPPs, FRPs and ICPs for various types of clients across the U.S. Representative projects have included a comprehensive revision of the SPCC, FRP and ICP for a major Midwest integrated steel mill in order to comply with updated SPCC regulations and to reflect current facility conditions (including the addition of two new steel processing facilities); national SPCC program management for a national car repair and retail company that involved the review of more than 100 sites for SPCC applicability; and the completion of a combined SPCC/SWPPP for a large magnet manufacturing facility in response to the updated SPCC regulations, including the inventory of 75 SPCC units.

The focus of Ms. Schuch's practice is on developing site-specific response plan templates that fulfill applicable regulations and permit requirements but also are user-friendly and enable a facility to more easily respond to a spill or environmental emergency.



### **Daniel Levine, CHMM**

Daniel Levine, CHMM has worked as an environmental, health & safety (EH&S) professional in the chemical industry for more than 40 years. He spent 31 years with AlliedSignal (now Honeywell International) and was the company's director of product safety and integrity before starting Product Safety Solutions, an independent consultancy, in 1998.

His activities in the area of chemical product safety and hazard communication include his 31-year tenure at AlliedSignal and serving as co-chair of the team that developed the 16-section Material Safety Data Sheet, which is now used internationally. He is a past president of the Society for Chemical Hazard Communication, served on its Board for nine years and now chairs its Web Site Committee.

At AlliedSignal Mr. Levine also was responsible for Toxic Substances Control Act (TSCA) compliance. He also has submitted more than 20 notifications (PMNs) for new chemicals while at AlliedSignal and with his present clients. He has developed model TSCA compliance programs for several clients to ensure they have the tools and resources to remain compliant.

He serves on the Alliance of Hazardous Materials Professionals (AHMP) Professional Development Committee and is a member of the board of AHMP's New Jersey chapter. Mr. Levine earned a B.S. in Chemical Engineering from the Polytechnic Institute of New York University and an MBA from Syracuse University. He has been certified as a CHMM since 1988. He teaches topics in chemical hazard communication and regulatory compliance for clients and organizations. He also has assisted AHMP in updating and maintaining the TSCA module of its Essentials of Hazardous Materials Management (EHMM) course, which is used by more than 30 AHMP chapters across the country.

### **John P. Farrell Jr.**

John P. Farrell Jr. is the acting strategic operations unit chief for the Inspections & Enforcement Branch within the Infrastructure Security Compliance Division (ISCD) in the National Protection and Programs Directorate at the U.S. Department of Homeland Security (DHS). It is the office within DHS responsible for chemical facility security regulations.

In this capacity, Mr. Farrell serves as a technical authority on the Chemical Facility Anti-Terrorism Standards (CFATS) regulation and is responsible for providing advice and counsel to the branch chief, deputy branch chiefs and field operations personnel. He is in charge of managing and coordinating activities pertaining to agency outreach, cross-agency inspections, compliance-assistance visits, corporate outreach, physical-security reviews and site-security reviews of regulated high-risk chemical facilities. Mr. Farrell has served in this role since June 2009 and is one of the original chemical security inspectors under CFATS. He joined DHS in March 2003 and the Office of Infrastructure Protection in 2007.

Mr. Farrell's previous experience includes working with the U.S. Department of Defense, the (former) U.S. Immigration & Naturalization Service (INS) and the Federal Protective Service (FPS).

Mr. Farrell has a B.A. from Framingham State College in Massachusetts, a M.S. in Criminal Justice Administration from Western New England College in Massachusetts and is currently working on an M.S. in Strategic Studies at the National Defense University.