

EWC-ACHMM NEWSLETTER



**Eastern Washington Chapter of
the Academy of Certified
Hazardous Materials Managers**

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<http://users.owt.com/ewcachmm>

Current Officers:

President: Mark Riess
Vice President: Jeanette Hyatt
Secretary: Pat Wicks / Tom Ashley
Treasurer: Mark Kerns
Past President: Andrea Prignano

Committee Chairs:

Professional Development: Mike Schmoltdt
Membership Development: Jim Jewitt
Public Relations: Terry Winward
Awards: Chuck Mulkey
Scholarships: Mark Kerns
Government Liaison: Rampur Viswanath
Webmaster: Sebastian Tindall
Education: Jeannette Hyatt
Newsletter: Roni Swan/Rose Nipper
Past President's Advisory Council:
Chuck Mulkey (Chair), Terry Winward, and
Bruce Vesper

Past Presidents:

2007—Andrea Prignano
2006—Robbie Tidwell
2005—Michelle Y. Mandis.
2004—Chuck Mulkey
2003—R. Terry Winward
2002 – Rampur Viswanath
2001 – Stan Jones
2000 – Roni Swan
1999 – Chris Brevick
1998 – Robert Newell
1997 – Delores Lutter
1996 – Terry Ostrander
1995 – Bill Holstein
1994 – Brian Dixon
1993 – Bruce Vesper

PRESIDENT'S CORNER

The long hot days of the summer are just around the corner. I would like to thank the current officers and committee chairs for their help and support over the past several months. I have been impressed with the willingness of everyone to work together as a team for the benefit of the chapter and our mission.

For those of you that support the Department of Energy Mission at the Hanford site, the next several months are expected to create excitement, confusion and opportunities for all. As USDOE moves forward with the awards for the Mission Support Contract, Plateau Remediation Contract and the Tank Operating Contract many of our members will see their roles change as a result of these new contracts.

The last few months have been filled with very informative general membership meetings thanks to the efforts of Jeanette Hyatt. In addition, Mike Schmoltdt is coordinating the ACHMM Essentials course on June 25-27, 2008 and many of you have volunteered your time for the success of this course. Rampur Viswanath, Chuck Mulkey, Roni Swan, Rose Nipper, Mark Kerns and Jim Jewitt continue to provide a great deal of support to our chapter and I would like to personally say thank you to all.

As part of our commitment for continued growth and team building, I will be visiting with members of the Pacific Northwest Chapter ACHMM on June 3rd to learn about their chapter and to listen to a speaker talk about the Restoration of the Puget Sound. Our Past President Andrea Prignano and several other members are coordinating a visit by Cedric Calhoun from National and he is expected to be in town for our annual awards banquet on December 4th. Great job to all!!

EnergySolutions has come forward as a sponsor of our annual scholarship and I would like to thank Mr. Don Moak for his generosity and for being a champion of this effort. I am looking forward to working with each of you to help distinguish and recognize outstanding individuals and projects as part of our annual banquet. As mentioned, our general membership meetings are great networking opportunities and can provide knowledge about new technologies and projects such as the T-farm barrier project that was presented by Ms. Susan Eberline from CH2M Hill in April.

I am looking forward to the remainder of 2008 and have enjoyed the support provided by our Vice President, Jeanette Hyatt; Secretaries, Tom Ashley and Pat Wicks; Treasurer, Mark Kerns and our Past President, Andrea Prignano. Thank you to everyone that has made this a very enjoyable assignment for 2008.

EnergySolutions Sponsors EWC Scholarship!

Exciting news! EnergySolutions, Northwest Operations, has provided a check for \$1000 in support of the EWC scholarship. Our scholarship is awarded annually to a college or university student pursuing a degree in a hazardous materials management related field. At Hanford, EnergySolutions is involved with baseline technology for the vitrification of tank farm waste for the Waste Treatment Project and, as part of the Fluor Hanford Team, the retrieval, packaging, and disposition of retrievably stored waste from the burial grounds. EnergySolutions notified the chapter in a letter from Don Moak, Vice-President and General Manager. As Mr. Moak noted in his letter, EnergySolutions has several employees who are very active in our chapter, such as Mark Kerns, our Treasurer, and Roni Swan, our Newsletter Editor and a past president. In addition, we were honored to have John Reeves represent EnergySolutions at our awards banquet last December, and Mr. Moak has indicated that EnergySolutions will send representatives this year as well.

With a BIG THANKS to EnergySolutions, the EWC can focus on providing encouragement and support to outstanding college students who will be the future of our profession.

Overview of the Tank Farms RCRA Corrective Action Program Provided at EWC's April Meeting

Susan Eberlein provided a presentation in April to the EWC on Phase 1 of the Tank Farm Resource Conservation and Recovery Act (RCRA) Corrective Action Program. Susan is currently the Director of the Vadose Zone Program at CH2M HILL Hanford Group. Her background includes technology development for the early tank waste characterization projects at Hanford. In addition, Susan worked at Savannah River and Rocky Flats on various environmental remediation projects and continues to have an interest in the application of new technologies to protect workers and with remediation of environmental problems.



Susan discussed the borehole samples that have been going on at the BX tank farm and described some other sampling techniques, including "direct push." She brought examples of some of the sampling tools that are used and those were passed around the room for inspection.

She discussed the surface geophysical exploration being conducted. In addition, the evaluation of the migration of the contaminants continues, along with the testing and validating of the technology. The laboratories that have been used to analyze the Tank Farm soil samples include:

- Pacific Northwest National Laboratory

- Environmental and Molecular Sciences Laboratory (EMSL)
- Argonne National Laboratory (Advanced Photon Source)
- Oak Ridge National Laboratory
- Savannah River National Laboratory
- Stanford Linear Accelerator Center

Concerns that cesium may have migrated to a lower depth than expected has been one of the areas of study. Interim measures to prevent migration have involved capping and decommissioning of unneeded RCRA monitoring wells and tank farm dry wells; berms and gutters; water line testing, and capping and interim barriers to prevent water intrusion.

She said we have learned a lot about known releases – nature and extent, mobility of contaminants and have identified interim measures. She indicated that although we have learned a lot, there is still much we do not know. She said, however, that through this process we have identified many data gaps. Data gaps have been identified in inventory, release, recharge, geohydrology, geochemistry, and modeling.

The next study (Phase 2 characterization) is intended to fill the data gaps, as well as support corrective measures and final closure decisions. She said that they have begun work on one of the first areas to be addressed – Waste Management Area (WMA) C, and that the Work Plan is due to Ecology by the end of this year. Other WMAs will be scheduled through negotiations and that interim measures will be implemented as needed. Susan indicated that the work is being integrated with other Hanford site programs, including the groundwater program.

ACHMM Unveils the EHMM Course Online

The ACHMM has unveiled the online version of the Essentials of Hazardous Materials (EHMM) course. The EHMM online course provides environmental, health, safety and security (EHS&S) professionals opportunities to quickly and effectively obtain knowledge as well as refresh their understanding of existing and recently updated hazardous materials management subjects. It serves as an integral preparation course for the Certified Hazardous Materials Manager® (CHMM®) credential examination.

ACHMM developed the EHMM online course in cooperation with OverNite Software, Inc., a cutting-edge Angleton, Texas designer of learning management and delivery solutions for a wide range of industries, including EHS&S professionals.

Essentials of Hazardous Materials Management Course Offered in Richland, Washington June 25-27, 2008

The Essentials of Hazardous Materials Management (EHMM) course provides an up-to-date overview of hazardous materials management and regulatory information and provides working professionals with the current knowledge to maintain their proficiency. The program consists of a comprehensive review of environmental laws and regulations and basic health and safety principles. It is designed to help individuals taking the certified Hazardous Materials Managers certification exam.

For more information, contact Mike Schmoltdt at: (509) 373-5116

ACHMM CREDENTIAL RECOGNITION

By: Andrea L. Prignano, PhD, CHMM

One of the main goals of National is to promote the credential. When you tell someone you are a CHMM or when you list it after your name, do you want them to be impressed or to say “What’s that?” Pretty simple answer, I hope. National is working on this by promoting the credential all over the country. As the actual CHMM credential gets written into regulations in various states, management will start to notice that they need a CHMM to sign off on certain forms or to be part of certain activities. Whether you are part of the company already or out looking for a job, they will be looking for you. *Not a bad position to be in.*

So, who recognizes the CHMM credential? That’s a very good question. We’re in an exciting time as more and more agencies and organizations realize what a CHMM behind your name really means and give you credit for the extra effort and expertise that you possess. These entities include cities, counties, states and federal organizations. A few are listed below:

New Jersey includes CHMMs, along with PEs and PGs, in its list of Third Party Certifications qualification requirements. Third Party Certification is a requirement of the “Cleanup Star Program” which allows pre-qualified environmental professionals to investigate and remediate certain properties and areas of concern with limited state regulator oversight (http://www.state.nj.us/dep/srp/cleanupstar/cstar_guidance.htm).

Connecticut allows CHMMs, along with PEs, to certify materials management plans and exemptions forms associated with aquifer protection areas per Connecticut regulations 22a-354i-6 and Section 22a-354i-9 (<http://ct.gov/dep/lib/dep/regulations/22a/22a-354i-1through10.pdf>,

http://www.ct.gov/dep/lib/dep/aquifer_protection/apa_appinst.doc, and

http://www.ct.gov/dep/lib/dep/aquifer_protection/mmpform.pdf)

Indiana recognizes the CHMM certification in site characterization and corrective action plans associated with underground storage tanks for work on leaking USTs. (<http://www.in.gov/legislative/iac/T03290/A00090.PDF>)

The CHMM is recognized by the Air Force Civil Engineer Career Program (<http://gachmm.pluggedintech.com/airforceletter.pdf>).

The CHMM is included in the list of USACHPPM Professional Certifications recognized by the US Army Center for Health Promotion and Preventive Medicine. (<http://chppm-www.apgea.army.mil/qso/cert/>).

In chapter 17, Article III of its fire protection code, the City of Aurora, Illinois, recognizes a CHMM as an Industrial Safety Professional with regards to Fire Protection and Prevention. (<http://www.aurora-il.org/>)

In addition, the CHMM certification has been seen in job announcements such as from the Department of Defense where it was listed as a preferred qualification for a Hazardous Waste Manager (<http://thejobsite.org/jobsearch/jobdetail.asp?ReqNum=411-19434ac>)

And, here in Washington State:

Both the Southwest Clean Air Agency, (covering Clark, Cowlitz, Lewis, Skamania and Wahkiakum counties) and the Spokane County Air Pollution Control Authority have granted AHERA designers with CHMM certification authority to design specific asbestos abatement projects. (<http://www.swcleanair.org/regs/reg476.pdf> and <http://www.spokanecleanair.org/documents/regs/ARTICLE%20IX.pdf>)

Recognition is sometimes limited. But that’s in part because we need to keep getting the word out. Let folks know who we are. Even though it starts small, I believe that we’re coming onto a time of greater recognition. Consider this when your membership bill comes around: we’re looking for “I need you” and National is working towards it.

Local CHMMs Present Papers Nationally

Several local CHMMs co-authored papers that were presented at the 2008 Waste Management Symposium in Tucson AZ in February. Andrea L. Prignano, CHMM, presented a paper entitled *Example of a Risk-Based Disposal Approval: Solidification of Hanford Site Transuranic Waste* co-authored by local CHMMs, Jeannette Hyatt, Brett Barnes, and Paul W. Martin. In addition, Andrea presented a poster entitled: *Generating the Right PCB Data: Determination of Aroclors versus PCB Congeners*, which was co-authored by Jeannette Hyatt, CHMM, and Cliff Narquis. Also presented at WM'08, a paper entitled *Air Permit Compliance for Waste Retrieval Operations Involving Multi-Unit Emissions* prepared by Darrin Faulk, CHMM, and Fen Simmons. All the authors are employees of Fluor Hanford. Andrea Prignano, Jeannette Hyatt, and Brett Barnes are members of the Eastern Washington Chapter.

Mike Schmoltdt was recently recognized at the Fluor Professional Publications and Programs Awards for his presentation in October 2007 to the Energy Facility Contractors Group (EFCOG) in Las Vegas NV on *Fluor Hanford Respiratory Protection Program: Innovations at a Multi-Contractor Site*. Mike also presented a lecture of Respiratory Protection to the ASSE meeting in Richland in April.

Webinars Now Offered by the ACHMM

By: Raja Ranade, Professional Development Committee (Past Chairman)

There are some additional professional development opportunities now provided by the ACHMM. One of these includes **Webinars** (or short courses) that are offered online and supported by experts in the field. The fees are relatively modest ranging from \$50-100.

These **Webinars** are generally about an hour long and seem to be getting popular. The schedule is advertised on the ACHMM Web page. The idea is to provide more affordable educational programming by sitting in the comfort of your own office or home. You can also obtain CMPs for recertification by attending these sessions.

Webinars scheduled in May/June are Communicating Risk and Crisis Communications and PPE (Respirators).

Let me know (at Digambar_G_Raja_Ranade@rl.gov) if you would like to see a specific course offered. The Professional Development Committee recommends topics for **Webinars**. Some of the topics currently under consideration are:

- Corporate Sustainability and how global companies are now embracing the need for sustainability programs
- New US environmental legislation like the California composite wood law which restricts formaldehyde emissions from composite wood finished good and packaging.
- EcoDesign - Designing environmentally friendly products, how to begin or mature an EcoDesign program (EU EuP)
- Global environmental product and packaging labeling requirement for products shipped globally.
- Confined Space Requirements
- Phase 1 / II Assessments
- Proper Waste Characterization sampling and testing (TCLP, representative sampling, etc)
- Contingency planning for Releases and integration of various regulatory requirements (RCRA, OSHA, CERCLA, DOT, NRC)
- Update / Overview of current requirements regarding Waste Management
- Compliance requirements for workers exposed to Lead, Asbestos, and Silica.

Mark Your Calendars!

EWC General Meeting To be Held at WSU-CIC

June 19, 2008 at 6:00 p.m.

Dr. Mark Marcus, a PhD from the Tri Cities will be providing a presentation on a Superfund remediation project in Kent, Washington, and the lessons yet to be learned. Light refreshments will be served. We look forward to seeing you there!

Washington State University (WSU) Consolidated Information Center (CIC) is located on the WSU Tri-Cities Campus at 2710 University Drive in Richland. The meeting will be held upstairs in Rooms 210/212 (above the U.S. DOE Public Reading Room).

National Chapter Development Committee

By: Andrea L. Prignano, PhD, CHMM

Hi everyone. I just recently joined the National ACHMM Chapter Development Committee (CDC). I've only had the opportunity to attend one conference call thus far, but I have high hopes for how this committee might benefit chapters in general and our chapter in particular. During this first conference call, I was able to secure funding from National for Cedric Calhoun, the ACHMM Executive Director, to attend our banquet in December. At our banquet Cedric will provide some information on current National activities and the benefits of being a CHMM. There are still a few administrative hoops to jump through (firming up schedules and such), but the big one (funding) is complete. I also realized just how lucky we've been the last two years in that Rich Cartwright (ACHMM Board of Directors and National Past President) and Mike Mandracchia (2008 ACHMM National President) were able to attend our Awards Banquets. This shows the high regard that National has for our chapter.

In the conference call, I learned about how the CDC is working to summarize information provided by all the chapters annually (in their annual reports) to make that information available to other chapters. We'll be able to brag about our accomplishments and learn what has worked elsewhere that might be applicable here. Shortly after the call I received an e-mail with some summary information. The major challenge for many chapters is getting members to be active. Some of the successes noted in the various chapter's annual reports are

- There were a number of co-sponsored seminars and joint meetings (joint with other societies).
- Two chapters held golf tournaments; one was a fund raiser for a scholarship.
- One chapter presented information on the CHMM credential to their municipal Chapter of Commerce Manufacturer's Council.
- One chapter started providing meals at meetings and attendance increased by 50%.
- One chapter partnered with a local university for the Essentials Course and had record enrollment.

In addition, a database is being set up that will help determine where current CHMMs work and relate that to nearby chapters. This compliments an on-going effort ensure that all CHMMs nationwide have a chapter to belong to and a goal to encourage them to attend. (National is also working on some chapter boundary revisions. However, I don't believe this boundary effort will affect us. If I hear otherwise, I will let you know.)

I heard about National's 10 x 10 Initiative. Under the 10 x 10 program, ACHMM aims to have 10,000 members by the end of 2010. National wants to expand its affiliate, student, and retiree membership. It wants to increase chapter size and have larger professional networks. Incentives for bringing in new members include a drawing for an American Express gift card and paid conference opportunities (starting with the 2009 conference). One needs to recruit a minimum of 10 new members to qualify. There will be chapter incentives based on new members to the Academy as well. The campaign started in November, and a celebration is planned in 2011. I am still looking into the details of the program and will report on that next time.

It was noted during the call that thanks to efforts from the Connecticut chapter, that the State of Connecticut has recently revised its stormwater permit regulations to allow for CHMM certification for some requirements. This is quite an accomplishment as there were several obstacles to overcome. However, the Connecticut chapter persevered and helped the state realize the benefits of adding the CHMM credential to its list. There are efforts going on all over the country (and even in our own state) in this regard. These efforts have great pay-offs, in that recognition of the credential encourages more recognition and provides great future benefits to CHMM holders.

There was a brief discussion on chapters obtaining Directors and Officers (D&O) Insurance. One chapter recently obtained such insurance, but at a cost of \$1,300. Most representatives on the call agreed that this was too high a cost for a typical chapter. It was noted that National does have D&O insurance, and the group took the action to find out if chapters could piggy-back on National's insurance, that is receive favorable rates because of the business connection. A follow-up e-mail noted that the insurance company that National deals with does not offer such insurance to chapters. However, there is a possibility of a chapter being added to the ACHMM's policy for general liability, at a cost. The CDC is going to continue to look into this; I will report back later.

And now, my request to you. I would really like members of this chapter and local CHMMs to let me know what you would like National to be doing for us. I can be your liaison to the National CDC. My big question is 'why should any of us join National'? What would you like that answer to be? I joined this committee to learn the answer, to help develop a better answer, and to help National to better focus on chapter needs.

National Conference Launches a "Going Green Initiative"

ACHMM has launched a "Going Green Initiative" for its 2008 National Conference in Minneapolis this coming September. Through the "Going Green Initiative," which is part of the organization's comprehensive Quality, Environmental, Health and Safety (QEHS) policy, ACHMM has established a series of standards and processes that will minimize the environmental impact by the group's meetings. The plan includes steps conference attendees and ACHMM can do to help protect the environment and prevent wasteful practices at ACHMM events. The plan implements many common-sense practices that cost little or nothing to employ and will save money. This plan touches every aspect of meeting management and includes:

- Printed & Other Materials
- Food & Beverage Functions
- Onsite Facilities
- Exhibit Hall/Exhibitors
- Conference Hotels (Sleeping Rooms)
- Educating Attendees & Exhibitors/Recycling Advisors
- Evaluation of Recycling/Waste Prevention Efforts
- Criteria for Future Site Selections

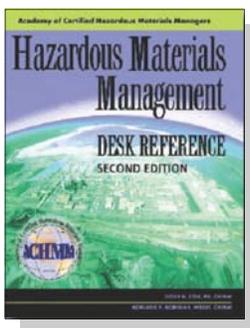
For example, the "Printed & Other Materials" section provides a series of guidelines that minimize the use of paper and harmful inks; require using recycled paper; printing two-sided documents; and more. To achieve this objective this section calls for the use of electronic communications—advertising and promo-

tion, registration and confirmation processes; recycling name badge holders; and reusing signs when possible. It also calls on sponsors, exhibitors and other groups to use recycled paper; not use fluorescent and glossy papers; and upload electronic copies of meeting materials to the conference Web site or jump drive.

Other prominent features of the initiative (and the appropriate program area) include:

- Helping the host hotel establish food composting (Food & Beverage Functions) and recycling programs (Onsite Facilities) if these are not in place;
- Collecting unused exhibitor giveaway items that have a practical purpose and donating them to local shelters or schools (Exhibit Hall/Exhibitors);
- Helping the host hotel establish a guest-initiated linen and towel change program (Sleeping Rooms) if one is not in place;
- Encouraging meeting participants to be a part of the initiative (Educating Attendees & Exhibitors);
- Monitoring the program and making improvements for future meetings (Evaluation of Recycling/Waste Prevention Efforts); and

Hopefully, this with effort ACHMM will set an example and show other groups how to conduct a green meeting, save our environment, and save money at the same time.



The book, Managing Hazardous Materials, has now been updated with new information!

This Desk Reference is now available to ACHMM members for \$95.99 (including S&H). Quantity discounts are also available for EWC. To order, call 1 800 437-0137 or contact academy@achmm.org.

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