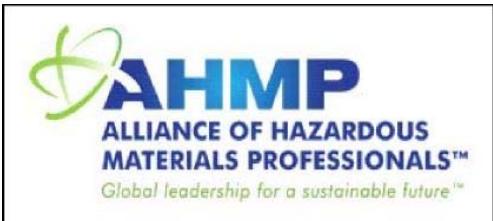


The Hazardous Materials Manager

EASTERN WASHINGTON CHAPTER OF THE ACADEMY OF CERTIFIED HAZARDOUS MATERIALS MANAGERS
NEWSLETTER



Eastern Washington Chapter of the Academy of Certified Hazardous Materials Managers

1370 Jadwin, Suite 113
Richland, WA 99352
<http://www.ewcachmm.org>

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Secretary: Roni Ashley
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Executive Committee's Corner

Greetings from your Eastern Washington Chapter of Certified Hazardous Materials Managers (EWC) Executive Committee. Fall is here, vacations are behind us, and the children are back in school.



We hope everyone had the opportunity to enjoy time with friends and family. So far, 2016 has been a productive one. EWC has held a number of great programs, including a tour of Permafix Northwest (PFNW), a presentation from Ecology on the Dangerous Waste regulations, and an overview of cleanup at a local CERCLA site.

We realize that winter is just around the corner! The officer and board positions for 2017 are being finalized and within the week, a request for award nominations will go out. The award sponsors this year are the Department of Energy (DOE), CH2M Plateau Remediation Company (CHPRC), Washington River Protection Solutions (WRPS), and Mission Support Alliance (MSA). Nominations will be for projects that were performed between January 2015 through December 2016, and will be accepted into December this year. The award's winter banquet and ceremony will be held on Friday, January 27th. Alex Smith, the director of the Washington State Department of Ecology's Nuclear Waste Program, will be the keynote speaker.

Our sister Chapter in India has also been busy with number of programs planned in Bangalore, India. They invite all EWC members to attend. They also plan to sponsor a CHMM overview program in Las Vegas soon.

EWC will hold a CHMM Overview Course in Spring 2017, if there is enough interest. Let us know if you would like to attend. We urge you to get involved in the future of the EWC. We hope you will volunteer to participate on a committee or task group. We are a membership organization, and your involvement will make us better. If you have any questions, reach out to a board member.

Ecology Nuclear Waste Program Director to Provide Keynote Presentation at EWC Winter Event

Alex Smith, the director of the Washington State Department of Ecology's Nuclear Waste Program, will speak at the Eastern Washington Chapter (EWC) of the Academy of Certified Hazardous Materials Managers (ACHMM) winter banquet at the Red Lion Hotel in Pasco on January 27, 2017. She will be sharing her impressions of the Hanford cleanup after nine months on the job.

Ms. Smith joined Ecology on April 18, 2016 as head of the Nuclear Waste Program, the branch of Ecology that oversees compliance with Washington's environmental rules and regulations for the Hanford Site and other mixed (hazardous and radioactive) waste facilities in the state. Prior to joining Ecology, Ms. Smith was the chief environmental attorney for the Port of Seattle and the director of environmental programs for the Port of Olympia. She also served for eight years as a Washington State assistant attorney general, where she assisted with regulatory enforcement actions against the Department of Energy that came before the Pollution Control Hearings Board.

The EWC is looking forward to Ms. Smith's remarks and invites you to attend the winter event. Details to register for the program will be available shortly.

EH&S in the Wine Industry Presentation on November 4th

On Friday, November 4th at 3:00 p.m., at the Richland Library, Jessica Myer, Environmental Specialist, for Ste. Michelle Wine Estates will provide an informative presentation about EH&S in the wine industry. Go behind the scenes of winemaking and learn about two wine industry topics: Winery Waste Management and Confined Space. Jessica will discuss the waste streams commonly produced in the making of wine and how they are managed according to local, state and federal guidelines. Kyle Hutchinson will discuss one of the greatest dangers in the wine industry, confined space, and how a confined space program is managed and implemented in a winery.

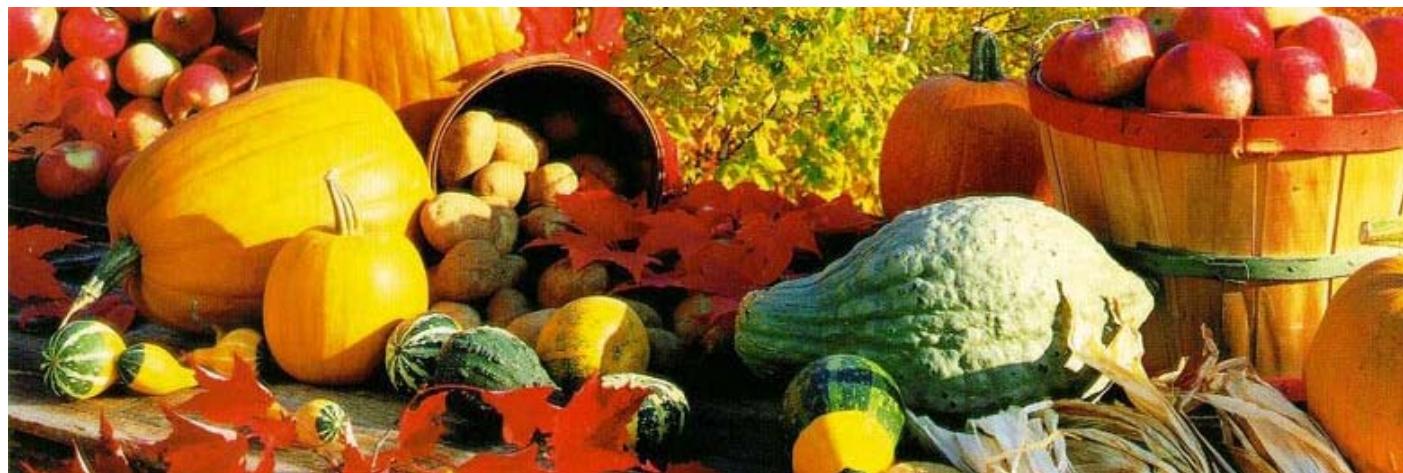
Safety Training Conference Coming to Richland

On October 31st, WSU Tri-Cities (WSU-TC) and Whitman College are teaming up to present a one-day lab safety course for safety professionals at the Consolidated Information Center on the WSU-TC campus. This 8 hour course is suited to laboratory inspectors, laboratory managers, chemical hygiene officers, safety professionals and EHS professionals wanting to broaden their knowledge of laboratory safety. This course will increase your ability to identify safety hazards in a laboratory and enhance your understanding of safe laboratory design and operation. The course will explore the different approaches for conducting laboratory inspections using laboratory inspection checklists and safety audits of the conditions and operations that occur on a daily basis in the laboratory. Course Objectives: Define the role of the laboratory inspector, identify the key steps involved in laboratory safety operations, describe the importance of applying process safety concepts to laboratory inspections, review the steps involved in a laboratory operations, identify the hazards associated with temperature, pressure, vacuum, pilot plant, unattended and working alone operations. Cost: \$50 (lunch included).

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The following day, November 1, the fall 2016 meeting of the Northwest Laboratory Hazardous Waste Management Conference will be held at the Consolidated Information Center on the WSU-TC campus. Numerous speakers will present relevant topics of interest to people that are responsible for managing waste generated in research and academic laboratory settings and other similar venues. Cost: \$25 (lunch included).

To register or obtain additional information, contact Fred Miller of Whitman College at (509) 527-5966 or at millerfl@whitman.edu.



Regulatory News

EPA Adopts New Emission Guidelines/Standards for MSW Landfills

The U.S. Environmental Protection Agency (EPA) revised its emission guidelines for existing municipal solid waste (MSW) landfills, which are set forth at 40 CFR Part 60, subpart Cf. Although focused on controlling emissions of nonmethane organic compounds (NMOCs), the change also will result in significant reductions in methane, a potent greenhouse gas. Consistent with the current rule, existing landfills are subject to the guidelines if they have a design capacity of 2.5 million metric tons and 2.5 million cubic meters of waste. Active landfills that meet these thresholds must be equipped with landfill gas collection and control systems if annual NMOC emissions are 34 metric tons or more (down from 50 metric tons under the existing guidelines), unless they can show that surface emissions of methane are below 500 parts per million for four consecutive quarters. The same day it adopted emission guidelines for existing sources, EPA set a 34 metric ton threshold for NMOC emissions from new, reconstructed and modified MSW landfills. EPA estimates that over 1,000 existing landfills will be subject to the new emission guidelines.

Proposal to class titanium dioxide as a carcinogen under the CLP Regulations

The European Chemicals Agency (ECHA) plans to declare titanium dioxide (TiO₂) as a carcinogen. The substance has been widely used in industrial and consumer products for decades and has no obvious substitute. But ECHA recently consulted on plans put forward by the French authorities to declare it a respiratory carcinogen under the EU Classification, Labelling and Packaging Regulation. It is used as an ingredient in a wide variety of products, including paint, paper, plastics and sunscreen. The proposal to class TiO₂ as a carcinogen has been put forward due to its low solubility and persistence in the lungs, which can lead to oxidative stress and may also have direct genotoxic effects. There is no evidence from human data of a link between occupational exposure to TiO₂ dust and cancer. However, the

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International Agency for Research on Cancer declared it a carcinogen in 2006, based on studies in rats. Exposure to the substance led to benign and malignant lung tumors.

Pre-Proposed Changes to the Dangerous Waste Regulations Released by Ecology

In September, the Washington State Department of Ecology (Ecology) released a pre-proposal draft of changes planned for the Dangerous Waste Regulations, WAC 173-303. The changes are primarily aimed at incorporating four new federal hazardous waste rules, including:

- Management Standards for Hazardous Waste Pharmaceuticals
- Conditional Exclusions for Solvent-Contaminated Wipes
- Definition of Solid Waste
- Revisions to the Export Provisions of the Cathode Ray Tube (CRT) Rule

Ecology will be holding an informational webinar Wednesday November 2 on the draft changes to the dangerous waste regulations and will respond to questions. Although the objective of the webinar is not to hold discussions or take formal comments, an informal comment period is open and Ecology appreciates submitted suggestions on the specific rules they are working on. Go to Ecology's dangerous waste rulemaking webpage to learn more about the changes and/or to register for the upcoming webinar.

Ecology is accepting comments on the pre-proposal version of the rules. To view the draft changes, go to http://www.ecy.wa.gov/programs/hwtr/laws_rules/DWRegs/1603docs.html. To comment, Ecology desires electronic submittal at http://www.ecy.wa.gov/programs/hwtr/laws_rules/DWRegs/1603pubcom.html.

Ecology also intends to make technical and editorial corrections and clarifications. For instance, based on suggestions provided by the Hanford Central Environmental Committee, Ecology is planning to allow inspection records to be generated and maintained electronically.

India ACHMM Plans Events

The ACHMM-India Chapter is located at the Department of Civil Engineering of Bangalore Institute of Technology, Bangalore, India. The Chapter is comprised of members from academia, technologists, representatives from regulatory bodies, representatives from industries, research scientists, professionals, and consultant experts from both India and the United States. Its goal is to provide relevant and timely professional development and training opportunities in the area of hazardous materials management. Since its inception in 2006, the chapter has organized several conferences, workshops, seminars, and training courses on hazardous materials and their management.

The India Chapter is organizing the following events and members are invited to attend. The India Chapter will provide hospitality to members that attend these seminars and workshops:

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1. A one-day seminar on "Measurements of Volatile Organic Compounds (VOCs) in Air" is being organized during the third week of October, 2016, at Bangalore Institute of Technology, Bangalore. This is organized in joint collaboration with Karnataka State Pollution Control Board, Bangalore, India.
2. A three-day training course on "Hazardous Materials Management" at Sri Jayachamarajendra College of Engineering (SJCE), Mysore. This is organized in joint collaboration of Karnataka State Pollution Control Board, Bangalore, Institute of Environment and Hazardous Materials Management (IEHMM), Bangalore and SJCE, Mysore in the last week of October, 2016.
3. A two-day workshop on "Introduction to Hazardous Materials Management" is proposed to be held at Sahyadri College of Engineering, Mangalore. This is organized in joint collaboration of Karnataka State Pollution Control Board, Bangalore, Institute of Environment and Hazardous Materials Management (IEHMM), Bangalore and Sahyadri College of Engineering, Mangalore in the last week of October, 2016.

If you have any questions, contact Dr. Rampur Viswanath. (at r.viswanath@yahoo.com)

Notes on Recertification

The Institute of Hazardous Materials Management (IHMM) requires that the CHMM certification be renewed every five (5) years to ensure that certificants retain their currency with the advancements in technology and changes in compliance requirements that occur frequently in hazardous materials management and related fields. To be an effective CHMM, you need to stay current on developments in the industry, and remain competent in the knowledge, skills and abilities you demonstrated by earning the CHMM designation. Maintaining the highest professional standards by continuing to uphold and abide by the Code of Ethics is also a requirement for recertification. to qualify for recertification. Each CHMM is responsible for:

- Seeking out activities that are relevant to the competency requirements of the *CHMM Examination Blueprint*
- Maintaining appropriate documentation of their participation in those activities;
- Submitting supporting documentation for claimed activities IF the application is selected for audit, or when additional information is requested; and,
- Earning sufficient CMPs to recertify *CHMM Recertification Handbook*. CHMMs must earn at least 200 Certification Maintenance Points (CMPs) during a 5-year period to qualify for recertification.

