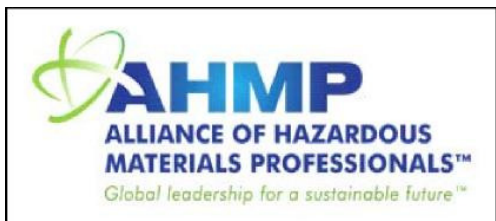


The Hazardous Materials Manager

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



Executive Committee's Corner

Fall is definitely here and winter is just around the corner! The EWC Executive Committee has been looking for you for ideas on ways the Chapter can support you. Our thoughts have included setting up a tour of a local waste site, setting up a social event, and finding a speaker that will provide the knowledge and information you seek.

We kicked off the year with a presentation from Peggy Williamson, CHMM, Fulcrom Environmental Consulting, on the challenges with remediating sites in the Northwest. In March, the EWC supported the Mid-Columbia Science and Engineering Fair in Richland, WA and provided awards to two students. In July, the Executive Committee met to come up with more events for you. We decided to postpone our annual holiday dinner and awards event this year. The current plan is to send out a request for nominations in early 2016.

EWC is a non-profit community service organization that functions to provide a forum for information exchange among peers in order to promote qualified environmental decision making. Our goals include assisting others with prudent hazardous materials management, in the interest of protecting human health and the environment. We want to increase the transfer of knowledge and experience with new technologies, government regulations, and provide community awareness relating to hazardous materials management. We endeavor to sponsor training programs and other educational opportunities for the hazardous materials professional.

EWC needs your involvement and support to continue. If you think you can spend an hour every few months to support the community, please contact one of the committee members today or leave a note at the ewcachmm.org website.



Eastern Washington Chapter of the Academy of Certified Hazardous Materials Managers

1370 Jadwin, Suite 113
Richland, WA 99352

<http://www.ewcachmm.org>

Current Officers:

President: Chuck Mulkey
Vice President: Andrea Hopkins
Secretary: Roni Ashley
Treasurer:– Chuck Mulkey
Past President: Wade Winters

Committee Chairs:

Professional Development: Mike Schmoltd
Membership Development: Open
Public & Community
Relations & Awards: Scot Adams
Government Liaison: Harold Tilden
Education: Andrea Hopkins
Web Master: Anne Dukelow
Newsletter: Roni Swan

Past Presidents:

2014 – Wade Winters
2013 – Roni Ashley
2012 – Chuck Mulkey
2011 – Russ Johnson
2010 – Mike Schmoltd
2009 – Robbie Tidwell
2008 – Mark Riess
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

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ABOUT 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.

Preparing 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 (see below), or when additional information is requested; and,
- Earning sufficient CMPs to recertify *CHMM Recertification Handbook*

IHMM does not evaluate activities or pre-approve activities for CMP credit. Certificants must be up to date in their annual certification maintenance fees at the time of their application for recertification. Recertification by form is free.

Only a percentage of the submissions will require full documentation of the CMP credit claimed on the CHMM Application for Recertification. All IHMM Board and Committee members will be required to submit full documentation.

CHMMs that are selected for audit will be notified after receipt of their recertification application and will be required to submit full documentation for all claimed activities. CHMMs that are not selected for an audit will not be required to submit full documentation, but should maintain copies of all supporting documentation for a period of five (5) years after the submission of their application for recertification. IHMM reserves the right to request documentation from any applicant for recertification. CHMMs must earn at least 200 Certification Maintenance Points (CMPs) during a 5-year period to qualify for recertification. Certification Maintenance Points (CMPs) must be specified.

EWC will hold a recertification course in 2016, if there is enough interest. Let us know if you would like to attend.

Workers Treat Record Amount of Hanford Groundwater-Richland, WA

Workers at the U.S. Department of Energy's (DOE) Hanford Site treated a record amount of groundwater to remove contamination in the last year, operating facilities that treated 2.1 billion gallons of groundwater. "We're treating more groundwater and removing more contamination than any year in the past two decades of cleanup," said Michael Cline, director of the soil and groundwater division with the DOE Richland Operations Office. "Not only are we treating more groundwater each year, we're also removing more contamination and expanding the area we're pumping from to remove contamination." DOE set a goal for contractor CH2M HILL Plateau Remediation Company (CH2M) to treat 2.1 billion gallons by the end of the fiscal year, which began in October 2014 and runs through September 2015. CH2M met this key performance goal more than a month ahead of schedule in mid-August and removed more than 75 tons of contaminants from groundwater during the



fiscal year. "Our groundwater treatment programs are designed to protect the river, by slowing the spread of contamination near the river and preventing contamination in the center of the Hanford Site from making its way to the river," said Karen Wiemelt, vice president of soil and groundwater remediation for CH2M. CH2M also exceeded last year's treatment record of 1.9 billion gallons. To date, Hanford contractors have treated more than 13 billion gallons of groundwater and removed more than 200 tons of contaminants, including nitrate, carbon tetrachloride, hexavalent chromium, uranium, and technetium-99. Six pump-and-treat systems treat groundwater at Hanford by pumping groundwater up through wells and treating it to remove contaminants, before the water is re-injected into the ground. "We continue to find innovative ways to increase treatment capacity," said Wiemelt. "As a whole, our systems are operating at about 113 percent of their designed capacity and, with several upgrades we'll finish this year that number will be even higher." The groundwater contamination resulted from operations to produce plutonium from the 1940s through the end of the 1980s. Since 2009, CH2M has more than quadrupled the groundwater treatment capacity at the Hanford Site, from 500 million gallons a year to 2.1 billion gallons a year.

Regulatory Queries

Q: Can intact batteries containing liquid mercury be disposed of as debris and still meet land disposal Restrictions?

A: No, the batteries are manufactured objects but are considered to be containers and therefore must be sent for retorting or roasting for mercury recovery (EPA Guidance Memo dated 11/10/93).

Q: One person owns a product storage tank; another person owns the product material being stored; and a third person is contracted to remove and dispose of sludges that have formed in the bottom of this product storage tank. The sludges are determined to be a hazardous waste. Who is the generator of the hazardous waste that is generated from a product storage tank?

A: Because all three parties contribute to the generation of a hazardous waste and because none of the parties stands out in all cases as the predominant contributor EPA concluded that the three parties should be jointly and severally liable as generators. (October 30, 1980 Federal Register on page 72026)

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Q: A customer has a less than 90-day hazardous waste tank (10,000-gallon capacity), that continuously receives hazardous waste. On a routine basis 3,000 to 5,000 gallons are pumped from the tank to a tanker for transport to an offsite permitted RCRA facility. Does the tank have to be completely emptied every 90 days or is there an alternative method to demonstrate that waste is not stored for 90 days or more?

A: An EPA guidance letter entitled, "Turnover of Hazardous Wastes Stored in Generator Accumulation Tanks", clarified that a generator may use any method to demonstrate compliance with the <90-day accumulation requirement as long as the method is "reasonable and easily discernible to EPA or an authorized state". The EPA guidance letter stated that the generator could mark both the tank volume and the estimated throughput to allow inspectors to determine the residence time of hazardous waste in the tank. Note that since the date of accumulation is a required mark, consulting with your State agency is highly recommended.



Regulations

Underground storage tanks: On 7/15/15 EPA published the final rule revising part 280. Some of the changes are:

1. Training of operators is required
2. New testing requirements for leak detection and overfill equipment. Must be implemented by 10/13/18
3. 30 day notification requirement before changing an existing UST system over to any regulated substance that contains >10% ethanol, >20% biodiesel. Any UST handling these materials must maintain records showing compliance with new compatibility requirements.

Disposal and Recycling of e-cigarettes: EPA has determined that e-cigarettes that contain cartridges of nicotine are classified as P075 acute hazardous waste when discarded. Nicotine was determined to be the sole active ingredient within e-cigarettes since the flavorings are not considered to be active ingredients. E-cigarettes disposed by consumers at their residences are considered excluded household hazardous waste under 40 CFR 261.4(b)(1).

Pharmaceutical Waste Management Regulations Proposed: On 8/31/15, EPA signed a proposed rule that would change the management and disposal of hazardous waste pharmaceuticals. The proposed rule would apply to hospitals, pharmacies, and other healthcare facilities.

Update to SW-846: the 3rd edition of EPA's publication SW-846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" has been approved. The new edition has additional test methods for mercury species, metal cyanide complexes, and organic compounds.


Upcoming Opportunities

ECOLOGY Oct 19 2015 Public Comment Period –

West Richland

Nov 20 2015 The City of West Richland's Shoreline Master Program Comprehensive Update

The Washington State Department of Ecology seeks public input on West Richland's proposed Shoreline Master Program comprehensive update.

West Richland, WA 

Sponsor: Ecology

Contact: Lennard Jordan

(509) 457-7125 / ljor461@ecy.wa.gov

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Pacific Northwest National Laboratory (Operated by Battelle)

Job Opening

Environmental Compliance Representative, Richland

Minimum Qualifications:

Bachelor's degree and 6+ years of relevant experience. Advanced degree and 4 years of relevant experience. Professional license and/or certification may be preferred. The incumbent must have a strong knowledge of environmental requirements, including Clean Air Act, Clean Water Act, Resource Conservation and Recovery Act, Toxic Substance Control Act, National Environmental Policy Act and the ability to identify potential compliance issues on behalf of internal customers. Experience with the National Historic Preservation Act, Endangered Species Act, and Washington state agency permits (e.g., Hydrological Project Approval) is desirable.

Training Opportunities

Oct 27- 28	Hazardous Materials Transportation Certification	Kansas City, MO	Lion Technology Inc	http://www.lion.com/DOT-Hazmat-Workshop
Oct 28 - 30	CHMM Review Course	Gulf Shores, AL	Alabama Chapter - AHMP	http://www.al-ahmp.org/2015-chmm-review-course
Nov 2 - 4	DGAC Conference & Dangerous Goods Transportation Exposition	Albuquerque, NM	Dangerous Goods Advisory Council	www.dgac.org
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Nov 2-3	Hazardous Materials Transportation Certification	Milwaukee, WI	Lion Technology Inc.	http://www.lion.com/DOT-Hazmat-Workshop
Nov 2-3	Hazardous Materials Transportation Certification	Cincinnati, OH	Lion Technology Inc.	http://www.lion.com/DOT-Hazmat-Workshop
Nov 16 - 19	Facility Decommissioning Training Course	Las Vegas, NV	ANL	http://www.dd.anl.gov/ddtraining/index.html