



CT ACHMM NEWSLETTER

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President's Message

Matthew J. Twerdy
CT ACHMM President

Greetings! I hope that everyone is having a great year and doing well.

I am excited about the successes and developments our chapter has experienced this year to date. First of all, I would like to commend the board for sustaining such great work and showing exemplary dedication.

The CTACHMM's first general membership meeting, held at the Adams Mill Restaurant, was well attended, including the largest contingent of members in recent memory. I would like to thank everyone for the great turnout. Thirty-eight people attended this technical meeting. Chris Ecsedy, Vice President of the Facilities and Environmental Services Business Unit at Fuss & O'Neill, Inc., was the guest speaker. He discussed the wide-ranging proposed changes to CTDEP Industrial Stormwater General Permit and the new CTDEP Draft General Permit for In Situ Groundwater Remediation.

Additionally, the Alliance of Hazardous Materials Professionals (AHMP) will be holding the 2009 National Conference from August 30 to September 2, 2009 in San Diego. The AHMP National Conference, formerly the ACHMM National Conference, is the environmental health, safety, security (EHS&S), hazardous

CTACHMM General Membership Event Thursday June 18, 2009

**UCONN Cogeneration Plant
Storrs, CT**

**Tour: 3:30 PM
Social: 5:00 PM
Dinner: 6:00 PM**

materials and waste management industry's leading forum for national and international information exchange and networking – still going strong in its 22nd year! If you were even remotely considering signing up, I would strongly encourage you to do so! The Conference is worth it because the sessions provide good information, your attendance strengthens the Connecticut chapter's presence, attendees receive continuing education points, and people always seem to have a good time.

I would also like to mention President Barack Obama has nominated Gina McCarthy to be the U.S. Environmental Protection Agency's (EPA) Assistant Administrator for Air and Radiation. Gina McCarthy is currently the Commissioner of the Connecticut Department of Environmental Protection (DEP).

I appreciate everyone's support of the chapter, and look forward to seeing you at our next meeting!

Hazardous Waste Facility Relocation Siting Evaluation and Schematic Design

James Pietrzak, P.E., CHMM, Senior Project Manager,
Architectural & Engineering Services, UCONN

Background

The existing Hazardous Waste Facility at the University of Connecticut (UConn) was initially created in 1988. The facility is located off Horsebarn Hill Road near the Health and Safety Administration Offices and consists of a converted dog kennel that is shared by the Hazardous Materials and Radiation departments. There is a 25 by 40 foot block building that houses lab facilities a small lavatory and shower and small administration space. Other features at the site include four "land/sea" box trailers for storage of materials and waste. Two of the trailers are for storage of "clean" radiation and hazmat handling equipment and supplies. One trailer is for short half-life radioactive waste storage and one is for long half-life radioactive waste storage. There is a bermed area for miscellaneous outdoor storage. There are individual storage units for the various chemical wastes. There is also a box freezer/cooler for biomedical waste. A "new" pre-manufactured waste handling/storage unit has been purchased and installed but not accepted by the University and there are operational difficulties with the drum-handling crane.



**Remedial Work Plan Implementation
UConn Landfill Closure**

This existing facility has all necessary permits and functions well under less than optimal conditions.

Audits by DEP and NRC have resulted in no outstanding violations or issues. Universal wastes, except for tires, batteries and waste oils, are stored in a trailer located near the wastewater treatment plant.

New Hazardous Waste Facility Relocation Siting Evaluation and Schematic Design

Work undertaken by UConn's consultant included:

- Meetings with UConn Environmental Health & Safety (EHSO) staff and review of UConn's less than 90-day Hazardous Waste Facility and Radioactive Material Area needs.
- Review and outline new less than 90-day Hazardous Waste Facility and Radioactive Material Area permitting issues.
- Provide discussion of less than 90-day Hazardous Waste Facility and Radioactive Material Area requirements in general terms and special arrangements required.
- Provide schematic layout option for new less than 90-day Hazardous Waste Facility and Radioactive Material Area.
- Provide detail of utility requirements and site access.
- Evaluate need for impact studies and detail protection of the environment.
- Review and outline conceptual preliminary design for less than 90-day Hazardous Waste Facility and Radioactive Material Area, including relationship of WWTP expansion options.
- Review and outline CTDEP permit preparation assessment.
- Develop less than 90-day Hazardous Waste Facility and Radioactive Material Area construction costs.
- Support of on-going Environmental Impact Evaluation Process.

Siting Update

The UConn Hazardous Waste Storage Site Study Advisory Committee has held a Public Hearing on the new facility location. The proposed location is still under review.

Regulatory Update

EPA head reinstates full TRI reporting requirements

April 22, 2009

EPA Administrator Lisa Jackson signed a final rule to reinstate stricter reporting requirements for industrial and federal facilities that release toxic substances that threaten human health and the environment. These changes will apply to all Toxics Release Inventory (TRI) reports due July 1, 2009.

"People have a right to information that might affect their health and the health of their children -- and EPA has a responsibility to provide it," said Jackson. "Restoring the TRI reporting requirements assures transparency and provides a crucial tool for safeguarding human health and the environment in our communities."

The final rule reinstates TRI reporting requirements that were replaced by the TRI Burden Reduction Rule in December 2006. The latest action was mandated under the 2009 Omnibus Appropriations Act, signed by President Obama on March 11, 2009. The legislation required that prior TRI reporting requirements be reestablished.

TRI is a publicly available EPA database that contains information on toxic chemical releases and waste management activities reported annually by certain industries as well as federal facilities.

The December 2006 TRI Burden Reduction Final Rule expanded Form A eligibility for non-Persistent, Bioaccumulative, Toxic (non-PBT) chemicals to 5,000 pounds and allowed use of Form A for the first time for PBT chemicals under limited circumstances. That rule was met with concern over the availability of required data under the Emergency Planning and Community Right-to-Know Act (EPCRA) and resulted in a lawsuit by 13 states to restore the TRI Form A thresholds and usage to what they were prior to the 2006 rule.

Now that the new rule has been signed, EPA explains that all reports on PBT chemicals must be submitted on the more detailed Form R. For all other chemicals, the shorter Form A may only be used if the annual reporting amount is 500 pounds or less and less than 1 million pounds of the chemical was manufactured, processed or otherwise used during the reporting year.

The agency adds that TRI-ME software and other reporting assistance materials are still being revised and will be available soon. TRI reports for reporting year 2008 are due on July 1, 2009. For more information, visit <http://www.epa.gov/tri/>.

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