

# The Enviroexpert

A QUARTERLY NEWSLETTER

Everybody here at ENVIRONMENTAL MANAGEMENT SERVICES, INC. and MILLENNIUM BIOHAZ SERVICES would like to wish you and yours a wonderful New Year filled with prosperity, friendship to many and good will to all.

## Regs for Securing Haz-Mat in Transport Amended in View of Terrorist Threat

The U.S. Department of Transportation Research and Special Programs Administration (RSPA) in 2003 published an amendment to their Hazardous Ma-

terials Regulations addressing the security of hazardous materials during their transportation. The amendment requires anyone who transports hazardous materials meeting the categories below to develop and implement a security plan and provide security-awareness training for all employees who directly affect hazardous materials transportation:

- A shipment of a quantity of hazardous material in bulk packaging equal to or greater 3,500 gallons for liquids or 13.24 cubic feet for



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# Spotlight on Ken Amos



**KEN AMOS**  
DIRECTOR,  
BIO-HAZARDOUS  
WASTE

Ken came to EMSI after some general studies at Essex Community College.

He's the proud dad of 11 year old Parker who l-o-v-e-s baseball and playing catch with his Dad. When he's not running, swimming, biking, Ken loves to go clubbing and dance! (Sorry Ladies, this single father of one has already been snatched off the market.)

Ken participates in major athletic competitions like the Marine Corp Marathon and the Baltimore Triathlon where he placed an impressive 165th out of 3200 contestants. Ken would like to participate in an Iron man Triathlon before he's 40.

One day, Ken dreams of retiring to some beach front community where he can open up a boardwalk Starbucks.



solids

- A select agent or toxin regulated by the Centers for Disease Control and Prevention under 42 CFR Part 73.

- More than one liter per package of a material poisonous by inhalation as defined

by 49 CFR 171.8 that meets the criteria for Hazard Zone A.

- A highway route-controlled quantity of a Class 7 radioactive material.
- More than 25 kilograms of a Division 1.1, 1.2 or 1.3 explosive material.
- A quantity of hazardous material that requires placarding under the provisions of 49 CFR 172, Subpart F.

The objective of the requirements is to prevent hazardous materials from being used in terrorist attacks.

The first step in preparing a plan is to conduct an assessment of the security risks associated with the materials handled, followed by a comprehensive program designed to minimize the risks identified in the risk assessment. RSPA developed a Risk Management Self-Evaluation Framework (RMSEF) to help affected organizations in developing a risk management program for their hazardous materials transportation process. RMSEF is a tool for all parties (regulators, shippers, carriers, emergency response personnel, etc.) to look at their operations and consider how they assess and manage risk. It includes a template to help affected em-

ployers address the security requirements (can be accessed at <http://hazmat.dot.gov/riskmgmt/rmsef/rmsef.htm>). The template contains a seven-step flowchart, designed to facilitate an understanding of a shipper's security risks, assessing those risks, developing a security action plan, verifying implementation of security activities, and continual evaluation of the program. Assessment of transportation security risks must take into account the types and quantities of materials transported, and the geographic area and mode of transportation. The template includes a Facility Security Checklist that can guide the user through the identification of their security risks and risk control corrective actions. The regulations also instruct employers who offer hazardous materials for transportation by a second party shipper to evaluate the security programs of that shipper.

The security plan must include the following components:

Measures to confirm information provided by job applicants hired for positions that involve access to and handling of the hazardous materials covered by the security plan (e.g. employment history and verification of citizenship or immigration status).

Measures to address the security risks of shipments of hazardous materials covered by the security plan en route from origin to destination, including shipments stored incidental to movement.

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Measures to restrict unauthorized access to hazardous materials covered by the security plan or to transport vehicles being prepared for transportation of the hazardous materials covered by the security plan.

Training of hazmat employees.

Training programs must incorporate the objectives of the security program, security procedures, employee responsibility



Police raided a Tennessee meth lab with full protective gear to rescue this 11 month old who had no protection against the meth, by-products of meth production, volatile solvents and corrosives used in meth manufacture and biohazards. This photo was used with the permission of Tennessee Health Department, ©2004

# DCHA Gala A Success



A full complement of Sales and Operations staff arrived at the District of Columbia Hospital Association 27th Annual Banquet ready to meet with clients and make some new friends. The ladies were dressed quite elegantly. The men paid homage to "The March of the Penguins" in their black and white attire.



Dapper Dan Six celebrated his 40th birthday for the 17th time with News Anchor Doreen Gentzler from News Channel 4, who served as the Mistress of Ceremonies for the event.

## EMSI Responds to Fiery Crash on I-95

Environmental Management Services responded to the site where a fuel tanker exploded the day before Thanksgiving.

Trucker Boyer Chew heroically stayed on course, safely maneuvering passed traffic and Jersey barriers, finally bringing his gas laden rig to a stop, where no one could be injured by the ensuing explosion. Traffic was backed up for miles, from Beltsville clear into Howard County.

Environmental Management Services, Inc. was called to sample the soil for analysis and characterization. The ultimate

goal will be remediation and disposal of the petroleum contaminated soil.



A tanker truck carrying 8,700 gallons of gasoline burns after exploding on southbound Interstate 95 on one of the busiest travel days of the year, Wednesday morning, Nov. 23, 2005 in Beltsville, Md., just outside of Washington. (AP Photo/Peter Matthews)

## New Uniform Hazardous Waste Manifest

EPA has revised the requirements for Hazardous Waste reporting, creating a Uniform Hazardous Waste Manifest. The new system will:

- standardize the look and contents of the form and continuation sheets
- be able to use manifests from any registered source
- put procedures in place to track certain types of waste. (i.e. waste to destination facilities reject...)

The new Uniform Hazardous Waste Manifest can be used beginning September 5th, 2006.



**Airports Get  
New Guidelines  
on  
Bio-Terrorism**

"Guidelines to Improve Airport Preparedness Against Chemical and Biological Terrorism" has been released and makes concrete suggestions for reducing the risks from Biological and Chemical attacks. Changes suggested in this document are not expected until late 2006.

**Have You  
Checked Out  
Our Newly De-  
signed Web-  
site?**

Designed with the needs of our Customers in mind, our web site features easy access to information about Environmental Management Services, Inc.'s Chemical Services and Millennium Bio-Haz's Medical Waste Disposal. Service and Field technician request forms are available as is the Enviroexpert. Check us out at:

www.enviroexperts.net



# Regulatory Updates

## OSHA Weighs In On HAZWOPER

What responsibilities do employers have to protect their employees in the event of a terrorist attack during which chemical, biological, radiological or nuclear (CBRN) contaminants are released?

According to OSHA, none.

OSHA considers CBRN incidents to be "no different from any other incident where hazardous materials are released," according to Business & Legal Reports. While OSHA may not mandate special protections, other government agencies directed by the National Response Plan, Federal Response Plan or other legal authorities do.

In addition, terrorist events are not the kind of emergencies an employer could reasonably anticipate in the work place.

Hence OSHA's position explained as: "While [HAZWOPER] provides important information on protecting workers, OSHA's task in conveying these protections through employer actions may most effectively be served following a terrorist incident through technical assistance rather than enforcement activity."

During the clean up, "OSHA can and will then take any action, including the enforcement of HAZWOPER"



## Trivia

If you have a metrophobia, you are afraid of:

1. Getting hit by a bus in DC
2. Poetry
3. Becoming a sensitive male with discerning taste, a secret passion for Martha Stewart, gourmet cooking and housekeeping. In other words, a fear of metrosexuals.
4. Not a recognized phobia, we made it up.

Answer is 2: A Metrophobe is afraid of Poetry.

What are Zoonoses?

1. Illnesses communicated from animals to humans
2. Snouts, beaks and black, wet noses.



3. That face a kid makes the first time he goes to the zoo.

4. Not a recognized phobia, we made it up.

Answer is 1: Zoonoses, like the bird flu, can be transmitted from an animal to a human

For more information, you can contact us at

**www.enviroexperts.net**