

4 September 2008

## Chem-Bio News

**1. DRILL TO SIMULATE 'DIRTY-BOMB' ATTACK:** *"The Defense Ministry will hold a first of its kind exercise this week aimed at preparing commanders for scenarios involving a radioactive attack in Tel Aviv with thousands of casualties."*

**2. [BARBADOS] LAB UPGRADE COMING:** *"This assistance, he said, would include technical assistance to **upgrade the Public Health Laboratory to Level 4 biosafety lab capability** which would include handling dangerous organisms." [emphasis added]*

**3. CHEMICAL AND BIOLOGICAL DECONTAMINATION SYSTEM FOR RAIL TRANSIT FACILITIES:** *"This project explored a concept for a rapidly deployable decontamination system to restore rail transit facilities in the event of a chemical or biological agent release in a rail transit subway station."*

**4. WMD COMMISSION TO HOLD HEARING IN NEW YORK ON DANGER OF NUCLEAR AND BIOLOGICAL TERRORISM THREATS:** *"The congressional commission investigating weapons of mass destruction (WMD) proliferation and terrorism will hold its first scheduled public hearing to hear testimony from Mayor Michael Bloomberg, Tom Brokaw, former Senator Sam Nunn, law enforcement and other witnesses on the danger posed by nuclear and biological terrorism."*

## Chem-Demil News

**1. DCD [DESERET CHEMICAL DEPOT] PLANS TO BUILD INCINERATOR:** *"With a 2012 deadline looming for destruction of all chemical weapons stored at Deseret Chemical Depot, depot officials are proposing building a new small-scale liquid incinerator to speed up destruction of GA nerve agent and Lewisite blister agent."*

**2. PUEBLO CHEMICAL DEPOT - STATE FILES SUIT TO HOLD FEDS TO CLEANUP DATE:** *"The state Department of Public Health and Environment filed suit Tuesday in U.S. District Court seeking a court-ordered deadline for the breaking down and neutralizing of the mustard agent and toxic chemicals at the depot."*

# CB Daily Report

## Chem-Bio News

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### DRILL TO SIMULATE 'DIRTY-BOMB' ATTACK

By Yaakov Katz

The Jerusalem Post

August 31, 2008

"The Defense Ministry will hold a first of its kind exercise this week aimed at preparing

commanders for scenarios involving a radioactive attack in Tel Aviv with thousands of casualties.

The drill is being run by the ministry's National Emergency Authority, which was established following the Second Lebanon War. The drill will be held on Tuesday at the ministry's headquarters in Tel Aviv."

"This is the first time that all of the country's relevant authorities will be tested in real time on how to respond to a dirty bomb and not a missile attack," a defense official said.

The goal of the exercise will be to test authorities' ability to quickly identify a contaminated scene, isolate it, neutralize the chemical or biological agent, and treat and evacuate the wounded."

The full article can be found at: <http://www.jpost.com/servlet/Satellite?cid=1220186492559&pagename=JPost%2FJPArticle%2FShowFull>

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## [BARBADOS] LAB UPGRADE COMING

NationNews.com

September 1, 2008

"Barbados' Public Health Laboratory is being upgraded to handle dangerous organisms including anthrax and those responsible for transmitting SARS."

"Estwick explained that the Public Health Laboratory was paired with the Utah State Public Health Laboratory and the alliance would result in the provision of free laboratory management system software and hands-on training for laboratory personnel in the use of the system.

This assistance, he said, would include technical assistance to ***upgrade the Public Health Laboratory to Level 4 biosafety lab capability*** which would include handling dangerous organisms. [emphasis added]

Estwick also affirmed Government's commitment to have the island's four laboratories - the Public Health Laboratory, the Leptospira Laboratory, the Ladymeade Reference Laboratory and that at the Queen Elizabeth Hospital - accredited."

The full article can be found at: <http://www.nationnews.com/story/292529420772523.php>

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## CHEMICAL AND BIOLOGICAL DECONTAMINATION SYSTEM FOR RAIL TRANSIT FACILITIES

“This project explored a concept for a rapidly deployable decontamination system to restore rail transit facilities in the event of a chemical or biological agent release in a rail transit subway station.”

“The heart of the system is the electrostatically charged aerosol decontamination (ECAD) capability conceived by Foster-Miller. Although this core technology has been demonstrated in a number of other applications, none has been as large, as complex, or as challenging as a rail transit station.

The basic concept is similar to one used for cleaning subway facilities today, but differs in configuration of the automated car and the unique decontamination delivery system. The car will carry the ECAD system that Foster-Miller first developed for the Army’s Chemical Demilitarization program.

The ECAD nozzles incorporated into the system both aerosolize and charge liquid droplets produced from any stored aqueous solution. The effect of this aerosolization and charging is a fine mist that is attracted to all surfaces, providing a coating of disinfectant on even hard-to-get-at locations. In concert with the nozzles, the automated car is expected to be equipped with the necessary compressor, reagent storage, power conversion and related equipment. Also, as depicted in Figure 1, the system is envisioned to have extendable booms capable of being expanded and moved to deliver the reagent to remote, difficult-to-reach locations within the transit facility.”

“This project evaluated the concept of a track-mounted decontamination capability that could be readily deployed in the event of a chemical or biological agent release. Follow-on work would be needed to develop a prototype system. The participation of WMATA [Washington Metropolitan Area Transit Authority] in this project and the stated interest in the ECADS capability for transit decontamination and disinfection applications by other transit agencies and port authorities, such as Massachusetts Bay Transportation Authority (MBTA), South Eastern Pennsylvania Transportation Authority (SEPTA), and Port Authority Trans Hudson (PATH), will aid in the deployment of this system after it is evaluated.”

The full article can be found at: <http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2254>

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## **WMD COMMISSION TO HOLD HEARING IN NEW YORK ON DANGER OF NUCLEAR AND BIOLOGICAL TERRORISM THREATS**

PRNewswire

September 3, 2008

“WHAT: The congressional commission investigating weapons of mass destruction (WMD) proliferation and terrorism will hold its first scheduled public hearing to hear testimony from

Mayor Michael Bloomberg, Tom Brokaw, former Senator Sam Nunn, law enforcement and other witnesses on the danger posed by nuclear and biological terrorism.

The bi-partisan commission, established by Congress to implement a key recommendation of the 9/11 Commission, will recommend specific actions the U.S. government can take to prevent the spread of WMD and terrorism. The Commission chairman is former U.S. Senator Bob Graham of Florida. Former U.S. Senator Jim Talent of Missouri is vice-chairman. Members include former Congressman Tim Roemer and Ambassador Wendy Sherman.

WHEN:

Wednesday, Sept. 10, 2008; 8:45 a.m.-1:00 p.m.

WHERE:

Alexander Hamilton U.S. Custom House

One Bowling Green

New York, NY

Auditorium, basement level"

The full article can be found at: [http://www.bizjournals.com/albany/prnewswire/press\\_releases/New\\_York/2008/09/03/DC31973](http://www.bizjournals.com/albany/prnewswire/press_releases/New_York/2008/09/03/DC31973)

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## ***Chem-Demil News***

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### **DCD [DESERET CHEMICAL DEPOT] PLANS TO BUILD INCINERATOR**

By Jamie Belnap

Tooele Transcript Bulletin Online

September 2, 2008

"With a 2012 deadline looming for destruction of all chemical weapons stored at Deseret Chemical Depot, depot officials are proposing building a new small-scale liquid incinerator to speed up destruction of GA nerve agent and Lewisite blister agent.

However, approval of that plan will depend upon the findings of an environmental assessment, which is currently underway and scheduled to be concluded by December.

GA and Lewisite, which make up a small portion of DCD's original stockpile of chemical weapons, were originally in line to be destroyed at the Chemical Agent Munition Disposal

System facility — a research and development facility separate from incineration operations going on at the Tooele Chemical Disposal Facility. Both agents were originally scheduled to be destroyed during a lull in regular operations during the mid '90s — GA via incineration and Lewisite via neutralization.

However, because of scheduling issues and, later, technical issues, that plan was abandoned and the agents were put back into storage until another alternative could be found. Officials are now re-addressing the destruction of these agents with the current proposal."

The full article can be found at: [http://www.tooeletranscript.com/pages/full\\_story?page\\_label=home\\_top\\_stories\\_news&id=212709-DCD-plans-to-build-incinerator&widget=push&article-DCD-plans-to-build-incinerator%20=&instance=home\\_news\\_left&open=&](http://www.tooeletranscript.com/pages/full_story?page_label=home_top_stories_news&id=212709-DCD-plans-to-build-incinerator&widget=push&article-DCD-plans-to-build-incinerator%20=&instance=home_news_left&open=&)

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## **PUEBLO CHEMICAL DEPOT - STATE FILES SUIT TO HOLD FEDS TO CLEANUP DATE**

By Mark Jaffe and Felisa Cardona

The Denver Post Mobile Edition

September 3, 2008

"The state Department of Public Health and Environment filed suit Tuesday in U.S. District Court seeking a court-ordered deadline for the breaking down and neutralizing of the mustard agent and toxic chemicals at the depot.

"There have been so many delays," said Gary Baughman, director of the state's hazardous materials and waste management divisions, "we felt we needed an enforceable schedule."

The full article can be found at: <http://m.denverpost.com/topic/379-Denver%20&%20The%20West/articles/158883249>

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