

**Flagler County EOC**  
1769 E. Moody Blvd  
Bunnell, Florida 32110  
**Thursday, May 16, 2013 - 10:00a.m.**

- I. Call to Order**
- II. Introductions, Pledge of Allegiance, and Roll Call**
- III. Welcome New Membership**
- IV. Approval of February, 2013 meeting minutes \***
- V. Old Business**
  - A. Hazardous Materials Emergency Preparedness Grant
    - i. Planning – Commodity Flow Study
    - ii. Training – Upcoming Classes
  - B. Hazards Analysis Update
    - i. Program Updates
  - C. Biennial Exercise Committee
- VI. New Business**
  - A. Training Task Force Update
  - B. LEPC Chair/Staff Meeting
  - C. SERC Meeting
- VII. Reports**
  - A. Treasury Report
  - B. Training Committee
  - C. Hazardous Materials Release Report
- VIII. Other**
  - A. Presentation by the National Weather Service – Jacksonville Office
  - B. Clay County - After Action Report
  - C. Flagler County – TBD
  - D. West, Texas Explosion
- IX. Public Comments**
- X. Adjournment\***

\*Denotes Action Required

# TAB III

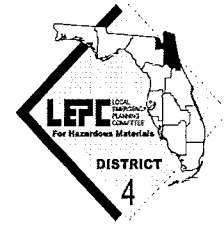
## District 4 LEPC - Membership

<b>Primary Name</b>	<b>Occupational Category</b>	<b>Alternate Name</b>
Chief Michael Bazanos	<i>Firefighting</i>	
Henry Bonar	<i>Facility Owner</i>	Amy Pilgrim
Morrison Braren	<i>Non-Elected Local Official</i>	
Terry Carr	<i>Local Environmental</i>	Jean Richards
Sandi Courson	<i>Health</i>	
Paul Christ	<i>Transportation</i>	Michelle Sanders
Bill Decker	<i>Local Environmental</i>	
Sheriff Joey B. Dobson	<i>Law Enforcement</i>	Adam Faircloth
Brad Elias	<i>Health</i>	
Lenny Ensalaco	<i>Firefighting</i>	Rolf Preuss
George Faucher, Jr.	<i>Firefighting</i>	
Gerry Gividen	<i>Interested Citizen</i>	
Ben Huron	<i>Interested Citizen</i>	
Martha Ira	<i>Local Environmental</i>	Karl Reno
Gracie Kennedy	<i>Local Environmental</i>	Matthew Harris
Chief Richard Knoff *	<i>Firefighting</i>	Jonathan Lamm
William Lord	<i>Facility Operator</i>	
Steven Millican	<i>Emergency Management</i>	
James Murphy	<i>Community Group</i>	
Quin Romay	<i>Emergency Management</i>	Ryan Simpson
John Russell	<i>Local Environmental</i>	
John Scott, III	<i>Firefighting</i>	
Andy Sikes	<i>Hospital</i>	
Harvey Silcox	<i>Firefighting</i>	Danny Yeager
Chief Joel Sneed	<i>Firefighting</i>	John Contestabile
Roger Studenski	<i>Transportation</i>	David Dunkley
John Ward	<i>Emergency Management</i>	Maria Haney
Ken Wilkey **	<i>Facility Operator</i>	Mark Logue
Mike Williams	<i>Law Enforcement</i>	James Watford
<b>Chairperson *</b>	<b>Vice-Chairperson **</b>	<b>as of 5-5-13</b>
<b>Quorum = 9 Members</b>		

# TAB IV



**Northeast Florida  
Local Emergency Planning Committee**  
Wednesday, February 13, 2013



10:00 a.m.

## MINUTES

A meeting of the District IV Local Emergency Planning Committee was held on Wednesday, February 13th, 2013, at 10:00 a.m., at the Northeast Florida Regional Council, 6850 Belfort Oaks Place, Jacksonville, Florida 32216. Chair Richard Knoff called the meeting to order with the following members:

### Present

Chief Michal Bazanos – Firefighting  
Ms. Amy Pilgrim for Henry Bonar – Facility Owner  
Mr. Morrison Braren – Senior Planner  
Mr. Terry Carr – Local Environmental  
Ms. Sandi Courson – Health  
Ms. Michelle Sanders for Paul Crist – Transportation  
Mr. Adam Faircloth for Sheriff Joey Dobson – Law Enforcement  
Brad Elias, M.D. – Health  
Chief Lenny Ensalaco – Firefighting  
Mr. Gerry Gividen - Interested Citizen  
Mr. Benjamin W. Huron – Interested Citizen  
Ms. Gracie Kennedy – Local Environmental  
Chief Richard Knoff – Firefighting  
Mr. Steven W. Millican – Emergency Management  
Mr. James Murphy – Community Group  
Mr. John Russell – Local Environmental  
Lt. John W. Scott, III – Firefighting  
Chief Harvey Silcox – Firefighting  
Chief Joel Sneed - Firefighting  
Mr. Ken Wilkey – Facility Operator

### Guests:

Robert Crosby, Department of Homeland Security  
Chris Porter, USCG  
Evangeline Gormley, USCG  
Brian Gibson, FDEM  
Lt. Jonathan Lamm, Alternate for Chief Knoff

### Staff Present:

Eric Anderson and Bonnie Magee

### Excused

Mr. Bill Decker – Local Environmental  
Mr. George Faucher – Firefighting  
Ms. Martha Ira – Local Environmental  
Mr. William Lord – Facility Operator  
Mr. Roger Studenski – Transportation  
Mr. John Ward – Emergency Management  
Mr. Quin Romay – Emergency Management

### Absent

Mr. Andy Sikes – Hospital  
Chief Mike Williams – Law Enforcement

Chairman Knoff welcomed everyone to the LEPC Meeting. All rose for the Pledge of Allegiance. After calling roll, it was determined that quorum was met. The Chairperson took a few moments to introduce the newly appointed members (Mr. John Russell, Local Environmental; James Murphy now representing the Community Group and Ben Huron, Interested Citizen for Local Environmental) and welcomed the guests.

### **\*APPROVAL OF MINUTES**

**Chair Knoff called for a motion to approve the November 14, 2012 minutes. A motion to approve was made by Lt. John Scott, seconded by Ms. Gracie Kennedy. The motion carried unanimously.**

### **OLD BUSINESS**

**Hazardous Material Emergency Preparedness Grant:** Mr. Anderson stated that the HMEP grant is comprised of two components: Planning and Training. He we have not yet started the Commodity Flow Study, which will use the planning portion of this grant. It is anticipated the study will begin in the April/May time frame to meet the June deliverable date.

The Training aspect of the funding was used to send 42 responders to the HazMat Symposium at Fire/Rescue East in Daytona Beach. After the bills from the symposium are settled, Mr. Anderson believed there would be \$18,000 left in training for this cycle. The Training Committee would be getting together to identify future training opportunities immediately follow the LEPC meeting.

**Hazards Analysis Update:** Mr. Anderson explained that this also included two parts. The Hazards Analysis Site Visit results were due to the State on February 1st for all seven counties. The LEPC staff takes care of five of the counties: Baker, Clay, Nassau, St. Johns and Putnam, the reports for which have been submitted. Flagler and Duval take care of their own hazards analysis site visits. Once the approval has been received, Mr. Anderson will create discs which will be forwarded to the first responders and Emergency Managers throughout the Region.

The second aspect is the Hazards Analysis Site Visits, for which the State is looking to make changes on the way these are done. The State feels the current system can be handled by new computer technology and therefore we should change to better use program dollars. They feel there is value in the face-to-face aspect of the program, but haven't made any decisions on how this is going to change. There are no real recommendations yet, but Mr. Anderson will pass along information as it is received.

### **NEW BUSINESS**

**Training Task Force Update:** Lt. Lamm discussed the HazMat Symposium that was held at Fire/Rescue East. The HazMat Symposium went very well. On the first day, there were 102 attendees and the second day there were 121 in attendance. Lt. Lamm discussed the eight classes that were offered, saying that the wall in one of the break-out room had to be moved to accommodate all the attendees. He complimented the instructors who donated their time as well as Lt. John Scott and Eric Anderson, who did a lot of the work to pull the symposium together. Our district had the largest attendance at the seminar. Lt. Lamm said a huge message was sent to the other LEPC districts about the value of the training. He feels there will be an even better turnout next year. This is not about us, it's about educating the responders and the

private industry people. The comments felt that more hands-on training will be valuable for next year's training.

Chair Knoff commented on the excellent attendance response with 42 with an almost equal response from all the counties (Baker sent 7, Nassau sent 9, Putnam sent 6, Clay sent 8, Flagler sent 6, St. Johns sent 6).

Mr. Terry Carr commented on the symposium addressing both the private and public sector. **Mr. Carr made a motion to write and send a letter of appreciation to each of the volunteers and staff involved in putting on the symposium. The motion was seconded by Gracie Kennedy and was unanimously approved.**

Lt. Lamm will draft a letter detailing what was accomplished and provide the names and addresses to Eric Anderson, who will send the letter to the appropriate parties.

Eric Anderson provided information on the other items covered at the task force meeting, which included that Transcaer will be coming September 10 – 13 at the Fire College in Ocala. Training will focus on chlorine, ethanol and anhydrous ammonia and will be free of charge. The LEPC will pay for lodging and per diem costs. More information will be forthcoming.

The State is going through the Training and Exercise Planning (TEP) to develop regional and statewide training calendars/needs for the next three year cycle. Our local Training Committee will be getting together within the next month or two to identify classes to be put on that list.

The State Fire College will be conducting training on Anhydrous Ammonia for Safety Day on April 17, 2013. As soon as Mr. Anderson receives further information, he will get it out to the membership.

The State Homeland Security Grant Program hazardous materials teams recently conducted self-assessments. Mr. Anderson said the scores came back with a 96.8% for the regular teams and 91.4% for the advanced teams. He asked if anyone present from the HazMat side could provide further information on this. Chair Knoff said these figures show a slight increase in readiness. There are 30 regional HazMat teams that the State funds through the grant program. The funds are decreasing annually from the Federal Government through the State, so all the teams are trying to show their response capability, equipment staffing, training, certification and several other operating procedures. In order to save money normally spent on hiring outside firms to do the assessment, they performed their own. Mr. Anderson informed the group that if they wished to conduct a self-assessment, information was available through FDEM, which he would be happy to provide to anyone interested.

The Florida Department of Environmental Protection will be providing a Hazardous Materials Sampling Course. Gracie Kennedy said she had briefly heard about this, but had no definitive information. Mr. Anderson said he would continue to check on it and provide information to the members.

The next SERC Training Task Force conference call is set for February 20, 2013 at 1:30. The next scheduled meeting of the Task Force is April 4, 2013.

**LEPC Chair/Staff Meeting:** Mr. Anderson said that the only thing really touched on was the large changes to E-Plan and the Tier II reporting. The State decided to get rid of HMIS and implement E-Plan, which we were told will solve a lot of our problems. The State rolled this out pretty quickly and continues

to troubleshoot some of the problems. They have had a high call volume from people who are trying to access the new system and implement the program.

Mr. Anderson stated that the LEPC would be holding a workshop here at the Council this afternoon in an effort to offer assistance. Lt. Scott and Mr. Anderson will be assisting participants with registering on E-Plan, getting their facility registered and navigating the new system. It is hoped that there will be a 90% reporting rate through the new electronic reporting system.

Lt. Lamm said he and Lt. Scott have been working with private industry on this and let members know that Lt. Scott is well versed in the E-Plan system. He said the current disparity is quite high and this is an issue that significantly affects our first responders. We know there are problems, but we need to educate our private and field personnel, it will hurt us. Lt. Scott thanked everyone who has been working with him on this and said that at present it might not be the best system in the world, but it has everyone working in the right direction.

Vice-Chairperson Wilkey said information regarding today's E-Plan class was sent to the First Coast Manufacturing Association in the hopes that they will attend. Lt. Scott said he has met with JEA and some other agencies to actually walk them through registration so they could get their reports submitted. Chemical information is due by March 1. Mr. Anderson said he expects his call volume for technical assistance to increase during the last weeks of February leading up to the due date.

**SERC Meeting:** Mr. Anderson said the SERC meeting [of January 25, 2013] basically covered the same material as the previous meetings. The annual awards were presented and the LEPC Membership rolls were approved. Supplemental Environmental Projects were discussed, which would enable facilities to do projects, in lieu of fines for a chemical release, which would better their community, provide better information to first responders. All LEPC's have submitted a list of what they would like to see happen, but the State would like to see what could help us specifically in our district. He said that over the next year, we will be working with FDEM staff to put more context to the general list and provide additional projects.

**E-Plan and Tier II Reporting:** Chair Knoff said this has been covered. He felt that we are not quite there yet with providing information electronically to the rural fire departments. Not all the fire departments are reporting State Fire Incident Reports electronically. This will occur over time, as technology improves, especially since a lot of rural fire departments are volunteer based.

**Bi-Annual Exercise:** Mr. Anderson said that there is a requirement to complete the biennial exercise next year. He said he would like to form an exercise committee to tackle the objectives and scenarios to create and complete the exercise. Since we only meet four times each year, it would be advantageous for the committee to meet immediately following the LEPC meetings for perhaps an hour to go over what we need to do so we can execute the exercise next winter, when the weather is more favorable. Ms. Gracie Kennedy has volunteered to be on the committee and Mr. Anderson said he would email the membership after today's meeting to see who else would like to be involved. He is hoping to have a variety of disciplines involved on the exercise committee. Chair Knoff said he anticipates having the committee in place at the next LEPC meeting and asked members to contact Mr. Anderson. Under the HMEP contract, Mr. Anderson said that one of the requirements is to conduct an exercise as well. He said that the two pools of funds could be used to conduct one exercise, provided all requirements are addressed in the one exercise. He said the requirements for each fund were contained in the packets provided.



## REPORTS

**Treasurer's Report** – Chair Knoff said there is currently a balance of \$3,878 in the LEPC account.

**Training Committee Report** – Chair Knoff explained that Mr. Anderson had included a Training Request form for future requests for training in today's packet, which will go to Chief Silcox, chair of the Training Committee. Mr. Anderson said he has not received a Training Request Form in over a year and there are training dollars we can spend. Chief Silcox said that he had received one request but was in agreement that more forms should be submitted for training requests.

**Hazardous Materials Release Report** – Mr. Anderson said that the tables included in the packet provided a breakdown of hazardous materials incidents within the district. As District 4, he explained that in Table 1, there was an Anhydrous Ammonia leak at one of the breweries and an Ethylene Glycol release at an auto repair shop. Vice-Chairperson Wilkey informed the group that the Anhydrous Ammonia leak occurred at his facility. He said there was a liquid pipeline, which penetrated the wall, which developed a leak inside the wall. It was isolated quickly. It was initially reported pursuant to company policy, since they were not sure of the quantity. It turned out not to be a large enough quantity to warrant reporting. In reaction to this leak, the company is going through all of the pipelines which penetrate walls and has listed them as a capital project for replacement.

Mr. Terry Carr said an incident occurred at JIA where a fuel truck struck a post, punching a hole in the tanker and causing 7,800 gallons of Jet A fuel to be leaked onto the tarmac and into the stormwater retention. They were able to recover approximately 2,300 gallons from the stormwater system and they are now excavating the soil just outside of the taxi area. The leak and excavation is not affecting any of the flights, since it is outside the taxi area. There were a lot of JFRD responders. Signature Flight hired SWS Environmental to do the clean-up work. Also, an environmental contractor has been hired to oversee the work. JIA also has its environmental contractor onsite to ensure their satisfaction with the work.

Mr. Anderson said that under Table II, there was one evacuation in Clay County. Chief Silcox explained that a construction crew struck a feeder line into a neighborhood next to a church school. Students had to be evacuated to another part of the campus while TECO Gas repaired the line. There were no injuries and no fatalities. He said this is a common occurrence due to all the construction going on. TECO Gas handled the leak within an hour. Discussion ensued regarding the difficulty of locating lines in older areas, as the maps do not always show the exact location. Chief Silcox said that as TECO continues to replace and repair lines, they are making changes to the mapping. Chief Silcox said that lines are now wired to make it easier to locate them. Other times the company may find an electrical line and begin digging away from it, but strike another line that was not labeled properly on the map.

Under Table III, Mr. Anderson said there were two incidents: one in Duval County involving Natural Gas and one in Flagler County involving Sulfuric Acid. He asked if any of the members present had any information on either of these incidents. Lenny Ensalaco explained that the Flagler incident involved a van carrying automotive batteries, which blew a tire, rolled over and struck a guard rail. The van's roof was ripped open, ejecting 35 batteries. It was a major clean-up. The tow truck company contacted Chief Sneed to see if response was necessary, since nothing leaked from the batteries. Gracie Kennedy said her organization responded to neutralize the area. The driver was taken to the emergency room for de-con.

Mr. Anderson said that Graph II on the back page contained all the information shown in the Tables for each district.

Chair Knoff said that Clay County did a regional exercise on February 12<sup>th</sup> at the Clay Port and he will provide a more in depth report at the next meeting.

## OTHER

Chair Knoff said he would like to recognize members who received awards at the SERC meeting, starting with the Thomas Yatabe Award which was given to Lt. Lamm. Chair Knoff read a summary of Lt. Lamm's contributions and achievements and then delivered the award to him.

The second award was a Certificate of Appreciation to Chief Ty Silcox, who received the award for his contributions to the District. Chair Knoff delivered the award after reading a summary of Chief Silcox's achievements.

Chair Knoff explained that the presentation by the National Weather Service has been cancelled due to the current weather conditions. It will be rescheduled for the May LEPC meeting.

**Next Meeting** - Chair Knoff said that the next meeting is scheduled for May 8<sup>th</sup> at the Flagler County Emergency Operations Center. It has been requested that the meeting be moved to May 15<sup>th</sup> due to the Governor's Hurricane Conference, which Mr. Anderson is scheduled to attend. It was noted that the RDSTF Face-to-Face meeting is also scheduled for May 15<sup>th</sup>. After some discussion, it was decided that **Thursday, May 16, 2013 at 10:00 am worked best for the group.** The availability of the Flagler EOC will be double checked and the group will be notified of any change. Mr. Anderson asked any member who would not be able to attend to contact him.

Steve Millican, Emergency Manager at Naval Station Mayport, said that on March 20, 2013, NOAA and the National Weather Service will be holding their "Atlantic Basin Tsunami Exercise." This is more of an awareness program, since Mayport has a substantial amount of government property. He urged any member with beach front or coastal assets to attend this tabletop exercise at Naval Station Mayport, starting at 8:00 am. This is also their triennial recertification for Storm Ready/Tsunami Ready. The Coast Guard and National Weather Service will be in attendance. Mayport is the only naval base in the world Tsunami-Ready certified through the National Weather Service. A lot of other facilities contact Mayport about how they respond and move assets when this type of event occurs. He invited the membership to come out to attend. Al Sandrick will be making a presentation. He will provide additional information to Mr. Anderson.

Chair Knoff asked if invitations were sent to the coastline emergency management groups and county emergency managers. Mr. Millican said he spoke with Director Jacobson as far as a Duval County initiative, but he should be able to stretch it as far north and south as they would like. Mr. Millican said he expects the tabletop to run from 8:00 am to noon, depending on the number of questions and discussion on integration.

## PUBLIC COMMENTS

No public comments were offered.

## ADJOURNMENT

There being no further business to come before the board, the meeting was adjourned at 11:18 am.

DRAFT

**TAB V-A**

# MEMORANDUM

**DATE:** May 5, 2013

**TO:** District IV Local Emergency Planning Committee

**FROM:** Eric B. Anderson, LEPC Staff

**RE:** Hazardous Materials Emergency Preparedness (HMEP) Planning and Training Grant

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Grant agreements/contracts have been received from the Florida Division of Emergency Management for the 2012/2013 fiscal year. A total contract amount \$58,370 has been allocated for HMEP Planning and Training related activities. Refer to the sections below for more specific information regarding the grant.

## **HMEP Planning**

HMEP Planning was allocated \$20,000 to implement one annual project. LEPC staff has begun a *Commodity Flow Study*, which identifies hazardous materials and extremely hazardous substances transported over selected Interstate and U.S. Highway corridors.

Observations at key points have already begun. Data is being collected and analyzed. The final report will be submitted to FDEM in June, and the final report data will be included in the LEPC Plan, which is going through revision in preparation for review.

*Attached - Commodity Flow Methodology \**

## **HMEP Training**

HMEP Training was allocated \$38,370 for the 2012/2013 fiscal year. The remaining Training dollars are encumbered for use in three (3) upcoming training opportunities.

- 1) Eight (8) members of the regional HazMat Response Teams will be attending the International Hazardous Materials Response Teams Conference on June 6-9, 2013. This will provide 30 hours of training for each individual attending.
  - a. *Attached – Conference Courses\**
- 2) Four (4) responders will be completing an Advanced HazMat Life Support Course on May 8-10, 2013.
  - a. *Attached – AHLS Syllabus\**
- 3) 25 Members of Nassau County Fire/Rescue will be participating in a 16 hour course for Hazardous Materials Incident Command May 7-8, 2013.
  - a. *Attached – HazMat IC Syllabus\**

# Attachment 1

## Methodology

One team member will be responsible for conducting the placard survey of trucks carrying extremely hazardous substances (EHSs). They will record the observation location, date and time, direction of travel, weather temperature, name of carrier, placard number, substance and container type. This information will then be entered electronically for further review and analysis.

Nine key Interstates, state roads and U.S. highways have been acknowledge as common routes that EHSs and hazardous materials are being transported on within the Local Emergency Planning Committee (LEPC) District 4. Of the nine, five are North- South bound (I-95, SR 16, US 1, US 301 & US 17), two are east- west (I10 & US 90), one runs northwest- southeast (SR 100) and the last circles around the city of Jacksonville (I-295). Although most of the observations will be done directly off of the subject highway, we are currently in contact with an employee at the weigh stations in various counties who may allow us to observe from their facility as well.

The corridors of focus and the counties they will be observed in are:

### Primary North/South Corridors

- I-95 Nassau County
- I-95 Flagler County
- US 17 Clay County

### Primary East/West Corridors

- I-10 Baker County
- US 90 Duval County
- SR 100 Putnam County

### Alternate sites if time allows

- I-295 Circumnavigates Jacksonville
- SR 16 St. Johns County

Surveys conducted on major interstates and highways will be done for a minimum of two hour periods and a minimum of three hour periods for the state roads and minor highways. In order to gather the most accurate data for the study, surveys will be conducted during morning and afternoon business hours and at several locations of each of the subject roads.

# **Attachment 2**



# INTERNATIONAL HAZARDOUS MATERIALS

Response Teams Conference

2013

## GREAT LOCATION, UNBEATABLE VALUE.

For 30 years, hazmat teams and leaders have attended the International Response Teams Conference because it features:

- **OUTSTANDING** subject matter experts
- **UNIQUE** field trips and hands-on training opportunities
- **AN INTIMATE EDUCATION** feeling in a convenient location

### ATTENDEES:

- Hazmat response teams
- Emergency planning committees
- EMS managers and planners
- Local emergency planning committees
- Maritime-industry personnel
- State emergency-response commissions
- Transportation and distribution personnel
- Counterterrorism professionals and specialists
- Environmental and emergency staff from federal facilities
- First responders from fire, EMS and law-enforcement agencies



## INTERNATIONAL ASSOCIATION OF FIRE CHIEFS (IAFC)

For 140 years, the IAFC has been providing leadership to career and volunteer chiefs, chief fire officers, company officers and managers of emergency services. The IAFC represents the leadership of more than 1.2 million firefighters, and our members are the world's leading experts in firefighting, emergency medical service, terrorism response, hazardous materials, natural disasters, search and rescue, and public-safety legislation.

## SCHEDULE AT-A-GLANCE

*\*All dates and times are subject to change*

### THURSDAY, JUNE 6

Preconference Sessions 8:00 am – 5:00 pm

### FRIDAY, JUNE 7

Breakout Sessions 7:30 am – 9:00 am  
 Opening General Session 9:10 am – 11:00 am  
 Lunch 11:30 am – 1:00 pm  
 Exhibit Hall Open 11:30 am – 6:00 pm  
 Breakout Sessions 1:00 pm – 5:40 pm  
 Networking Reception in Exhibit Hall 4:30 pm – 6:00 pm

### SATURDAY, JUNE 8

Breakout Sessions 8:00 am – 11:00 am  
 Exhibit Hall Open 9:30 am – 1:00 pm  
 Lunch 11:00 am – 1:00 pm  
 Breakout Sessions 2:00 pm – 4:50 pm

### SUNDAY, JUNE 9

Breakfast 8:00 am – 9:00 am  
 Closing Session 9:00 am – 11:00 am

Baltimore City Fire Department IAFC Industrial Fire and Safety Section

Baltimore County Fire Department TRANSCAER®

## THURSDAY, JUNE 6

8:00 am - 11:00 am

### PC01: Continuing Challenges for Responders Dealing with Ethanol

As with all hazmat incidents, responders need to identify, those and develop written plans to help mitigate the incident. Ethanol responders continue to challenge responders. Recent incidents during the transportation of ethanol have caused a reevaluation of tactics and response plans. This session will look at these incidents.

*Richard Miller, SME for Hazmat Fusion Center, International Association of Fire Chiefs*

8:00 am - 12:00 pm

### PC02: Principles of Gas Detection for Common Handheld Detectors

A comprehensive course in the fundamentals of basic gas detection for confined space entries and in hazmat type incidents.

*Chris Wrenn, Senior Director of Sales and Marketing, EnviroNics USA*

### PC03: Implementing Full Capability GCMS in Hazardous Materials Incidents

Several trends have converged enabling the integration of lab quality, full capability gas chromatograph/mass spectrometers into hazmat response operations. Properly deployed, these instruments designed for mobile use become powerful tools in the task of identifying and characterizing unknown gases, liquids, and solids. The class will cover the integration process.

*Steve Propper, Chemist Hazmat Instructor, Tacoma (WA) Fire Department; William Miller, Firefighter Hazmat Technician, Tacoma (WA) Fire Hazmat*

### PC04: Dealing with Heat Stress

This 2-part (3-hour) seminar addresses heat stress management in hazmat and fire operations. Part 1 deals with causes and prediction of heat stress. Part 2 deals with effective remediation - accessing the severity of the heat stress, effective cooling and rehydration methods, and return to work criteria.

*James Zeigler, Principle, J. P. Zeigler, LLC; David Hostler, Research Associate Professor, Emergency Responder Human Performance Laboratory, University of Pittsburgh, Department of Emergency Medicine*

**PC05: TRANSCAER® MultiSpec/Multicomp**  
The classroom portion of this module includes anatomy of a cargo tank 101, during which several DOT specification cargo tanks and trailers will be covered, including discussion of various cargo tank incidents and related emergency response. The outside portion of this module will cover a walk-around explanation of the various safety features found on cargo tank trailers. We will have a specialized training trailer that consists of three different specifications: MC307, DOT407 and MC312 - the "work horses" of the cargo tank hauling industry. This session will repeat in the afternoon.

*Gene Patten, Vice President, Corporate Responsible Care Coordinator, Dana Transportation Companies*

### PC06: TRANSCAER® 406 Gasoline Tanks

This session will explore DOT-406 gasoline cargo tank features, operating systems, and lessons learned that must be taken into account in the event of a roll-over, fire or other emergency involving this type of vessel. This session will repeat in the afternoon

*Carlos Juarez, Regional Safety and Security Manager, Kenan Advantage Group*

### Tour of Northrop Grumman's Semiconductor Fab (Off-Site)

There are over 400 different chemicals that are utilized in the manufacturing of integrated semiconductor devices. Learn what the hazards are and how you as the first responder can deal with them safely. *Please pre-register. Space is limited.*

*Dominic Pompa, Fellow Engineer, Northrop Grumman*

8:00am - 5:00pm

### PC07: Hazmat Officer Competency Lab

This interactive workshop challenges responders with realistic scenarios using state-of-the-art simulation software and real-time atmospheric readings via LightsOn wireless monitors. Participants are guided through the development of an effective and safe Incident Action Plan (IAP) for a scenario. Each scenario is completed with a brief review to discuss what went right and what could have been done differently. The scenarios get progressively more challenging and everyone has an opportunity to participate in various roles. This workshop is ideal for those who would like to learn how to develop an effective IAP and hone their skills by experiencing a complete "hands-on" hazardous materials incident in the classroom before being thrown into the mix at an actual incident.

*Rick Emery, President, Emery and Associates, Inc.; Gregory Socks, Captain (Ret.), Montgomery County*

*(MD) Hazardous Material Response Team; Roy Burt, Harris County (TX) Hazmat; Glen Rudner, Trainer and Consultant, The Olson Group; Susan Stangl, Lieutenant, Seattle (WA) Fire Department; and Jeff Smith, Lieutenant, Redmond (WA) Fire Department*

### PC08: Hazmat Medix

This session identifies and explores medical issues for emergency medical personnel. It is designed for emergency medical personnel who have medical responsibility at a hazardous material event.

*Armando Bevelacqua, MBCA LLC Partner, Murphy Bevelacqua Consultants and Associates; and Michelle Murphy, MBCA LLC Partner, Murphy Bevelacqua Consultants and Associates*

### PC09: A Taste of Tank Truck Specialist

This session will consist of a morning session to build your knowledge of cargo tank trucks and an afternoon session of suit time working simulated incidents on our unique cargo tank models and simulators.

*David Wolfe, General Manager, Safe Transportation Training Specialists, LLC; and Michael Moore, Operations Mgr., Safe Transportation Training Specialist*

### PC10: TRANSCAER® Everything You Wanted to Know About Railcar Emergency Response, But Were Afraid to Ask

This session will cover the basics of railcar anatomy, review case studies, provide an overview of ethylene oxide and cover response considerations and technology implementation that is aiding in safer railcar transport at BASE.

*Thomas McGourty, Manager, North America Distribution Safety and Security, BASF Corporation.*

### PC11: HazMatIQ Above the Line/Below the Line

The HazMatIQ system incorporates our innovative street smart "Cheat Sheets" that enable responders to safely and efficiently respond to any known or unknown chemical or mixture of chemicals. Students taking this course will be able to size-up (physical state, hazards, initial hot zone, choosing correct meters and proper PPE) any chemical in minutes.

*Joe Gorman, Co-Owner/Co-Creator, HazMatIQ; and Cris Aguire, Instructor, HazMatIQ*

### PC12: Complete CAMEO Suite Update

This full day session will update participants on the current CAMEO Suite of products (CAMEOFM, CAMEO Chemicals, MARPLOT, ALOHA), and future plans for the programs. CAMEO is evolving and many new features and abilities will be demonstrated and used by the students.

*Albert Valeriotti, Instructor, AMV Associates, Inc.; and Robert Bradley, Battalion Chief (Ret.), Middletown (CT) Fire Department*

**PC13: Scenario Based Tactical Chemistry**  
This is not your average chemistry class-this is applied chemistry. Chemistry dictates product behavior, storage and transportation, detection and identification, and mitigation tools and techniques. The chemistry of hazardous materials comes alive through chemical demonstrations, scenario-based exercises, and chemical identification exercises using basic and advanced detection and identification equipment.

*Chris Weber, President and CEO, Dr. Hazmat, Inc.; and Richard Dufek, Battalion Chief (Ret.), Carmel (IN) Fire Department*

### PC14: TRANSCAER® Rail Class/Using Dow Safety Training Cars

Come see what all responders need to know about rail cars: how they are built, where they leak, and what repairs work. This eight hour session includes hands on review of car fittings and actual case history reviews.

*Thomas Keefer, DuPont North America Response Manager, Du Pont De Nemours and Company, Inc.; Barry Lindley, DuPont Response Team Leader and Chemist, Du Pont De Nemours and Company, Inc.*

1:00 pm - 5:00 pm

### PC15: Is There Something Out There?

This session will cover how to effectively use sniffers such as PID, FID and MOS sensors to quickly identify if something is out there.

*Chris Wrenn, Senior Director of Sales and Marketing, EnviroNics USA*

### PC16: Advanced Radiation Instrumentation

During this session, responders will practice basic skills and advanced radiological instrument operation techniques. The class will use actual radiation sources and will include a refresher on instrument operations and personnel survey practices.

*Mark Linsley, Assistant Radiation Safety Officer, Pennsylvania State University*

### PC17: Hazmat Scenarios - Pick Your Poison

During this session participants will pick from a variety of scenarios, classified by key discussion points. By working through the key assessment points, students will develop an action plan beginning with selecting the appropriate strategy and working through the details of the tactical decisions.

*Kristina Kreuzer, Research Chemist, DuPont; and William Hand, Training Coordinator, Harris County (TX) Fire Marshal's Office*

## 106: WMD Response - The Operational Reality

The reality of terrorist incidents involving hazardous materials are rarely as portrayed by popular culture. Presented by a member of the FBI Technical Hazards Response Unit, this session will discuss the keys for a successful response to terrorist incidents involving hazardous materials.

*Kevin Johnson, Senior Hazmat Officer, FBI Technical Hazards Response Unit*

## 107: Hazmat Tech Old vs New

This session covers the tried and true methods of hazmat response still being used and taught today.

*Butch Hayes, Firefighter/Hazmat Tech, Houston (TX) Fire Department*

## 108: Radiation Emergencies for Meat-Heads

The potential for radiological emergencies exists in all jurisdictions due to the increased threat of terrorism and the overwhelming use of radioactive materials in medicine and industry. Radiation is frequently skimmed over in hazmat training and this session aims to create a more comfortable coexistence with potential radiological incidents.

*James Greenwood, Firefighter, Santa Fe (NM) Fire Department*

## 109: Hazardous Materials in the Flood Environment

Today's water-rescue teams are looking to hazmat techs for advice during flood operations. This session introduces the hazmat problems that exist during floods. It also introduces the dynamics of moving water, PPE, and appropriate decon. Any hazmat tech that needs to work with water-rescue teams will benefit from this session.

*Joseph Gribbins, Lieutenant, West Windsor (NJ) Emergency Services/NU-TF/USAR*

## 110: Smells, Bells, and Spills

The most common hazmat calls - the smell of gas, CO alarms, and fuel spills - will be discussed. SOG's and ways to train those not assigned to hazmat will be deliberated.

*Jason Krusen, Special Operations Chief, Columbia (SC) Fire Dept*

## FRIDAY, JUNE 7

7:30 am - 9:00 am

## 102: Hazmat Tactics - Building a Play Book for Response to Hazmat/WMD Emergencies

The expanding mission for emergency responders, in addition to the new threats responders face because of terrorism, drives the need for the development of SOG's to respond safely and effectively. The challenge is to develop an ERP that creates key decision points instead of just a long lists of tactics.

*Tony Musoroffi, Lieutenant (Ret.), Fire Department of New York; and Gary Sharp, Hazmat Program Manager, Michigan State Police - Homeland Security Training Center*

## 103: Suicide Bombing - An Israeli Phenomenon

This program will take the participant through the process of how the Israelis have dealt with and prepared for suicide bombers. It will also discuss the responsibilities of each emergency responder and respective organizations as events unfold during such incidents.

*Glen Rudner, Trainer and Consultant, The Olson Group*

## 104: Tricks of the Trade

For every occupation, there is a catalog of secrets known only to those employed in that profession. Armed with twenty two years of experience in the hazmat world, this session's presenter will unveil insider tricks of the trade.

*Michael Magda, Hazmat Team Leader, Western Wayne County (MI) Hazmat Response Team*

## 105: Case Studies - Learning from the Past

Those who do not remember the past are doomed to repeat it. This course covers several important responses from the past and lessons learned.

*Doiglas Rohm, Lieutenant, Madison (WI) Fire Department*

## 111: Hazmat Mechanisms of Injury

Response to hazmat related calls often presents an atmosphere of uncertainty to medical responders. This presentation will attempt to simplify EMS response by looking at major classes of hazmat (based on placarding) and common risks, PPE requirements, safety considerations and medical management of injuries related to each class.

*Fred Haas, Paramedic District Supervisor, Sussex County (DE) Emergency Medical Services; and Jay Shine, Paramedic/HazMed Team Leader, Sussex County (DE) Emergency Medical Services*

## 112: Keys to the Industrial/Municipal Interface

Are you prepared to respond to hazardous materials or fire within an industrial facility in your jurisdiction? Response to industrial facilities such as refineries, terminals, and manufacturing sites has long been a concern to municipal fire departments. Attend this class and learn the keys to safe and efficient industrial/municipal interface.

*Rick Haase, EA, Security Team Leader/Fire Chief, Wood River (IL) Refinery*

## 113: Selection, Care and Use of Chemical Protective Clothing

The session will review the criteria and knowledge required for proper selection, care and use of chemical protective clothing. It will focus on the preparation required prior to use, the limitations during use and the necessary actions or decisions for reuse and/or retirement.

*Philip Mann, Technical Director, Kappler, Inc*

## 114: Animal Decontamination Updated

In the future, shelters must accept companion animals that could be contaminated. Two recently conducted exercises have refined large and small animal decon procedures. Special procedures are necessary to keep from "spooking" animals and creating additional problems. Basic animal behavior is essential and lacking for most responders. Is your team prepared?

*Gene Carlson, Training Officer, York County (PA) Hazmat Team*

## 115: Hazmat Sand Traps

A sand trap is an area of a golf course that can slow or ruin your game. Hazmat response is full of these "sand traps" that cause frustration for responders. We will identify several common problems during responses and

identify training techniques that will allow responders to avoid these traps.

*William Hellard, Hazardous Materials Coordinator, Rogers (AR) Fire Department*

## 116: Breakthroughs In Decontamination Technology

This session will examine new technologies for safe and effective decontamination of CBRN agents from humans, equipment and infrastructure. Methods to be discussed will span the dry decontamination field including; decontaminating gel in multiple dispersant methods, CBRN absorbent and adsorbent material, and decontamination lotion. Lowering costs, reducing waste, increasing safety, and limiting the use of water will also be discussed in detail.

## 117: Chemical Plant 101: Pipes

This session will cover the various types of chemical plant equipment to include: pipes and piping systems, materials of construction, tracing, insulation, fittings, and connectors. It will focus on likely failure points and mitigation techniques for leaks on this equipment.

*Brian Bennett, Chief, Iselin (NJ) Volunteer Fire Company #1*

9:10 am - 11:00 am

## General Session

11:30 am - 1:00 pm

## Lunch and Fashion Show

Join us for lunch in the Exhibit Hall and a fashion show showcasing the latest in hazmat attire. This is a great event you won't want to miss!

11:30 am - 6:00 pm

## Exhibit Hall Open

1:00 pm - 2:30 pm

## 201-A: Understanding Hazard and Risk - Part 1

This program discusses the need for a thorough hazard and risk assessment at a hazmat incident and outlines a process for conducting these assessments.

*Phillip Baker, Hazmat Team Leader, Prince George's County (MD) Fire and EMS Department*

**FRIDAY, JUNE 7**  
1:00 pm - 2:30 pm

**202: Establishing a Regional All-Hazards Hazmat Response Team**

With the ever evolving environment that we work in, hazmat teams are required to establish regional relationships and response capabilities. As grant funding dwindles, hazmat teams are required to find alternative means to meet the response needs of their communities. Find out how one region met the challenge.

*James Bloomfield, Deputy Chief, Wantagh (NY) Fire Department*

**203: Hazmat on the Border**

U.S. Customs and Border Protection (CBP) is the primary agency responsible for securing the borders of the United States. This workshop will address many of the unique aspects of dealing with hazardous materials in the border environment, including enforcement and emergency response issues.

*Stephen McConachie, Chief/Operations Manager, U.S. Customs and Border Protection*

**204: Technical/Special Operations During Terrorism Response**

This session will reveal various technical/special operations that responders may encounter during terrorism/criminal incidents. Members of the FBI's Technical Hazards Response Unit will use case histories to highlight considerations for responders supporting tactical, confined space, high/low angle rope, trench, dive, major transportation, and other similar incidents with a criminal element.

*Kevin Johnson, Senior Hazmat Officer, FBI Technical Hazards Response Unit*

**205: IFR-React - Next Generation PPE**

Is it time for a new standard? The Improved First Responder Ensembles Against CBRN Terrorism (IFREACT) is a European consortium charged with developing the next generation of PPE. IFR-React invites you to a lecture with subject experts on our progress, issues we've encountered and our ultimate goals.

*Dr. Catherine Bertrand, SAMU, Paris, France*

**206-A: Street Smart Hazmat Response (2nd Edition) A Refresher Class in A Book - Part 1**

The new edition of Street Smart Hazmat will hit the streets in the spring of 2013. This training session will use all the new information and

concepts of Street Smart Hazmat such as safe, unsafe and dangerous, hazmat facts of life and street smart chemistry. The new program is designed to be a comprehensive refresher class for first responders to hazmat technicians. This training will be supported by scenario based learning, interactive exercises and live video streaming.

*Michael Callan, President, Callan and Company*

**207: Recalculating - Beginners Guide to Referencing**

Upon completion of this course, the participant will be able to utilize reference materials, chemical databases, and facilities documents during the analysis portion of a hazardous materials/WMD event.

The attendee will utilize a variety of these research methods to establish an Incident Action Plan.

*Michelle Murphy, MBCA LLC Partner, Murphy Bevelacqua Consultants and Associates; and Armando Bevelacqua, MBCA LLC Partner, Murphy Bevelacqua Consultants and Associates*

**208: TRANSCAER® Pipeline Emergency Response Resources**

The session will cover the basics of pipeline operations and considerations for safe and effective pipeline emergency response. The presentation will also cover resources that are available from the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA) and other sources to help emergency responders prepare for pipeline emergencies. This session will improve your awareness of pipeline safety issues and help prepare you to respond to pipeline emergencies.

*Sam Hall, Program Manager, U.S. Department of Transportation (U.S. DOT) Pipeline & Hazardous Materials Safety Administration (PHMSA)*

**209: CO2 - A Deadly Gas**

Over the past few years, there have been a number of unique fatal incidents involving carbon dioxide (CO<sub>2</sub>), as well as some near misses. In addition, the use and quantity of CO<sub>2</sub> has increased in a number of facilities, which presents unique challenges. For many of these facilities, one would not think about having bulk liquefied gases present. Having an effective air monitoring strategy can help determine the root cause of a CO<sub>2</sub> event.

*Chris Hawley, Deputy Project Manager, CSC; and Chris Wrenn, Envtionics*

**210: Bio Sampling In The Field**

Struggling with how to properly and safely collect potentially biological samples? This interactive session will discuss the collection methods employed, as well as the validation of the ASTM standard E2458-10. This information is critical to performing safe and effective response to so-called "powder" calls. There will be a short overview of the standard itself, as well as a discussion of the guidance document (ASTM E2770-10) and how to incorporate this information into your responses. There will also be a practical portion demonstrating the proper collection methods.

*Rick Emery, President, Emery and Associates, Inc.; and Jayne Morrow, Environmental Engineer, National Institute of Standards and Technology*

**211: TRANSCAER® Hazmat Cargo Tank Emergency Response**

Bromine is a PIH material and is highly reactive and a strong oxidizing agent. It will react vigorously with reducing agents and many organic materials including solvents. This seminar will provide guidance for a transportation emergency, details on proper PPE, including neutralization methods and important resources that first responders must be aware of before approaching a Bromine incident.

*Ernest Marcel, Global Hazmat Compliance Manager, Chemtura Corporation; and Gene Patten, Vice President, Corporate Responsible Care Coordinator, Dana Transportation Companies*

**212: TRANSCAER® Chlorine Safety, C-Kit, and Ramifications of Table 3 in the 2012 Emergency Response Guide**

This presentation will briefly review properties of chlorine and emergency response techniques. The use of the Chlorine Institute Emergency Kit "C" as a proven leak mitigation technique will be discussed. An examination of the 2012 DOT ENG including a case study will also take place.

*Barry Lindley, DuPont Response Team Leader and Chemist, DuPont De Nemours and Company, Inc.; and Manuel Correia, Plant Superintendent/ER Team Coordinator, Kuehne Chemical Co., Inc.*

**213: NFPA HM/WMD Technical Committee Update**

This workshop will provide an update on current and future NFPA hazardous materials consensus standards activities. Topics will include updates on the 2013 editions of NFPA 472 and 473 and current and future activities related to two new NFPA standards: NFPA 1072 and NFPA 475.

*Gregory Noll, Program Manager, South Central Task Force*

**214: Realistic Hazmat Refresher Training for Company Officers**

Company officers get dispatched to a variety of calls. Most of the hazmat calls come in as unusual odor or medical calls. The company officer has to answer the question: am I at a hazmat call? This session will be an overview of the Charleston Fire Department's hazmat refresher training that was completed last year. This program empowers company officers to make recognition primed decisions based on what they see and their experience.

*Randy Carter, Director of Training/Hazmat Commander, Charleston (SC) Fire Department*

**215: EPA Support Guide**

The presentation will provide an overview of EPA's efforts to develop a support guide for water utilities on containment, treatment, and disposal of contaminated water to prepare utilities respond to all-hazards event(s) and highlight other potential projects currently being worked on to enhance preparedness.

*Marissa Lynch, Environmental Engineer, U.S. Environmental Protection Agency*

**216: NFPA Garment Standards for Hazmat and Terrorism Response**

NFPA 1991, 2992 and 1994 influence hazmat protective clothing design and performance. NFPA 1992 and 1994 were re-released in 2012. NFPA 1991 has been held back to resolve several issues. Get an update on these standards and learn how to influence changes in these and other NFPA standards.

*James Zeigler, Principle, J. P. Zeigler, LLC*

**217: Implementing a ToxMedic Program in Your Fire Department or EMS Service**

A ToxMedic program may help a department prepare for the threat of a chemical agent or WMD event. This program will review an existing ToxMedic program in the state of Delaware with emphasis on training, medical protocols and program logistics.

*Fred Haas, Paramedic District Supervisor, Sussex County (DE) Emergency Medical Services; Joy Shine, Paramedic, Sussex County (DE) Emergency Medical Services*

**218: Hazmat Response and Type III All Hazards Incident Management Teams**

Type III All Hazards Incident Management Teams (AHIMT) are in development across the country. Hazmat teams should have a good understanding of the mission of AHIMT's and the resources and capabilities they provide during response to complex incidents.

*Tony Garcia, Program Manager, MSP EMHSTC*

**FRIDAY, JUNE 7**  
1:00 pm - 2:30 pm

**219: Putting the Fire Back in Hazmat Training**

Tired of the same training over and over? Here are some low cost training ideas that will put the spark back in your hazmat training with the spirit of competition.

*Tobias Frost, Lieutenant, Lafayette (IN) Fire Department; and Michael Blana, Assistant Chief of Special Operations, Lafayette (IN) Fire Department*

**220-A: HazMatIQ First Responder Offensive - Part 1**

HazMatIQ FRO system incorporates the "Above the line/Below the Line" size-up while instructing first responders whether or not they can safely enter the hot zone to attempt a rescue. Using a radiation meter, 4-gas meter, temperature gun and reagent papers (pH and F papers) assures their safety entering the hot zone

*Joe Gorman, Co-Owner/Co-Creator, HazMatIQ; and Cris Aguirre, Instructor, HazMatIQ*

**221: TRANSCAER® Toxic Inhalation Hazard and Flammable Gas Overview**

This session will provide a common sense approach in identifying, approaching and mitigating toxic inhalation hazards and flammable gas incidents. Participants learn how to utilize the physical properties of materials, determine how to safely perform monitoring, and identify the proper hot, warm and cold zones.

*Rollie Shook, Global Emergency Services Associate Director, Dow Chemical Company*

**2:40 pm - 4:00 pm**

**201-B: Understanding Hazard and Risk - Part 2**

This is a continuation of session 201-A. For more information, see the description under session 201-A.

*Phillip Baker, Hazmat Team Leader, Prince George's County (MD) Fire and EMS Department*

**206-B: Street Smart Haz Mat Response (2nd Edition): A Refresher Class in A Book - Part 2**

This is a continuation of session 206-A. For more information, see the description under session 206-A.

*Michael Callan, President, Callan and Company*

**220-B: HazMatIQ First Responder Offensive - Part 2**

This is a continuation of session 220-A. For more information, see the description under session 220-A.

*Joe Gorman, Co-Owner/Co-Creator, HazMatIQ; and Cris Aguirre, Instructor, HazMatIQ*

**301: Law Enforcement Officer Decontamination**

Integration between hazardous materials team and law enforcement operations require significant pre-planning and exercising. This session will explore operational considerations regarding decontamination of law enforcement officers from both patrol and tactical assignments, as well as the decontamination of contaminated deceased parties at crime scenes. Case studies will be presented to illustrate best practices from actual responses and policy development.

*Ryan Hay, Hazmat Specialist, Lehigh County (PA) Special Operations and John Kalynych, Special Operations Coordinator, Lehigh County (PA) Special Operations*

**302: Tactical Considerations of Incidents Involving Radioactive Materials**

Though the chance of encountering a large-scale radiological accident or act of terrorism is extremely remote, it is likely that every hazmat technician will encounter an incident involving radioactive material at least once in his/her career. This session will present the more advanced radiological topics relevant to hazmat technicians.

*Michael Sutcliffe, Fire/Hazmat Specialist, Austin (TX) Fire Department, Special Operations; and Larry Jantzen, Battalion Chief, Austin (TX) Fire Department Special Operations*

**303-A: The Challenging Threesome - Part 1**

This in depth session will cover techniques for handling chlorine, anhydrous ammonia, and propane releases. Chemical behavior, container profile, and managing the release are just a few of the topics to be discussed by three street smart instructors.

*Gregory Socks, Captain, (Ret.), Montgomery County (MD) Hazardous Material Response Team; William Hand, Training Coordinator, Harris County (TX) Fire Marshal's Office; and Robert Bradley, Battalion Chief (Ret.), Middletown (GA) Fire Department*

**304: Chemical Suicide Response**

This session will cover response procedures to chemical suicide incidents in buildings and/or vehicles. In addition, this session will also cover recognition, safe response and interagency cooperation when presented with response to chemical suicide incidents. Case studies will be used to show product identification and victim removal as well as site mitigation.

*Tony Gomes, President, Massachusetts Association of Hazardous Material Technicians; and David Ladd, Director, Massachusetts Department of Fire Services*

**305: Command Decisions for Clandestine Labs/Criminal Hazmat**

This presentation targets hazmat team leaders and others in emergency response whose responsibilities include committing resources to incidents involving illicit labs and criminal use of hazardous materials. Current trends, safety issues, and liability concerns will be addressed.

*Elizabeth Morris, Training Specialist, TEEK*

**306-A: Emergency Response to Transportation and Storage Incidents with Explosives - Part 1**

In this session, you will hear from one of the nation's top explosives safety professionals. Instructions for emergency responders to explosives incidents will be covered in depth.

*Lon Santis, Manager of Technical Services, Institute of Makers of Explosives*

**307-A: Monitoring on the Fireground - Part 1**

Participants will learn the need for using air monitoring at fires. Products of combustion will be reviewed and how some of the more dangerous gases commonly present can be detected. Recent findings and common practices will also be discussed.

*Jason Krusen, Special Operations Chief, Columbia (SC) Fire Department; and Rob Schnepp, Chief, Special Operations Division, Alameda (CA) County Fire Department*

**308: TRANSCAER® Hazmat Cargo Tank Emergency Response**

See description under session 211.  
*Ernest Marcel, Global Hazmat Compliance Manager, Chemtura Corporation; and Gene Patten, Vice President, Corporate Responsible Care Coordinator, Dana Transportation Companies*

**309: TRANSCAER® Chlorine Safety, C-Kit, and Ramifications of Table 3 in the 2012 Emergency Response Guide**

This is a repeat of session 212. For more information, see description under session 212.

*Barry Lindley, DuPont Response Team Leader and Chemist, DuPont De Nemours and Company, Inc.; and Manny Correia, Plant Superintendent/ER Team Coordinator, Kuehne Chemical Co., Inc.*

**310: Hazardous Materials Problems and Solutions at a Large Research University**

This session will take a look at hazardous materials use in research laboratories, including inventory and waste management, along with emergency preparedness and response.

*Nate Black, Captain, Penn State Hazmat*

**311: Hazmat Decon, Decon Your Personnel Properly**

Are you as safe and clean as you can be? This session will discuss why deconing before you go home is as important as being ready at the start of your shift.

*Francis Bauer, Hazmat Technician, Prince George's (MD) County Fire/EMS Department*

**312: E-Plan**

E-Plan: The online hazardous materials database providing just-in-time information for the frontline first responder. E-Plan is the nation's largest database of chemical and facility hazards data with almost 400,000 facilities and over 24,000 unique chemicals. It is free, simple and easy for first responders, state and federal users.

*Mathew Marshall, Lead Instructor, Cutting Edge Planning and Training*

**313: Developing Task Analysis**

At the conclusion of this session, attendees will be able to perform a task analysis and apply analysis to the development of operational standards.

*David Donohue, Director/EMA Coordinator, Franklin County (PA) Department of Emergency Services; and Steve Hughes, Hazardous Materials/WMD Training Program Manager, US Capital Police Hazardous Materials Response Team*

**FRIDAY, JUNE 7**  
2-4:00 pm - 4:00 pm

**314: Ammonia - An Average Guy's Response**  
Ammonia releases are one of our most common responses. This session brings a common sense response approach to an ammonia incident. The course includes chemistry, case studies, and monitoring strategies to insure a safe ammonia response.  
*Douglas Rohin, Lieutenant, Madison (WI) Fire Department*

**315-A: Mercury Rising: Response and Detection for Mercury Incidents - Part 1**  
This course will prepare responders on how to handle mercury incidents. In addition, this course will cover the hazards of three major forms of mercury, along with response procedures and detection methods.  
*Craig Medley, Captain, Miami-Dade County (FL) Fire Rescue; and Alvaro Tomanex, Lieutenant, Miami-Dade County (FL) Fire Rescue*

**316: Guidelines for Mass Casualty Decontamination During a Hazmat/WMD Incident**  
In April 2009, the U.S. Army Edgewood Chemical Biological Center (ECBC - Formerly SBCCOM) published a report, "Guidelines for Mass Casualty Decontamination During a Hazmat/WMD Incident, Volumes I and II (ECBC-SP-024)". This session will provide updates based on recent empirical data and technical information.  
*Stephen Divarco, Chief Systems Engineer, RDECOM ECBC; Bill Lake, Chief, Engineering Support Division, RDECOM ECBC; and Robert Gougelet, Assistant Professor/MD, Department of Emergency Medicine - Geisel School of Medicine at Dartmouth*

**317: TRANSCAER® Toxic Inhalation Hazard and Flammable Gas Overview**  
This is a repeat of session 221. For more information, see the description under session 221.  
*Rolie Shook, Global Emergency Services Associate Director, Dow Chemical Company*

4:10 pm - 5:40 pm  
**220-C: HazMat IQ First Responder Offensive - Part 3**

This is a continuation of session 220-A. For more information, see the description under session 220-A.  
*Joe Gorman, Co-Owner/Co-Creator, HazMatIQ; and Cris Aguirre, Instructor, HazMatIQ*

**303-B: The Challenging Threesome - Part 2**  
This is a continuation of session 303-A. For more information, see the description under session 303-A.  
*Gregory Socks, Captain, (Ret.), Montgomery County (MD) Hazardous Material Response Team; William Hand, Training Coordinator, Harris County (TX) Fire Marshal's Office; and Robert Bradley, Battalion Chief (Ret.), Middletown (GA) Fire Department*

**306-B: Emergency Response to Transportation and Storage Incidents with Explosives - Part 2**  
This is a continuation of session 306-A. For more information, see the description under session 306-A.  
*Lon Santis, Manager of Technical Services, Institute of Makers of Explosives*

**307-B: Monitoring on the Fireground - Part 2**  
This is a continuation of session 307-A. For more information, see the description under session 307-A.  
*Jason Krusen, Special Operations Chief, Columbia (SC) Fire Department; and Rob Schmapp, Chief, Special Operations Division, Alameda County (CA) Fire Department*

**315-B: Mercury Rising: Response and Detection for Mercury Incidents - Part 2**  
This is a continuation of session 315-A. For more information, see the description under session 315-A.  
*Craig Medley, Captain, Miami-Dade County (FL) Fire Rescue; and Alvaro Tomanex, Lieutenant, Miami-Dade County (FL) Fire Rescue*

**401: MacGyver Gas Detection**  
This session will address getting out of "sticky" gas/vapor detection situations using the sensitivities and cross-sensitivities of common gas sensors.  
*Chris Wrenn, Senior Director of Sales and Marketing, EnviroNics USA*

**402: Chemical Risk**  
This session will examine the risk of the chemicals that you may come into contact with on the job and how to protect yourself with proper training based on the potential risks.  
*J. Fred Leahy, Special Operations Training Coordinator, Tucson (AZ) Fire Department*

**403: Cyanide Emergencies - Are you Reacting or Overreacting?**  
Mention the family of chemicals with the last name of 'cyanide' and just watch the reaction. Cyanides are a common chemical widely used in industry. This session will review the properties of the various cyanides; industrial uses, safe handling, PPE, and emergency procedures for spills and fires.  
*Catherine Blair, Emergency Management Coordinator, City of Mississauga (Ontario)*

**404: Hazmat RIT**  
When your entry team goes in, you also need a hazmat RIT team standing by. This session will train you on the what and how for removing a down responder from the Hotzone.  
*Butch Hayes, Firefighter/Hazmat Tech, Houston (TX) Fire Department*

**405: Demystifying the Risk Assessment of Hazardous Materials Response**  
Cancer rates among firefighters continue to grow. Learn how to use air monitoring equipment to determine when it's safe to operate without PPE during overhaul - the most dangerous hazardous materials event to which we all are exposed.  
*Sheldon "Todd" Smith, Lieutenant/Hazmat Tech, Jacksonville (FL) Fire and Rescue Department*

**406: Scenario Based Training - Running Out of Ideas?**  
Scenario based training has become the most common way of training response teams to work together. But they are wrought with challenges that need to be overcome. This program will challenge you to become a better trainer by answering the tough questions.  
*Glenn Rudner, Trainer and Consultant, the Olson Group, CRA; and Thomas Wells, Associate, Delta Development Group*

**407: After Actions and Lessons Learned Revisited-Graniteville Train Derailment**  
This session will review a seminal event in South Carolina in 2005, combined with a lecture on the hazards of TIC and the risks they pose to the first responder community. We will evaluate the success attained in preparedness circles resulting from AARs and the associated improvement suggestions.  
*John Ryan, Assistant Fire Chief/Training and Special Operations, Fort Gordon (GA) Fire and Emergency Services*

**408: Everyone Out of the Pool**  
This session will identify hazards associated with surface rescue, look at means of protecting responders and pre planning for water based emergency response. We will look at decon protocols and responder safety in a marine environment.  
*Sean Virgin, Firefighter/CBRNe/Hazmat-Specialist, Ottawa (ON) Fire Service) and Greg Lough, Emergency Manager, McNab/Braeside*

**409: RECEO for Foam Operations**  
It is critical to take the correct initial actions as the first arriving engine responding to a flammable liquids incident. This session will teach participants how to quickly isolate and establish a low risk incident scene. In addition, participants will learn a standard process to follow and work through quick foam calculations that will prepare them for real world incidents.  
*Richard Miller, SME for Hamzat Fusion Center, International Association of Fire Chiefs*

**410: Succession Planning for Hazardous Materials Teams**  
Succession planning is an essential management tool for any organization. This session will cover the principles of succession planning and how it can be incorporated into your hazmat teams' future.  
*Jacob Waldschmidt, Hazmat/WMD Instructor/Coordinator, Kenosha (WI) Fire Department*

**411: BLEVEs - The Problem for Emergency Responders**  
This presentation includes three 2012 BLEVE incidents that indicate this problem is not going away but may be growing. It describes various types of BLEVEs (hot, cold, pressurized, and non-pressurized); and new products involved. Learn what to expect and how to remain safe at an incident with BLEVE possibilities.  
*Gene Carlson, Training Officer, York County (PA) Hazmat Team*



**FRIDAY, JUNE 7**  
4:10 pm - 5:40 pm

**412: GHS - Do We All Agree Now?**  
The OSHA Hazard Communication Standard will soon be updated to align with the new Globally Harmonized System for Chemicals (GHS). Responders in the U.S. must become familiar with this system before they encounter it on the scene. Come learn about GHS and some tips for working with this new system.

*Keith Silverman, Principle, GoldShield TEAM; and William Cullen, Principle, GoldShield TEAM*

**413: Research: So Much to Do, So Little Time 3-0**

This session will compare and contrast the computer programs available to hazmat responders and planners. Programs to be discussed include the CAMEO Suite, COBRA, CT-Analyst, HotSpot, OREIS, PEAC, and WISER. *Alan Finkelstein, Assistant Fire Marshal, Strongsville (OH) Fire Dept/SERT Hazmat*

**414: Tank Car Tank Damage Assessment**

Assessing tank car damage is critical to predicting the behavior of damaged tank cars and their contents in an emergency. This presentation will introduce the assessment process, discuss the types of damage possible and factors that affect that damage, using past incidents to demonstrate concepts presented.

*Charles Wright, Manager Hazardous Materials Training, (Ret.), Union Pacific Railroad*

**4:30 pm - 6:00 pm**

**Reception in the Exhibit Hall**  
Enjoy hors d'oeuvres and the chance to network with colleagues, all while exploring the latest innovations in the hazmat industry. This is your chance to meet one-on-one with vendors and learn the ins and outs of the hottest products on the market.

**SATURDAY, JUNE 8**  
8:00 am - 9:20 am

**501: Hazmat Training - Tips, Techniques and Technical Disasters - Curbside Discussion**

This session will foster interactive discussions on what works (and doesn't) in the training arena. *Michael Cullen, President, Callan and Company*

**502: Trust the Process - Curbside Discussion**

A facilitated discussion of a panel of subject matter experts will demonstrate the "Process" that hazmat technicians use to determine the appropriate path forward (i.e. IAP, ERP, decon, suit selection, etc).

*Gregory Noll, Program Manager, South Central Task Force; and Tony Missoffitti, Lieutenant, (Ret), Fire Department of New York*

**503: Running a Team on a Budget - Curbside Discussion**

This session will discuss how to deal with the constraints placed on spending, and what you have to spend vs. what you should consider doing yourself.

*Glen Rudner, Trainer and Consultant, The Olson Group; and Rick Emery, President, Emery and Associates, Inc.*

**504-A: Highway Cargo Tank Damage Assessment and Emergency Response Considerations - Part 1**

Highway Cargo Tank incidents are one of the most frequently encountered types of hazardous materials emergencies. This interactive session will provide case histories and lessons learned from highway cargo tank incidents.

*William Hand, Training Coordinator, Harris County (TX) Fire Marshal's Office*

**505: Meth Lab Fire! Now What?**

With the advent of the "one pot" method and an apparent resurgence of meth labs, responses are on the rise again. What are the actual hazards that responders are exposed to? How does that change after a fire? Are we able to handle them?

*Tobias Frost, Lieutenant, Lafayette (IL) Fire Department*

**506-A: So You're the Safety Officer - Part 1**

This program discusses the responsibilities of the Hazmat Safety Officer as outlined in national consensus standards. The program will outline a process of critical decision points for effectively performing these duties.

*Phillip Baker, Hazmat Team Leader, Prince George's County (MD) Fire and EMS Department*

**507-A: Masters Level Air Monitoring - Part 1**

This is a comprehensive course on the fundamentals of handheld gas detection for use in confined space entry and hazmat. It explains why we need gas detection, covers chemical properties, shows how gas detectors work and gives an understanding of exposure limits. Trainees are taught to look through the "eyes" of the gas detector to better solve gas detection problems. Detection options (tubes, O2, LEL, electrochemical, NDIR, PID, FID; MOS), sensor specifications, sampling techniques, calibration, intrinsic safety requirements and datalogging may be discussed.

*Chris Wenn, Senior Director of Sales and Marketing, EnviroNics USA*

**508: Suicide by Hazmat - Curbside Discussion**

This curbside discussion will cover hazmat team tactical options when responding to suicides involving hazardous materials. Incident case studies involving hydrogen sulfide, phosphine, cyanide, and helium will be covered. Topics will include suicide recipes, chemical properties, PPE selection, deploying air monitors, and incident termination options.

*Gary Sharp, Hazmat Program Manager, Michigan State Police - Homeland Security Training Center*

**509: Hazmat Medic - Curbside Discussion**

This session will discuss and debate hazmat medicine as it relates to everyday EMS calls, the use and function of the hazmat medic in non traditional roles and the training of additional personnel for these roles. We will finish with a discussion on the application of these trained individuals toward the hazmat/WMD event.

*Armando Bevelacqua, MBCA LLC Partner, Murphy Bevelacqua Consultants and Associates; and Michelle Murphy, MBCA LLC Partner, Murphy Bevelacqua Consultants and Associates*

**510: How to Get Involved, Writing, Speaking and Joining - Curbside Session**

This session will give participants the inside scoop on instructing, writing and getting involved in the hazmat community.

*Chris Hawley, Deputy Program Manager, CSC and Rob Schnepf, Chief of Special Operations, Alameda County (CA) Fire Department*

**511-A: TRANSCAER® Presents T4 - Taming The Tiger - Tactics and Response For Anhydrous Ammonia Including Hands On Cargo Trailer Training - Part 1**

Get prepared to handle anhydrous ammonia incidents by learning the types of ammonia releases that could be encountered with various containers and transportation equipment. Discussions of control and containment tactics for both offensive and defensive operations. Lessons learned will be discussed through brief case histories involving both stationary facilities and transportation incidents as well as live release training footage. Students will be able to get up close and personal with an anhydrous ammonia cargo trailer (MC-331) for some valuable hands on training with the Tiger's Transportation Tank. Get a terrific combo of both lecture and hands on training.

*David Binder, Director of Quality, Safety and Regulatory Affairs, Tamer Industries, Inc./TRANSCAER® National Task Group and Virgil Fowler, Manager, Preparedness and Response, PotashCorp /TRANSCAER® National Task Group*

**512: Defensive Operations at CBRNE Incidents Using the Federal "Job Aid"**

This workshop will prepare participants to use the FEMA Job Aid to safely and effectively respond to an incident involving CBRNE agents. A presentation along with discussions, realistic video clips, and a tabletop activity will engage the participants and provide a practical approach to the use of the Job Aid.

*Lloyd Hansen, Lead Instructor, Alabama Fire College; and Theodore Kroyer, Program Coordinator, Alabama Fire College*

**513-A: TRANSCAER® ISO Container - Part 1**

This session will allow participants to identify the container type, potential leak points, and what repairs are possible.

*Thomas Keefer, DuPont North America Response Manager, DuPont De Nemours and Company, Inc.; and Barry Lindley, DuPont Response Team Leader and Chemist, DuPont De Nemours and Company, Inc.*

**SATURDAY, JUNE 8**

**8:00 am - 9:20 am**

**514: Cooling System for Level A Hazmat Suits**

TDA Research Inc., is a small business RandD company developing a wide range of PPE under grants from NIOSH. Our PPE RandD efforts include personal cooling, respiratory protection, and chemical/biological decontamination. This session will discuss TDA's development of personal cooling systems for first responders using hazmat suits.

*Girish Srinivas, Principle Engineer, TDA Research Inc.; Steven Gebhard, Senior Scientist, TDA Research Inc.; Robert Copeland, Principle Engineer and Consultant, TDA Research Inc.; Joe Fredrickson, Engineer, TDA Research Inc.; and Georgia Mason, Technician, TDA Research Inc.*

**515: Response to Laboratory Emergencies**

Emergency responses to laboratories can be extremely challenging. The thought of wild-haired scientists in white lab coats only adds to the mystery and this uncertainty creates responder anxiety. The presentation will remove some of the mystery by enhancing situational assessment, risk-based decision-making, and responder safety.

*Keith Silverman, Principle, GoldShield TEAM; William Cullen, Principle, GoldShield TEAM*

**517-A: Recognizing and Responding to Commercial Explosives Incidents - Part 1**

This session will provide students with a working knowledge of "commercial" explosives, the hazards, and proper mitigation. Explosives incidents are sometimes misunderstood and mishandled. This session will also provide participants with practical guidelines to safely deal with such incidents.

*Albert Valerioti, Instructor, AMV Associates, Inc.; and Robert Bradley, Battalion Chief (Ret.), Middletown (CT) Fire Department*

**518-A: TRANSCAER® Dome Assembly Trailer - Part 1**

This session will provide an overview of the various valves and fittings that can be found on most general service and pressure tank cars. A "dome mobile" trailer will be used to demonstrate the arrangement of these valves and fittings and point out the usual leak points. Attendees will have a chance to do hands on training on the application of a "C" Kit on the

chlorine dome and a Midland Kit on the LPG/ anhydrous ammonia dome assembly.

*Paul B. Williams, Hazardous Materials Compliance Officer, Norfolk Southern Railway; and Robert Wood, Hazardous Materials Compliance Officer, Norfolk Southern Railway*

**9:30 am - 11:00 am**

**504-B: Highway Cargo Tank Damage Assessment and Emergency Response Considerations - Part 2**

This is a continuation of session 504-A. For more information, see the description under session 504-A.

*William Hand, Training Coordinator, Harris County (TX) Fire Marshal's Office*

**506-B: So You're the Safety Officer - Part 2**

This is a continuation of session 506-A. For more information, see the description under session 506-A.

*Phillip Baker, Hazmat Team Leader, Prince George's County (MD) Fire and EMS Department*

**507-B: Masters Level Air Monitoring - Part 2**

This is a continuation of session 507-A. For more information, see the description under session 507-A.

*Chris Wrenn, Senior Director of Sales and Marketing, EnviroNics USA*

**511-B: TRANSCAER® Presents T4 - Taming The Tiger - Tactics and Response For Anhydrous Ammonia Including Hands On Cargo Trailer Training - Part 2**

This is a continuation of session 511-A. For more information, see the description under session 511-A.

*David Binder, Director of Quality, Safety and Regulatory Affairs, Tamer Industries, Inc./TRANSCAER® National Task Group; and Virgil Fowler, Manager, Preparedness and Response, PotashCorp/TRANSCAER® National Task Group*

**513-B: TRANSCAER® ISO Container - Part 2**

This is a continuation of session 513-A. For more information, see the description under session 513-A.

*Thomas Keefer, DuPont North America Response Manager, Du Pont De Nemours and Company, Inc.; and Barry Lindley, DuPont Response Team Leader and Chemist, Du Pont De Nemours and Company, Inc.*

**517-B: Recognizing and Responding to Commercial Explosives Incidents - Part 2**

This is a continuation of session 517-A. For more information, see the description under session 517-A.

*Albert Valerioti, Instructor, AMV Associates, Inc.; and Robert Bradley, Battalion Chief, (Ret), Middletown (CT) Fire Department*

**518-B: TRANSCAER® Dome Assembly Trailer - Part 2**

This is a continuation of session 518-A. For more information, see the description under session 518-A.

*Paul B. Williams, Hazardous Materials Compliance Officer, Norfolk Southern Railway; and Robert Wood, Hazardous Materials Compliance Officer, Norfolk Southern Railway*

**601: Gazing Into Your Crystal Ball**

Understanding the interrelationship of the container, its contents, and the environment is critical to handling hazardous materials emergencies. This class will show participants how to take their experience and make reasonable decisions at emergencies using a simple process of events analysis.

*Charles Wright, Manager Hazardous Materials Training, (Ret.) Union Pacific Railroad*

**602: Building Collapse Response and the Hazmat Tech Role**

A building collapse is a dynamic rescue scene that involves a variety of disciplines working together. Hazmat techs very often find themselves in a fast paced world where we must quickly answer the questions "can we work and where?" This session will help answer that.

*Joseph Gribbins, Lieutenant, West Windsor (NJ) Emergency Services/NJTF-1; and Jeffery Kaplan, Hazmat Specialist, New Jersey Task Force 1, USAF*

**603: Strategies and Tactics on Boom Ops**

This presentation provides advice, strategies and tactics to responders, spill planner and monitors/field observers to improve spill response for products released to waterways.

*Michael Magada, Hazmat Team Leader, Western Wayne County (MI) Hazmat Response Team*

**604: Managing Community-wide Emergencies**

This program will cover the difficulties encountered with large scale events and lessons learned from large scale incidents ranging from fires, train derailments, weather damage, and scheduled large venue event

planning. Large-scale, community-wide events stress not only our response resources, but also the relationship between agency leaders. Participants will learn the value of relationships, the importance of understanding resource needs, and having the ability to predict the future.

*Charles King, Fire Chief, Oconee County (SC) Emergency Service*

**606: Introduction to Operations Security**

This workshop provides an introduction to operations security and demonstrates how adversaries collect intelligence by exploiting information available through open sources like websites, dumpster diving, elicitation, etc. Participants will learn the simple OPSEC five step process that can be used to deny adversaries critical information that must be protected.

*Rem Gaede, Chief Of Special Operations (Ret.), Toronto (ON) Fire Services; and Michael Hildebrand, Consultant, Hildebrand and Noll Associates, Inc.*

**607: The Art of Hazmat Risk Assessment**

NFPA 472 standard is over 20 years old, yet many photos of our current operations display extensive use of Level A suits. While equipment and technologies used in hazmat response have been improved, often the default choice of Level A ensembles reflects our inability to do correct hazard assessment.

*Rick Brown, Firefighter/Hazmat Technician, Toronto (ON) Fire Services*

**608: TRAP (Turnouts Rescue, As Plumbing)**

This presentation will help you make the right decision whether entry in Structural Firefighting Protective Ensemble (SFPE - i.e. Turnouts) during an incident involving hazardous materials or CBRN agents is appropriate or not.

*Larry Jantzen, Battalion Chief, Austin (TX) Fire Department Special Operations; and Michael Sartoffe, Fire/Hazmat Specialist, Austin (TX) Fire Department, Special Operations*

**609: Pediatric Hazmat: One Size Does Not Fit All**

This session will address pediatric susceptibility to hazmat exposures, toxidromes and recommended treatment, case studies, and best practices in decontamination and equipment selection. The session will conclude with a hands-on demonstration of topics presented.

*Michael Heffner, Captain, City of Salem (OR) Fire Department*



**SATURDAY, JUNE 8**

**9:30 am - 11:00 am**

**612: Decontamination in a Rural Setting**

This session will describe the cooperative efforts of the Vermont Hazmat Team, local fire departments and Homeland Security to develop and sustain a decontamination system for the entire state of Vermont. The session will discuss challenges and solutions for equipment as well as training.

*Christopher Herrick, Chief, Vermont Hazmat Team*

**613: ToxMedic Antidotes**

This course will review the indications, contraindications, specific antidotes and dosing available to treat organophosphate poisoning, nerve agent poisoning, HF acid exposure, cyanide exposure and hydrogen sulfide exposure.

*Mark Veeder, Battalion Chief, Chagrin (OH) SE Regional Hazmat Team*

**614: Case Studies for Success**

Case studies provide an effective learning tool for responders and response managers. Participants will review an assortment of incidents and response decisions to learn best practices and ascertain areas for improvement.

*Joseph Leonard, Commander, United States Coast Guard*

**9:30 am - 1:00 pm**

**Exhibit Hall Opens**

**11:00 am - 12:00 pm**

**IGW-28 ID the Unknown on Exhibit Floor**

ID the Unknown competition is back by popular demand. This hands-on event is designed to provide educational experiences for responders who need to identify and classify unknown chemicals directly in the field. Teams will go head-to-head as they each try to identify unknown samples. Teams will be judged on accuracy, time and methodology. Prizes will be awarded.

**11:00 am - 1:00 pm**

**Lunch in Exhibit Hall**

**2:00 pm - 3:20 pm**

**507-C: Masters Level Air Monitoring - Part 3**

This is a continuation of session 507-A. For more information, see the description under session 507-A.

*Chris Wenn, Senior Director of Sales and Marketing, Envirotronics USA*

**701: Suicide by Hazmat**

See description under session 508.

*Gary Sharp, Hazmat Program Manager, Michigan State Police - Homeland Security Training Center*

**702: The Hazardous Materials Specialist in Urban Search and Rescue**

When a disaster happens, an urban search and rescue team may be deployed. The hazmat specialist is a dynamic role and important to understand so that all first responders are prepared and can provide a unified response to disasters and major emergencies.

*Mark Scuso, Firefighter/EMT/Hazmat Tech, City of Norwich (CT) Fire Department*

**703-A: Survival in the Hot Zone - Part 1**

Entry operations at hazardous materials incidents are inherently dangerous. Incidents that require the use of a Level "A" ensemble place even more dangers and constraints on personnel. As an entry team member, are you aware of the various problems that may develop and the procedures to address them?

*Glen Rudner, Trainer and Consultant, The Olson Group; Ray Burt, Harris County (TX) Hazmat; Susan Stangl, Lieutenant, Seattle (WA) Fire Department; Jeff Smith, Lieutenant, Redmond (WA) Fire Department; and Justin Royall, Driver-Operator, Woodlands (TX) Fire Department*

**704-A: Tox-Medic - Part 1**

The HazMatQ Tox-Medic course is a specialized EMS training program designed to give medics the knowledge and confidence required to provide advanced life support care including antidote administration to patients suffering from a hazmat/WMD exposure.

*Joe Gorman, Co-Owner/Co-Creator, HazMatQ; Cris Aguirre, Instructor, HazMatQ; and Dave Ladd, Engineer/Paramedic, Henderson (NV) Fire Department*

**2:00 pm - 3:20 pm**

**705: Million Dollar Training Programs**

The days of the grant truck driving up and dumping a pile of cash at your firehouse are over. Learn about some low cost and even free training programs for your department. There are quite a few options available to those who know where to look.

*Michael Callan, President, Callan and Company*

**707-A: TRANSCAER® Dome Assembly Trailer - Part 1**

See the description under session 518-A.

*Paul B. Williams, Hazardous Materials Compliance Officer, Norfolk Southern Railway; and Robert Wood, Hazardous Materials Compliance Officer, Norfolk Southern Railway*

**708: Fun with Feds - We Are Here to help!**

Oh no, the feds are here and we know what you are thinking. The federal government has a wealth of resources that can be beneficial for your jurisdiction. This course will cover case studies that will enhance interagency cooperation as well as federal funding and programs for your jurisdiction.

*Marian Oranhood, Incident Management Assistance Team member, DHS-U.S. Coast Guard; and Kevin Hill, Officer/Pilot, United States Coast Guard*

**709: Pipeline Incidents: A Different Approach**

Pipeline incidents are becoming more common. Simple action cards were made for these complex incidents and they contain all relevant distances. Where are our firefighters safe? Where is the population safe? Shelter or evacuate? Rescue or not? These are just a few questions that can be answered after this presentation.

*Eddy Goossens, Captain, Fire Brigade Geel (Belgium); and Jan Jorissen, Fire Chief, Lommel Fire Brigade (Belgium)*

**710: WISER and CHEMM Integration - One App to Remember**

NLM will demonstrate its chemical mass casualty tool (CHEMM) and its incorporation into WISER. Learn how WISER's features are now more uniform across platforms and about the incorporation of the new ERG2012. *Jennifer Pakiam, Technical Information Specialist/SME, Disaster Information Management Research Center, National Library of Medicine; Kenneth Wootton, Software Architect; and Richard Brooks, Director of the Department of Emergency Services in Cecil County*

**711: Six Degrees of Freedom - Basic Air Monitoring**

This session is an interactive discovery of six basic conditions for identifying the majority of hazmat events.

*Armando Bevelacqua, MBECA LLC Partner, Murphy Bevelacqua Consultants and Associates; and Michelle Murphy, MBECA LLC Partner, Murphy Bevelacqua Consultants and Associates*

**712-A: TRANSCAER® Presents T4 - Taming The Tiger - Tactics and Response For Anhydrous Ammonia Including Hands On Cargo Trailer Training - Part 1**

See the description under session 511-A.

*David Binder, Director of Quality, Safety and Regulatory Affairs, Tanner Industries, Inc./TRANSCAER® National Task Group; and Virgil Fowler, Manager, Preparedness and Response, PotashCorp/TRANSCAER® National Task Group*

**713: Keeping Your Exercises on the Rails 3-0**

What can go wrong during an exercise or simulation? Plenty! In this interactive session, participants will learn how to identify, prevent and solve potential problems if they do occur. Four categories of problem sources will be reviewed: problems that can be solved during planning, problems that can be solved by exercise controllers, equipment and technology problems, and people problems.

*Catherine Blair, Emergency Management Coordinator, City of Mississauga (ON); Rem Gaede, Chief Of Special Operations (ret.), Toronto (ON) Fire Services*

**714: Creating a System for First Responder Information Using Technology**

The old way of planning for a response to a hazardous materials incident was to review SARA Title III and preplan information in hard copy. With the expanding use of technology in the public safety sector, we are able to access this information more efficiently. This training session will show you what programs are available and how to develop a system that works for each individual fire department or hazardous materials response team.

*Nick Bonstell, Lieutenant - Hazardous Materials Planner, Grand Rapids (MI) Fire Prevention Bureau*

**SATURDAY, JUNE 8**

**2:00 pm - 3:20 pm**

**715: Inside the 2013 Edition of NFPA 473 - Hazmat Medical Considerations**

This session will discuss the 2013 additions to NFPA 473 "Competencies for EMS Responders to Hazmat/WMD Incidents". Included are new mission specific competencies for hazmat team medics, advanced medical interventions, and carbon monoxide response.

*Kevin Johnson, Senior Hazmat Officer, FBI Technical Hazards Response Unit; and Rob Schnepf, Chief, Special Operations Division, Alameda County (CA) Fire Department*

**716: Small Spills - It's Not The Big One But It's Still One**

Small spills and releases are common occurrences but responding to them can be confusing. The better the first arriving responder understands how to size-up small spills, the more prepared they will be to handle them. This workshop will present a simple tool that responders can begin using.

*Keith Silverman, Principle, GoldShield TEAM; and William Cullen, Principle, GoldShield TEAM*

**717: Rapid Intervention Crew for the Hot Zone**

This program discusses the Rapid Intervention Crew (RIC) requirements for the rescue of hazmat team members in the hot zone wearing chemical protective clothing (CPC). It also discusses several rescue and decontamination techniques.

*Phillip Baker, Hazmat Team Leader, Prince Georges County (MD) Fire and EMS Department*

**718-A: TRANSCAER\*ISO Container - Part 1**

See session description under session 513.

*Thomas Keefer, DuPont North America Response Manager, Du Pont De Nemours and Company, Inc.; and Barry Lindley, DuPont Response Team Leader and Chemist, Du Pont De Nemours and Company, Inc.*

**3:30 pm - 4:50 pm**

**507-D: Masters Level Air Monitoring - Part 4**

This is a continuation of session 507-A. For more information, see the description under session 507-A.

*Chris Wrenn, Senior Director of Sales and Marketing, Environics USA*

**703-B: Survival in the Hot Zone - Part 2**

This is a continuation of session 703-A. For more information, see the description under session 703-A.

*Glen Rudner, Trainer and Consultant, The Olson Group; Roy Burt, Harris County (TX) Hazmat-Susan Stangl, Lieutenant, Seattle (WA) Fire Department; Jeff Smith, Lieutenant, Redmond (WA) Fire Department; and Justin Royall, Driver-Operator, Woodlands (TX) Fire Department*

**704-B: Tox-Medic - Part 2**

This is a continuation of session 704-A. For more information, see the description under session 704-A.

*Joe Gorman, Co-Owner/Co-Creator, HazMatIQ; Kris Aguirre, Instructor, HazMatIQ; and Dave Ladd, Engineer/Paramedic, Henderson (NV) Fire Department*

**707-B: TRANSCAER\* Dome Assembly Trailer - Part 2**

This is a continuation of session 707-A. For more information, see the description under session 707-A.

*Paul B. Williams, Hazardous Materials Compliance Officer, Norfolk Southern Railway; and Robert Wood, Hazardous Materials Compliance Officer, Norfolk Southern Railway*

**712-B: TRANSCAER\* Presents T4 - Taming The Tiger - Tactics and Response For Anhydrous Ammonia Including Hands On Cargo Trailer Training - Part 2**

See the description under session 511-A.

*David Binder, Director of Quality, Safety and Regulatory Affairs, Tanner Industries, Inc / TRANSCAER\* National Task Group; and Virgil Fowler, Manager, Preparedness and Response, PotashCorp/ TRANSCAER\* National Task Group*

**718-B: TRANSCAER\*ISO Container - Part 2**

This is a continuation of session 718-A. For more information, see the description under session 718-A.

*Thomas Keefer, DuPont North America Response Manager, Du Pont De Nemours and Company, Inc.; Barry Lindley, DuPont Response Team Leader and Chemist, Du Pont De Nemours and Company, Inc.*

**801: Hazmat Tech Old vs New**

See the description under session 107.

*Butch Hayes, Firefighter/Hazmat Tech, Houston (TX) Fire Department*

**802: Case Studies - Learning from the Past**

See the description under session 105.

*Douglas Rohn, Lieutenant, Madison (WI) Fire Department*

**803: Technical/Special Operations During Terrorism Response**

See the description under session 204.

*Kevin Johnson, Senior Hazmat Officer, FBI Technical Hazards Response Unit*

**804: Toxic Fire Gas Monitoring During Overhaul**

There has been a lot of talk about the chronic health effects associated with firefighting, particularly due to exposures encountered during overhaul. Is every fire a hazmat scene? And is every fire ground a hot zone? During this session participants will explore the hygiene monitoring of toxic gases encountered during overhaul.

*Michael Sutcliffe, Fire/Hazmat Specialist, Austin (TX) Fire Department, Special Operations; and Larry Jantzen, Battalion Chief, Austin (TX) Fire Department-Special Operations*

**805: You Have a Compressed Gas Leak: What Is It and What Can You Do About It?**

This session will teach participants how to identify containers, determine the product and detect leaks. An overview of the Airgas ACE website will also be discussed. Actual incidents will be reviewed to apply the knowledge gained.

*Derek Gill, Technical Director, Airgas*

**806: Emergency Response to a Radiological Dispersal Device**

This session will provide decision-making considerations for response to radioactive emergencies based upon the ASTM Recommended Practice. It provides information on what to include in an ERP, and what activities to conduct during a response. The session will teach participants how to identify hazards and training issues, develop a plan and what equipment to acquire.

*Tony Mussoffiti, Lieutenant, (Ret.), Fire Department of New York*

**807: PEAC Hazmat Software**

PEAC is one of the most widely used hazmat software tools on the market today. This class is designed for customers who are looking to improve their knowledge of the software and take these skills home to get the most out of PEAC in their department.

*Maria Mayes, Account Manager, AristaTek, Inc*

**808: Selection of Chemical Protective Suit for Hazmat Response**

Chemical protective suit selection is often driven by hazard assessments. In this session, participants will learn how to use the DuPont SafeSPEC selection tool to safely select their own personal protective equipment.

*Donald Linville, Industrial Hygienist, DuPont Protection Technologies*

**SUNDAY, JUNE 9**

**8:00 am - 9:00 am**

**ICM Breakfast**

**9:00 am - 11:00 am**

**Closing General Session: Hazmat Train Derailment with Explosion and Fire During Re-Railing Operations**

This session will discuss the emergency response to the derailment of a Paducah & Louisville train on a CSX track in Louisville, Kentucky on November 5, 2012. The train, which derailed in a narrow area between a major highway and the Ohio River,

involved numerous hazmat rail cargo tanks including hydrogen fluoride, butadiene, styrene, sodium hydroxide, and methyl isobutyl ketone. Several days into the incident, an explosion and fire occurred during procedures to re-rail a butadiene car resulting in severe burns to three contractors. An Incident Commander and a Hazmat Branch Director from the incident will discuss response to the derailment, including command and control philosophies, evacuation procedures, the response to the explosion and fire days into incident, and the liaisons necessary when working with the private sector to offload and re-rail damaged hazmat rail cargo tanks.

*Eric Duffy, Assistant Chief, Incident Commander, Pleasure Ridge Park (KY) Fire Department; and Dave Goldsmith, Chief, Hazmat Branch Director, Highview (KY) Fire Department*

# **Attachment 3**



# Florida Poison Information Center Jacksonville

## AHLS Syllabus

**The AHLS *Provider* and *Instructor* Programs follow a similar schedule each day. Didactic lectures each morning are followed by small group interactive case studies each afternoon.**

### Provider Program

#### DAY 1

<p><b>1. General Principles of AHLS</b></p> <ul style="list-style-type: none"> <li>• Hazardous Materials Epidemiology</li> <li>• Important Properties of Hazardous Materials</li> <li>• Medical Management of Hazmat Victims</li> <li>• Personal Protective Equipment and Decontamination</li> <li>• Toxidromes &amp; Toxicodynamics</li> <li>• Antidotes in General</li> <li>• Establishing and Organizing a Hazmat Response Team</li> </ul>	<p><b>2. Toxic Inhalations</b></p> <ul style="list-style-type: none"> <li>• Irritant Gases</li> <li>• Asphyxiants</li> <li>• Antidotes in detail:                         <ul style="list-style-type: none"> <li>○ Normobaric Oxygen</li> <li>○ Hyperbaric Oxygen</li> <li>○ Methylene Blue</li> <li>○ Amyl Nitrite</li> <li>○ Sodium Nitrite</li> <li>○ Sodium Thiosulfate</li> </ul> </li> </ul> <p><b>3. Interactive Case studies</b></p>
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#### DAY 2

<p><b>1. Pesticide Poisoning</b></p>	<p><b>4. Miscellaneous Toxicants</b></p>
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<ul style="list-style-type: none"> <li>• Organophosphates &amp; Carbamates</li> <li>• Antidotes in Detail:             <ul style="list-style-type: none"> <li>◦ Pralidoxime &amp; Atrophine</li> </ul> </li> </ul> <p><b>2. Toxic Terrorism</b></p> <ul style="list-style-type: none"> <li>• Nuclear, Biological, &amp; chemical Terrorism</li> <li>• Chemical Terrorism: Nerve Agents</li> <li>• Biological Terrorism Agents</li> <li>• Radiological/Nuclear Terrorism</li> </ul> <p><b>3. Corrosives, Hydrocarbons, and Halogenated Hydrocarbons</b></p>	<ul style="list-style-type: none"> <li>• Hydrofluoric Acid &amp; Fluorides</li> <li>• Hydrazines</li> <li>• Antidotes in Detail:             <ul style="list-style-type: none"> <li>◦ Calcium Gluconate</li> <li>◦ Calcium Chloride</li> <li>◦ Pyridoxine</li> </ul> </li> </ul> <p><b>5. Interactive Case Studies</b></p> <p><b>6. Provider Exam</b></p>
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**DAY 3**

<b>Instructor Program</b>
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<p><b>1. AHLS policies and Procedures</b></p> <p><b>2. How to conduct an AHLS program</b></p>	<p><b>3. Adult Education Teaching Tools</b></p> <p><b>4. Interactive Case Studies Led by Instructor Students</b></p> <p><b>5. Instructor Exam</b></p>
---	---

# Attachment 4

## IAFF Hazardous Materials Incident Command (16 Hours)

### Syllabus

#### Day 1

1.	Introductions – Course Overview and Course Objectives		1 hour
2.	Site Safety and Tour of Facility		.5 hours
3.	Pre-Test		1 hour
4.	Introduction to Hazardous Materials Incident Command	ICS	2 hours
5.	Lunch		1 hour
6.	Estimating Potential Outcomes	Powerpoint	.5 hour s
7.	Determining Response Options–	Discussion	1 hour
8.	Group Activity-Problem solving-Command responsibility	Train Derailment	.5 hour
9.	Table Top Exercise Scenario-Problem Solving-Discussion	T2(Jax)	1 hour*
10.	Daily critique-Comments		<u>.5 hours</u>

**8 hours**

#### Day 2

1.	Haz Mat ICS/Unified Command/National Response Plan ICS		1 hour
2.	Group activity-		
a.	Determining Makeup of Unified Command	CC Train Derailment	.5 hours
1.	Operational Period 1		
3.	Implementing Response Options with HAZ MAT ICS	Leaking Rail Car	1 hour
4.	The Planning Process-Lecture-Discussion	ICS	1 hour
5.	Gp activity-Introduction to IAP development	CC Train Derailment	1 hours
1.	Operational Period 2		
1.	Terminating the Incident- Discussion		.5 hours
2.	The Roll of the PIO and JIC in Haz Mat	ICS	.5 hours
3.	Group activity-Terminating the incident and PIO duties	Truck rollover	1 hour
4.	Course Summary-ICS, 8 Step Plan, and APIE-T	Handout	.5 hours
5.	Post-Test	Final	.5 hours
6.	Final comments/Final Course Critique		<u>.5 hours</u>

**8 hours**

\*Due to complexity, these may become homework assignments for all groups.

- Total Training Time = 16 hours
- Students are provided a one (1) hour lunch period each training day.
- Students not passing or having difficulty with any classroom or exercise portions of the training will be provided additional remedial instruction as needed.
- Please Note, due to weather some drills/scenarios may be rescheduled—Class schedule will moderate to provide for safety above all.

**TAB V-B**



# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Hazards Analysis Update

---

- i) A meeting was conducted in Tallahassee regarding the future of the Hazards Analysis program. Various concerned citizens, county emergency management, LEPC Chairs and Staff, and SERC members were in attendance or on the webinar/conference call.

The following key decision were made, they are:

- a) A Hazards Analysis working group was developed to review and provide recommendations to the SERC.
- b) The general consensus from multiple discussions is that there are new technologies available that can streamline both reporting and site visits. This working group will investigate all of these issues and provide recommendations for augmenting and improving the overall program.
- c) The following people have been selected to serve on the HA Working Group. Those that were chosen have a good working knowledge of the existing hazard analysis process and represent all of the disciplines (LEPC, EM, and contractors) involved:

Name	Entity
Lt. John Scott	Jacksonville Fire and Rescue
Dwayne Mundy	North Central Florida RPC
Chris Rietow	Apalachee RPC
Ken Wolfe	Okaloosa County EM/SERC
Paul Womble	Polk County EM
Steve Mewborn	Santa Rosa County EM
Preston Cook	Hillsborough County EM
Louetta Muller	Contractor
John Scott	Brevard County EM
Lou Ritter	DEM

- d) Hazards Analysis money for counties will remain intact, and site visit will remain the same for this upcoming year.

**TAB V-C**

# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** LEPC Biennial Exercise Committee

---

The LEPC Biennial Exercise Committee has been developed. The following members of the district have agreed to develop and implement a hazardous materials related incident in the coming year.

## LEPC Exercise Committee Members and Email

Gracie Kennedy	gracie.kennedy@dep.state.fl.us
Michelle Sanders	michelle.sanders@dot.state.fl.us
Gerry Gividen	gdg27@hotmail.com
Meaghan Smalley	meaghan.smalley@flyjax.com
Ben Huron	ben.huron@rsandh.com
Bill Decker	bdecker@ebpartners.us
Chief Joel Sneed	jsneed@sjcfl.us
Lt. John Scott	jscott3@coj.net
Chief Knoff	richard.knoff@claycountygov.com

The group will have their first meeting after July 1. They will be tasked with developing an exercise which will involve a transportation related HazMat scenario that will test the LEPC Plan. This can be Tabletop Exercise or a Functional Exercise involving players in mock situations.

**TAB VI - A**

# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Training Task Force Meeting

---

## Summary

The TTF met April 4th in Tallahassee, Florida. The following were points of discussion at the meeting:

- **TRANSCAER** – Dates for this training are September 10-13, 2013 at the Ocala Fire College. The training will focus on chlorine, ethanol and anhydrous ammonia. All of the training is FREE.

Other free training is also available through TRANSCAER. Refer to the following link to see what training may be available.

<http://www.transcaer.com/>

If you have an interest in any of the free training resources, please contact:

Paul Wotherspoon, Chief, Technological Hazards Section  
Florida Division of Emergency Management  
850-413-9913  
[paul.wotherspoon@em.myflorida.com](mailto:paul.wotherspoon@em.myflorida.com)

- **Lt. Lamm** – Update on 2<sup>nd</sup> Annual HazMat Symposium Planning
- The next scheduled meeting of the Training Task Force is July 11, 2013 - TBD.

*Attached - TTF Agenda \**



## **AGENDA**

### **STATE EMERGENCY RESPONSE COMMISSION TRAINING TASK FORCE**

**Betty Easley Conference Center  
Room 152  
4075 Esplanade Way  
Tallahassee, Florida 32399**

**April 4, 2013 – 9:30 AM**

- I. Call to Order**
- II. Introductions**
- III. Approval of Minutes from January 24, 2013 Meeting**
- IV. Update on Conference Call**
  1. February 20, 2013
  2. March 20, 2013
- V. Current Business**
  1. Report on Operating Protocols for Revision
  2. Report and Discussion of 2014 Hazmat Symposium
    - Venue Issues – Jonathan Lamm
    - Survey Content – Scott Chappell
  3. Report on DOH Suspicious Package Protocol
  4. Report on USCG Oil Spill Response
- VI. New Business**
- VII. Update from Agencies and Organizations**
  1. Florida Fire Chief's Association (FFCA)
  2. Florida Association of Hazardous Materials Responders (FLAHR)
  3. Florida State Fire College/State Fire Marshal

4. Florida Department of Environmental Protection
5. Florida Department of Health
6. Other agencies and Organizations

**VIII. Upcoming Events**

1. **Schedule Next Conference Call(s)**
2. **Next face-to-face Meeting(s)**
  - July 11, 2013 - TBD

**IX. Adjourn**

**TAB VI - B**



# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** LEPC Chairperson/Staff Meeting

---

## Summary

The LEPC Chairperson/Staff meeting was held on April 4, 2013 in Tallahassee, Florida. The following were points of discussion at the meeting:

- ***E-Plan and Tier II Reporting*** – Information was passed along regarding the agreements to develop a Hazards Analysis Working Group to investigate and provide recommendations to the SERC about improvements that can be made to the program.
- A visual presentation on E-Plan capabilities is schedule to take place at the July SERC meeting.

The next meeting of the LEPC Chair/Staff is scheduled for **July 11, 2013** - TBD

***Attached – LEPC Chairperson/ Staff Meeting Agenda\****



## **AGENDA**

### **LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) CHAIRPERSONS/STAFF CONTACTS MEETING**

**Betty Easley Conference Center  
Southwood Campus, Room 152  
4075 Esplanade Way  
Tallahassee, Florida 32399-0950**

**April 4, 2013 – 1:30 PM**

- I. INTRODUCTIONS
- II. TRAINING TASK FORCE UPDATE
- III. DISTRICT REPORTS
- IV. OTHER BUSINESS
  - a. Discussion on the Future of the Hazards Analyses Contracts  
– Paul Wotherspoon
  - b. Presentation on the use of E-Plan as a Tier I I Reporting Tool  
– Paul Wotherspoon
- V. ISSUES FOR STATE EMERGENCY RESPONSE COMMISSION (SERC)
- VI. SCHEDULE NEXT MEETING – July 2013 – Location to be Announced
- VII. ADJOURNMENT

**TAB VI - C**

# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** State Emergency Response Commission (SERC) Meeting

---

The State Emergency Response Commission (SERC) met April 5, 2013 in Tallahassee, Florida. The following were points of discussion at the meeting:

## SUMMARY

- Risk Management Program (RMP) site visits have been taking place around the state. More visits are scheduled in our LEPC region, they are:
  - Baldwin Distribution Center – June 11
  - Brandy Branch Generating Station – June 12
  - Genco Jacksonville Distribution Center – June 13
- Electronic Filing on E-Plan came in at 78% of facilities. The best year on the old (HMIS) system was 46%.

The next scheduled meeting of the SERC is **July 12, 2013** - TBD.

*Attached - SERC Agenda\**

**DIVISION OF EMERGENCY MANAGEMENT  
BUREAU OF PREPAREDNESS  
RISK MANAGEMENT PLANNING PROGRAM**

**ON SITE INSPECTION OF STATIONARY SOURCE SUBJECT TO SECTION 112(r), CLEAN AIR ACT**

DATE OF VISIT: 6/11/2013  
NAME OF FACILITY: Baldwin Distribution Center  
EPA FACILITY ID: 1000 0017 3117  
ADDRESS: 15500 West Beaver Street, Jacksonville, FL 32234  
PHONE NUMBER: 904-783-5300 / 904-266-8140  
LEPC DISTRICT: 4

**Audit Team Personnel:**

Robert Dietrich ([robert.dietrich@em.myflorida.com](mailto:robert.dietrich@em.myflorida.com)) – 850-413-9943  
Chris Stevens ([chris.stevens@em.myflorida.com](mailto:chris.stevens@em.myflorida.com)) – 850-410-1273

**Regional Coordinator:**

Brian Gibson ([brian.gibson@em.myflorida.com](mailto:brian.gibson@em.myflorida.com)) – 850-519-8480

**Local Emergency Planning Committee Representative:**

Eric Anderson ([eanderson@nefrc.org](mailto:eanderson@nefrc.org)) -904-279-0885 ext.178

**Agenda for INSPECTION DATE:**

**9:00 AM** – Inspection Opening Meeting – introductions and purpose of Inspection to ensure necessary documentation and personnel are available.

**10:00 AM** – Facility Tour and Documentation Review – Inspection team will review the following sections of the Risk Management Plan Program:

Management System	Training
Hazard Assessment	Compliance Audits
Process Safety Information	Incident Investigations
Process Hazard Analysis	Employee Participation
Operating Policies and Procedures	Hot Work Permits
Mechanical Integrity	Contractors
Management of Change	Emergency Response Program
Pre-Start Up Review	

**4:30 PM** – Exit Briefing

**Available Technical Assistance Resources:**

Technical assistance is available from the Division's Risk Management Planning staff by calling 850-413-9970. Additional resources and information is available on the internet through the Division's web site: <http://www.floridadisaster.org/hazmat/>

The U.S. Environmental Protection Agency's Emergency Management pages also offer resources and information regarding the Risk Management Plan Program, the Clean Air Act and the Chemical Accident Prevention Provisions rules available on the internet: <http://www.epa.gov/emergencies/content/rmp/index.htm>.

We have also attached a copy of the on-site Inspection checklist that we will use during our inspection.

**DIVISION OF EMERGENCY MANAGEMENT  
BUREAU OF PREPAREDNESS  
RISK MANAGEMENT PLANNING PROGRAM**

**ON SITE INSPECTION OF STATIONARY SOURCE SUBJECT TO SECTION 112(r), CLEAN AIR ACT**

DATE OF VISIT: 6/12/2013  
NAME OF FACILITY: Brandy Branch Generating Station  
EPA FACILITY ID: 1000 0018 9583  
ADDRESS: 15701 West Beaver Street, Jacksonville, FL 32234  
PHONE NUMBER: 904-665-4540 / 665-5415  
LEPC DISTRICT: 4

**Audit Team Personnel:**

Robert Dietrich ([robert.dietrich@em.myflorida.com](mailto:robert.dietrich@em.myflorida.com)) – 850-413-9943  
Chris Stevens ([chris.stevens@em.myflorida.com](mailto:chris.stevens@em.myflorida.com)) – 850-410-1273

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**4:30 PM** – Exit Briefing

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**DIVISION OF EMERGENCY MANAGEMENT  
BUREAU OF PREPAREDNESS  
RISK MANAGEMENT PLANNING PROGRAM**

**ON SITE INSPECTION OF STATIONARY SOURCE SUBJECT TO SECTION 112(r), CLEAN AIR ACT**

DATE OF VISIT: 6/13/2013  
NAME OF FACILITY: Genco Jacksonville Distribution Center  
EPA FACILITY ID: 1000 0020 6387  
ADDRESS: 12200 Presidents Court  
PHONE NUMBER: 904-378-0298  
LEPC DISTRICT: 4

**Audit Team Personnel:**

Robert Dietrich ([robert.dietrich@em.myflorida.com](mailto:robert.dietrich@em.myflorida.com)) – 850-413-9943  
Chris Stevens ([chris.stevens@em.myflorida.com](mailto:chris.stevens@em.myflorida.com)) – 850-410-1273

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- Management System
- Hazard Assessment
- Incident Investigations
- Emergency Response Program

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Technical assistance is available from the Division's Risk Management Planning staff by calling 850-413-9970. Additional resources and information is available on the internet through the Division's web site: <http://www.floridadisaster.org/hazmat/>

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We have also attached a copy of the on-site Inspection checklist that we will use during our inspection.



Vacant  
Office of the Governor

Mr. Doug White  
Florida Department of Environmental  
Protection

Maj. Dan Starling  
Florida Highway Patrol

Vacant  
Florida Department of Transportation

Vacant  
Florida Chamber of Commerce

Mr. Larry Jerome McIntyre (Pending)  
Florida Department of Economic  
Opportunity

Vacant  
Transportation Industry

John Kohnke  
State Fire Marshal

Mr. Bruce T. Haddock (Pending)  
Florida League of Cities

Mr. Brian Teeple  
Florida Regional Councils Association

Chief Michael D. Murphy  
Florida Fire Chiefs Association

Ms. Nancy Stephens  
Florida Minerals and Chemistry Council

Mr. Taylor Abel  
Phosphate Industry

Vacant  
Associated Industries of Florida

Mr. Gary Weiss  
Environmental

Special Agent Dan Cerione  
Florida Department of Law Enforcement

Mr. Ray Butts  
Utility Industry

Mr. Ron Mills (Pending)  
Florida Emergency Preparedness  
Association

Ms. Jennifer Hobbs  
Local Emergency Planning Committees

Mr. Eugene "Ken" Wolfe  
Florida Association of Counties

Mr. David Mica  
Petroleum Industry

Mr. David Rogers  
Liquefied Petroleum Gas Industry

Mr. James "Jim" Kuzma  
Space Florida

Captain John Sherry  
Florida Professional Firefighters

Mr. Bobby Bailey  
Florida Department of Health

Mr. K. Mark Tumlin  
Agriculture Industry

Mr. John Terry  
Florida Department of Agriculture and  
Consumer Services

*Florida*  
State  
Emergency  
Response  
Commission  
for Hazardous Materials



# MEETING

# AGENDA

Date: April 5, 2013

Time: 10:00 a.m.

Location: Betty Easley Conference Center  
Room 152

4075 Esplanade Way

Tallahassee, Florida 32399

Bryan W. Koon, Chair  
Mike DeLorenzo, Alternate Chair





## AGENDA

# STATE EMERGENCY RESPONSE COMMISSION (SERC) FOR HAZARDOUS MATERIALS

Betty Easley Conference Center  
Southwood Campus, Room 152  
4075 Esplanade Way  
Tallahassee, Florida 32399-0950

April 5, 2013 – 10:00 AM

## PLEDGE OF ALLEGIANCE

## Roll Call and Verification of Quorum

## APPROVAL OF MINUTES

1. **Approval of Minutes for January 25, 2013 SERC Meeting**  
ACTION: Motion for SERC Approval  
EXHIBIT: Minutes of January 25, 2013 SERC meeting

## NEW BUSINESS

2. **Local Emergency Planning Committees (LEPCs) Appointments**  
ACTION: Approval of the list of recommended members and alternates  
EXHIBIT: Memo #05-13  
(Pages 1-6)
3. **Audit/Inspection Work Plan for the Risk Management Planning (RMP) Program for Fiscal Year 2012/2013**  
ACTION: Approval/adoption of the work plan  
EXHIBIT: Memo #06-13  
(Pages 7-8)

## **Reports**

4. **Report from the SERC Training Task Force (TTF)**  
**ACTION:** Oral report on issues of the SERC TTF
5. **Report on Use of E-Plan as a Tier II Reporting Tool**  
**ACTION:** Oral report by DEM Staff
6. **Report on Future Hazardous Analysis Update Contracts**  
**ACTION:** Oral report by DEM Staff
7. **Financial Status Report**  
**ACTION:** Report on revenues received and expenditures incurred for the fiscal year  
**EXHIBIT:** Memo #07-13  
(Pages 9-12)
8. **Hazardous Materials Incidents Report**  
**ACTION:** Report on recent hazardous materials incidents reported in the State of Florida  
**EXHIBIT:** Memo #08-13  
(Pages 13-22)
9. **Update of Staff Activities and Reports by Section**  
**ACTION:** Update on the reports received by section; included is an update on staff presentations and information requests  
**EXHIBIT:** Memo #09-13  
(Pages 23-28)
10. **Update on the LEPC Activities**  
**ACTION:** An update of the meetings and activities conducted by each of the 11 LEPCs  
**EXHIBIT:** HazMatters

## **Other Business**

**Transportation Community Awareness and Emergency Response (TRANSCAER) – Paul Wotherspoon, Florida Coordinator**

## **Comments**

### **FUTURE SERC MEETING DATES**

July 12, 2013 – TBD

October 4, 2013 –TBD

## **Adjourn**

**TAB VII-A**

# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** LEPC CD Funds to Cover Training Costs

---

The LEPC CD was cashed out at the direction of the LEPC. The LEPC requested that the CD funds be used to cover training classes and costs that would otherwise not be covered by the HMEP Grant.

None of these funds were used during the last quarter.

The current balance of the LEPC account is: **\$3,878.77**

**TAB VII-B**

# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** LEPC District IV Training Committee Report

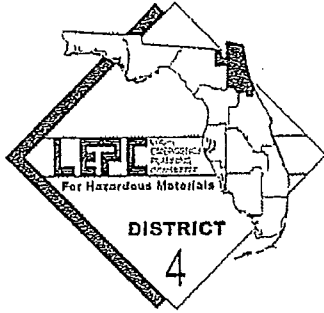
---

## **FUTURE TRAINING REQUESTS**

Please fill out a training request form if you would like to submit a training request. This form can be procured from LEPC staff, and is available electronically or as a hard copy.

Please return the form to staff upon completion for submittal and consideration by the Training Committee. All requests should include approval from your agency director, chief or training officer.

*Attachment – Training Request Form\**



# **Northeast Florida Local Emergency Planning Committee**

6850 Belfort Oaks Place Jacksonville, Florida 32216  
 (904) 279-0880 Fax (904) 279-0881 Suncom 874-0880 Suncom Fax 874-0881  
 Web site: www.nefrpc.org

## Training Request Form

The Training Committee will need to hold a Training and Exercise Planning Workshop to identify potential training needs and requests for the upcoming year and the subsequent two years. Last year, the Training Committee developed a three-year plan to examine the future use of these funds and to assist staff with coordinating the training priorities.

This meeting will be held on a date to be determined. To submit a training request, please fill out the following information (as much as possible) and return to staff:

**Name of Course:** \_\_\_\_\_

**Course Location/Facility:** \_\_\_\_\_

**Course Scheduling:** Year:  2013  2014  2015  
 Quarter:  1<sup>st</sup>  2<sup>nd</sup>  3<sup>rd</sup>  4<sup>th</sup>

**Level:**  Awareness  Operational  Technician  Train the Trainer  
 Refresher  ICS/Command  Specialist  Other \_\_\_\_\_

**Target Audience:**  Fire  HazMat  Emergency Mgt  Law Enforcement  
 Environmental  Health  Public Works

Transportation  
 EMS  Other \_\_\_\_\_

**Estimated Total Cost:** \$ \_\_\_\_\_

**Potential Instructor(s):** \_\_\_\_\_

**Course Goal(s):**  
 \_\_\_\_\_  
 \_\_\_\_\_

**TAB VII-C**



# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Hazardous Materials Incident Reports

---

## SUMMARY

The attached tables and graphs provide information on all hazardous materials incident reports received by the State Watch Office. The incident reports are reviewed by Hazardous Materials Planning staff on a daily basis for compliance and verification purposes. The information helps identify potential Section 304 violators, as well as facilities which may have an obligation to report under other sections of EPCRA and the Risk Management Planning (RMP) programs.

*Table 1* - lists incidents by LEPC District for the period of **September 1, 2012** through **February 28, 2013**. "Potential Section 304 Investigations" are incidents involving the release of Extremely Hazardous Substances (EHS) or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) chemicals at fixed facilities and are investigated by State-level staff. In order for an incident to be covered under Section 304, the EHS or CERCLA chemical must meet or exceed its designated Reportable Quantity (RQ) and have potential for offsite exposure.

*Table 2* - provides a breakdown for fixed facilities of all hazardous material incidents where evacuations, injuries or deaths were reported (where available).

*Table 3* - covers transportation related incidents and differentiates between chemical-related and traffic accident-related deaths. Please note that official causes of death are determined by the medical examiner's office and may take up to 90 days for the final report. The reporting timeframe is **December 1, 2012** through **February 28, 2013**.

*Graph I* - depicts total incidents within the State from **January 1, 2000** through **December 31, 2012**. The trend for this year is a slight uptick when compared to 2011.

# Hazardous Materials Incident Report - Table 1

## 12/1/2012 Through 2/28/2013

### Potential Section 304 Investigations at Fixed Facilities

#### 01 - West Florida Regional Planning Council

LEPC 01 - Total Releases    **3**

##### BAY COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
01/14/2013	Methamphetamine	Meth Lab	03/15/2013	Closed.	Private

##### ESCAMBIA COUNTY - 2 releases

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/22/2012	Mercury	Residence	01/03/2013	Closed	Private
01/11/2013	Mercury	Public Safety	03/15/2013	Closed	Public

#### 02 - Apalachee Regional Planning Council

LEPC 02 - Total Releases    **1**

##### LEON COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
01/10/2013	Hydrochloric Acid	Residence	03/15/2013	Closed	Private

#### 03 - North Central Florida Regional Planning Council

LEPC 03 - Total Releases    **2**

##### ALACHUA COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/03/2012	Liquid Bromine	College	12/04/2012	Closed	Public

##### SUWANNEE COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/05/2012	Sodium Hypochlorite	Water Plant	12/06/2012	Closed	Public

#### 04 - Northeast Florida Regional Planning Council

LEPC 04 - Total Releases    **2**

##### DUVAL COUNTY - 2 releases

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/06/2012	Coke Dust	Electric Service	12/06/2012	Closed	Private
01/06/2013	Hydrogen Peroxide	Electric Service	01/29/2013	Closed	Private

#### 05 - Withlacoochee Regional Planning Council

LEPC 05 - Total Releases    **1**

##### SUMTER COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
01/05/2013	Mercury	Residence	01/29/2013	DEP Case	Private

# Hazardous Materials Incident Report - Table 1

12/01/2012 Through 02/28/2013

## Potential Section 304 Investigations at Fixed Facilities

### 06 - East Central Florida Regional Planning Council

LEPC 06 - Total Releases    **4**

#### LAKE COUNTY - 2 releases

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/28/2012	Mercury	0.0034	Residence	01/16/2013	Closed	Private
02/11/2013	Anhydrous Ammonia	492	Frozen Juice Mfg	03/11/2013	Closed	Private

#### ORANGE COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
02/04/2013	Chlordane	Unknown	Farm	03/12/2013	Closed	Private

#### VOLUSIA COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
01/10/2013	Liquid Malathion	0.25	Farm	03/15/2013	Closed	Private

### 07 - Central Florida Regional Planning Council

LEPC 07 - Total Releases    **1**

#### POLK COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
02/06/2013	Sulfuric Acid	1,226	Mining	03/11/2013	Closed	Private

### 08 - Tampa Bay Regional Planning Council

LEPC 08 - Total Releases    **4**

#### HILLSBOROUGH COUNTY - 1 releases

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
02/02/2013	Perchloroethylene	270	Dry Cleaners	03/12/2013	DEP Case	Private

#### MANATEE COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
02/19/2013	Anhydrous Ammonia	99	Frozen Juice Mfg	02/20/2013	Open	Private

#### PINELLAS COUNTY - 2 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/12/2012	Toluene Diisocyanate	152	Rubber Mfg	12/13/2012	Closed	Private
01/18/2013	Sulfuric Acid	8	Unknown	03/14/2013	Closed	Unknown

# Hazardous Materials Incident Report - Table 1

12/1/2012 Through 2/28/2013

## Potential Section 304 Investigations at Fixed Facilities

### 09 - Southwest Florida Regional Planning Council

LEPC 09 - Total Releases    **4**

#### COLLIER COUNTY - 1 releases

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
02/21/2013	Sodium Hypochlorite	79	Water Park	03/08/2013	Closed	Private

#### LEE COUNTY - 1 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
01/20/2013	Unknown Chemicals	Unknown	Meth Lab	03/14/2013	Closed	Private

#### SARASOTA COUNTY - 2 release

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/04/2012	Unknown Chemicals	Unknown	Meth Lab	12/04/2012	Open	Private
01/31/2013	Mercury	0.0034	Residence	03/12/2013	Closed	Private

### 11 - South Florida Regional Planning Council

LEPC 11 - Total Releases    **4**

#### BROWARD COUNTY - 2 releases

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
1/5/2013	Chlorine Gas	75	Residence	1/6/2013	Open	Private
02/26/2013	Mercury	0.03381	Residence	03/04/2013	Closed	Private

#### DADE COUNTY - 2 releases

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Action Date</u>	<u>Comment</u>	<u>Sector</u>
12/29/2012	Anhydrous Ammonia	50	Cold Storage	12/29/2012	Open	Private
01/16/2013	Sodium Sulfide	0	Metal Plating	03/14/2013	Closed	Private

# Hazardous Materials Incident Report - Table 2

12/01/2012 Through 02/28/2013

## Hazardous Materials Incidents with Evacuations, Injuries, and Deaths (Fixed Facilities)

### 01 - West Florida Regional Planning Council

**BAY COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
01/14/2013	Methamphetamine	Unknown	Meth Lab	1	0	0	Chemical burns

### 03 - North Central Florida Regional Planning Council

**ALACHUA COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
12/03/2012	Liquid Bromine	Unknown	College	1	0	0	Chemical burns

### 04 - Northeast Florida Regional Planning Council

**CLAY COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
01/11/2013	Natural Gas	Unknown	Hotel	0	Unknown	0	N/A

### 06 - East Central Florida Regional Planning Council

**LAKE COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
12/28/2012	Mercury	0	Private Residence	1	0	0	Trauma

**VOLUSIA COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
1/10/2013	Liquid Malathion	0.25	Farm	1	3	0	Chemical burns
02/07/2013	Natural Gas	Unknown	Pipeline	1	3	0	Nothing listed

### 08 - Tampa Bay Regional Planning Council

**HILLSBOROUGH COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
1/13/2013	Propane	Unknown	Private Residence	0	Unknown	0	N/A

# Hazardous Materials Incident Report - Table 2

12/01/2012 Through 02/28/2013

## Hazardous Materials Incidents with Evacuations, Injuries, and Deaths (Fixed Facilities)

### 08 - Tampa Bay Regional Planning Council (continued)

#### MANATEE COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
1/29/2013	Gasoline	Unknown	Resort	2	0	0	Trauma

#### PASCO COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
1/29/2013	Natural Gas	Unknown	Restaurant	0	Unknown	0	N/A

### 09 - Southwest Florida Regional Planning Council

#### SARASOTA COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
12/04/2012	Unknown Chemicals	Unknown	Meth Lab / Apartment	7	50	0	Chemical Exposure
01/05/2013	Natural Gas	Unknown	Private Residence	0	6	0	N/A

### 10 - Treasure Coast Regional Planning Council

#### PALM BEACH COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
12/15/2012	Natural Gas	Unknown	Private Residence	0	Unknown	0	N/A

### 11 - South Florida Regional Planning Council

#### BROWARD COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
01/05/2013	Chlorine Gas	75	Private Residence	0	7	0	N/A
01/30/2013	Pepper Spray	Unknown	Medical Center Plaza	16	Unknown	0	Chemical Exposure
02/08/2013	Propane	Unknown	Commercial Bldg	0	Unknown	0	N/A

#### DADE COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause of Death/Injury</u>
01/16/2013	Sodium Sulfide	0	Metal Plating	14	0	0	Chemical Exposure

\* May take FDLE 30-90 days to report cause of death

# Hazardous Materials Incident Report - Table 3

12/01/2012 Through 02/28/2013

## Transportation Incidents with Evacuations, Injuries, and Deaths

### 01 - West Florida Regional Planning Council

#### BAY COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
1/23/2013	Diesel Fuel	Traffic Accident	1	0	0	Trauma

#### WALTON COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
2/27/2013	Diesel Fuel	Traffic Accident	1	0	0	Trauma

### 03 - North Central Florida Regional Planning Council

#### MADISON COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
12/08/2012	Diesel Fuel	Traffic Accident	1	0	0	Unknown

### 04 - Northeast Florida Regional Planning Council

#### DUVAL COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
02/14/2013	Diesel Fuel	Traffic Accident	1	0	0	Trauma

#### SAINT JOHNS COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
12/19/2012	Diesel Fuel	Traffic Accident	1	0	0	Unknown
01/30/2013	Diesel Fuel	Traffic Accident	0	0	1	Unverified per FDLE

### 05 - Withlacoochee Regional Planning Council

#### MARION COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
12/25/2012	Diesel Fuel	Traffic Accident	1	0	0	Unknown

### 06 - East Central Florida Regional Planning Council

#### BREVARD COUNTY

<u>Release Date</u>	<u>Chemical Name</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
12/12/2012	Gasoline	Boating Accident	1	0	0	Thermal Burns
12/26/2012	Natural Gas	Pipeline	0	Unknown	0	N/A

# Hazardous Materials Incident Report - Table 3

12/01/2012 Through 2/28/2013

## Transportation Incidents with Evacuations, Injuries, and Deaths

### 06 - East Central Florida Regional Planning Council (continued)

#### LAKE COUNTY

<u>Release Date</u> 2/8/2013	<u>Chemical Name</u> Natural Gas	<u>Release Amt</u> Unknown	<u>Business Type</u> Pipeline	<u>Injured</u> 0	<u>Evacuated</u> 6	<u>Fatalities</u> 0	<u>Cause Of Death / Injury</u> N/A
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#### VOLUSIA COUNTY

<u>Release Date</u> 2/19/2013	<u>Chemical Name</u> Natural Gas	<u>Release Amt</u> Unknown	<u>Business Type</u> Pipeline	<u>Injured</u> 0	<u>Evacuated</u> 1	<u>Fatalities</u> 0	<u>Cause Of Death / Injury</u> N/A
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### 07 - Central Florida Regional Planning Council

#### HARDEE COUNTY

<u>Release Date</u> 12/03/2012	<u>Chemical Name</u> Diesel Fuel	<u>Release Amt</u> 74	<u>Business Type</u> Traffic Accident	<u>Injured</u> 2	<u>Evacuated</u> 0	<u>Fatalities</u> 0	<u>Cause Of Death / Injury</u> Unknown
<u>Release Date</u> 12/07/2012	<u>Chemical Name</u> Diesel Fuel	<u>Release Amt</u> Unknown	<u>Business Type</u> Traffic Accident	<u>Injured</u> 1	<u>Evacuated</u> 0	<u>Fatalities</u> 0	<u>Cause Of Death / Injury</u> Trauma

#### POLK COUNTY

<u>Release Date</u> 01/09/2013	<u>Chemical Name</u> Diesel Fuel	<u>Release Amt</u> 185	<u>Business Type</u> Traffic Accident	<u>Injured</u> 0	<u>Evacuated</u> 0	<u>Fatalities</u> 2	<u>Cause Of Death / Injury</u> Waiting on ME
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### 08 - Tampa Bay Regional Planning Council

#### HILLSBOROUGH COUNTY

<u>Release Date</u> 12/03/2012	<u>Chemical Name</u> Diesel Fuel	<u>Release Amt</u> 1,110	<u>Business Type</u> Traffic Accident	<u>Injured</u> 1	<u>Evacuated</u> 0	<u>Fatalities</u> 0	<u>Cause Of Death / Injury</u> Unknown
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#### MANATEE COUNTY

<u>Release Date</u> 01/08/2013	<u>Chemical Name</u> Gasoline	<u>Release Amt</u> Unknown	<u>Business Type</u> Traffic Accident	<u>Injured</u> 4	<u>Evacuated</u> 0	<u>Fatalities</u> 2	<u>Cause Of Death / Injury</u> Trauma
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#### PASCO COUNTY

<u>Release Date</u> 12/11/2012	<u>Chemical Name</u> Diesel Fuel	<u>Release Amt</u> 592	<u>Business Type</u> Traffic Accident	<u>Injured</u> 1	<u>Evacuated</u> 0	<u>Fatalities</u> 0	<u>Cause Of Death / Injury</u> Unknown
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# Hazardous Materials Incident Report - Table 3

12/1/2012 Through 02/28/2013

## Transportation Incidents with Evacuations, Injuries, and Deaths

### 09 - Southwest Florida Regional Planning Council

**COLLIER COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
12/27/2012	Diesel Fuel	Unknown	Traffic Accident	1	0	0	Unknown

### 10 - Treasure Coast Regional Planning Council

**MARTIN COUNTY**

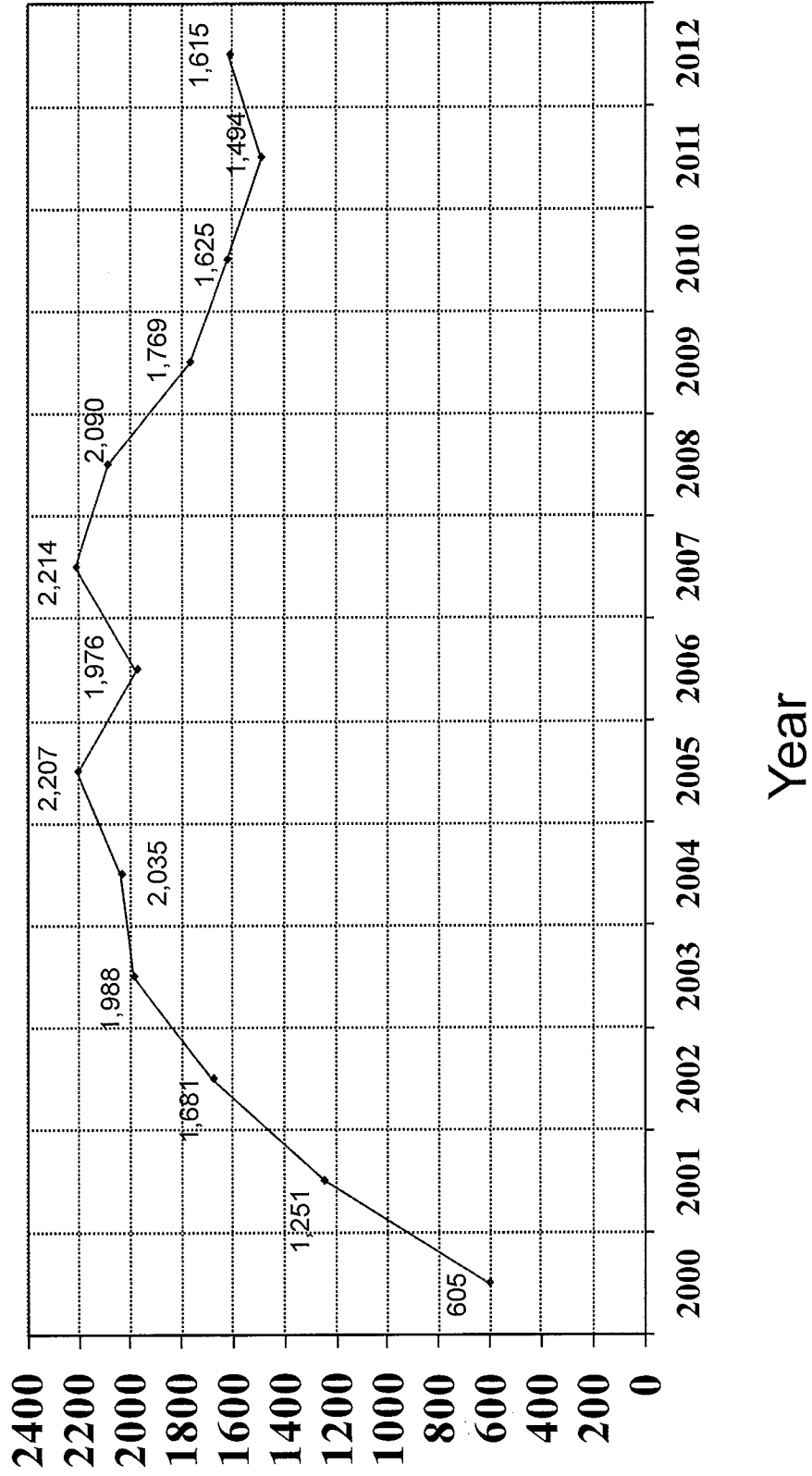
<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
01/09/2013	Diesel Fuel	Unknown	Traffic Accident	1	0	0	Trauma

**PALM BEACH COUNTY**

<u>Release Date</u>	<u>Chemical Name</u>	<u>Release Amt</u>	<u>Business Type</u>	<u>Injured</u>	<u>Evacuated</u>	<u>Fatalities</u>	<u>Cause Of Death / Injury</u>
01/29/2013	Natural Gas	Unknown	Pipeline	0	10	0	N/A

\* May take FDLE 30-90 days to report cause of death

Graph I  
**HAZARDOUS MATERIALS INCIDENT REPORTS**  
 (January 1, 2000 through December 31, 2012)



# TAB VIII

- A. Presentation by the National Weather Service – Jacksonville Office
- B. Clay County - After Action Report
- C. Flagler County – TBD
- D. West, Texas Explosion

# TAB X

# MEMORANDUM

**DATE:** May 5, 2013  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Next Meeting

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The next meeting of the LEPC is August 14th at the offices of the Northeast Florida Regional Council in Jacksonville, Florida.

**Next LEPC Meeting Date:**

August 14th, 2013 at 10am

Northeast Florida Regional Council  
6850 Belfort Oaks Place  
Jacksonville, Florida 32207