



## **Northeast Florida Regional Council**

**6850 Belfort Oaks Place  
Jacksonville, Florida 32216**

**Wednesday, November 12, 2014 - 10:00a.m.**

- I. Call to Order**
- II. Introductions, Pledge of Allegiance, and Roll Call**
- III. Welcome Membership**
- IV. Approval of August, 2014 meeting minutes \***
- V. Current Business**
  - A. Hazardous Materials Emergency Preparedness Grant
    - i. Planning
    - ii. Training
      - 1. Annual Hazardous Materials Symposium update – **Lt. Jonathan Lamm**
      - 2. Training Grant & New Training Opportunities
        - a. HazMat Incident Commander Course
        - b. Upcoming Opportunities
  - B. Hazards Analysis
    - i. Regional Section 302 (EHS) Facilities
  - C. Training Task Force Meeting
  - D. LEPC Chair/Staff Meeting
  - E. SERC Meeting
- VI. Reports**
  - A. Treasury Report
  - B. Hazardous Materials Release Report
- VII. Other**
  - A. CSB Recommended Changes to the Emergency Response Guidebook (ERG)
  - B. Presentation on CSX Operation Respond, MobileWeb tool for HazMat Responders
    - i. Presentation by John McFall –Emergency Planning and Coordination Manager
  - C. Remaining Business if Needed
- VIII. Public Comments**
- IX. Adjournment\***

\*Denotes Action

# TAB III

## District 4 LEPC - Membership List

	<i>Primary Name</i>	<i>Occupational Category</i>	<i>Alternate Name</i>
1	Chief Michael Bazanos	<b>Firefighting</b>	<b>Kevin Guthrie</b>
2	Henry Bonar	<b>Facility Owner</b>	Amy Pilgrim
3	Morrison Braren	<b>Non-Elected Local Official</b>	
4	Terry Carr	<b>Local Environmental</b>	Jean Richards
5	Sandi Courson	<b>Health</b>	
6	Paul Crist	<b>Transportation</b>	<b>Julius Rinosa</b>
7	Bill Decker	<b>Local Environmental</b>	
8	Sheriff Joey B. Dobson	<b>Law Enforcement</b>	
9	Chief Lenny Ensalaco	<b>Firefighting</b>	Rolf Preuss
10	Eng. George Faucher, Jr.	<b>Firefighting</b>	
11	Gerry Gividen	<b>Interested Citizen</b>	
12	Ben Huron	<b>Local Environmental</b>	Kari Reno
13	Gracie Kennedy	<b>Local Environmental</b>	Matthew Harris
14	Chief Richard Knoff *	<b>Firefighting</b>	Jonathan Lamm
15	<b>Ronald Lendvay</b>	<b>Law Enforcement</b>	<b>James Watford</b>
16	William Lord	<b>Facility Operator</b>	
17	<b>Traci Masau</b>	<b>Emergency Management</b>	
18	<b>Tenneth Minor</b>	<b>Firefighting</b>	<b>Charles Johnson</b>
19	Steven Millican	<b>Emergency Management</b>	
20	James Murphy	<b>Community Group</b>	
21	<b>Beverly Pitts</b>	<b>Facility Operator</b>	
22	Quin Romay	<b>Emergency Management</b>	Ryan Simpson
23	Lt. John Scott, III	<b>Firefighting</b>	
24	Chief Harvey "Ty" Silcox	<b>Firefighting</b>	Kyle Williamson
25	Chief Joel Sneed	<b>Firefighting</b>	<b>Brian Mitzel</b>
26	Roger Studenski	<b>Transportation</b>	David Dunkley
27	John Ward	<b>Emergency Management</b>	Maria Haney
28	<b>Scott West</b>	<b>Hospital</b>	
29	Ken Wilkey **	<b>Facility Operator</b>	
	<b>Chairperson *</b>	<b>Vice-Chairperson **</b>	<b>10/29/2014</b>
	<i>Quorum = 9 Members</i>	<i>New Members</i>	

# TAB IV



Northeast Florida  
Local Emergency Planning Committee



Wednesday, August 13, 2014  
10:00 a.m.

## MINUTES

A meeting of the District IV Local Emergency Planning Committee was held on Wednesday, August 13, 2014, at 10:00 a.m., at the Northeast Florida Regional Council, 6850 Belfort Oaks Place, Jacksonville, Florida. Chair Richard Knoff called the meeting to order with the following members:

### Present

Henry Bonar – Facility Owner  
Morrison Braren – Non-Elected Local Official  
Terry Carr – Environmental  
Sandi Courson – Health  
Paul Crist – Transportation  
Bill Decker – Environmental  
*David Dunkley* for Roger Studenski - Transportation  
Chief Lenny Ensalaco - Firefighting  
*Matthew Harris* for Gracie Kennedy – Local  
Environmental  
Chief Richard Knoff – Firefighting  
Ronald Lendvay – Law Enforcement  
Traci Masau – Emergency Management  
Tenneth Minor – Firefighting  
*Brian Mitzel* for Chief Joel Sneed – Firefighting  
James Murphy – Community Group  
Beverly Pitts – Facility Operator  
Ken Wilkey – Facility Owner

### Excused

George Faucher, Jr. – Firefighting  
Gerry Gividen – Interested Citizen  
Ben Huron – Local Environmental  
William Lord – Facility Owner  
Steve Millican – Emergency Management  
John Ward – Emergency Management

### Absent

Chief Michael Bazanos – Firefighting  
Sheriff Joey Dobson – Law Enforcement  
Quin Romay – Emergency Management  
Lt. John Scott, III – Firefighting  
Chief Harvey Silcox – Firefighting

**Guests:** Julius Rinos, FDOT; Alex Sease, Westway; Frank Bernhard, DHS; Alison Allwine, Mitch Sneed, Florida Air National Guard

**Staff Present:** Eric Anderson and Angie Carnley

Chair Knoff called the meeting to order and led the Pledge of Allegiance. He then requested a roll call, which confirmed a quorum. The Chairperson extended a welcome to the guests, and asked them to introduce themselves. Chief Knoff then called attention to the new members list and welcomed new and alternate members for the current 2-year cycle.

## **\*APPROVAL OF MINUTES**

**Chair Knoff called for a motion to approve the May 2014 minutes. A motion to approve was made by Bill Decker, seconded by Terry Carr. The motion carried unanimously.**

## **CURRENT BUSINESS**

**Hazardous Material Emergency Preparedness (HMEP) Grant:** Mr. Anderson explained the LEPC receives grant funding for hazardous material emergency preparedness in two forms: a planning function, and a training function. The planning function allocates approximately \$20,000 annually for a planning project. This year, the LEPC will piggyback off last year's tabletop exercise into a full-scale or functional exercise, demonstrating what was learned from the tabletop exercise. Work has not begun on this project at this time due to the delay in receiving the HMEP Grant contract. Once funds are received, work will begin on this project. One-quarter of the total amount of the contract must be expended in the first quarter of the contract year. There is a formal process involved in planning an exercise, and a copy of the guidelines was included in the meeting packet.

Chief Knoff asked if a decision had been made on where to hold this year's exercise. Mr. Anderson explained that although last year's exercise was held in St. Johns County, this year's location was dependent upon the railways and our ability to obtain props. Terry Carr asked if a decision had been made about when the exercise would be held. Mr. Anderson replied that no decision had been made at this time, but it was expected the exercise would be held in April.

**Annual Hazardous Materials Symposium Update:** Chief Knoff explained Lt. Lamm was in class and unable to attend today's meeting, but that the Fire Rescue East Training Symposium scheduled for January is on track and on schedule. Mr. Anderson commented that we sent 30+ people to this symposium each of the last two years, and we are planning to send this same number again this year.

Mr. Anderson explained that generally, the State is moving away from Training & Exercise Plans (TEPs) in favor of RTIPP. Every year, agencies and organizations are required to submit a Training & Exercise Plan at the local level, which is sent to the County and then to the State. What the State has found is that once the required documents are received at the State level, a lot of the information on wants and needs is lost or muddled. The new process will identify and document training or exercise gaps in a specific community, then the LEPC will develop individual profiles for each county. This process of identification will begin in November and finish in February or March 2015. Upon completion, we should have a workable 3-year calendar. Chief Knoff commented the Training Subcommittee has been working to develop a 3-year training calendar for community needs in our region.

**Hazards Analysis Update:** Mr. Anderson explained we would now have two different types of hazards analysis: hazards analysis site visits and hazards analysis review. Site visits are conducted annually by Regional Council staff to review and verify information on the Tier II inventory reports, including quantities, storage containers, and general compliance issues. Currently, completed reports are sent to the State for review. The State has decided to delegate these reviews to the Regional Councils as a quicker, more efficient, more personable process. A Scope of Work has been negotiated between the State and various Regional Councils and LEPCs, the only sticking point being the necessary funding. Within the next year, a sub-body of the LEPC will be required to review the site visits results, as well as create vulnerability maps and transportation routes, and send this information to the State for oversight. Chief

Knoff clarified that the Counties would submit HAs to the LEPCs for sign-off. Mr. Carr asked if the LEPC would have their reports reviewed by the LEPC. Mr. Anderson responded that it would be possible to swap report reviews with an adjacent LEPC for independent verification. Mr. Anderson further commented that this process was purely speculation until the financial details were resolved.

Chief Knoff announced that included in the meeting packet is the current list of facilities that require 302 reporting. Mr. Anderson added these facilities have extremely hazardous substances, those that may cause serious harm to people or the environment. These facilities are visited on a rotating 2-year basis. Each year, half of the facilities are visited for site inspections. A new stipulation in the contract this year allows Counties to pick which 50% of facilities are visited in any given year. If the County determines a facility is more high-risk or has higher quantities of listed substances, it would be possible to have that facility inspected every year instead of every two years. Chief Knoff asked members to review the list for facilities in their County, and notify Mr. Anderson of any mistakes or omissions.

**Training Task Force Update:** Mr. Anderson informed members that this year's task force focused on the development of the Third Annual Hazardous Materials Symposium. He further added that Lt. Lamm would provide more information on the event at the LEPC meeting in November. The Training Task Force is developing a statewide newsletter to provide information on training that is taking place statewide. Mr. Anderson said we currently have a quarterly report called HazMatters, which identifies activities in our Region, but that the training portion of this report will be culled.

**LEPC Chair/Staff Meeting:** Mr. Anderson said the group covered what the initial recommendations would be for the Hazards Analysis Working Group, which he had previously discussed.

Mr. Anderson further stated he would be reviewing Presidential Executive Order 13650, which is a result of the West, Texas fertilizer plant explosion. The Committee will review recommendations from this report, many of which are already considered best practices in Florida.

Mr. Anderson announced that some agencies and organizations now have the ability to review manifests for train shipments traveling through our Region. Mr. Anderson reported he plans to contact CSX to invite them to present to the Committee on this subject. In the event of an accident resulting in a spill, first responders will be able to obtain information quickly on what is being transported.

## **REPORTS**

**Treasurer's Report:** Chief Knoff reported there is currently \$548 in the LEPC account.

**Hazardous Materials Release Report** – Mr. Anderson said the most notable release investigation concerns the accidental release of a large quantity of mercury. During general maintenance activities, 12-lbs of mercury were spilled by workers, resulting in the largest mercury spill in the State. Staff is currently working with the hospital on compliance and safety issues.

Transportation incidents involving evacuations, injuries, or deaths included small fuel spills due to accidents, and one fatality in Putnam County associated with an airplane crash.

## OTHER

**Proposed Rulemaking for the Safe Transportation of Crude Oil and Flammable Liquids:** Mr. Anderson advised this rule was spawned from the bakken oils flammability and explosive hazards, and ethanol. We have had a large number of ethanol spills in the State in the last several years. Chief Knoff asked Ms. Tenneth Minor if the City of Jacksonville has a procedure in place for ethanol spills. Ms. Minor advised she believes this is so. Chief Knoff asked Ms. Minor to research this issue, and if the City does have a plan for ethanol spills, to forward that to Mr. Anderson to be used as a template for other Counties in the Region. Mr. Anderson further stated it has been recommended that the DOT-111 large railcars be upgraded for safety.

**Presidential Executive Order 13650:** Mr. Anderson reviewed Executive Order 13650, which is intended to improve chemical facility safety and security. An executive summary and fact sheet was included in the meeting packet. Please contact Mr. Anderson for further information.

**Chemical Facility Anti-Terrorism Standards (CFATS):** Mr. Anderson introduced Frank Bernhard from the Department of Homeland Security, who presented a brief overview on Chemical Facility Anti-Terrorism Standards. Mr. Bernhard spoke extensively on Risk, Risk-based Performance Standards, and Facility Tiers.

**Thomas Yatabe Award Nominations:** Chief Knoff announced the Yatabe Award Nominations are due by the end of August. Please send all nominations to Mr. Anderson.

**Committee Comments:** Mr. Carr thanked Mr. Anderson for passing on information on the Incident Planned System training provided last week, the ICS-320 training. Mr. Carr commented that while there were some area emergency responders in attendance, he felt attendance could be boosted.

**Next Meeting** – Chair Knoff announced the next quarterly meeting is scheduled for November 12, 2014 at the Northeast Regional Planning Council, 6850 Belfort Oaks Place, Jacksonville, Florida 32216.

## ADJOURNMENT

There being no further business to come before the LEPC, Chair Knoff adjourned the meeting at 11:38 am.

**TAB V - Ai**

# MEMORANDUM

**DATE:** November 3, 2014  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Hazardous Materials Emergency Preparedness – Planning Grant

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## **Annual Contracts:**

This year's funding cycle has been broken up into two phases. They are:

1. July 1st to September 30th – and has been extended through November 15<sup>th</sup>
2. October 1<sup>st</sup> to June 30, 2015.

All of the 1<sup>st</sup> phase grant funding has been encumbered or expended prior to the November 15<sup>th</sup> extension.

The LEPC is currently awaiting the 2<sup>nd</sup> phase contract from FDEM. A meeting regarding the HMEP grants, and its requirements, is scheduled to take place in Gainesville in December. Staff will be provided an overview of changes to the grant, and have expectations set from FDEM as LEPC sub recipients of the HMEP grant.

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## **Annual Planning Project:**

The LEPC is required to conduct a hazardous materials planning project on an annual basis. The project must be hazardous materials and transportation related.

Last year the LEPC conducted a Tabletop Exercise (TTX) with a scenario of a train derailment that caused a railcar with chlorine gas to rupture in St. Augustine. The TTX was attended by 10 agencies and 27 people.

The goal for this year is to take the lessons learned from the TTX and to conduct a functional exercise, ultimately taking the exercise out of the classroom and into the practical application world.

Staff has attached the guidelines from last year's grant. The requirements for this year should closely resemble the requirements of last year.

### **Option 3: LOCAL EMERGENCY PLANNING COMMITTEE PLAN EXERCISE**

Funding is provided to perform eligible activities as identified in the Hazardous Materials Emergency Preparedness Planning Grant Program. The staff assigned to this program should conduct activities pursuant to this scope of work with the support of the Local Emergency Planning Committee (LEPC) and consistent with the direction of the Division. The work tasks include, but are not limited to, the following activities.

**Task 1:** On behalf of the LEPC, provide staff support to the LEPC to develop and conduct an exercise of the LEPC hazardous materials emergency plan. Use the Homeland Security Exercise Evaluation Program (HSEEP) guidelines to develop, conduct and evaluate the exercise. The following exercise must be regional in scope to reflect an incident requiring a multi-jurisdictional or cooperative response and shall include a transportation element. The exercise must meet the following criteria:

1. A full-scale exercise that tests a minimum of two functional areas (e.g., communications, evacuation, resource management, etc.) or;
2. A comprehensive table top exercise utilizing a simulator / diorama that can be altered to closely reflect an actual location within the jurisdiction being tested. The exercise must test a minimum of two (2) functional areas (e.g., communications, evacuation, resource management, etc.)

**Task 2:** The required exercise staffing tasks at a minimum consist of the following:

1. Meet with local emergency management staff and local emergency response officials within the district to accomplish the following:
  - a. Explain the purpose and scope of the exercise;
  - b. Establish a method to coordinate procedures among local emergency response officials;
  - c. Identify key personnel to be involved in the exercise which shall include emergency management staff; and
  - d. Develop exercise goals and objectives.
2. Develop an exercise scenario. The following work products shall be completed and submitted to the Division for approval no less than **30 days** prior to the date of the exercise;
  - a. A detailed schedule of exercise events;
  - b. A summary of exercise messages; and
  - c. A listing of exercise control procedures and responsibilities.
3. Following the completion of the exercise, all major participants shall meet to discuss the exercise and identify areas for improvement in the LEPC hazardous materials emergency plan.

**Task 3:** Submit an after-action report, using HSEEP guidelines, to the Division containing the results of the exercise, a summary of the post exercise meeting outlined in 3 above and subsequent recommendations. The report should also include information regarding what is being done, or will be done, to address the recommendations.

**Task 4:** Maintain accurate records of personnel hours spent performing the tasks outlined in this scope of work. Personnel participating in HMEP sponsored planning projects are to be counted toward the state's 20 percent contribution to the HMEP grant for the hours spent on the project. This "soft match" contribution must be documented by the Recipient and submitted on the year-end program summary (See Attachments K and N). Personnel hours paid with HMEP grant funds are not eligible for soft match.

**Task 5:** Incorporate the results of this planning project into the annual update of the LEPC's hazardous materials emergency response plan. For the purposes of this scope of work an actual event may *not* be substituted for the exercise requirement.

# TAB V - Aii

# MEMORANDUM

**DATE:** November 3, 2014  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Hazardous Materials Emergency Preparedness – Training Grant

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## **3<sup>rd</sup> Annual Hazardous Materials Symposium update – Lt. Jonathan Lamm**

- **January 21-24, 2015**
    - LEPC will aim to send approximately 30 people
    - **Wednesday**
      - 8-Hours USCG Intro to Oil Spill Response for Fire Service and Public Safety
      - 8-Hours HazMat 101
      - HazMat Team Competition
    - **Thursday**
      - Full day of classes at the Volusia County Training Center
    - **Friday**
      - First ½ day of classes at the Daytona Beach Convention Center
      - Followed by 1/2 day to attend the exhibit hall
- 

### **Annual Contracts:**

The HMEP Training Grant is under the same distribution schedule as the Planning portion of the grant.

Funds for the current quarter have been encumbered or spent before the November 15<sup>th</sup> extension. The next three quarters of funding should be distributed after the December meeting in Gainesville, where staff will be provided an overview of changes and expectations of the Planning and Training grants.

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### **Current Training – flyer attached**

HazMat Incident Commander: Street Level Command and Control

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### **Upcoming Training Opportunities**

Refer to the attached prospective course offerings

### 3<sup>rd</sup> Annual HazMat Training Symposium at Fire-Rescue EAST January 21 - 23, 2015

Time	Wed, Jan 21	Wed, Jan 21	Wed, Jan 21	Wed, Jan 21	Wed, Jan 21	Wed, Jan 21
<b>8:00 - 9:45</b>	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 1 <b>Forest Willis/ Bradford Bengglio/ Rodney Elkins</b> Room 204A	HazMat 101 Part 1 <b>Toby Bevelacqua</b> Room 204B	Competition Room <b>Presenter TBD</b> Room 102A	Competition Room <b>Presenter TBD</b> Room 101A	Competition Room <b>Presenter TBD</b> Room 101B	Competition Room <b>Presenter TBD</b> Room 101C
<b>10:00 -11:45</b>	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 2 <b>Forest Willis/ Bradford Bengglio/ Rodney Elkins</b> Room 204A	HazMat 101 Part 2 <b>Toby Bevelacqua</b> Room 204B	Competition Room <b>Presenter TBD</b> Room 102A	Competition Room <b>Presenter TBD</b> Room 101A	Competition Room <b>Presenter TBD</b> Room 101B	Competition Room <b>Presenter TBD</b> Room 101C
<b>11:45 – 1:00</b>	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
<b>1:00 – 2:45</b>	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 3 <b>Forest Willis/Bradford Bengglio/ Rodney Elkins</b> Room 204A	HazMat 101 Part 3 <b>Toby Bevelacqua</b> Room 204B	Competition Room <b>Presenter TBD</b> Room 102A	Competition Room <b>Presenter TBD</b> Room 101A	Competition Room <b>Presenter TBD</b> Room 101B	Competition Room <b>Presenter TBD</b> Room 101C
<b>3:00 – 5:00</b>	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 4 <b>Forest Willis/ Bradford Bengglio/ Rodney Elkins</b> Room 204A	HazMat 101 Part 4 <b>Toby Bevelacqua</b> Room 204B	Competition Room <b>Presenter TBD</b> Room 102A	Competition Room <b>Presenter TBD</b> Room 101A	Competition Room <b>Presenter TBD</b> Room 101B	Competition Room <b>Presenter TBD</b> Room 101C

### 3<sup>rd</sup> Annual HazMat Training Symposium at Fire-Rescue EAST January 21 - 23, 2015

Time	Thu, Jan 22	Thu, Jan 22	Thu, Jan 22	Thu, Jan 22	Thu, Jan 22	Thu, Jan 22
8:00 - 9:45	Anhydrous Ammonia Part 1 <b>TRANSCAER</b> Room	MC 307 and DOT 407 Part 1 <b>Dave Wolfe/</b> <b>Mike Moore</b> Room	FDEP Office of Emergency Response and You <b>Holly Fortune/</b> <b>Jeff Water</b> Room	HazMat Mechanisms of Injury <b>Fred Haas</b> Room	Developing the Organization's HazMat ERP Part 1 <b>Douglas Wolfe/</b> <b>Steve Doyle</b> Room	
10:00 -11:45	Anhydrous Ammonia Part 2 <b>TRANSCAER</b> Room	MC 307 and DOT 407 Part 2 <b>Dave Wolfe/</b> <b>Mike Moore</b> Room	Advanced Diagnosis of HazMat Patients <b>Rick Stilp</b> Room	Treat that Poison <b>Fred Haas</b> Room	Developing the Organization's HazMat ERP Part 2 <b>Douglas Wolfe/</b> <b>Steve Doyle</b> Room	
11:45 - 1:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1:00 - 2:45	CSX Emergency Response to Railroad Incidents Part 1 <b>Chris Machenberg/</b> <b>Brooke Martin/</b> <b>Shawn Reedy</b> Room	Response Considerations for Rail Incidents: "When Things Go Bad" <b>Eric Duffy</b> Room	The More Common Chemical Suicides <b>Rick Stilp</b> Room	Antidotes for Chemical Exposures <b>Fred Haas</b> Room	Flammable Liquid Tank Truck Fire Attack and Rollover Operations Part 1 <b>Ron Gore/</b> <b>James Wright, III</b> Room	
3:00 - 5:00	CSX Emergency Response to Railroad Incidents Part 2 <b>Chris Machenberg/</b> <b>Brooke Martin/</b> <b>Shawn Reedy</b> Room	The Unwashed Masses <b>Lloyd Runnett</b> Room	E-Plan <b>Matt Marshall/</b> <b>Brandon Bunting</b> Room	Implementing a ToxMedic Program in Your Department <b>Fred Haas</b> Room	Flammable Liquid Tank Truck Fire Attack and Rollover Operations Part 2 <b>Ron Gore/</b> <b>James Wright, III</b> Room	

### 3<sup>rd</sup> Annual HazMat Training Symposium at Fire-Rescue EAST January 21 - 23, 2015

Time	Fri, Jan 23	Fri, Jan 23	Fri, Jan 23	Fri, Jan 23	Fri, Jan 23	Fri, Jan 23
8:00 - 9:45	Propane Emergency Training Part 1 <b>Carl Weeks</b> Room 204A	Emergency TX for Radiation Emergencies Part 1 <b>Dave Withers</b> Room 204B	Research Boot Camp <b>Emanuel Washington</b> Room 201A	Level A In suit Emergency Part 1 <b>Paul Seiferth/Chris Cahill/Jesse Crews</b> Room 201B	Hazardous Analysis (Repeat Session) <b>FDEM</b> Room 201C	Water Injection into Propane Vessels for Leak Containment Assistance Part 1 <b>Ron Gore/James Wright, III</b> Room 202C
10:00 - 11:45	Propane Emergency Training Part 2 <b>Carl Weeks</b> Room 204A	Emergency TX for Radiation Emergencies Part 2 <b>Dave Withers</b> Room 204B	Dangers of Homemade Hydrogen Based Fuels <b>Rick Stilp</b> Room 201A	Level A In suit Emergency Part 2 <b>Paul Seiferth/Chris Cahill/Jesse Crews</b> Room 201B	Hazardous Analysis (Repeat Session) <b>FDEM</b> Room 201C	Water Injection into Propane Vessels for Leak Containment Assistance Part 2 <b>Ron Gore/James Wright, III</b> Room 202C
11:45 – 1:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1:00 – 5:00	Attend Exhibit Hall	Attend Exhibit Hall	Attend Exhibit Hall	Attend Exhibit Hall	Attend Exhibit Hall	Attend Exhibit Hall

### 3<sup>rd</sup> Annual HazMat Training Symposium at Fire-Rescue EAST January 21 - 23, 2015

HazMat Hands-On Training Volusia County Fire Training Center on Thursday, January 22, 2015

Time	Hands-on 1	Hands-on 2	Hands-on 3	Hands-on 4
<b>8:30 - 10:30</b>	Pressurized Leak Control A-B-C Kits <b>Butch Loudermilk</b>	Non-Pressurized Leak Control <b>Paul Seiferth</b>	Rapid Chemical Risk Assessment <b>Douglas Wolfe</b>	Pipe and Flange Leak Control <b>Christopher Cahill</b>
<b>10:30 - 12:30</b>	Pressurized Leak Control A-B-C Kits <b>Butch Loudermilk</b>	Non-Pressurized Leak Control <b>Paul Seiferth</b>	Rapid Chemical Risk Assessment <b>Douglas Wolfe</b>	Pipe and Flange Leak Control <b>Christopher Cahill</b>
<b>12:30 – 1:00</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>
<b>1:00 – 3:00</b>	Pressurized Leak Control A-B-C Kits <b>Butch Loudermilk</b>	Non-Pressurized Leak Control <b>Paul Seiferth</b>	Rapid Chemical Risk Assessment <b>Douglas Wolfe</b>	Pipe and Flange Leak Control <b>Christopher Cahill</b>
<b>3:00 – 5:00</b>	Pressurized Leak Control A-B-C Kits <b>Butch Loudermilk</b>	Non-Pressurized Leak Control <b>Paul Seiferth</b>	Rapid Chemical Risk Assessment <b>Douglas Wolfe</b>	Pipe and Flange Leak Control <b>Christopher Cahill</b>

# **LOCAL EMERGENCY PLANNING COMMITTEE - DISTRICT 4**

6850 Belfort Oaks Place, Jacksonville, Florida 32216  
(O) 904-279-0880 \* (F) 904-279-0881

Chairperson: Richard Knoff  
Vice-Chairperson: Ken Wilkey

Staff to the LEPC: Northeast Florida Regional Council



**\*\*\*FREE\*\*\***

## **8-hour Hazardous Materials Incident Commander: Street Level Command and Control**

- **Monday, November 10, 2014 @ 8am – 5pm – 24 people**
  - *Clay County Agricultural Center - 2463 SR 16 W, Green Cove Springs, 32043*

*or*
- **Wednesday, November 12, 2014 @ 8am – 5pm – 24 people**
  - *First Coast Technical College: Public Safety Academy (Bldg. #7 Room 301 & 115)  
3640 Gaines Road, St. Augustine, 32084*

**Program Description:** This 8-hour course was designed with first responders in mind. It is a practical approach towards street level command and control activities, addressing the theory and practical application of the first level of command during a fixed facility or transportation HazMat scene. Offering a straight forward approach to the response science, referencing, and communication practices while combining basic concepts with real world applications and operational insights.

Street Level Command is intended to help response personnel respond quickly to incidents involving Hazardous Materials. Training is designed to enhance the safety and protection of response personnel and components of the HazMat response. The program allows students' discovery of the command and control influences that have basis within the hazardous materials incident, and to principles that are consistent with all incidents.

**Who Should Attend?** Any operational responder that has first level command responsibilities, reference, hazard/risk assessment, scene management and monitoring responsibilities at a fixed facility or transportation HazMat event.

Monday, November 10, 2014 (*Clay County*)     Wednesday, November 12, 2014 (*St. Johns County*)

(Pick **one** session to attend)

**Name of person attending:** \_\_\_\_\_

**Agency/Department:** \_\_\_\_\_

**Full Address:** \_\_\_\_\_

**Phone #:** \_\_\_\_\_ **Email:** \_\_\_\_\_

Questions, please contact: Eric Anderson, District 4 LEPC Staff ([eanderson@nefrc.org](mailto:eanderson@nefrc.org))  
Office: (904) 279-0885 ext. 178 \* Fax: (904) 279-0881



## **Prospective Training Courses**

- 1) 8 Hour - HazMat Incident Commander: Street Level Command and Control
  - a. Clay County – November 10<sup>th</sup> (24 people)
  - b. St. Johns County – November 12<sup>th</sup> (24 people)
- 2) 4 Hour – HazMat Refresher
  - a. Clay County (target 170+ people)
- 3) 3<sup>rd</sup> Annual HazMat Symposium
  - a. January in Daytona Beach (target 30 people)
- 4) 8 Hour - Compressed Gases in Transportation (target 25 people)
  - a. Flagler County

## **Working On**

- 5) TRANSCAER – FDEM driven initiative (100+ people)
- 6) 160 Hour – HazMat Tech (25 people per year)
  - a. Local offering on an annual basis
  - b. RFP/RFQ for local instructors

**TAB V - Bi**

# MEMORANDUM

**DATE:** November 3, 2014  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Hazards Analysis – Section 302 Facilities

---

Please find attached the 2014-15 Hazards Analysis site visit list for each of the counties in our LEPC region.

Baker County – 2 sites  
Clay County – 10 sites  
Duval County – 103 sites  
Flagler County – 10 sites  
Nassau County – 7 sites  
Putnam County – 6 sites  
St. Johns County – 15 sites

TOTAL SITES = 153 sites

“How to Comply” training for facilities preparing to submit annual chemical inventory reports (Tier II) will take place in late-January. FDEM has offered to provide an instructor to cover E-Plan registration and training for those classes.

## ATTACHMENT C - BAKER COUNTY SECTION 302 FACILITY LIST

2014-2015

SERC #	Facility Name / Address	County	EHS Chemical	Contact Number
7442	Insteel Wire Products - Sanderson Division One Wiremil Road Sanderson, 32087	Baker	Nitric Acid	Donald Sapp 904-219-3255
29741	Wal-Mart Grocery Distribution Center #6099 2686 Commerce Road MacClenny, 32063	Baker	Ammonia (Anhydrous)	Justin Wilson 479-204-3517

ATTACHMENT C - CLAY COUNTY SECTION 302 FACILITY LIST

2014-2015

SERC #	Facility Name / Address	County	EHS Chemical	Contact Number
19844	BellSouth - 31006 1929 Reed Street Orange Park, 32073	Clay	Sulfuric Acid	Sara A. Buford 904-614-5041
430	Clay County Utility Auth-Miller Street WWTP 1601 Bartlett Avenue Orange Park, 32073	Clay	Sulfuric Acid	Mikell McCarty 904-272-5999
33799	Fishman and Tobin - Orange Park DC 600 Wells Road Orange Park, 32073-2926	Clay	Sulfuric Acid	George Criss 904-215-6400 x5792601
24960	Fleming Island Wastewater Treatment Plant 1770 Radar Road Fleming Island, 32003	Clay	Sulfuric Acid	Mikell McCarty 904-272-5999
38332	Middleburg High School Water Treatment Plant 2103-1 Blanding Blvd Middleburg, 32068	Clay	Chlorine	Dennis Martin 904-272-5999
9408	Ridaught Landing Wastewater Treatment Plant 2878-1 Tuscarora Trail Orange Park, 32065	Clay	Sulfuric Acid	Dennis Martin 904-272-5999
27930	Spencers Wastewater Treatment Plant 4145-1 Savannah Glen Blvd Orange Park, 32073	Clay	Sulfuric Acid	Dennis Martin 904-272-5999
36265	St Johns Landing Apartments WTP 3400 US Hwy 17 Green Cove Springs, 32043	Clay	Chlorine	Stephen Green 866-753-8292
33864	The Home Depot Store #0275 1919 Wells Road Orange Park, 32073	Clay	Sulfuric Acid	Margaret Sexton 770-433-8211 x82714
19372	Town of Orange Park 362 Milwaukee Avenue Orange Park, 32073	Clay	Sulfur Dioxide	Robert Brace 904-545-1343

## ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST

2014-2015

SERC #	Facility Name / Address	County	EHS Chemical	Contact Number
2705	White Wave Foods 2098 West Beaver Street Jacksonville, 32940	Duval	Ammonia	Edward Wigelsworth 904-354-8556
2622	Aquilex Hydrochem Inc 5803 West 5 Street Jacksonville, 32254	Duval	Nitric Acid	Toby Nolan 904-803-8162
5212	AT & T - FLJ300 9000 Southside Boulevard Jacksonville, 32256	Duval	Sulfuric Acid	Rachel Manes 800-566-9347
2555	AT & T - FLK380 1844 Cassat Avenue Jacksonville, 32210	Duval	Sulfuric Acid	James Teal 800-566-9347
19794	Beach Trading Company 1814 Industrial Boulevard Jacksonville, 32254	Duval	Ammonia	Carlton Spence 904-251-4645
20301	Bellsouth-30339 3370 Thalia Road Jacksonville, 32250	Duval	Sulfuric Acid	Rachel Manes 800-566-9347
5189	Bellsouth-31040 11498 St Augustine Road Jacksonville, 32258	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5191	Bellsouth-31131 424 North Pearl Street Jacksonville, 32202	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5192	Bellsouth-31139 1441 West Edgewood Avenue Jacksonville, 32208	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5193	Bellsouth-31143 11741 North Main Street Jacksonville, 32218	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5196	Bellsouth-31236 7553 Atlantic Boulevard Jacksonville, 32211	Duval	Sulfuric Acid	Rachel Manes 904-399-0201

## ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST

2014-2015

5197	Bellsouth-31241 11317 Beach Boulevard Jacksonville, 32246	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5198	Bellsouth-31257 6234 Old St Augustine Road Jacksonville, 32217	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5199	Bellsouth-31259 6654 Fort Caroline Road Jacksonville, 32277	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5200	Bellsouth-31265 1824 3 Street North Jacksonville, 32250	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5202	Bellsouth-31320 155 drew Street Jacksonville, 32234	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5203	Bellsouth-31332 1710 Talbot Avenue Jacksonville, 32205	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5204	Bellsouth-31338 5532 Jammes Road Jacksonville, 32244	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5205	Bellsouth-31343 6602 Normandy Boulevard Jacksonville, 32205	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5210	Bellsouth-37992 577 State Road 13 Fruit Cove, 32223	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
5208	Bellsouth-3C278 13635 Atlantic Boulevard Jacksonville, 32225	Duval	Sulfuric Acid	Rachel Manes 904-399-0201
18927	Bellsouth-3C561 4500 Salisbury Road Jacksonville, 32216	Duval	Sulfuric Acid	Rachel Manes 904-399-0201

**ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

5213	Bellsouth-3C683 8923 Western Way Jacksonville, 32256	Duval	Sulfuric Acid	Rachel Manes 904-339-0201
5214	Bellsouth-3E529 1550 Airport Road Jacksonville, 32218	Duval	Sulfuric Acid	Rachel Manes 904-339-0201
33697	BJ's Wholesale Club-0840 4500 Directors Road Jacksonville, 32220	Duval	Sulfuric Acid	Bill Peters 774-512-5535
34107	Blue Cross-Blue Shield-Riverside 532 Riverside Avenue Jacksonville, 32202	Duval	Sulfuric Acid	Randy Ivey 904-591-8389
34110	BMW North America 8558 Westside Industrial Drive Jacksonville, 32219	Duval	Sulfuric Acid	Stephanie Mazzola 904-596-3639
24761	Burriss Logistics-Jacksonville 4501 Dignan Street Jacksonville, 32255	Duval	Ammonia	Randall Browning 863-682-1442
33387	Cardinal Health-Jacksonville 6595 Pritchard Road, Suite C Jacksonville, 32219	Duval	Sulfuric Acid	Earl Henderson 904-786-6550
7749	Caribbean Cold Storage 1505 Dennis Street Jacksonville, 32204	Duval	Ammonia	Russell O'Dell 904-345-3950
19308	Cedar Bay Generating Company 9640 Eastport Road Jacksonville, 32218	Duval	Sulfuric Acid	Jeffrey Walker 904-696-1547
15575	Citicorp Credit Services Inc USA 14000 Citicards Way Jacksonville, 32258	Duval	Sulfuric Acid	Tommy Tittle 904-325-1250
10058	City of Atlantic Beach-WTP 1 469 11 Street Atlantic Beach, 32233	Duval	Chlorine	Harry McNally 904-401-8108

**ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

10059	City of Atlantic Beach-WTP 2 2301 Mayport Road Atlantic Beach, 32233	Duval	Chlorine	Harry McNally 904-401-8108
7277	City of Atlantic Beach-WTP 4 2848 Mayport Road Atlantic Beach, 32233	Duval	Chlorine	Harry McNally 904-401-8108
10060	City of Atlantic Beach-WWTP 1 1100 Sandpiper Lane Atlantic Beach, 32233	Duval	Chlorine	Harry McNally 904-401-8108
6416	Coca Cola Refreshments-Jacksonville 1411 Huron Street Jacksonville, 32254	Duval	Ammonia	Bill Jasper 904-655-0567
37957	CSX Transportation-Southpoint Office II 6735 Southpoint Drive South Jacksonville, 32216	Duval	Sulfuric Acid	Kimberly Vaughn 904-366-4174
27681	CSX Transportation-Technology Data Center 6425 Southpoint Highway Jacksonville, 32216	Duval	Sulfuric Acid	Kimberly Vaughn 904-366-4174
8190	Florida East Coast Railway-Bowden 7050 Phillips Highway Jacksonville, 32216	Duval	Sulfuric Acid	Matt Borchert 904-279-3277
21151	Freshpoint North Florida 3100 Hilton Street Jacksonville, 32209	Duval	Sulfuric Acid	Brett Gardner 904-588-3556
24079	Garden Wholesale 5400 Longleaf Street Jacksonville, 32209	Duval	Ammonia	Matthew Wasson 904-669-6392
20180	General Chemical Jacksonville Works 5930 Soutel Drive Jacksonville, 32219	Duval	Sulfuric Acid	Pete Dalve 904-334-2441

**ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

2573	Goodrich Engineered Polymer Products 6061 Goodrich Boulevard Jacksonville, 32226	Duval	Sulfuric Acid	Mark Maxwell 904-219-9296
28266	H J Heinz 7500 Forshee Drive Jacksonville, 32219	Duval	Sulfuric Acid	Ryan Baker 904-695-1301
30476	Henry Schein, Inc 8691 Jesse B Smith Court Jacksonville, 32219	Duval	Sulfuric Acid	Peter Bowden 904-380-3230
36774	Hidden Hills Country Club 3901 Monument Road Jacksonville, 32225	Duval	Sulfuric Acid	Russ Libby 904-641-8121
36619	Imeson Distribution Center 555 Heckscher Drive Jacksonville, 32226	Duval	Sulfuric Acid	Mike Woodle 904-751-5500
33807	Imeson Distribution Center 550 Gun Club Road Jacksonville, 32218	Duval	Sulfuric Acid	Mike Woodle 904-751-5500
6982	J E A - Arlington East-WWTP 1555 Millcoe Road Jacksonville, 32225	Duval	Chlorine	John Worley 904-591-2595
29011	J E A - Brandy Branch Generating Station 15701 Beaver Street West Jacksonville, 32234	Duval	Sulfuric Acid	John Worley 904-591-2595
2659	J E A - Northside Generating Station 4377 Heckscher Drive Jacksonville, 32226	Duval	Sulfuric Acid	John Worley 904-591-2595
2770	J E A - Saint Johns River Power Park 11201 New Berlin Road Jacksonville, 32226	Duval	Ammonia	John Worley 904-591-2595

**ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

21647	JAXPORT refrigerated Services 2701 Talleyrand Avenue Jacksonville, 32206	Duval	Ammonia	Darren Warren 904-759-1595
38454	Johnson Battery Company 6973 Highway Avenue Jacksonville, 32254	Duval	Sulfuric Acid	Matthew Johnson 770-567-0968
29282	Level 3 Communications-Jacksonville- JCVLFLNJ 404 North Julia Street Jacksonville, 32207	Duval	Sulfuric Acid	Payton Michael 720-888-4958
37973	Mercedes-Benz USA Southern Business CNTR 13470 International Parkway Jacksonville, 32218	Duval	Sulfuric Acid	Mike Sobiecki 904-741-1310
25013	Merita Bakery-Jacksonville 201 Bisch Drive East Jacksonville, 32218	Duval	Ammonia	Bart Petracca 774-269-9778
253	NAPA Distribution Center 1090 Haines Street Jacksonville, 32206	Duval	Sulfuric Acid	Roy Ridaught 904-354-7856
2721	Normandy Village Utility 7800 Delaroche Drive Jacksonville, 32210	Duval	Chlorine	Dot Letien 904-588-8065
34951	Owens & Minor Distribution 8489 Westside Industrial Drive Jacksonville, 32219	Duval	Sulfuric Acid	Curtis Cary 904-596-4631
32691	Peak 10 Jacksonville 4905 Belford Road Jacksonville, 32256	Duval	Sulfuric Acid	Nate Crumbley 904-807-4303
36423	Preferred Freezer Services of Jacksonville 1780 West Beaver Street Jacksonville, 32209	Duval	Sulfuric Acid	Michael Price 904-814-9689

**ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

2742	Publix Supermarkets-Jacksonville Warehouse 9786 West Beaver Street Jacksonville, 32221	Duval	Ammonia	Lonnie Isbell 904-781-8600
2533	Qualawash-Jacksonville 1907 East 28 Street Jacksonville, 32206	Duval	Sulfuric Acid	Brian Bernard 904-353-8588
38582	Raymond Handling Consultants- Jacksonville 13291 Vantage Way, Suite 106 Jacksonville, 32218	Duval	Sulfuric Acid	Joe Nenarella 863-577-5438
2746	Roux Laboratories-Revlon Professional Products 5344 Overnyer Drive Jacksonville, 32254	Duval	Hydrogen Peroxide	Phillip Norman 904-693-1354
12626	Safe Harbor Sea Food 4371 Ocean Street Atlantic Beach, 32233	Duval	Ammonia	Gerald Pack 904-237-7338
12670	San Jose Country Club 7529 San Jose Boulevard Jacksonville, 32217	Duval	Sulfuric Acid	Roscoe Staples 904-733-2020
33983	San Mar Corporation-Jacksonville 10940 New Kings Road Jacksonville, 32219	Duval	Sulfuric Acid	Tasha Porter 904-765-7303
36687	Sea Breeze Food Service 3807 Edgewood Drive Jacksonville, 32254	Duval	Sulfuric Acid	Darrel Griffin 904-545-6783
32815	Sears Logisitcs Services-45374 1 Imeson Park Boulevard, BLDG 200 Jacksonville, 32218	Duval	Sulfuric Acid	Robyn West 847-286-0037
7254	Shaws Southern Belle Frozen Foods 821 Virginia Street Jacksonville, 32208	Duval	Ammonia	Bob Hailey 904-758-1591

## ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST

2014-2015

9097	Southeast Toyota Distributors-PRT PRCSSNG 1751 Talleyrand Avenue Jacksonville, 32206	Duval	Sulfuric Acid	James Sanders 904-237-8590
19152	Southeast Toyota Distributors-PRTS DEPT 8040 Bayberry Road Jacksonville, 32256	Duval	Sulfuric Acid	Billy Forshee 904-237-1525
25536	Sprint-Jacksonville-CDMA Switch 12735 Gran Bay Parkway, Suite 120 Jacksonville, 32258	Duval	Sulfuric Acid	Eric Allgaier 703-592-8042
28959	Sprint-Jacksonville-POP 550 Water Street, Suite 1224 Jacksonville, 32202	Duval	Sulfuric Acid	Eric Allgaier 703-592-8042
38774	Sunbelt Rentals-061 11004 Blasius Road Jacksonville, 32226	Duval	Sulfuric Acid	Donald Adkins 904-616-0854
33954	The Home Depot Store-6346 855 Lane Avenue South Jacksonville, 32205	Duval	Sulfuric Acid	Jeffrey Wiegert 904-781-6208
33964	The Home Depot Store--6351 12111 Lem Turner Road Jacksonville, 32218	Duval	Sulfuric Acid	Yvette Lawrence 904-766-2818
34745	The Home Depot Store-6890 9751 Crosshill Boulevard Jacksonville, 32222	Duval	Sulfuric Acid	Ayaz Ghany 904-771-3228
34734	The Home Depot Store-6974 3790 Third Street South Jacksonville, 32250	Duval	Sulfuric Acid	Douglas Bischoff 904-247-7225
36722	Timuquana Country Club 4028 Timuquana Road Jacksonville, 32210	Duval	Sulfuric Acid	Kathy Gadd 904-388-2664

**ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

33897	Unisource Worldwide-JAX Distribution 330 Stevens Street Jacksonville, 32254	Duval	Sulfuric Acid	Joe Diglio 904-838-0997
31733	Verizon Wireless-Jacksonville Switch 9740 Florida mining Boulevard Jacksonville, 32257	Duval	Sulfuric Acid	Ramesh Toolsie 561-995-5729
20778	Vistikon-Johnson & Johnson Vision Care- 20778 7500 Centurion Parkway, Suite 100 Jacksonville, 32256	Duval	Sulfuric Acid	Steve Hard 904-443-3723
2705	White Wave Foods 2262 West Beaver Street Jacksonville, 32209	Duval	Nitric Acid	Edward Wigelsworth 904-354-8256
36374	Windstream NUVOX-Jacksonville CO 3986 Boulevard Center Drive Jacksonville, 32202	Duval	Sulfuric Acid	Ricky Farler 904-219-3465
28681	Winn Dixie Logistics-Baldwin Distribution Facility 15500 West Beaver Street Jacksonville, 32234	Duval	Ammonia	Kerry Leslie 954-658-2027
38859	XYLEM Dewatering Solutions-Jacksonville 240 Hammond Boulevard Jacksonville, 32254	Duval	Sulfuric Acid	Gerald Salyards 856-467-3636
7452	Braddock Matallurgical-Jacksonville 14600-1 Duval Place West Jacksonville, 32218	Duval	Ammonia	Mitch Evans 904-741-4777
20786	Exide Technologies-Jacksonville 600-1Suemac Road, Suite 1 Jacksonville, 32254	Duval	Sulfuric Acid	David Stauder 904-783-1224
2647	Kraft Foods-Maxwell House Coffee 735 East Bay Street Jacksonville, 32202	Duval	Sulfuric Acid	Joe Waryold 904-759-6892

**ATTACHMENT C - DUVAL COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

6580	Firestone Building Products 6831 Stuart Avenue Jacksonville, 32254	Duval	Sulfuric Acid	Bruce Miller 904-783-3110
2639	Florida Air National Guard-125 Fighter Group 14300 Fang Drive Jacksonville, 32218	Duval	Hydrogen Peroxide	Ronald Harrelson 904-741-7410
33796	Florida School Book Depository 1125 North Ellis Road Jacksonville, 32254	Duval	Sulfuric Acid	Mark Anderson 904-781-7191
36413	Florida School Book Depository-2 350 North Ellis Road Jacksonville, 32254	Duval	Sulfuric Acid	Mark Anderson 904-781-7191
2777	Florida Times Union One Riverside Avenue Jacksonville, 32202	Duval	Sulfuric Acid	Robert Todd 904-359-4446
38731	HD Supply Facilities Maintenance 8600 Jesse B Smith Court, Suite 7 Jacksonville, 32219	Duval	Hydrogen Fluoride	Karen Ohar 904-759-1088
10630	Jacksonville University 2800 North University Boulevard Jacksonville, 32211	Duval	Chlorine	J Coleman 904-256-7671
10562	Liquid Environmental Solutions 1640 Talleyrand Avenue Jacksonville, 32206	Duval	Sulfuric Acid	Keith Adams 904-354-0372
34937	MAC Papers-Jacksonville 3350 Phillips Highway Jacksonville, 32207	Duval	Sulfuric Acid	Jack Anthony 904-396-5312
2753	Smurfit Stone Container-Jax Mill 9469 Easport Road Jacksonville, 32218	Duval	Sulfuric Acid	James Brock 904-714-3236

## ATTACHMENT C - FLAGLER COUNTY SECTION 302 FACILITY LIST

2014-2015

SERC #	Facility Name / Address	County	EHS Chemical	Contact Number
18915	Bellsouth-33017 5 Clubhouse Drive Palm Coast, 32137	Flagler	Sulfuric Acid	Rachel Manes 800-566-9347
21341	Bellsouth-33825 111 South Cherry Street Bunnell, 32110	Flagler	Sulfuric Acid	Rachel Manes 800-566-9347
21340	Bellsouth-33875 210 South Daytona Avenue Flagler Beach, 32136	Flagler	Sulfuric Acid	Rachel Manes 800-566-9347
2863	City of Palm Coast-WTP 1 4 Corporate Drive North Palm Coast, 32137	Flagler	Sulfuric Acid	Brian Matthews 386-986-2363
20233	City of Palm Coast-WTP 2 50 Citation Boulevard Palm Coast, 32164	Flagler	Ammonia	Brian Matthews 386-986-2363
38243	Conservatory at Hammock Beach 300 Conservatory Drive Palm Coast, 32137	Flagler	Sulfuric Acid	Security 386-246-5550
35947	Grand Haven Golf Club 500 River Front Drive Palm Coast, 32137	Flagler	Sulfuric Acid	Dave Oleier 904-537-2699
38535	Ocean Course at Hammock Beach 105 16 Road Palm Coast, 32137	Flagler	Sulfuric Acid	Security 386-246-5550
2864	Searay Boats 100 Sea Ray Drive Flagler Beach, 32136	Flagler	Sulfuric Acid	Craig Wall 386-439-3401
33982	The Home Depot Store-6363 10 Garden Street North Palm Coast, 32137	Flagler	Sulfuric Acid	Stacey Riley 386-445-2497

ATTACHMENT C - NASSAU COUNTY SECTION 302 FACILITY LIST

2014-2015

SERC #	Facility Name / Address	County	EHS Chemical	Contact Number
7297	City of Fernandina Beach - Wastewater Treatment Plant 1007 South 5 St Fernandina Beach, 32034	Nassau	Cholorine	Michael Floyd 904-753-0124
8816	City of Fernandina Beach - Waterworks 1 20 North Eleventh St Fernandina Beach, 32034	Nassau	Cholorine	Juan Brown 904-753-2534
9651	City of Fernandina Beach - Waterworks 2 2203 Ryan Road Fernandina Beach, 32034	Nassau	Cholorine	Juan Brown 904-753-2534
28740	City of Fernandina Beach - Waterworks 3 3425 Citation Court Fernandina Beach, 32034	Nassau	Cholorine	Juan Brown 904-753-2534
10811	Town of Hilliard-WTP 3748 Pecan Street Hilliard, 32046	Nassau	Chlorine	David Thompson 804-845-3555
10825	Town of Hilliard-WWTP 37261 Ruby Drive Hilliard, 32046	Nassau	Chlorine	David Thompson 804-845-3555
35667	Victaulic Company - Jacksonville Distribution Center 86202 Coastline Drive Yulee, 32097	Nassau	Sulfuric Acid	Kraig Hume 610-559-3476

**ATTACHMENT C - PUTNAM COUNTY SECTION 302 FACILITY LIST**

**2014-2015**

<b>SERC #</b>	<b>Facility Name / Address</b>	<b>County</b>	<b>EHS Chemical</b>	<b>Contact Number</b>
5218	BellSouth - 33470 319 Main St Palatka, 32177	Putnam	Sulfuric Acid	Sara A. Buford 904-614-5041
4676	City of Palatka-Wastewater Facility 3010 Browns Landing Road Palatka, 32177	Putnam	Chlorine	Brian McCann 386-329-0146
10482	City of Palatka-WTF 320 North Moody Road Palatka, 32177	Putnam	Chlorine	Melvin Register 386-227-0504
33280	Diamond R Fertilizer - East Palatka 321 State Road 207 East Palatka, 32131	Putnam	Methomyl	Bruce Matthews 904-814-7992
4678	Florida Power and Light - Putnam Power Plant 392 US Highway 17 South East Palatka, 32131	Putnam	Cholorine	Tammy Pratt 386-295-1459
31663	Windstream Communications-Melrose Central Office 865 North State Road 21 Melrose, 32666	Putnam	Sulfuric Acid	Ed Willis 352-316-0378

## ATTACHMENT C - ST. JOHNS COUNTY SECTION 302 FACILITY LIST

2014-2015

SERC #	Facility Name / Address	County	EHS Chemical	Contact Number
10857	Barnes Fertilizers, Inc. 400 W. Ashland Ave Hastings, 32145	St. Johns	Oxamyl	Dale Barnes 904-692-1938
5221	BellSouth - 31278 637 A1A N Ponte Verde Beach, 32082	St. Johns	Sulfuric Acid	Sara A. Buford 904-614-0541
18923	BellSouth - 31281 69 Cordova St St. Augustine , 32084	St. Johns	Sulfuric Acid	Sara A. Buford 904-614-0541
5222	BellSouth - 31490 4900 A1A South St. Augustine , 32084	St. Johns	Sulfuric Acid	Sara A. Buford 904-614-0541
32226	Burkhardt Distributing 3935 Inman Road St. Augustine , 32084	St. Johns	Sulfuric Acid	Brookes Burkhardt 904-829-3008
15341	City of Saint Augustine - North Tank Water Storage 4490 US Highway 1 North St. Augustine , 32095	St. Johns	Chlorine	Tom Wallace 904-825-1044
4813	City of Saint Augustine - Water Treatment Plant 254 West King Street St. Augustine , 32085	St. Johns	Ammonia (anhydrous)	Tom Wallace 904-825-1044
4773	City of Saint Augustine-Wastewater Treatment Plant 501 Riberia Street St. Augustine , 32084	St. Johns	Chlorine	Bob Leetch 904-825-1040
4808	Hydro Aluminum 200 Riviera Blvd St. Augustine , 32086-7801	St. Johns	Sulfuric Acid	Bob Gregory 964-934-8672

ATTACHMENT C - ST. JOHNS COUNTY SECTION 302 FACILITY LIST

2014-2015

38556	King and Bear Golf Club 1 King and Bear Drive St. Augustine , 32092	St. Johns	Sulfuric Acid	Steve LaFrance 904-669-6896
4778	Saint Johns County - Fruit Cove WTP 1282 Fruit Cove Rd Jacksonville, 32259	St. Johns	Chlorine	Daniel Nowaczyk 904-669-7480
36442	Saint Johns Golf and Country Club 205 Saint Johns Golf Drive St. Augustine , 32092	St. Johns	Sulfuric Acid	Dan Zimmer 904-940-3204
38555	Slammer and Squire Golf Club 2 World Golf Place St. Augustine , 32092	St. Johns	Sulfuric Acid	Steve LaFrance 904-669-6896
33944	The Home Depot Store #6334 1750 US Highway 1 South St. Augustine , 32084	St. Johns	Sulfuric Acid	Margaret Sexton 770-433-8211 x82714
4802	Town of Hastings-WTP 102 Dancy Avenue Hastings, 32145	St. Johns	Chlorine	Roy Runion 904-962-1520

**TAB V - C**

# MEMORANDUM

**DATE:** November 3, 2014  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Training Task Force (TTF) Meeting

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## Summary

The TTF met October 2, 2014 in Tallahassee, Florida. The following were main points of discussion at the meeting:

- **3rd Annual Hazardous Materials Symposium:** January 21-24, 2015
- **USCG/Local HazMat Team Integration**
  - Use of local HazMat assets/resources for offshore response, which may be outside of local jurisdiction.
  - Full-day meeting was conducting in Tallahassee in October 30<sup>th</sup>.
- **HazMat Team Capabilities Assessment**
  - Self-Assessments vs. Independent Assessments



**State Emergency Response Commission  
Training Task Force**

Betty Easley Conference Center  
Room 152  
4075 Esplanade Way  
Tallahassee, Florida 32399  
October 2, 2014 – 9:30 a.m.

- I. Call to Order**
  1. Welcome and Pledge of Allegiance
- II. Introductions**
- III. Approval of Meeting Minutes for April and July 2014**
- IV. Current Business**
  1. Progress Report 2015 Hazmat Training Symposium
  2. Project Tracking Chart – Review of Active Projects
    - a. Publications
    - b. Training
    - c. Updates
    - d. Needs Analysis
    - e. Funding
    - f. Standards & Certifications
    - g. Systems and Relationships
- V. New Business**
  1. Hazmat Preparedness/Response Tools – Richard Butgereit
- VI. Update from Agencies and Organizations**
  1. Florida Fire Chief's Association (Chief Murphy)
  2. Florida Association of Hazardous Materials Responders (Matt Marshall)
  3. Florida State Fire College (Scott Chappell)
  4. Other Agencies and Organizations

**VII. Upcoming Events**

1. Schedule Next Conference Call
2. Next Meeting
  - January 20, 2015 – Daytona Beach

**VIII. Adjournment**

**TAB V - D**

# MEMORANDUM

**DATE:** November 3, 2014  
**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 October 2, 2014 in Tallahassee, Florida. The following were points of discussion at the meeting:

- Review of updated Hazards Analysis contract language and expectations

The next meeting of the LEPC Chair/Staff is scheduled for January 2015 in Daytona Beach.



## **AGENDA**

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

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

**October 2, 2014 – 1:30 PM**

- I. INTRODUCTIONS
- II. TRAINING TASK FORCE UPDATE
- III. DISTRICT REPORTS
- IV. OTHER BUSINESS
  - a. Hazards Analyses Contract Workgroup Report – Dwayne Mundy
  - b. Hazmat Preparedness/Response Tools – Richard Butgereit
- V. ISSUES FOR STATE EMERGENCY RESPONSE COMMISSION (SERC)
- VI. NEXT SCHEDULED MEETING – January 20, 2015 – Daytona Beach
- VII. ADJOURNMENT

**TAB V - E**

# MEMORANDUM

**DATE:** November 3, 2014  
**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 October 3, 2014 in Tallahassee, Florida. The following were points of discussion at the meeting:

## **SUMMARY**

- Consideration of Nominations for the Thomas Yatabe Award

The next scheduled meeting of the SERC is in January, 2015 in Daytona Beach.



*Florida*  
State  
Emergency  
Response  
Commission  
for Hazardous Materials



Mr. Mark Kruse  
Office of the Governor

Gwen Keenan - Pending  
Florida Department of Environmental  
Protection

Vacant  
Florida Department of Highway Safety

Tom Byron - Pending  
Florida Department of Transportation

Vacant  
Florida Chamber of Commerce

Mr. Larry Jerome McIntyre  
Florida Department of Economic  
Opportunity

Vacant  
Transportation Industry

Mr. John Kohnke  
State Fire Marshal

Mr. Bruce T. Haddock  
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

Ms. Debra Waters  
Phosphate Industry

Vacant  
Associated Industries of Florida

Robert O. Kincart - Pending  
Environmental

Special Agent Dan Cerione  
Florida Department of Law Enforcement

Mr. Ray Butts  
Utility Industry

Mr. Ronald L. Mills, Sr.  
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

# MEETING AGENDA

Date: October 3, 2014

Time: 10:00 a.m.

Location: Betty Easley Conference Center  
Room 152  
4075 Esplande 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  
Room 152  
4075 Esplanade Way  
Tallahassee, Florida 32399

October 3, 2014 – 10:00 AM

## PLEDGE OF ALLEGIANCE

## Roll Call and Verification of Quorum

## APPROVAL OF MINUTES

1. **Approval of Minutes for July 18, 2014 SERC Meeting**  
ACTION: Motion for SERC Approval  
EXHIBIT: Minutes of July 11, 2014 SERC meeting

## NEW BUSINESS

2. **Local Emergency Planning Committees (LEPCs) Appointments**  
ACTION: Approval of the list of recommended members and alternates  
EXHIBIT: Memo #14-14  
(Pages 1-11)
3. **Approval of LEPC Plans**  
ACTION: Consideration for approval of the LEPC Plans  
EXHIBIT: Memo #15-14  
(Page 12)
4. **Thomas Yatabe-SERC Award Nominations and Certificates of Appreciation**  
ACTION: Discussion and consideration for the Thomas Yatabe-SERC Awards and Certificates of Appreciation  
EXHIBIT: Memo #16-14  
(Pages 13-16)

## Reports

5. **SERC Training Task Force (TTF) Report**  
ACTION: Oral report on issues of the SERC TTF
6. **Hazard Analysis Contract Workgroup Report**  
ACTION: Oral report by Dwayne Mundy
7. **Financial Status Report**  
ACTION: Report on revenues received and expenditures incurred for the fiscal year  
EXHIBIT: Memo #17-14  
(Pages 18-21)
8. **Hazardous Materials Incidents Report**  
ACTION: Report on recent hazardous materials incidents reported in the State of Florida  
EXHIBIT: Memo #18-14  
(Pages 22-34)
9. **Staff Activities and Reports by Section Update**  
ACTION: Update on the reports received by section; included is an update on staff presentations and information requests  
EXHIBIT: Memo #19-14  
(Pages 35-41)
10. **LEPC Activities Update**  
ACTION: An update of the meetings and activities conducted by each of the 11 LEPCs  
EXHIBIT: HazMatters

## Other Business

## Comments

### FUTURE SERC MEETING DATES

January 21, 2015 – Daytona Beach

## Adjourn

# TAB VI - A

# MEMORANDUM

**DATE:** November 3, 2014  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** LEPC CD Funds

---

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.

The current balance of the LEPC account is: **\$548.77**

**TAB VI - B**

# MEMORANDUM

**DATE:** November 3, 2014

**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 **June 1, 2014 through August 31, 2014**. "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.

*Graph I* - depicts total incidents within the State from **January 1, 2001 through August 31, 2014**.

*Graph II* - depicts total incidents within each LEPC District from **September 1, 2013 through August 31, 2014**.

**Hazardous Materials Incident Report - Table 1**

6/1/2014 Thru 8/31/2014

**Potential Section 304 Investigations**

**01 - West Florida Regional Planning Council**

**Release Count**

**1**

**BAY COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/25/2014	Hydrochloric Acid	Unknown	Unknown	07/01/2014	Under RQ 55gal drum. Closed	Unknown

**02 - Apalachee Regional Planning Council**

**Release Count**

**2**

**JEFFERSON COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/25/2014	Chlorine Gas	150	Chemical & Allied Products Merchant Wholesalers	08/27/2014	Open	Private

**LEON COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/10/2014	Mercury	2	Doctors Office	07/11/2014	Closed	Private

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

**Release Count**

**2**

**HAMILTON COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/20/2014	Sulfuric Acid	18,203	Mining	08/22/2014	Closed	Private

**TAYLOR COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/04/2014	Sulfuric Acid	7,664	Pulp Mill	08/04/2014	Closed called <15 min, no offsite	Private

**04 - Northeast Florida Regional Planning Council****Release Count****3****CLAY COUNTY**

<b>Release Date</b>	<b>Chemical Name</b>	<b>Release Amt</b>	<b>Business Type</b>	<b>Action Date</b>	<b>Comment</b>	<b>Sector</b>
06/05/2014	Unknown Chemicals	Unknown	Meth Lab/Private Residence	06/10/2014	Meth Lab per DEP unknown chemical no offsite release. Closed	Private

**PUTNAM COUNTY**

<b>Release Date</b>	<b>Chemical Name</b>	<b>Release Amt</b>	<b>Business Type</b>	<b>Action Date</b>	<b>Comment</b>	<b>Sector</b>
07/21/2014	Sodium Hypochlorite	360	Electric Cooperative-POWER PLANT	07/25/2014	Closed	Public

**ST. JOHNS COUNTY**

<b>Release Date</b>	<b>Chemical Name</b>	<b>Release Amt</b>	<b>Business Type</b>	<b>Action Date</b>	<b>Comment</b>	<b>Sector</b>
07/07/2014	Ethylene Glycol	1,237	Construction	07/11/2014	Closed	Private

**05 - Withlacoochee Regional Planning Council****Release Count****2****CITRUS COUNTY**

<b>Release Date</b>	<b>Chemical Name</b>	<b>Release Amt</b>	<b>Business Type</b>	<b>Action Date</b>	<b>Comment</b>	<b>Sector</b>
08/19/2014	Sodium Hypochlorite	394	Electric Services	08/22/2014	Closed	Private

**HERNANDO COUNTY**

<b>Release Date</b>	<b>Chemical Name</b>	<b>Release Amt</b>	<b>Business Type</b>	<b>Action Date</b>	<b>Comment</b>	<b>Sector</b>
06/12/2014	Chromium	Unknown	Metal Plating	06/18/2014	Closed	Private

**06 - East Central Florida Regional Planning Council****Release Count****4****ORANGE COUNTY**

<b>Release Date</b>	<b>Chemical Name</b>	<b>Release Amt</b>	<b>Business Type</b>	<b>Action Date</b>	<b>Comment</b>	<b>Sector</b>
06/26/2014	Sodium Hypochlorite	64.9	Water Park	07/01/2014	Closed	Private

07/05/2014	Sodium Hypochlorite	225	Water Park	07/10/2014	Closed	Private
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**OSCEOLA COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/20/2014	Sodium Hypochlorite	450	Swimming Pools-Supplies	08/22/2014	Closed	Private

**SEMINOLE COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/27/2014	Chorine Tablets(Trichloro-s-triazinetriene)	Unknown	Private Residence	08/29/2014	FWC/AG/County case Closed	Private

**07 - Central Florida Regional Planning Council**

**Release Count 3**

**POLK COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/14/2014	Sulfuric Acid	1,533	Mining	06/18/2014	Called with 15 min./Closed	Private
07/22/2014	Sodium Hypochlorite	787	Water Treatment Plant	07/28/2014	Closed	Public
08/19/2014	Ammonia	100 - 3,000	Mining	08/22/2014	Asked for 7 day follow up report due time delay for reporting. CMS	Private

**08 - Tampa Bay Regional Planning Council**

**Release Count 2**

**HILLSBOROUGH COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/15/2014	Diluted Sodium Hypochlorite	Unknown	Resport	08/21/2014	Closed	Private

**PINELLAS COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/22/2014	Mono Sulfate / Dichlor	30	Pool Supply	07/28/2014	I talked with OER's Jeff Tobergte he said around 50 persons were evacuated. The oxidizers were Mon sulfate and Diclor that were mixed together by accident in a machine that made a cloud of gas. There were no injuries. Closed	Private

**09 - Southwest Florida Regional Planning Council****Release Count****2****CHARLOTTE COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/17/2014	Sodium Hypochlorite	450	Wastewater Treatment Plant	07/25/2014	Called in Release in time to the NRC, CERCLA release. Closed	Public

**LEE COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/24/2014	Mercury	.0000088	School	07/29/2014	Below RQ, No offsite. Closed	Public

**10 - Treasure Coast Regional Planning Council****Release Count****1****PALM BEACH COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/05/2014	Mercury	2	Abandoned Home	07/10/2014	Closed - abandoned home	Private

**11 - South Florida Regional Planning Council****Release Count****2****DADE COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/15/2014	Anhydrous Ammonia	1,792	Bakery	08/18/2014	No offsite release. CMS	Private
08/26/2014	Sodium Hypochlorite	3,149	Wholesale/Retail Chemical Sales	08/28/2014	Closed (Vandalism)	Private

**Hazardous Materials Incident Report - Table 2**

6/1/2014 Thru 8/31/2014

**Hazardous Materials Incidents with Evacuations, Injuries, and Deaths**

**06 - East Central Florida Regional Planning Council**

**BREVARD COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/17/2014	Oxygen	Unknown	Health & Rehab Nursing Home	0	30	0	N / A
08/18/2014	Natural Gas	Unknown	Private Residence	0	4	0	N / A

**08 - Tampa Bay Regional Planning Council**

**PINELLAS COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/15/2014	Hydraulic Oil	Unknown	Metal Plating	1	0	0	Minor Burns due to a hydraulic press catching on fire.
07/15/2014	Pepper Spray (possible)	Unknown	State Office Bldg.	5	0	0	Possible Pepper Spray
07/16/2014	Propane	Unknown	Apartment Complex	0	32	0	N / A
07/22/2014	Mono Sulfate / Dichlor	30	Pool Supply	0	50	0	N / A

**09 - Southwest Florida Regional Planning Council**

**LEE COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/24/2014	Pepper Spray (possible)	Unknown	Retail Store	1	10	0	Possible unknown exposure (pepper spray)

## 10 - Treasure Coast Regional Planning Council

### PALM BEACH COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/25/2014	Carbon Monoxide / Battery	Unknown	Medical Office building	7	31	0	Battery off gassing
08/01/2014	Propane	Unknown	Private Residence	0	2	0	N / A

## 11 - South Florida Regional Planning Council

### DADE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
08/28/2014	Unknown Perfume	Unknown	Post Office	1	34	0	Unknown Perfume

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

**Hazardous Materials Incident Report - Table 3**

6/1/2014 Thru 8/31/2014

**Transportation Incidents with Evacuations, Injuries, and Deaths**

**01 - West Florida Regional Planning Council**

**BAY COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/02/2014	Oil	225	Traffic Accident	2	0	0	unknown severity

**ESCAMBIA COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/05/2014	Diesel Fuel	481	Traffic Accident	2	0	0	Trauma
08/14/2014	Oil / Diesel Fuel	Unknown	Traffic Accident	25	0	0	Trauma

**02 - Apalachee Regional Planning Council**

**LEON COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/19/2014	Gasoline	160	Traffic Accident	1	0	0	Unknown

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

**ALACHUA COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/19/2014	Gasoline	Unknown	Traffic Accident	1	0	0	Unknown

**GILCHRIST COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/07/2014	Gasoline / Oil	256 / 300	Traffic Accident	0	0	1	Unverified Per FDLE

## 04 - Northeast Florida Regional Planning Council

### DUVAL COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/28/2014	Gasoline	Unknown	Aircraft Accident	0	0	1	Trauma waiting for more info from NTSB*

### NASSAU COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/28/2014	Gasoline	Unknown	Aircraft Accident	0	0	1	Trauma waiting for more info from NTSB*

## 06 - East Central Florida Regional Planning Council

### BREVARD COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
07/24/2014	Gasoline	512	Traffic Accident	1	0	0	Unknown
08/10/2014	Gasoline or Diesel Fuel	Unknown	Boating Accident	3	0	0	Trauma
08/14/2014	Natural Gas	Unknown	Pipeline	0	1	0	N / A

### ORANGE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/14/2014	Hydrogen Cyanide Gas	Unknown	Transportation	0	0	1	Cause of Death resulted from mixing 2 chemicals together to form a Hydrogen Cyanide Gas, info. Per Dist. 9 ME.

### VOLUSIA COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/09/2014	Gasoline	Unknown	Aircraft Accident	0	0	2	Per NTSB both flight instructor & private rated student were fatally injured.

## 07 - Central Florida Regional Planning Council

### DESOTO COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/20/2014	Malathion / Diesel Fuel	Unknown	Transportation / Farming	1	0	0	Trauma / Chemical Exposure

## 08 - Tampa Bay Regional Planning Council

### HILLSBOROUGH COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/22/2014	Gasoline	159	Aircraft Accident	0	0	1	Trauma per NTSB.
07/03/2014	Diesel Fuel	10,360	Traffic Accident	1	0	0	Minor Trauma
07/15/2014	Unknown Gas	Unknown	Office Complex	3	250	0	Unknown
07/29/2014	Diesel Fuel	1,480	Traffic Accident	2	0	0	Minor Trauma
08/24/2014	Diesel Fuel	296	Traffic Accident	1	0	0	Trauma

### PINELLAS COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/16/2014	Natural Gas	Unknown	Restaurant / Pipeline	0	1	0	N / A
07/03/2014	Hydrochloric Acid/Sodium Hypochlorite	Unknown	Traffic Accident	2	0	0	Unknown
07/31/2014	Natural Gas	Unknown	Pipeline / Restaurant	0	4	0	N / A
08/08/2014	Natural Gas	Unknown	Pipeline / Construction	0	50	0	N / A
08/21/2014	Gasoline	Unknown	Traffic Accident	1	0	0	Trauma

## 09 - Southwest Florida Regional Planning Council

### COLLIER COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
08/15/2014	Diesel Fuel / Hydraulic Oil	370 / 375	Traffic Accident	2	0	0	Trauma

## 10 - Treasure Coast Regional Planning Council

### MARTIN COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/26/2014	Natural Gas	Unknown	LP Storage	0	1,684	0	N / A

### PALM BEACH COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/26/2014	Natural Gas	Unknown	LP Storage	0	1,684	0	N / A
07/30/2014	Propane	Unknown	Private Residence	0	6	0	N / A
08/01/2014	Diesel Fuel	296	Traffic Accident	2	0	0	Unknown
08/10/2014	Gasoline	192	Aircraft Accident	1	0	0	Trauma

## 11 - South Florida Regional Planning Council

### BROWARD COUNTY

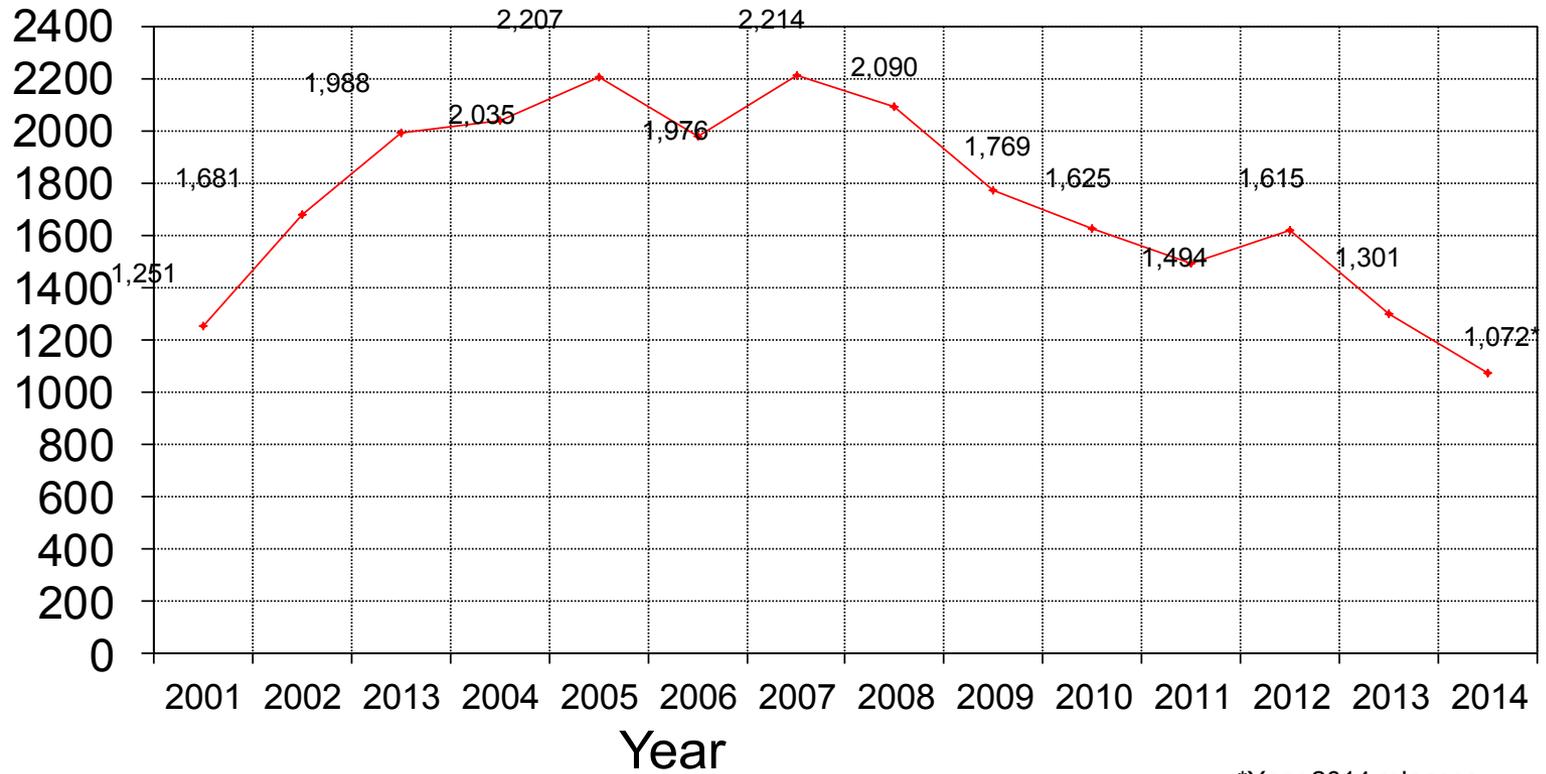
Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/27/2014	Diesel Fuel	Unknown	Traffic Accident	1	0	0	Unknown
08/18/2014	Diesel Fuel	Unknown	Private Vessel	0	15	0	N / A

### MONROE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause Of Injury / Death*
06/10/2014	Gasoline or Diesel Fuel	Unknown	Traffic Accident	1	0	0	Unknown

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

**Graph I**  
**HAZARDOUS MATERIALS INCIDENT REPORTS**  
(January 1, 2001 through August 31, 2014)

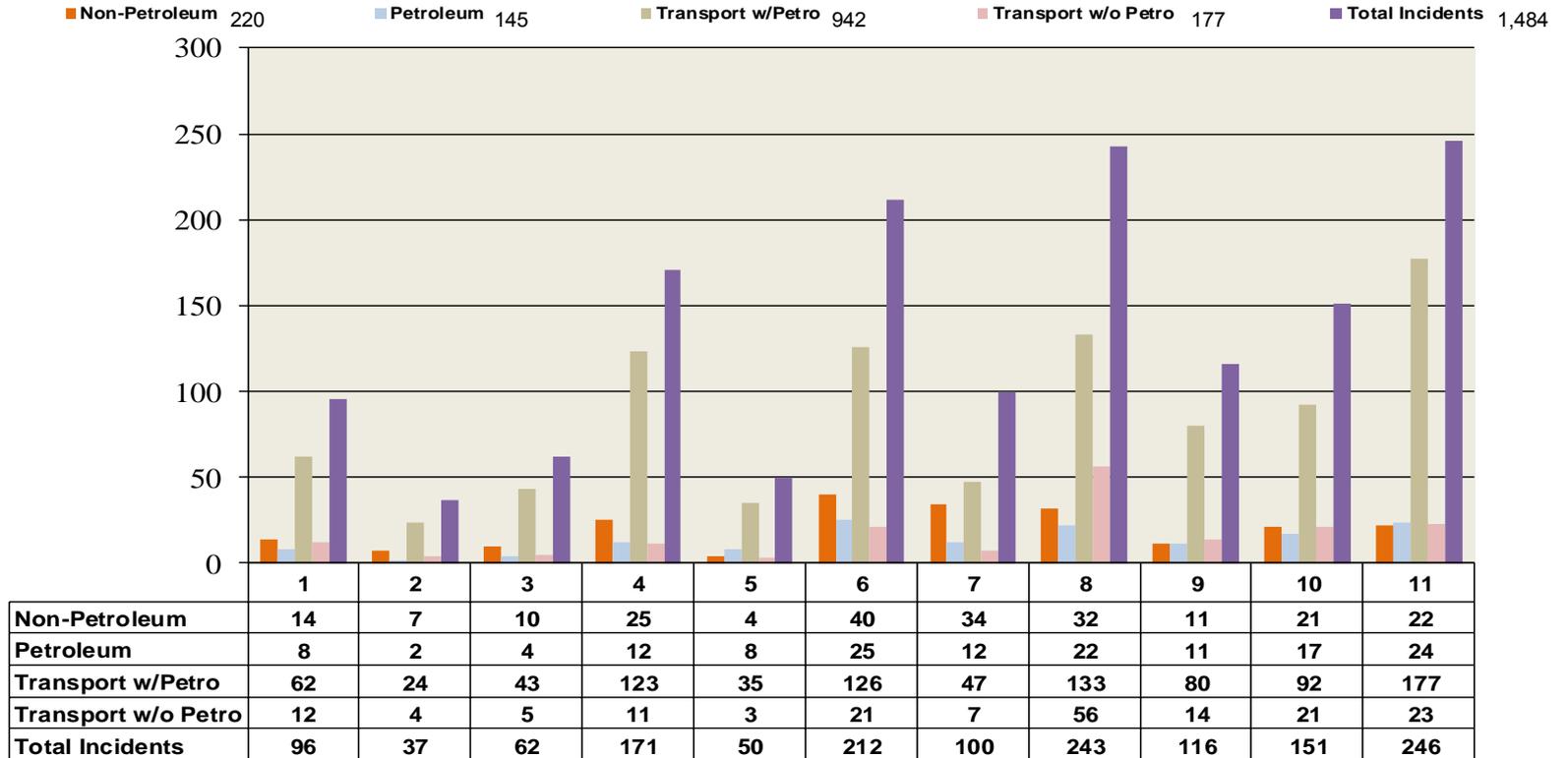


\*Year 2014 releases through August 31.

## GRAPH II

# HAZARDOUS MATERIALS INCIDENT REPORTS

### BY LOCAL EMERGENCY PLANNING COMMITTEE DISTRICT



September 1, 2013 through August 31, 2014

**TAB VII - A**

# MEMORANDUM

**DATE:** August 1, 2014

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

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

**RE:** CSB Recommends Safety Improvements to USDOT Emergency Response Guide (ERG)

---

Attached are two items associated to the CSB recommended changes to the ERG Book.

This includes:

- 1) News Release Article
- 2) CSB response to a formal request for information from USDOT



U.S. CHEMICAL SAFETY BOARD

*An independent federal agency investigating chemical accidents to protect workers, the public, and the environment.*

## CSB RECOMMENDS SAFETY IMPROVEMENTS TO U.S. DEPARTMENT OF TRANSPORTATION EMERGENCY RESPONSE GUIDEBOOK WIDELY USED BY FIREFIGHTERS

Washington, DC, October 8, 2014—The U.S. Chemical Safety Board (CSB) is recommending critical safety improvements to the widely-used Emergency Response Guidebook published by the U.S. Department of Transportation (DOT) for emergency responders to use when confronting chemical fires, explosions and releases of hazardous materials.



The CSB noted that while the manual is provided for responders to use in transportation incidents, CSB investigators have found over the years that the guidebook is often used by emergency responders – firefighters, medical technicians and police officers -- dealing with chemical accidents at fixed facilities. However, the CSB found some of the directions given in the manual are vague. The CSB document specifically cited guidebook changes needed for handling ammonium nitrate fires such as the one that led to a massive explosion at a fertilizer storage facility in West, Texas last year.

The CSB recommendations are contained in a seven-page response to a formal Request for Information (RFI) the transportation department issued as it seeks comment on a proposed revision issued on August 29, 2014, an edition scheduled for public release in 2016. The current guidebook was released in 2012. The guidebook – jointly produced with Canada and Mexico and in use in those countries as well – is used across the country by emergency responders who can quickly look up correct responses to a myriad of chemical accidents. The department’s website states that “DOT’s goal is to place an ERG in every emergency service vehicle nationwide.”

CSB Chairperson Rafael Moure-Eraso said, “We have respectfully submitted our comments to the DOT, based on years of our incident investigations, which show that responders are often not aware that this important manual is intended only for responding to chemical releases or fire incidents in transportation accidents, such as railroad tankers or truck-hauled containers, and not fixed facilities. Directions on how to respond to incidents at fixed chemical or manufacturing facilities may be much different.”

The CSB proposed that the Emergency Response Guidebook (ERG) place a cautionary note at the front of the manual – rather than on page 356 where it is now – to read, in capital letters, “Only intended for use when responding to transportation incidents.”

CSB Investigation Team Lead Johnnie Banks noted, “The CSB recommended the ERG include additional guidance on where responders can find chemical hazard information in responding to incidents at fixed facilities, such as Material Safety Data Sheets or EPA-required ‘Tier 2’ information which specifies the chemicals on hand at facilities. We feel responders need to know where to go for data quickly in the heat of battle.”

The CSB found what investigators called “vague or poorly defined terms” in the proposed new guidelines. Where

firefighters are told, for instance, to “fight fire from maximum distance,” the CSB recommended DOT specify the distance so firefighters are not left to guess what “maximum” means.

The CSB noted the [catastrophic explosion at West Fertilizer](#) resulted in 15 fatalities and over 250 injuries, and that twelve first responders perished while fighting the blaze when the storage facility exploded. The CSB reviewed the DOT guidance in the ERG for ammonium nitrate fertilizer, classified as an oxidizer. Within Guide 140 for a large fire, the guidance states “Flood fire with water from a distance.” In the case of an ammonium nitrate fire similar to West Fertilizer, the CSB response to DOT notes that “flooding the fire with water from an undefined distance could result in serious injuries or fatalities if the ammonium nitrate detonated.”

The CSB RFI response addresses in detail the need for additional language in DOT guidance regarding ammonium nitrate fertilizer to consider its “unpredictable and explosive nature” and the “potential for detonation within a very short time frame.”

The CSB is an independent federal agency charged with investigating industrial chemical accidents. The agency's board members are appointed by the president and confirmed by the Senate. CSB investigations look into all aspects of chemical accidents, including physical causes such as equipment failure as well as inadequacies in regulations, industry standards, and safety management systems.

The Board does not issue citations or fines but does make safety recommendations to plants, industry organizations, labor groups, and regulatory agencies such as OSHA and EPA. Visit our website, [www.csb.gov](http://www.csb.gov).

For more information, email CSB public affairs [public@csb.gov](mailto:public@csb.gov), or call Sandy Gilmour, Public Affairs, cell 202-251-5496.

[Back](#)



2175 K. Street, NW, Suite 400 | Washington, DC 20037-1809

Phone: (202) 261-7600 | Fax: (202) 261-7650 | Email: [name@csb.gov](mailto:name@csb.gov)

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**Rafael Moure-Eraso, Ph.D.**  
Chairperson

**Mark Griffon**  
Board Member



**Attention: Docket No. PHMSA-2014-0099; Notice No. 14-11**

Dear Sir or Madam:

The U.S. Chemical Safety and Hazard Investigation Board (CSB) would like to comment on the U.S. Department of Transportation's notice, "Hazardous Materials: Revision of Emergency Response Guidebook" (FR Doc. 2014-20683) which was published on August 29, 2014. Our comments are intended to provide information and to assist in the revision of the Emergency Response Guidebook for the 2016 version.

The cover page of the Emergency Response Guidebook (ERG) states that the publication is, "A Guidebook for First Responders During the Initial Phase of a Dangerous Goods/Hazardous Materials Transportation Incident."<sup>1</sup>

The ERG is intended for incidents involving the transport of hazardous materials and is limited to the size of the transportation containers involved. However, the CSB has found in several of its investigations<sup>2</sup> that the ERG manual is used by emergency responders for incidents involving chemical fires, explosions and releases of hazardous materials at fixed facilities. Incidents at fixed facilities may involve larger quantities of hazardous materials as well as additional hazards involving process conditions or other hazardous chemicals stored nearby, resulting in higher risk to emergency responders. The directions on how to respond to a chemical release or fire incident intended for transportation may be different when applied to an incident at a fixed chemical or manufacturing facility. For this reason, the CSB suggests that the Department of Transportation consider additional language to clarify ERGs usage limitations at fixed facilities. Please see the following comments:

**I. Clarification of the use of the ERG for responding to hazardous materials in non-transportation incidents.**

Though the ERG is intended for transportation incidents, the limited effectiveness of its application at a fixed chemical facility is not prominently cautioned in the front section of the guidebook. The second paragraph of the User's Guide (page 356) of the 2012 Edition of the ERG states, "*This guidebook will assist responders in making initial decisions upon arriving at the scene of a dangerous goods incident. It should not be considered as*

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<sup>1</sup> The ERG is jointly produced by the U.S. Department of Transportation, Transport Canada, and the Secretariat of Communications and Transportation (Mexico). Although other countries such as Argentina, Brazil, and Colombia have recently begun using the ERG, it was developed primarily to be consulted by emergency response personnel (such as firefighters, emergency medical technicians, and police officers) in the United States, Canada, and Mexico, when responding to transportation emergency involving hazardous materials.

<sup>2</sup> Technics, Inc. (2003), DuPont Belle (2010), Millard Refrigerated Services (2010), AL Solutions (2010).

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*a substitute for emergency response training, knowledge or sound judgment. ERG2012 does not address all possible circumstances that may be associated with a dangerous goods incident. It is primarily designed for use at a dangerous goods incident occurring on a highway or railroad during transportation. Be mindful that there may be limited value in its application at fixed facility locations.”*

The CSB believes that this information is obscured in the User’s Guide (See Excerpt 1 below) and should be emphasized in the early pages of the ERG. While the chemical name and identification number of the hazardous material could be available in the ERG, the guidelines and the information provided may still be of limited value, as the ERG is geared for transportation incidents rather than fixed facility incidents.

The CSB recognizes that the ERG manual will continue to be referenced by emergency responders for incidents involving the release of hazardous materials and fixed facilities. As a result, the Department of Transportation should also consider adding additional guidance such as the information first responders should obtain and reference when responding to an incident at a fixed facility, such as the company’s Safety Data Sheets (SDS) or submitted Tier II information. This information should also be in the front matter of the guidance, for example on page 1 and 2.

**Suggested Revision:** While the User’s Guide stated the primary intention of the application of the ERG – for use during transportation incidents, the CSB suggests the following:

1. In the next edition of the ERG, highlight boldly on the front cover page - “**ONLY INTENDED FOR USE WHEN RESPONDING TO TRANSPORTATION INCIDENTS.**”
2. Include additional guidance on the location emergency responders can obtain chemical hazard information if responding to an incident at a fixed facility, such as Material Safety Data Sheets (MSDSs) or Tier II information for that facility.
3. Move the User’s Guide from page 356 to page 1 or 2 of the next edition of the ERG to provide the users with the necessary guidance beginning from the earlier pages of the ERG.

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### ERG2012 USER'S GUIDE

The 2012 Emergency Response Guidebook (ERG2012) was developed jointly by Transport Canada (TC), the U.S. Department of Transportation (DOT), the Secretariat of Transport and Communications of Mexico (SCT) and with the collaboration of CIQUIME (Centro de Información Química para Emergencias) of Argentina, for use by fire fighters, police, and other emergency services personnel who may be the first to arrive at the scene of a transportation incident involving dangerous goods. **It is primarily a guide to aid first responders in quickly identifying the specific or generic hazards of the material(s) involved in the incident, and protecting themselves and the general public during the initial response phase of the incident.** For the purposes of this guidebook, the "initial response phase" is that period following arrival at the scene of an incident during which the presence and/or identification of dangerous goods is confirmed, protective actions and area securement are initiated, and assistance of qualified personnel is requested. It is not intended to provide information on the physical or chemical properties of dangerous goods.

This guidebook will assist responders in making initial decisions upon arriving at the scene of a dangerous goods incident. It should not be considered as a substitute for emergency response training, knowledge or sound judgment. ERG2012 does not address all possible circumstances that may be associated with a dangerous goods incident. **It is primarily designed for use at a dangerous goods incident occurring on a highway or railroad. Be mindful that there may be limited value in its application at fixed facility locations.**

ERG2012 incorporates dangerous goods lists from the most recent United Nations Recommendations as well as from other international and national regulations. Explosives are not listed individually by either proper shipping name or ID Number. They do, however, appear under the general heading "Explosives" on the first page of the ID Number index (yellow-bordered pages) and alphabetically in the Name of Material index (blue-bordered pages). Also, the letter (P) following the guide number in the yellow-bordered and blue-bordered pages identifies those materials which present a polymerization hazard under certain conditions, for example: Acrolein, stabilized 131P.

First responders at the scene of a dangerous goods incident should seek additional specific information about any material in question as soon as possible. The information received by contacting the appropriate emergency response agency, by calling the emergency response telephone number on the shipping document, or by consulting the information on or accompanying the shipping document, may be more specific and accurate than this guidebook in providing guidance for the materials involved.

**BEFORE AN EMERGENCY – BECOME FAMILIAR WITH THIS GUIDEBOOK!** In the U.S., according to the requirements of the U.S. Department of Labor's Occupational Safety and Health Administration (OSHA, 29 CFR 1910.120), and regulations issued by the U.S. Environmental Protection Agency (EPA, 40 CFR Part 311), first responders must be trained regarding the use of this guidebook.

*Page 356*

### **Excerpt 1 (Page 356 of the 2012 Edition of the ERG)**

## **II. Clarification of non-clearly defined and vague terms in the ERG.**

The CSB compared firefighting measures in the ERG and found vague or poorly defined terms. For example, under the Emergency Response Section of Guide 140 – Oxidizers (See Excerpt 4), the ERG recommends the following:

### **Fire involving Tanks or Car/Trailer Loads**

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.

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- Cool containers with flooding quantities of water until well after fire is out.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

ERG2012	OXIDIZERS	GUIDE 140
<b>EMERGENCY RESPONSE</b>		
<b>FIRE</b>		
<b>Small Fire</b>		
• Use water. Do not use dry chemicals or foams. CO <sub>2</sub> or Halon® may provide limited control.		
<b>Large Fire</b>		
• Flood fire area with water from a distance.		
• Do not move cargo or vehicle if cargo has been exposed to heat.		
• Move containers from fire area if you can do it without risk.		
<b>Fire involving Tanks or Car/Trailer Loads</b>		
• Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.		
• Cool containers with flooding quantities of water until well after fire is out.		
• ALWAYS stay away from tanks engulfed in fire.		
• For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.		
<b>SPILL OR LEAK</b>		
• Keep combustibles (wood, paper, oil, etc.) away from spilled material.		
• Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.		
• Stop leak if you can do it without risk.		
• Do not get water inside containers.		
<b>Small Dry Spill</b>		
• With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.		
<b>Small Liquid Spill</b>		
• Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.		
<b>Large Spill</b>		
• Dike far ahead of liquid spill for later disposal.		
• <b>Following product recovery, flush area with water.</b>		
<b>FIRST AID</b>		
• Move victim to fresh air.		
• Call 911 or emergency medical service.		
• Give artificial respiration if victim is not breathing.		
• Administer oxygen if breathing is difficult.		
• Remove and isolate contaminated clothing and shoes.		
• Contaminated clothing may be a fire risk when dry.		
• In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.		
• Keep victim warm and quiet.		
• Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.		

Excerpt 2 (Page 219 of the 2012 Edition of the ERG)

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Terms such as “maximum distance”, “flooding quantities,” “stay away,” “massive fire” and “withdraw from area” are not clearly defined. A firefighter must make subjective judgments in determining the **maximum distance** deemed safe enough to fight a fire involving an oxidizer, which fire is **massive**, or the distance or area is safe enough for withdrawal by a firefighter.

The CSB is currently investigating the 2013 catastrophic explosion at the West Fertilizer Company in West, Texas which resulted in 15 fatalities and over 250 injuries to first responders and the public. As a result of this incident, 12 first responders died while attempting to respond to a fire at an ammonium nitrate fertilizer storage facility that suddenly exploded. The CSB reviewed the DOT guidance in the ERG for ammonium nitrate fertilizer, classified as an oxidizer (Guide 140 on page 219). Within Guide 140 for a large fire, the guidance states “Flood fire with water from a distance.” In the case of an ammonium nitrate fire similar to West Fertilizer, flooding the fire with water from an undefined distance could result in serious injuries or fatalities if the ammonium nitrate detonated. Guide 140 includes additional precautions for a massive water flooding of the fire recommending the use of “unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.” However, these precautions only apply to tanks or car trailer loads, and not a storage warehouse similar to the one at West. The CSB acknowledges that Guide 140 covers several oxidizers, however the unpredictable and explosive nature of ammonium nitrate fertilizer should be considered when revising firefighting precautions as demonstrated by the line of duty deaths (LODD) incident at West, Texas. Based on a review of prior incidents investigated by the CSB, the ERG has been consulted on many occasions for non-transportation related incidents involving hazardous materials. The inclusion of additional language on the explosive hazards associated with ammonium nitrate fires would reduce the risk of injury and death the emergency responders and the public when responding to either a transportation or fixed facility incidents, if the emergency responders chose to reference the ERG.

### **Suggested Revision:**

1. Review the ERG to remove generic and vague information in the emergency response section of Guide 140 and other sections of the guidebook. Include a statement that urges emergency responders to reference other sources, in addition to the ERG, for more detailed instructions when responding to emergency incidents at fixed facilities. First responders should obtain and refer to the company’s Safety Data Sheets (SDS) or submitted Tier II information when responding to an incident at a fixed facility. This information should also be in the introduction of the guidance, for example on page 1 and 2.
2. Because other Guides within the ERG include precautions and recommended actions for specific chemicals covered in the guide<sup>3</sup>, revise the ERG to address the unpredictable behavior of AN-related fires and the potential for detonation within a very short time frame. Consider recommending a more conservative response

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<sup>3</sup> Guide 115, 125 and 155 contain cautionary statements for specifically named chemicals.

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to AN-related fires by emphasizing firefighter and resident evacuation when the threat is to human lives rather than property.

3. Revise Guide 140 to include a separate discussion of the properties and behaviors unique to AN, such as the potential for spontaneous detonation that may differ from other oxidizers covered by the Guide 140

### III. Consult other guidance documents:

1. The CSB also found a number of other issues that the DOT should consider when revising the ERG. Certain hazardous materials are not listed in the Emergency Response Guidebook because they are not regulated by the DOT, or they are listed under another name. For example, carbon dioxide, solid dry ice is not regulated as a hazardous material when shipped via highway transportation. However, dry ice is regulated as a hazardous material when shipped via air transportation. Determining whether to take the necessary safety precautions requires consultation with alternative sources, which the ERG does not reference.
2. Moreover, a review of the ERG indicates that there are several different chemical names associated with the same 4-digit identification number<sup>4</sup>. Sole reliance on this number may not provide emergency responders accurate information for an effective response. Also, there are several different listings for the same chemical name, each with a slightly different description in the ERG. For example there are 15 variations of Ammonium Nitrate listed in the current (2012) edition of the ERG, each of which may have significantly different hazards, therefore requiring different response actions. Therefore, without the ERG referring the emergency responder to additional sources of information such as the SDS, it may be challenging to determine which hazardous material or specific hazards are involved, and which appropriate safety precautions should be taken.
3. Lastly, the orange-bordered guides in the ERG do not illustrate scenarios in which more than one hazardous material, or materials of different classes and divisions become mixed in a transportation incident. DOT should consider adding additional precautions for incidents involving mixtures of one or more chemicals, with additional considerations for materials commonly transported together that may be reactive or result in more hazardous conditions in a fire or release involving several containers.

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<sup>4</sup> For Example, the ERG listed four chemicals under the Identification Number 1051, Guide Number 117. Chemicals listed are: Hydrocyanic acid, aqueous solutions, with more than 20% Hydrogen cyanide, Hydrogen cyanide, anhydrous, stabilized, and Hydrogen cyanide, stabilized.

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Hazard Investigation Board**

The CSB appreciates the DOT's consideration of the possible revisions that we believe will better safeguard emergency responders. We thank the DOT for the opportunity to comment on the revision of the ERG.

If you have any questions about our comments, or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,



Rafael Moure-Eraso, PhD, CIH  
Chairperson



Mark Griffon  
Board Member

**TAB VII - B**

# MEMORANDUM

**DATE:** November 3, 2014  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** CSX Operation Respond

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The main presenter will be John McFall from CSX. He will be discussing the new MobileWeb tool known as CSX Operation Respond. This mobile app is meant to enhance railroad incident response.

Here is a link to the news release on Operation Respond from CSX.

<http://www.csx.com/index.cfm/media/press-releases/csx-launches-industrye28099s-first-on-demand-mobile-application-to-enhance-railroad-incident-response/>

## **CSX Launches Industry's First On-Demand Mobile Application to Enhance Railroad Incident Response**

JACKSONVILLE, Fla. – September 11, 2014 – As part of its ongoing focus on community emergency preparedness and training, CSX is introducing a new mobile information system which will enhance first responders' ability to access train and cargo information in real time via their mobile devices.

The new program, CSX Operation Respond, will provide firefighters, police officers and other emergency responders with easy mobile access to critical information that supports safe and accurate response to emergencies, helping to protect both communities and responders themselves. The new program is a collaborative product of the Operation Respond Institute, an industry leader in providing real-time rail information, and CSX's public safety and technology teams.

"CSX Operation Respond, the first program of its kind among Class I railroads, is an important new component of our continuing efforts to advance the company's first priority: the safety of communities, employees and customers' freight," said Skip Elliott, vice president, public safety, health and environment. "The CSX team is consistently focused on working with partners like the Operation Respond Institute to provide timely access to critical information, and this tool was developed in response to feedback from our partners across our network."

CSX Operation Respond allows first responders to securely access information about hazardous materials being transported by any individual CSX train using their wireless devices, laptops or desktop computers. In addition to a graphically displayed train list that allows emergency responders to quickly locate and identify the contents of rail cars carrying hazardous materials, CSX Operation Respond provides emergency responders with a portfolio of other useful information designed to assist when responding to a rail-related transportation emergency.

The availability of CSX Operation Respond builds on CSX's longstanding commitment to communicate with, collaborate with and train first responder organizations, including local fire, police and emergency services units. The company also leverages the power of technology for timely information-sharing through its SecureNOW program, which gives key federal, state and local security partner agencies access to near real-time information about CSX trains.

In addition, in 2014 CSX has already trained more than 1,300 first responders from more than 250 agencies through its Safety Train: Energy Preparedness Program, which focuses on providing specialized hands-on training for rail-related hazardous materials incidents. The Safety Train builds on a comprehensive CSX first responder training program that includes hands-on sessions at the company's hazmat training center in Atlanta, Ga. and the Association of American Railroads emergency response training center in Pueblo, Colo. CSX also provides classroom training at local fire stations, conducts exercises and table-top drills, and offers web-based and self-study courses.

<http://www.csx.com/index.cfm/media/press-releases/csx-launches-industry28099s-first-on-demand-mobile-application-to-enhance-railroad-incident-response/>

# TAB IX

# MEMORANDUM

**DATE:** November 3, 2014  
**TO:** District IV Local Emergency Planning Committee  
**FROM:** Eric B. Anderson, LEPC Staff  
**RE:** Next Meeting of the LEPC

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The next meeting of the Local Emergency Planning Committee is scheduled to take place at the offices of the Northeast Florida Regional Council. The meeting will occur at 10am on Wednesday, February 11, 2014.

Northeast Florida Regional Council  
6850 Belfort Oaks Place  
Jacksonville, Florida 32216