



Northeast Florida LEPC

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

Tuesday, November 10, 2015 - 10:00a.m.

Agenda

- I. Call to Order
- II. Welcome Membership & New Members
- III. Pledge of Allegiance, Roll Call, & Introductions
- IV. Approval of Minutes *
- V. State Emergency Response Commission (SERC) Meetings
 - A. Training Task Force
 - B. LEPC/ Chairs
 - C. SERC
- VI. Current Business/Reports
 - A. Treasury Report
 - B. Hazardous Materials Release Report
- VII. Sub-Committee Reports
 - A. Training – **Chief Ty Silcox or Chief Joel Sneed**
 - i. Annual Training Report
 - ii. Upcoming Training Opportunities
 - B. Hazards Analysis – **Bill Decker**
 - i. County Hazards Analysis Profiles
 - C. Public Outreach – **Terry Carr**
- VIII. Presentations/ Issue Items
 - A. Tianjin, China Chemical Explosion 8/12/15 – **Eric Anderson**
 - B. Regional HazMat Exercise
 - i. Regional HazMat Video
 - ii. Review of After-Action Report & Improvement Plan – **Chief Richard Knoff**
- IX. Public Comments
- X. Adjournment*

*Denotes Action

TAB III

Northeast Florida LEPC - Membership List

	<i>Primary Name</i>	<i>Occupational Category</i>	<i>Alternate Name</i>
1	Chief Michael Bazanos	Firefighting	Kevin Guthrie
2	Henry Bonar	Facility Owner	Amy Pilgrim
3	Morrison Braren	Non-Elected Local Official	
4	Terry Carr	Local Environmental	Jean Richards
5	Douglas Coleman	Local Environmental	Larry Legg
6	Sandi Courson	Health	
7	Paul Crist	Transportation	Julius Rinosa
8	Bill Decker	Local Environmental	
9	Sheriff Joey B. Dobson	Law Enforcement	Chris Volz
10	Chief Lenny Ensalaco	Firefighting	Jennifer Stagg
11	Eng. George Faucher, Jr.	Firefighting	
12	Gerry Gviden	Interested Citizen	
13	Ben Huron	Local Environmental	Kari Reno
14	Gracie Kennedy	Local Environmental	Matthew Harris
15	Chief Richard Knoff *	Firefighting	Jonathan Lamm
16	Ronald Lendvay	Law Enforcement	James Watford
17	William Lord	Facility Operator	
18	Steven Millican	Emergency Management	
19	Tenneth Minor	Firefighting	Charles Johnson
20	James Murphy	Community Group	
21	Beverly Pitts	Facility Operator	
22	Quin Romay	Emergency Management	Ryan Simpson
23	Capt. John Scott, III	Firefighting	Lt. Allen Mason
24	Chief Harvey "Ty" Silcox	Firefighting	Alvin Barker
25	Lt. Todd Smith	Firefighting	Eng. Shawn Hall
26	Chief Joel Sneed	Firefighting	Brian Mitzel
27	Roger Studenski	Transportation	David Dunkley
28	Martha Wagaman	Emergency Management	
29	John Ward	Emergency Management	Maria Haney
30	Scott West	Hospital	
31	Ken Wilkey **	Facility Operator	
	Chairperson *	Vice-Chairperson **	10/23/2015
	<i>Quorum = 9 Members</i>	<i>New Members</i>	<i>Removed</i>

Local Emergency Planning Committees Occupational Categories

* Indicates request for expansion

Top Row = Current Total

Bottom Row = Total Previously Approved

DISTRICT	D1	D2	D3	D4	D6	D7	D8	D9	D10	D11	TOTAL
Elected State and Local Officials	1	0	1	0	1	0	0	1	0	0	4
	1	0	1	0	1	0	0	1	0	0	4
Emergency Management	10	8	10*	4	12*	6	7	9	6*	5	77
	11	8	9	4	11	6	7	9	5	5	75
Firefighting	3	3	8*	8	8*	4	8*	5	6	4	57
	2	3	5	8	7	4	7	5	6	4	51
First Aid	0	2	2	0	1	0	3	3	0	0	11
	0	2	1	0	1	0	3	3	0	0	10
Health	1	4	3	1	1	3	3	1	4	4	25
	1	4	2	1	1	3	3	1	4	4	24
Law Enforcement	3	1	1	2	1	1	2	2	4	3	20
	3	1	1	2	1	1	2	2	4	3	20
Local Environmental	2	3	2	5	3	4	3	4	3	5	34
	2	3	2	5	3	4	3	4	3	5	34
Hospital	0	1	3	0	2	1	1	3	1	1	13
	0	1	1	1	2	1	1	3	1	1	12
Transportation	1	1	1	2	1	2	3	1	2	1	15
	1	0	1	2	1	2	3	1	1	1	13
Broadcast and Print Media	0	0	1	0	1	1	1	0	0	0	4
	0	0	1	0	1	1	1	0	0	0	4
Community Groups	0	2	1	1	2	1	2	0	0	0	9
	0	2	1	1	1	1	2	0	0	0	8
Facility Owners and Operators	5	0	3	4	12	7	6	7	4	7*	55
	5	1	2	4	13	7	6	8	4	6	56
Non-Elected Local Official	0	0	2	1	0	0	1	0	1	2	7
	0	0	1	1	0	0	1	0	1	2	6
Interested Citizen	2	0	2	0	0	3	3	5*	5	3	23
	2	1	1	1	0	3	3	4	5	3	23
Water Management District	0	0	1	0	0	0	1	0	0	0	2
	0	0	1	0	0	0	1	0	0	0	2
Local Option	0	1	1	0	0	2	3	1	2	0	10
	0	1	1	0	0	2	2	1	2	0	9
TOTAL MEMBERS	28	26	42*	28	45*	35	47*	42*	38*	35*	366
	28	27	31	30	43	35	45	42	36	34	351

Effective: October 9, 2015

TAB IV



Northeast Florida Local Emergency Planning Committee



Wednesday, August 12, 2015
10:00 a.m.

MINUTES

A meeting of the Northeast Florida Local Emergency Planning Committee was held on Wednesday, August 12, 2015, at 10:05 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

Terry Carr – Environmental
Sandi Courson – Health
Paul Crist – Transportation
Bill Decker – Environmental
Chief Richard Knoff – Firefighting
Ronald Lendvay – Law Enforcement
William Lord – Facility Owner
Steve Millican – Emergency Management
James Murphy – Community Group
Capt. John Scott, III – Firefighting
Martha Wagaman – Emergency Management
Ken Wilkey – Facility Owner

Alternates

Alvin Barker – Firefighting
Maria Haney – Emergency Management
Matthew Harris – Local Environmental
Jonathan Lamm – Firefighting
Larry Legg – Local Environmental
Amy Pilgrim – Facility Owner

Guests: Chris King, JSO; Brooke Martin of CSX; Mitch Snead, FL Air National Guard; Alison Allwine, FL Air National Guard; Alex Sease, Westway Terminal Company, LLC; Shawn Hill, JFRD; Todd Smith, JFRD

NEFRC Staff Present: Eric Anderson, Sheron Forde and Brian Teeple

Excused

Morrison Braren – Non-Elected Local Official
Chief Lenny Ensalaco – Firefighting
George Faucher, Jr. – Firefighting
Gerry Gividen – Interested Citizen
Ben Huron – Local Environmental
Quin Romay – Emergency Management
Chief Joel Sneed – Firefighting
Roger Studenski – Transportation

Absent

Chief Michael Bazanos – Firefighting
Sheriff Joey Dobson – Law Enforcement
Tenneth Minor – Firefighting
Beverly Pitts – Facility Operator
Scott West - Hospital

*APPROVAL OF MINUTES

Chair Knoff called for a motion on the May 2015 meeting Minutes. Mr. Lendvay made the motion to approve the May 2015 Minutes, seconded by Capt. Scott. The motion carried unanimously.

STATE EMERGENCY RESPONSE COMMISSION (SERC) MEETINGS

Training Task Force - Lt. Lamm

The HazMat Check off competencies for Technician Operations has been approved by SERC and is available online on the SERC's website. It also goes over the operational guidelines for all four competencies. The Fire

College is still accepting the old competency check-offs while they transition to the new one; they are still in the rule-making phase of the Hazmat Technician portion. Anyone affected are encouraged to submit their comments to the Fire College. One issue they are working on is enabling non-emergency responders to take the State test for HazMat Technician.

The Hazardous Materials Symposium will be held on January 20 – 23, 2016 at Fire Rescue East; competition will begin on Wednesday. A call for white papers has gone out and will remain open until 8/14/15; they will begin scheduling classes on 8/21/15. Sponsors are being sought to help support the event and Members are encouraged to see if any of their contacts may be able to help.

LEPC/Chairs - Mr. Anderson

A sub-committee has been tasked with working on hazardous analysis recommendations on extra information that can be collected from the Tier II portion from private facilities each year as part of their annual Tier II submission. SERC has approved some of the Sub-committee's recommendations to add additional questions to the electronic submissions of Tier II forms in March 2016. They are: Under the State Defined Fields Facility Tab; 1) Does your facility have a written emergency response plan? Yes or No; 2) Does your facility have a hazardous materials response team? Yes or No; 3) Does your local fire department have an up-to-date pre-plan for your facility: Yes or No. Under the State Defined Fields Chemical Tab: 1) Frequency of shipments (pick one) – Daily, Weekly, Monthly, Annually, infrequent, Not Shipped; 2) Mode of Shipments (check all that apply) – Highway, Rail, Pipeline, Ship or Barge, Other; and, 3) All Facilities shall submit a site plan. Discussion followed.

SERC - Mr. Anderson

A brief overview of the July, 2015 SERC meeting was provided. The state website is now up and running for supplemental environmental projects (SEPs). Due to recent Legislative changes, there are now only 10 LEPCs statewide; there are new maps and boundaries, with some counties being shifted to different LEPC regions. As a result of these changes, there are discussions regarding how to proceed with new logos and branding. It is hoped that a new logo will be approved by the next SERC meeting.

CURRENT BUSINESS/REPORTS

Treasurer's Report - Chief Knoff

There is currently \$162.55 remaining in the LEPC account.

Hazardous Material Release Report - Mr. Anderson

An review of the hazardous materials release report was provided, which included: Table 1) list of incidents by LEPC District from March 1 through May 31, 2015; Table 2) a breakdown of fixed facilities where evacuations, injuries or deaths were reported; Table 3) transportation incidents and differentiation between chemical and traffic accident related deaths; Graph 1) incidents within the State from January 1, 2002 to May 31, 2015; and Graph 2) incidents within each LEPC district from June 1, 2014 to May 31, 2015. The tables and graphs were included in the agenda packet.

LEPC Regional HazMat Exercise: - Mr. Anderson

An overview of the upcoming Regional LEPC HazMat Exercise, which will be held on September 10, 2015 at the Clay Port, Reynolds Park, was provided. Currently, FDEP along with fire rescue teams from Clay, Gainesville, Jacksonville, Nassau and St. Johns County will be participating. An after-action report will be provided at the next meeting.

SUB-COMMITTEE REPORTS

Training - Mr. Anderson

An overview of the training sub-committee activities was provided stating that a 2-day HazMat refresher course has been completed with the City of Macclenny, Baker County. Instruction was provided by Chief Sessions and Captain Smith of the Gainesville FR and will do so again on August 28-29, 2015 in the City of Palatka, Putnam County. There is an on-going HazMat Tech 160-hours pilot program taking place in Clay County. Chief Knoff was instrumental in getting this done and at a much lower cost. If successful, the State is willing to take this program statewide. Recently completed/upcoming training includes Air Monitoring classes in Nassau County, Clay County and St. Johns County; Radiological class in Nassau County, Orange Park, St. Johns County and Clay County. Lt. Lamm will be attending the Virginia HazMat Conference in Virginia Beach in September 2015; and Compressed Gasses in Transit and at Fixed Facilities class in Flagler County in September 2015. This ends the training program year. Brief discussion followed.

Hazards Analysis - Bill Decker

The Sub-committee has not met since the last meeting, but are still working with the State to provide directions that will most effectively utilize their energy. However, there is value in maintaining the Committee with an assurance of putting forth effort in the right place.

Public Education Outreach - Mr. Carr

The Sub-committee met this morning and discussed establishing this Region's HazMat Awareness Week during September 12-16, 2016. It was determined that the focus for the event could be in line with providing Hazards Analysis information to citizens and community groups on what types of hazardous materials are located in their area that might pose a risk to the community. The Committee also reviewed the supplemental and environmental projects page and will try to advise citizens and agencies of the FloridaDisaster.org/sep web page and encourage utilization of the website to submit suggestions.

CSX Train Derailment Exercise

An overview was provided on the August 11, 2015 CSX Train Derailment Exercise in Gainesville; a mock drill reflecting hazardous material release affecting the community. The objectives included establishment of command and control of the incident, initiating public protection measures, initiating control and containment of spilled products, and establishment of a public information system. If anyone is interested in having CSX provide exercises in their communities, please contact Brooke Martin, brooke_martin@csx.com or 904-233-2519.

PRESENTATIONS/ISSUE ITEMS

Jacksonville Bomb Squad Capabilities - A presentation was provided by Sgt. Chris King of the Jacksonville Sheriff's Office describing the activities/services provided by the Bomb Squad Unit.

PUBLIC COMMENT

None.

Next Meeting – The next quarterly meeting is scheduled for Tuesday, November 10, 2015 at the Northeast Florida Regional 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 11:30am.

TAB V A

MEMORANDUM

DATE: October 28, 2015
TO: Northeast Florida Local Emergency Planning Committee
FROM: Eric B. Anderson, LEPC Staff
RE: Training Task Force (TTF) Meeting

Summary

The TTF met October 8, 2015 in Destin, Florida. The following were main points of discussion at the meeting:

- **Updates on the 4th Annual HazMat Symposium - January 2016**
- **Clay County HazMat Tech 160 Pilot Program**
- **Supplemental Environmental Projects**
 - www.floridadisaster.org/sep

The SERC envisions the LEPCs advertising and educating locals on the SEP program; driving folks to develop projects and get them submitted to the SEP website; and to assist with coordination of activities, if a project is approved by the violator and the EPA.

* FDEM is looking for the region to start adding projects to the Database



State Emergency Response Commission Training Task Force

Baytowne Conference Center
9300 Emerald Coast Pkwy West
Destin, Florida 32550
October 8, 2015 – 9:30 a.m.

I. Call to Order

1. Welcome and Pledge of Allegiance

II. Introductions

III. Approval of Meeting Minutes for July 2015

IV. Current Business

1. Progress Report 2016 Hazmat Training Symposium – Jonathan Lamm
2. Review of SERC Type I & II Capabilities Documents – Don Sessions
3. HazMat Technician IFSTA On-Line Course Pilot Program – Chief Knoff
4. 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
5. Region IV LEPC Full Scale Exercise Synopsis – Chief Knoff
6. Supplemental Projects Update – Don Sessions

V. New Business

1. Election of Chair

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 19, 2016 – Daytona Beach

VIII. Adjournment

4th Annual HazMat Symposium



You are invited

January 20 – 22, 2016

Daytona Beach Ocean Center

101 N. Atlantic Ave.

Daytona Beach, FL 32118

Team Competition - Class Room Training - Live Training - Exhibitors

<http://www.flhazmatsymposium.org/>

Visit the website for registration and more details

For sponsor information and donations please contact Jonathan Lamm
at 904.838.8949 or jonathan.lamm@claycountygov.com for details.



4TH ANNUAL HAZARDOUS MATERIALS SYMPOSIUM
Wednesday, January 20-22, 2016
Daytona Beach, FL



WEDNESDAY								
JANUARY 20, 2016; CLASSROOM COURSWORK								
8:00 – 8:45	<u>OPENING CEREMONY/ KEY NOTE SPEAKER:</u> GREG NOLL ROOM 102 A							
9:00 – 10:15	STREET SMART HAZMAT MIKE CALLAN Room 204A	HAZMAT MEDICINE – A COMMON SENSE APPROACH TO A COMPLEX SUBJECT TOBY BEVELACQUA RICHARD STILP Room 204B	TACTICAL CHEMISTRY CHRIS WEBER PH.D Room 103C	HAZMAT TECH SAFETY AT VOLATILE EXPLOSIVE INCIDENTS BRANDON BALL Room TBD	COMPETITION ROOM <i>Room 102A</i>	COMPETITION ROOM <i>Room 101A</i>	COMPETITION ROOM <i>Room 101B</i>	COMPETITION ROOM <i>Room 101C</i>
10:30 - 11:45					COMPETITION ROOM <i>Room 102A</i>	COMPETITION ROOM <i>Room 101A</i>	COMPETITION ROOM <i>Room 101B</i>	COMPETITION ROOM <i>Room 101C</i>
11:45 – 1:00	LUNCH BREAK – Food for purchase by vendors on location							
1:00 – 2:45	STREET SMART HAZMAT (CONT) MIKE CALLAN Room 204A	HAZMAT MEDICINE – A COMMON SENSE APPROACH TO A COMPLEX SUBJECT (CONT) TOBY BEVELACQUA RICHARD STILP Room 204B	TACTICAL CHEMISTRY CHRIS WEBER PH.D Room 103C	HAZMAT TECH SAFETY AT VOLATILE EXPLOSIVE INCIDENTS BRANDON BALL Room TBD	COMPETITION ROOM <i>Room 102A</i>	COMPETITION ROOM <i>Room 101A</i>	COMPETITION ROOM <i>Room 101B</i>	COMPETITION ROOM <i>Room 101C</i>
3:00 – 5:00					COMPETITION ROOM <i>Room 102A</i>	COMPETITION ROOM <i>Room 101A</i>	COMPETITION ROOM <i>Room 101B</i>	COMPETITION ROOM <i>Room 101C</i>



4TH ANNUAL HAZARDOUS MATERIALS SYMPOSIUM
Thursday, January 21, 2015
Volusia County Training Facility
(Buses will depart at 7:15 am, 7:20 am, 7:45 am)



THURSDAY, JANUARY 21, 2016, CLASSROOM COURSEWORK					
8:00 - 9:45	ANHYDROUS AMMONIA-TAMING THE TIGER – TOP TEN TIPS TRANSCAER/DAVID BINDER <i>Room 4</i>	ABOVE THE LINE/BELOW THE LINE HM IQ/CARA GORMAN <i>Room 1</i>	DERAILMENT INCIDENT MANAGEMENT JOE LEONARD/SHARON RUSSELL <i>Room 2</i>	MERCURY RESPONSE FOR 1ST RESPONDERS JEFF WATERS AND CHRIS RUSSELL <i>Room 3</i>	ADVANCED HAZARDOUS MATERIALS MANAGEMENT – TECH LEVEL STREET SMART CHEMISTRY DOUG LEVALLEY&VINCE CANNUSCIO <i>Room 5</i>
10:00 -11:45			BREAD AND BUTTER HM EXERCISES JOE LEONARD/SHARON RUSSELL <i>Room 2</i>	THE CHANGING FACE OF ENERGY GREG NOLL <i>Room 3</i>	
11:45 – 1:00	LUNCH BREAK – Food for purchase by vendors on location				
1:00 – 2:45	CSX EMERGENCY RESPONSE TO RAILROAD INCIDENTS BROOK MARTIN & SHAWN REEDY <i>Room 4</i>	ABOVE THE LINE/BELOW THE LINE(CONT) HM IQ/CARA GORMAN <i>Room 1</i>	RESEARCH BOOT CAMP EMANUEL WASHINGTON <i>Room 2</i>	PROPANE EMERGENCY RESPONSE CARL WEEKS & KEITH POMEROY <i>Room 3</i>	PUTTING IT ALL TOGETHER, RESEARCH, MONITORING, CHEMISTRY JULIO RAMOUS, ERIC SIENA, RANDALL HEBER <i>Room 5</i>
3:00 – 5:00			PLANNING, PITFALLS AND PERFORMING THE ROLL OF SAFETY MATT BROWN <i>Room 2</i>		

HANDS-ON (FIELD) TRAINING SESSIONS THURSDAY, JANUARY 21, 2014				
8:00 - 09:40	LEVEL A IN-SUIT EMERGENCIES PAUL SEIFERTH, CHRIS CAHILL, JESSE CREWS	CPF FIELD SCREENING DOUG WOLFE, DAN BARTLE	TANK ROLL OVER CLASS PAUL SEIFERTH, CHRIS CAHILL, JESSE CREWS	HANDS ON HAZMAT BOB COSCHIGANO, PHIL AMBROSE, BILL BENNETT
10:00 - 12:00		RAPID RISK ASSESSMENT DOUG WOLFE, DAN BARTLE		
12:00 – 1:00	LUNCH BREAK – Food vendors will be on location (please bring cash)			
1:00 – 3:00	LEVEL A IN-SUIT EMERGENCIES (DUPLICATE PRESENTATION) PAUL SEIFERTH, CHRIS CAHILL, JESSE CREWS	CPF FIELD SCREENING DOUG WOLFE, DAN BARTLE	TANK ROLL OVER CLASS PAUL SEIFERTH, CHRIS CAHILL, JESSE CREWS	HANDS ON HAZMAT BOB COSCHIGANO, PHIL AMBROSE, BILL BENNETT
3:00 – 5:00		RAPID RISK ASSESSMENT DOUG WOLFE, DAN BARTLE		



4TH ANNUAL HAZARDOUS MATERIALS SYMPOSIUM
Friday, January 22, 2015
Daytona Beach, FL



TIME	FRIDAY JANUARY 22, 2016; CLASSROOM ACTIVITIES						
8:00 - 9:45	POLITICS OF THE HM CALL JON HASKETT† <i>Room 204A</i>	THE HM INCIDENT, 8 STEP PROCESS GREG NOLL <i>Room 204B</i>	DOS AND DON'T OF ANHYDROS AMMONIA AMY PILGRIM <i>Room 201A</i>	RESPONDING TO SUSPECTED BIOLOGICAL AGENTS-FLORIDA DEPARTMENT OF HEALTH CHARLES FACTOR & E. RAY OSWALT <i>Room 201B</i>	RADIOLOGIC EMERGENCY RESPONSE VINCENT CANNUSCIO <i>Room 201 C</i>	FLAMMABLE LIQUIDS TANK TRUCK FIRE ATTACK RON GORE, JOHN WRIGHT III, AND BILLIE BOYD <i>Room 202C</i>	GAS PIPELINE EMERGENCIES PAUL SEIFERTH, ALAN WARD, JESSEE CREWS <i>Outside, East side of Conference Center</i>
10:00 -11:45	BOMB SQUAD/HM INTEGRATION KELLY BOAZ/JON HASKETT <i>Room 204A</i>		ADVANCING THE RESPONDER TOOL KIT W/MASS SPEC JOHN KENNEWEG & BOB WALTON <i>Room 201A</i>		HAZMAT ALERT: COMM PLAN FOR HM PATIENT DUSTIN PEARCE <i>Room 201 C</i>	LIQUIFIED GAS AND LEAK CONTROL RON GORE, JOHN WRIGHT III, AND BILLIE BOYD <i>Room 202C</i>	
11:45 – 1:00	LUNCH BREAK						
1:00 – 5:00	Attend Exhibit Hall						

TAB V B

MEMORANDUM

DATE: October 28, 2015
TO: Northeast Florida 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 8, 2015 in Destin, Florida. The following were points of discussion at the meeting:

- Chief Richard Knoff selected as the Vice Chair of the LEPC Chairs/Staff Subcommittee.
- LEPC Branding – New Name and Logo (no more numbers)
- CSX Rail Respond – an update to Operation Respond
- Petroleum Emergency Response Exercise – Marathon Petroleum in Jacksonville *October of 2016*
 - The planning and execution will be collaborative in nature
 - Public responders from are welcome to participate broadly
 - Marathon will provide the drill space and meals for 3 days
 - One of the focuses will be Marathon's Jacksonville terminal

Pat McCaffrey, Emergency Preparedness Coordinator
Office: 419-421-3058, *Cell:* 419-348-9576
psmccaffrey@marathonpetroleum.com

The next meeting of the LEPC Chair/Staff is scheduled for January 2016 in Daytona Beach, Florida.



AGENDA

LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) CHAIRPERSONS/COORDINATORS MEETING

**Baytowne Conference Center
9300 Emerald Coast Pkwy West
Destin, Florida 32550**

October 8, 2015 – 1:30 PM

- I. INTRODUCTIONS
- II. APPROVAL OF JULY MEETING MINUTES
- III. TRAINING TASK FORCE UPDATE
- IV. DISTRICT REPORTS
- V. OTHER BUSINESS
 - a. Discussion on need for a Vice-Chair – Richard Delp
 - b. LEPC Logo/Name Discussion – Richard Delp
 - c. Hazards Analyses Working Group Report – Dwayne Mundy
 - d. Liquefied Petroleum Gas Inspection – Betty Merritt, Florida Agriculture
 - e. Invoice and Documentation Issues – Paul Wotherspoon
 - f. 2016 HazMat Symposium Update – Jonathan Lamm
 - g. E-Plan Users Group Conference – Paul Wotherspoon

h. CSX Presentation – Rail Respond Mobile Emergency Information System – John McFall

i. Petroleum Emergency Response Exercise – Pat McCaffrey, Marathon Petroleum

VI. ISSUES FOR STATE EMERGENCY RESPONSE COMMISSION (SERC)

VII. NEXT SCHEDULED MEETING – January 19, 2016 – Daytona Beach

VIII. ADJOURNMENT



**Marathon
Petroleum Company LP**



Marathon Petroleum's Annual IMT Exercise



**Emergency
Preparedness
Group**

Background



- Annual Tier 3 IMT
- Building complexity into Drills
 - Optional multi-RP's
- Initiated by 3rd party or natural event
 - Impacts to multiple Marathon Petroleum Business units
 - Optional 3rd party impacts
- Collaborative planning and exercise efforts

Objectives



- Practice for an all volunteer team
- Involve public responders at all levels
 - Full IMT plus Security, Community Relations, Legal, other technical specialists
 - Target a Unified Response structure
- Standup a JIC
- Start with Marathon Petroleum leads, rotate in public leads
- Public side objectives TBD through planning process

Marathon Petroleum Facility



- Dock receives and can ship products
- 45 tank facility - primarily transportation fuels and additives
- Ship or receive products by Truck or Rail
- Approximately 6 miles Downriver from downtown where St. John and Broward Rivers meet

Marathon Petroleum Jacksonville Terminal



What Marathon Petroleum brings



- Drillspace – Hyatt downtown August 16-18, 2016
- Breakfast and lunch for 3 days
- Telephones, internet and workspace
- Joint information center
- Pre-drill Planning meetings (HSEEP light)

The Command Post 2015



References



- St. Louis Metro Cross-Jurisdictional exercise 2015
- Memphis/Baton Rouge exercises 2014
- Terror/spill exercise - Canton, OH 2013
- Oil spill/security exercise in Galveston 2012
- NOLA/Tampa multi-jurisdiction exercise 2011
- Region 3, 4, 5 Participation in Huntington WV IMT tabletop in 2009
- SONS07 Evansville, IN venue

Agenda



- Use this and subsequent meetings to recruit and plan
 - Involve state, federal and local responders
 - OSC's and PIO's
 - Fish and Wildlife
- Determine what's important to individual organizations
- Pick next meeting date location



Pat McCaffrey

PSMcCaffrey@MarathonPetroleum.com

419/421-3058

T A B V C

MEMORANDUM

DATE: October 28, 2015
TO: Northeast Florida 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 9, 2015 in Destin, Florida. The following were points of discussion at the meeting:

SUMMARY

- Approval of the Thomas Yatabe Award nominations
- Liquefied Petroleum Gas Inspectors

The next scheduled meeting of the SERC is in January 2016 in Daytona Beach, FL.



AGENDA

STATE EMERGENCY RESPONSE COMMISSION (SERC) FOR HAZARDOUS MATERIALS

**Baytowne Conference Center
9300 Emerald Coast Pkwy West
Destin, Florida 32550**

October 9, 2015 – 10:00 AM

PLEDGE OF ALLEGIANCE

Roll Call and Verification of Quorum

APPROVAL OF MINUTES

1. **Approval of Minutes for July 17, 2015 SERC Meeting**
ACTION: Motion for SERC Approval
EXHIBIT: Minutes of July 17, 2015 SERC meeting

NEW BUSINESS

2. **Local Emergency Planning Committees (LEPCs) Appointments**
ACTION: Approval of the list of recommended members and alternates
EXHIBIT: Memo #14-15
(Pages 1-15)
3. **Approval of LEPC Plans**
ACTION: Consideration for approval of the LEPC Plans
EXHIBIT: Memo #15-15
(Page 16)
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 #16-15
(Pages 17-21)

Reports

5. **SERC Training Task Force (TTF) Report**
ACTION: Oral report on issues of the SERC TTF
6. **Hazard Analysis Working Group 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 #17-15
(Pages 23-26)
8. **Hazardous Materials Incidents Report**
ACTION: Report on recent hazardous materials incidents reported in the State of Florida
EXHIBIT: Memo #18-15
(Pages 27-37)
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 #19-15
(Pages 38-43)
10. **LEPC Activities Update**
ACTION: An update of the meetings and activities conducted by each of the 10 LEPCs
EXHIBIT: HazMatters

Other Business

11. **Liquefied Petroleum Gas Inspection – Betty Merritt, Florida Agriculture**
12. **2016 HazMat Symposium Update – Jonathan Lamm**
13. **Petroleum Emergency Response Exercise – Pat McCaffrey, Marathon Petroleum**

Comments

FUTURE SERC MEETING DATES

January 20, 2016 – Daytona Beach

Adjourn

TAB VI A

MEMORANDUM

DATE: October 28, 2015
TO: Northeast Florida 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: **\$162.55**

TAB VI B

MEMORANDUM

DATE: October 28, 2015

TO: Northeast Florida 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, 2015 through August 31, 2015**. "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, 2002 through August 31, 2015**.

Graph II - depicts total incidents within each LEPC District from **September 1, 2014 through August 31, 2015**.



STATE OF FLORIDA

DIVISION OF EMERGENCY MANAGEMENT

RICK SCOTT
Governor

BRYAN W. KOON
Director

September 21, 2015

MEMORANDUM - # 18-15

TO: Members of the State Emergency Response Commission
(SERC) for Hazardous Materials

FROM: Bryan W. Koon, Chairman

SUBJECT: Hazardous Materials Incidents Report

SUMMARY: The attached tables and graphs provide information on all hazardous materials incident reports received by the State Watch Office for the period of up to January 1, 2002 through August 31, 2015. Incident reports are reviewed by staff on a daily basis for compliance with Section 304 and other provisions of the Emergency Planning and Community Right-to-Know Act (EPCRA) program. They can also be used to identify facilities that may have an obligation to report under the Risk Management Planning (RMP) program.

The "Potential Section 304 Investigations" information in Table 1 is listed by Local Emergency Planning Committee (LEPC) District. These are incidents involving the release of an Extremely Hazardous Substance (EHS) or a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) chemical at a fixed facility. 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. Those facilities found not to be in compliance with all Section 304 reporting requirements are referred to the Division of Emergency Management's General Counsel for possible enforcement action. The incidents listed in Tables 2 and 3 cover hazardous materials incidents for which evacuations, injuries and/or deaths were reported. Table 2 covers fixed facilities and Table 3 details transportation related incidents. Also note that the official cause of death is determined by the medical examiner's office. This process may take up to 90 days. The numbers for these tables were obtained from the State Watch Office incident reports, as well as other sources. This information is still being recorded and is available upon request.

The figures in Graph I show the total number of hazardous materials incidents per year (including Section 304) reported to the State Watch Office for the period of January 1, 2002 through August 31, 2015. The figures in Graph II compare incidents that occurred at fixed facilities to those involving transportation-related incidents during the past 12 months (September 1, 2014 through August 31, 2015). And note that the incidents in Graph II have been further refined to list petroleum vs. non-petroleum incidents for both fixed and transportation related incidents.

BWK/sb

Attachments

Hazardous Materials Incident Report - Table 1

6/1/2015 Thru 8/31/2015

Potential Section 304 Investigations

02 - Apalachee Regional Planning Council

Release Count 1

JACKSON COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/03/2015	Sodium Hypochlorite	.07	Private Residence	07/06/2015	Closed	Private

04 - Northeast Florida Regional Planning Council

Release Count 1

PUTNAM COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/07/2015	Sodium Hydroxide	1500	Pulp Mill	07/10/2015	Closed - called within 15 minutes	Private

06 - East Central Florida Regional Planning Council

Release Count 5

LAKE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/15/2015	Anhydrous Ammonia	60	Citrus Production	07/21/2015	Closed - called within 15 minutes	Private
08/24/2015	Anhydrous Ammonia	11	Citrus Production	08/31/2015	Closed	Private

ORANGE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/09/2015	Sodium Hypochlorite	20	Food Production	06/17/2015	Closed - Below RQ	Private
07/29/2015	Waste Water (phosphoric & citric acids)	3000-20000	Bottling	07/31/2015	Closed	Private

SEMINOLE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/04/2015	Mercury	.03381	Private Residence	08/06/2015	Closed	Private

07 - Central Florida Regional Planning Council

Release Count 1

POLK COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/04/2015	Sulfuric Acid	5260	Mining	07/07/2015	Closed	Private

08 - Tampa Bay Regional Planning Council

Release Count 5

HILLSBOROUGH COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/12/2015	Sodium Hypochlorite	1237	Retail Pool Sales	06/18/2015	Possible SEP	Private
06/21/2015	Phosphoric Acid	4371	Mining	06/29/2015	Closed	Private

MANATEE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
07/06/2015	Corrosive 8 UN1719- Potassium Hydroxide	Unknown	Unknown	07/10/2015	Closed	Unknown

PINELLAS COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/29/2015	Calcium/Sodium Hypochlorite	Unknown	Apartment Complex	07/02/2015	1 treated onsite. Closed	Unknown
07/31/2015	Hydrochloric Acid/Sodium Hypochlorite	Unknown	Private Residence	07/31/2015	Closed	Private

10 - Treasure Coast Regional Planning Council

Release Count 3

MARTIN COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/17/2015	Sodium Hypochlorite	562	WTP	06/18/2015	Closed/Called within 15 min.	Public
07/11/2015	Nitric Acid	400	Metal Plating	07/27/2015	No initial call was made By the facility- Possible SEP	Private

PALM BEACH COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
08/11/2015	Sulfuric Acid	Unknown	WTP	08/14/2015	R/P did not call within 15 min. to the SWP/NRC.	Public

11 - South Florida Regional Planning Council

Release Count 3

DADE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/03/2015	Anhydrous Ammonia	Unknown	Ice Company	06/05/2015	Intital call was to 911.	Private
06/22/2015	Ethylene Glycol - Dowtherm SR-1 25	916	Airport	06/29/2015	Closed	Private

MONROE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Action Date	Comment	Sector
06/26/2015	Gasoline / AFFF Foam–Diethylene Glycol Monobutyl Ether	224	Gas Station	07/01/2015	AFFF Foam – Diethylene Glycol Monobutyl Ether	Private

Hazardous Materials Incident Report - Table 2

6/1/2015 Thru 8/31/2015

Hazardous Materials Incidents with Evacuations, Injuries, and Deaths

02 - Apalachee Regional Planning Council

JACKSON COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/03/2015	Sodium Hypochlorite	.07	Private Residence	1	0	0	Exposure

04 - Northeast Florida Regional Planning Council

ST. JOHNS COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/21/2015	Gasoline	Unknown	Gas Station	1	0	0	Exposure

06 - East Central Florida Regional Planning Council

BREVARD COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/18/2015	Carbon Monoxide	Unknown	School	2	43	0	Unknown

LAKE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/23/2015	Propane	Unknown	Private Residence	0	5	0	N / A

SEMINOLE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/04/2015	Mercury	0.03381	Private Residence	0	1**	0	N / A

07 - Central Florida Regional Planning Council

HIGHLANDS COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/21/2015	Fertilizer - blended	Unknown	Fertilizers, mixing	0	1**	0	N / A

POLK COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/01/2015	Gasoline	Unknown	Clinic/Unknown	0	1	0	N / A

08 - Tampa Bay Regional Planning Council

HILLSBOROUGH COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
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07/28/2015	Propane	Unknown	Traffic Accident	0	1	0	N / A
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PINELLAS COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/29/2015	Calcium/Sodium Hypochlorite	Unknown	Aparment Complex	0	2	0	N / A
07/31/2015	Hydrochloric Acid/Sodium	Unknown	Private Residence	1	0	0	Exposure
08/10/2015	Propane	Unknown	Apartment Complex	0	1	0	N / A
08/24/2015	Normal Cleaning Supplies	Unknown	Apartment Complex	0	4	0	N / A

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

** Unknown

Hazardous Materials Incident Report - Table 3
6/1/2015 Thru 8/31/2015
Transportation Incidents with Evacuations, Injuries, and Deaths

01 - West Florida Regional Planning Council

OKALOOSA COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/21/2015	Fuel and Oil Mix	Unknown	Boating Accident	1	0	0	Thermal
07/16/2015	Diesel Fuel/Hydroburn	148 / 146	Traffic Accident	1	0	0	Trauma

WALTON COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/20/2015	Gasoline or Diesel Fuel	Unknown	Traffic Accident	1	0	0	Unknown

02 - Apalachee Regional Planning Council

JACKSON COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/16/2015	Hydraulic Oil	Unknown	Traffic Accident	0	0	1	Trauma

LEON COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/25/2015	Natural Gas	Unknown	Pipeline/School	0	3	0	N / A
08/23/2015	Gasoline or Oil	Unknown	Traffic Accident	2	0	0	Minor

03 - North Central Florida Regional Planning Council

MADISON COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/19/2015	Diesel Fuel	Unknown	Traffic Accident	2	0	0	Trauma

MARION COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/12/2015	Gasoline	768	Aircraft Accident	0	0	2	Waiting for NTSB to

TAYLOR COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/04/2015	Natural Gas	Unknown	Pipeline / Timber Co.	0	1**	0	N / A

04 - Northeast Florida Regional Planning Council

CLAY COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/22/2015	Diesel Fuel	44	Traffic Accident	1	0	0	Trauma

PUTNAM COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/10/2015	Gasoline	63	Aircraft Accident	1	0	0	Minor
07/30/2015	Diesel Fuel	Unknown	Traffic / Railroad	1	0	0	Trauma

ST. JOHNS COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/25/2015	Natural Gas	Unknown	Pipeline	0	15	0	N / A

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

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/21/2015	Gasoline or Diesel Fuel	256 or 296	Traffic Accident	1	0	0	Trauma

ORANGE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/22/2015	Gasoline	96	Traffic Accident	9	0	0	Trauma

SEMINOLE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/27/2015	Diesel Fuel	370	Traffic Accident	2	0	0	Unknown
07/11/2015	Gasoline / Oil	48 / 55	Traffic Accident	4	0	0	Trauma

SUMTER COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/28/2015	Diesel Fuel / Oil	Unknown	Traffic Accident	0	0	1	Unverified Per FDLE
07/29/2015	Diesel Fuel / Oil	Unknown	Traffic Accident	2	0	0	Unknown

VOLUSIA COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/07/2015	Gasoline or Diesel Fuel	32 or 37	Traffic Accident	1	0	0	Trauma

07 - Central Florida Regional Planning Council**DESOTO COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/30/2015	Diesel Fuel	555	Traffic Accident	1	0	0	Trauma
08/09/2015	Gasoline	Unknown	Traffic Accident	1	0	5	Trauma Per FHP

OKEECHOBEE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/25/2015	Diesel Fuel	Unknown	Traffic Accident	0	0	1	PER FHP Thermal due to

POLK COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/04/2015	Diesel Fuel / Oil	Unknown	Traffic Accident	0	0	1	Unverified Per FDLE
07/22/2015	Gasoline	6.4	Aircraft Accident	2	0	0	Trauma
08/21/2015	Diesel Fuel	370	Traffic Accident	1	0	0	Trauma

08 - Tampa Bay Regional Planning Council**HERNANDO COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/27/2015	Gasoline/OIL/Diesel Fuel	42 / 49 / 49	Traffic Accident	0	0	5	Unverified Per FDLE

HILLSBOROUGH COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/07/2015	Diesel Fuel	592	Traffic Accident	1	0	0	Unknown
07/29/2015	Hydrochloric Acid, Chlorine Powder,	25	Traffic Accident	2	0	0	Minor
08/07/2015	Nitric Acid	12.50	Transportation	0	1	0	N / A

MANATEE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/01/2015	Diesel Fuel	1554	Traffic Accident	1	0	0	Minor

PINELLAS COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/01/2015	Diesel Fuel	444	Traffic Accident	1	0	0	Trauma
06/03/2015	Natural Gas	Unknown	Pipeline	0	45	0	N / A
07/13/2015	Gasoline	Unknown	Apartment/Condo	1	15	0	Exposure/Minor
07/15/2015	Natural Gas	Natural Gas	Pipeline	0	2	0	N / A
07/30/2015	Natural Gas	Unknown	Pipeline / Hotel	0	50	0	N / A
07/30/2015	Natural Gas	Natural Gas	Bakery/Pipeline	0	20	0	N / A
08/01/2015	Pepper Spray	Unknown	Mall/Retail Sales	4	7	0	Exposure

09 - Southwest Florida Regional Planning Council**CHARLOTTE COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/04/2015	Diesel Fuel	7400	Traffic Accident	2	0	0	Trauma

COLLIER COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/16/2015	Diesel / Oil / Ethylene Glycol	185 / 225 / unk	Traffic Accident	1	0	0	Trauma

GLADES COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/16/2015	Diesel Fuel	148	Traffic Accident	0	0	3	Trauma

LEE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
07/31/2015	Natural Gas	Unknown	Pipeline / Strip Mall	0	8	0	N / A

SARASOTA COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/06/2015	Ethylene Glycol	Unknown	Traffic Accident	4	0	0	Trauma
07/20/2015	Diesel Fuel	1110	Traffic Accident	1	0	0	Trauma
08/29/2015	Oil / Hydraulic Oil	97.5 / 150	Traffic Accident	0	0	1	Unverified Per FDLE

10 - Treasure Coast Regional Planning Council**PALM BEACH COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/03/2015	Natural Gas	Unknown	Pipeline / Auto Repair	0	1**	0	N / A
06/09/2015	Natural Gas	Unknown	College/Pipeline	0	1	0	N / A
06/15/2015	Natural Gas	Unknown	Pipeline / Restaurant	0	1**	0	N / A
06/19/2015	Sodium Hypochlorite	56	Traffic Accident	1	1	0	Minor Trauma
07/06/2015	Propane	Unknown	Pipeline/Construction	0	1	0	N / A
07/14/2015	Natural Gas	Unknown	Pipeline/ construction	0	1	0	N / A
08/18/2015	Natural Gas	Unknown	Pipeline / Residential	0	1	0	N / A
08/24/2015	Natural Gas or Propane	Unknown	Pipeline / strip mall	0	20	0	N / A

ST. LUCIE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/15/2015	Natural Gas	Unknown	Pipeline/Construction	0	6	0	N / A

11 - South Florida Regional Planning Council**BROWARD COUNTY**

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
06/01/2015	Natural Gas	Unknown	Pipeline/Construction	0	1	0	N / A
07/22/2015	Motor Oil	8	Traffic Accident	1	0	0	Trauma
08/25/2015	Diesel Fuel	740	Traffic Accident	3	0	0	Trauma

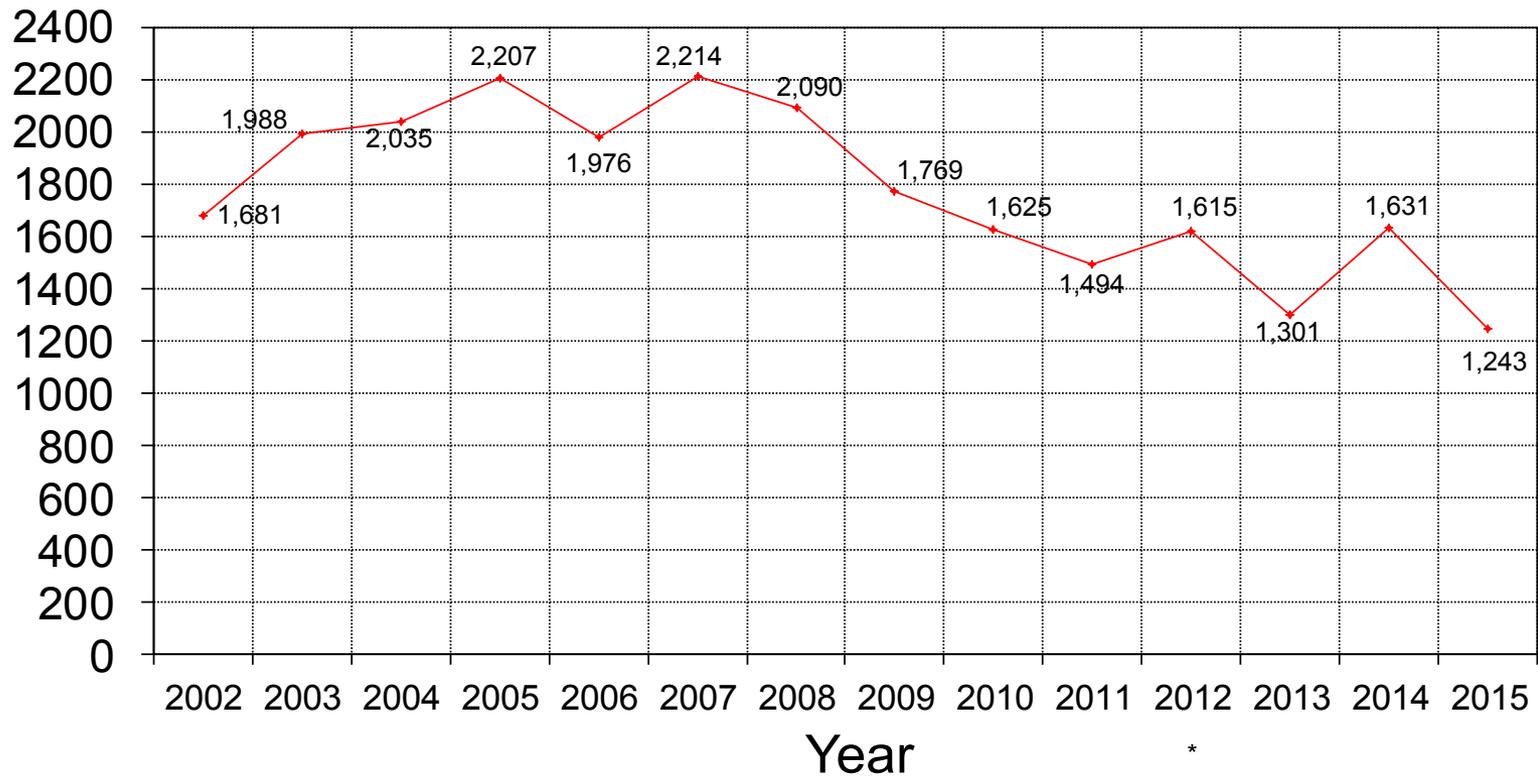
DADE COUNTY

Release Date	Chemical Name	Release Amt	Business Type	Injured	Evacuated	Fatalities	Cause of Injury/Death*
08/12/2015		Unknown	Construction/Pipeline	0	20	0	N / A
08/20/2015	Diesel Fuel	444	Traffic Accident	1	0	0	Trauma

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

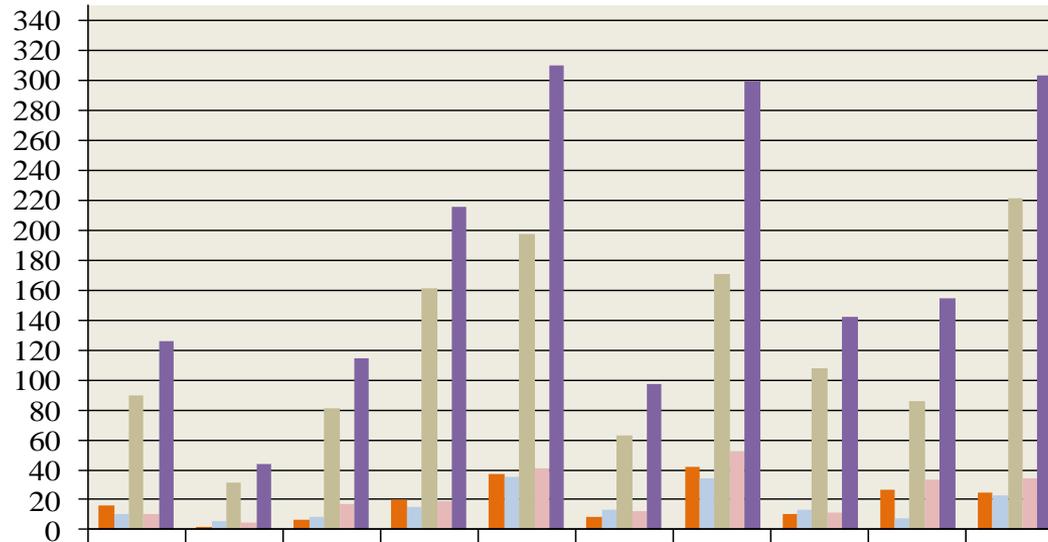
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Graph I
HAZARDOUS MATERIALS INCIDENT REPORTS
(January 1, 2002 through August 31, 2015)



GRAPH II HAZARDOUS MATERIALS INCIDENT REPORTS BY LOCAL EMERGENCY PLANNING COMMITTEE DISTRICT

■ Non-Petroleum 195
 ■ Petroleum 166
 ■ Transport w/Petro 1,209
 ■ Transport w/o Petro 234
 ■ Total Incidents 1,804



	1	2	3	4	6	7	8	9	10	11
Non-Petroleum	16	2	7	20	37	9	42	10	27	25
Petroleum	10	6	9	15	35	13	34	13	8	23
Transport w/Petro	90	31	81	161	197	63	171	108	86	221
Transport w/o Petro	10	5	17	19	41	12	52	11	33	34
Total Incidents	126	44	114	215	310	97	299	142	154	303

September 1, 2014 to August 31, 2015

TAB VII A

MEMORANDUM

DATE: October 29, 2015
TO: Northeast Florida Local Emergency Planning Committee
FROM: Eric B. Anderson, LEPC Staff
RE: LEPC Training Subcommittee

FY 2014-15 Annual Training Report

HMEP Grant Funded:

- 14 classes or conference
- 264 people trained
- Average costs of \$205/student

Non-Grant Funded:

- 10 classes
- 201 people trained
- Total Cost = \$0

All LEPC HazMat Training:

- 24 classes or conferences
- 465 people trained
- Average costs of \$116.50/person

FY 2015-16 Upcoming Courses

- 4th Annual Florida Hazardous Materials Symposium
 - Daytona Beach – January 2016
- Advanced HazMat Life Support (16 hr.)
 - Jacksonville – February 2016
- Propane Emergency Training
 - Around the region – March 2016

HMEP Funded Courses							
CourseName	CourseLocation	StartDate	EndDate	Level	# of people	TotalCost	Cost/Student
2014 Florida HazMat Symp	Daytona Beach	21-Jan-15	23-Jan-15	Awareness	30	\$ 10,212.78	\$ 340.43
HazMat IQ	Palatka, FL	28-Apr-15	28-Apr-15	Operational	31	\$ 6,374.76	\$ 205.64
International HazMat Conf	Baltimore, Maryland	28-May-15	31-May-15	Awareness	2	\$ 2,060.96	\$ 1,030.48
HazMat Tech 160	Green Cove Springs	1-Jun-15	30-Sep-15	Technician	24	\$ 8,578.79	\$ 357.45
HazMat Tech 2-day Refresher	Macclenny, FL	11-Jul-15	12-Jul-15	Technician	10	\$ 2,307.28	\$ 230.73
Air Monitoring	Yulee, FL	10-Aug-15	10-Aug-15	Technician	25	\$ 3,023.93	\$ 120.96
Air Monitoring	Orange Park, FL	11-Aug-15	11-Aug-15	Technician	19	\$ 3,023.92	\$ 159.15
Air Monitoring	St. Augustine, FL	12-Aug-15	12-Aug-15	Technician	15	\$ 3,023.92	\$ 201.59
HazMat Tech 2-day Refresher	Palatka, FL	28-Aug-15	29-Aug-15	Technician	19	\$ 2,828.39	\$ 148.86
Virginia HazMat Conference	Virginia Beach, VA	14-Sep-15	18-Sep-15	Awareness	1	\$ 664.27	\$ 664.27
Compressed Gases in Trans	Bunnell, FL	28-Sep-15	28-Sep-15	Operational	30	\$ 3,687.83	\$ 122.93
Air Monitoring	Jacksonville, FL	7-Oct-15	9-Oct-15	Technician	58	\$ 8,387.58	\$ 144.61
				TOTAL	264	\$ 54,174.41	\$ 205.21

Non-HMEP Funded Courses							
CourseName	CourseLocation	StartDate	EndDate	Level	# of people	TotalCost	Cost/Student
CSX Operation Respond	St. Augustine, FL	1/15/2015	1/15/2015	Awareness	29	0	0
CSX Operation Respond	Bunnell, FL	1/15/2015	1/15/2015	Awareness	21	0	0
CSX Operation Respond	Green Cove Springs, FL	1/27/2015	1/27/2015	Awareness	16	0	0
CSX Operation Respond	Palatka, FL	1/27/2015	1/27/2015	Awareness	26	0	0
CSX Operation Respond	Yulee, FL	2/10/2015	2/10/2015	Awareness	7	0	0
CSX Operation Respond	Jacksonville, FL	3/2/2015	3/4/2015	Awareness	34	0	0
Radiological Training (FDOH)	Yulee, FL	8/12/2015	8/12/2015	Operational	16	0	0
Radiological Training (FDOH)	Orange Park, FL	8/19/2015	8/19/2015	Operational	28	0	0
Radiological Training (FDOH)	St. Augustine, FL	8/26/2015	8/26/2015	Operational	16	0	0
Radiological Training (FDOH)	Green Cove Springs, FL	8/27/2015	8/27/2015	Technician	8	0	0
				TOTAL	201	0	0

All Training	465	\$ 54,174.41	\$ 116.50
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TAB VII B

MEMORANDUM

DATE: October 29, 2015
TO: Northeast Florida Local Emergency Planning Committee
FROM: Eric B. Anderson, LEPC Staff
RE: LEPC Hazards Analysis Subcommittee

Consideration by the LEPC for this subcommittee to begin work on conducting County Profiles, as they relate to section 302 facilities and associated hazards analysis.

Vulnerable populations and critical facilities in each county could then be targeted by the LEPC Public Outreach Subcommittee for future outreach activities and education.

The HA Subcommittee would also be responsible for providing a presentation and overview of a county profile at each upcoming LEPC meeting for the next 2 years.

TAB VII C

MEMORANDUM

DATE: October 29, 2015
TO: Northeast Florida Local Emergency Planning Committee
FROM: Eric B. Anderson, LEPC Staff
RE: LEPC Public Outreach Subcommittee

Update of Activities: Chairperson Terry Carr

TAB VIII A

MEMORANDUM

DATE: October 29, 2015
TO: Northeast Florida Local Emergency Planning Committee
FROM: Eric B. Anderson, LEPC Staff
RE: Tianjin, China Chemical Explosion

A catastrophic chemical explosion occurred at the port facility in Tianjin, China on August 12, 2015.

The total amount and types of chemicals stored at the site are under scrutiny. It is speculated that the facility was storing chemicals and quantities in extreme excess of what was permitted or allowed.

Staff will show several videos showing the explosions and associated aftermath.

General Statistics

Fire began at 10:50 pm on August 12th. Explosions began at 11:30pm.

Life

- 173 deaths
- 8 missing
- 797 injuries

Property

- 13,800 vehicles burned or damaged
- 17,000 housing units damaged
- 7 logistics companies destroyed
- Transportation stations/hubs destroyed
- Structural damage to buildings over 5 miles away

TAB VIII B

MEMORANDUM

DATE: October 29, 2015, 2015
TO: Northeast Florida Local Emergency Planning Committee
FROM: Eric B. Anderson, LEPC Staff
RE: 2015 Regional HazMat Exercise

The District 4 Local Emergency Planning Committee (LEPC) conducted a full-scale hazardous materials exercise at the Clay Port/Reynolds Park in Green Cove Springs on September 10th. This HazMat exercise brought together 4 regional HazMat teams (Clay County Fire/Rescue, Gainesville Fire/Rescue, Jacksonville Fire/Rescue, & St. Johns County Fire/Rescue), along with Nassau County Fire/Rescue and the Florida Department of Environmental Protection to exercise their capabilities and coordination in response to a major HazMat Incident.

The scenario for the exercise was a major transportation accident on US 17. Several of the vehicles involved in the accident were carrying various types of hazardous materials, which all posed different risks to the public and the environment. This type of accident resulted in a call for all regional HazMat resources to assist in the response.

The exercise planning team set up 6 HazMat stations located along a road within Clay Port/Reynolds Park. The responders were then required to integrate teams, assess and prioritize the response based on identified chemical hazards, and mitigate any leaks or spills in a timely and efficient manner.

A “BIG” thank you goes out to Gate Petroleum who provided a free tanker truck, AA Propane for providing free LP gas and props, the Red Cross for providing free food and refreshments, and Ron Hildum for free drone filming services.

- An Exercise video was produced to highlight our response teams, and for use in public education and outreach activities. CDs with the video are available through the LEPC staff.
- Following the video, a presentation will be made on the Exercise After-Action Report and Improvement Plan (AAR-IP).



After Action Report September 10, 2015

This Full Scale Exercise was developed to test and exercise Districts 3 and 4 Local Emergency Planning Committee (LEPC) Emergency Response Plan for Hazardous Materials. This exercise was completed with funds from the Hazardous Materials Emergency Preparedness (HMEP) grant.



*Obscured
By Smoke
Full Scale
Hazardous
Materials
Exercise*

Handling Instructions

The title of this document is the *After Action Report, Obscured by Smoke Full Scale Hazardous Materials Exercise, September 10, 2015*. Reproduction of this document, in whole or in part, without the prior approval of the District 3 or 4 Local Emergency Planning Committees (LEPCs) is prohibited.

This document should be safeguarded, handled, transmitted, and stored in accordance with appropriate State of Florida document safeguarded as required by Chapter 119, Florida Statutes for public safety plans. This document should not be released to individuals that were not participants of the exercise or other public sector public safety agencies. Information herein was prepared for the exclusive use of planners and persons involved in planning and execution of the exercise.

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SECTION 1: EXERCISE OVERVIEW

Exercise details

Exercise Name	Obscured by Smoke
Exercise Dates	Thursday, September 10, 2015
Scope	This is a full-scale exercise, planned for 4.5 hours at the Clay County Port - Reynolds Park in Green Cove Springs, FL. This is a multi-regional exercise with hazmat response teams participating from both LEPC Districts 3 and 4.
Mission Area(s)	Response
Core Capabilities	<ul style="list-style-type: none">• Operational Communication• Operational Coordination• Environmental Response/Health and Safety• On-Scene Security and Protection
Objectives	<ol style="list-style-type: none">1. Perform a multi-agency response to test communications resources and interoperability2. Establishment of incident command3. Accident/site assessment to determine hazards4. Exercise exposure controls
Threat/Hazard	Unidentified Hazardous Materials threats resulting from numerous traffic crashes.
Scenario	Smoke from a nearby wildfire has caused visibility to drop on US 17 near Green Cove Springs, FL. Although visibility has dropped, the road remains open. A minor traffic accident, along with smoky conditions, has led to a major pileup. Over 100 vehicles are involved in the pileup. Many of the vehicles involved are reported to be carrying hazardous materials.
Sponsors	Districts 3 and 4 Local Emergency Planning Committees. This exercise is being conducted as HMEP Planning Projects and as biennial exercises for each LEPC.

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Homeland Security Exercise and Evaluation Program (HSEEP)

**After-Action Report/
Improvement Plan (AAR/IP)**

**Districts 3 and 4 LEPCs Multi-Regional Full Scale
Hazardous Materials Response Exercise**

**Participating
Organizations**

Clay County Fire/Rescue
Gainesville Fire/Rescue
Jacksonville Fire/Rescue
Nassau County Fire/Rescue
St. Johns County Fire/Rescue
Florida Department of Environmental Protection
Clay County Environmental Services/Clay County Sheriff's Office

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Introduction

Local Emergency Planning Committees (LEPCs) in Florida are required to complete an exercise of their Comprehensive Emergency Management Plan for Hazardous Materials (Response Plan) at least every two years.

The planning for this full scale exercise began in October 2013 when LEPC District 4 began planning a hazmat response tabletop exercise. Based on the results of the tabletop, the consensus of the group was to develop a scenario for a full scale exercise to be conducted the following year, based on the lessons learned from the 2014 tabletop.

It was decided at the initial planning meeting that this full scale exercise should be multi-regional. As a result, Gainesville Fire Rescue from the adjacent LEPC District 3 was invited to participate. All of the response agency hazmat teams are recognized as regional response resources by the Northeast Florida Regional Domestic Security Task Force (RDSTF). RDSTF Region 3 includes Gainesville Fire Rescue as one of the RDSTF region's three funded Hazmat Teams and they play an integral role in regional response, although the LEPC districts are different.

Objectives & Core Capabilities

The following exercise objectives in Table 1 describe the expected outcomes for the exercise. The objectives are linked to core capabilities, which are distinct critical elements necessary to achieve the specific mission area(s). The objectives and aligned core capabilities were guided and selected by the Exercise Planning Team.

Exercise Objective	Core Capability
Perform a multi-agency response to test communications resources and interoperability	Operational Communication
Establishment of Incident Command	Operational Coordination
Accident/site assessment to determine hazards	Environmental Response/Health & Safety
Exercise exposure control	On-Scene Security and Protection

Table 1: Exercise Objectives and Associated Core Capabilities

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SECTION 2: EXERCISE DESIGN

The exercise was designed around aspects of the Response Phase of a hazardous materials release. The following Core Capabilities and Exercise Objectives were selected by the planning team to be tested during this exercise. Then six different hazmat release scenarios were developed. With a variety of different team working together, it was left up to the responders to decide how to break up the various tasks and responsibilities.

Core Capabilities

- On-Scene Security and Protection
- Environmental Response/Health and Safety
- Operational Coordination
- Operational Communication

Exercise Objectives

- Perform a multi-agency response to test communications resources and interoperability
- Establishment of incident command
- Accident/site assessment to determine hazards
- Exercise exposure controls

Scenario

Smoke from a nearby wildfire has reduced visibility along US 17 in Clay County. An inversion layer has trapped most of the smoke near the ground during the early morning commute, making it difficult to see. Although visibility has been significantly reduced, US 17 remains open to traffic.

Two vehicles have had a minor fender-bender and are pulled off on the shoulder to look at the damage and exchange insurance information. While the drivers were exchanging information another vehicle ran into the rear of the parked cars on the shoulder. This impact has caused the three cars to veer back onto the highway and spread across the north and south lanes of US 17.

Vehicles entering the smoke covered road from the northbound and southbound lanes do not have an opportunity to reduce speed and brake for the three damaged vehicles spread across US 17, and this has resulted in a major pileup of over 100 vehicles. The major accident and continued threat of smoke from the nearby wildfire have turned this into a regional event. Response agencies from neighboring jurisdictions have been called in to assist in the response and recovery.



Figure 1: Thermal Inversions Can Cause Deadly Smoke

An initial responder has called in saying that there has been a major pile-up on US 17. The responder has estimated there are over 100 vehicles involved in the crash. Additionally, the responder has reported observing multiple vehicles with hazardous chemicals in the pile-up.



Figure 2: Exercise Layout

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Homeland Security Exercise and Evaluation Program (HSEEP)

**After-Action Report/
Improvement Plan (AAR/IP)**

**Districts 3 and 4 LEPCs Multi-Regional Full Scale
Hazardous Materials Response Exercise**

Time	Personnel	Activity	Location
September 10, 2015			
7:00am	Controllers, evaluators and exercise staff	Check-in for site setup, final instructions and communications check	Clay County Port - Reynolds Park
9:15am	Controllers and evaluators	Controllers and evaluators in starting positions	Clay County Port - Reynolds Park
9:15am	All	Controllers provide player briefs	Clay County Port - Reynolds Park
9:30am	All	Exercise starts	Clay County Port - Reynolds Park
1:30am	All	Exercise ends	Clay County Port - Reynolds Park
1:30pm-2pm	All	Venue Hot Wash/turn in all Participant Feedback Forms	Clay County Port - Reynolds Park
Immediately Following the Hot Wash	Exercise Planning Team, Controllers, & Evaluators	Controller and Evaluator After Action Review/Observations/Notes	Clay County Port - Reynolds Park

Table 2: Exercise Schedule

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SECTION 3: ANALYSIS OF CAPABILITIES

Aligning exercise objectives and core capabilities provides a consistent taxonomy for evaluation that transcends individual exercises to support preparedness reporting and trend analysis. Table 1 includes the exercise objectives, aligned core capabilities, and performance ratings for each core capability as observed during the exercise and determined by the evaluation team.

Objective	Core Capability	Performed without Challenges (P)	Performed with Some Challenges (S)	Performed with Major Challenges (M)	Unable to be Performed (U)
Perform a multi-agency response to test communications resources and interoperability	Operational Communication		S		
Establishment of an Incident Command	Operational Coordination		S		
Accident/site Assessment to determine hazards	Environmental Response/Health & Safety		S		
Exercise Exposure Control	On-Scene Security and Protection		S		

Ratings Definitions:

Performed without Challenges (P): The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws.

Performed with Some Challenges (S): The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws. However, opportunities to enhance effectiveness and/or efficiency were identified.

Performed with Major Challenges (M): The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s), but some or all of the following were observed: demonstrated performance had a negative impact on the performance of other activities; contributed to additional health and/or safety risks for the public or for emergency workers.

Unable to be Performed (U): The targets and critical tasks associated with the core capability were not performed.

Table 3: Summary of Core Capability Performance

The following sections provide an overview of the performance related to each exercise objective and associated core capability, highlighting strengths and areas for improvement.

Objective 1: Perform a multi-agency response to test communications resources and interoperability

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Core Capability: Operational Communication

Strengths

Strength 1: All agencies were able to use common frequencies to establish communications among all the response agencies. A meeting was conducted before the exercise and common frequencies were determined. This assisted in quickly allowing mutual aid responders to talk with incident command.

Strength 2: The Emergency Operations Center was not activated for this event. Incident Command was contacting other supporting agencies through the local Clay County Fire Rescue dispatch. This allowed timely updates to off-site officials regarding the response efforts and the coordination of notifications regarding evacuation and sheltering in-place decisions.

Strength 3: Due to the need for additional personnel, the Incident Commander and Hazardous Materials Operations person acted as a communications liaison. A communications plan was already formed and in place before the start of the exercise. The ICS 205 form was used in the beginning but, it was determined that there was a better way to assign the frequencies and those changes were made.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: It may be an exercise artificiality that a multi-agency communications plan was developed prior to the exercise. It was discussed that perhaps it may be more realistic to let the responders develop a plan at the scene. There was a need to conduct a face-to-face radio check.

Analysis: Hazmat Team Interoperability was resolved several years ago around 2009 when the State DEM/SFM established licensed UHF frequencies for each regional Hazmat Team to use and funded SHSGP funds to buy 15-16 radios per team to eliminate the radio communication issue. This was tested and corrected 3 years ago during a previous exercise in Green Cove

Springs. Corrections were made to frequency programming to have this capability by all the teams. The ability to use State resources designed for interoperability was not chosen because at the onset of an emergency they would not be available yet. The teams chose to try using the Statewide 800 MHz mutual aid frequencies. Doing a face to face radio check when units arrived on scene allowed any radio communication problems to be resolved immediately.

Area for Improvement 2: There were some issues swapping radios between “direct” and “repeated channels.” During a large scale incident, there would likely be a command bus with enhanced communications capabilities.

Analysis: The 800 MHz Motorola direct verses repeater selection is a training issue for each agency. Since this radio function is seldom, if ever used, training and exercise is critical for understanding and operation. Each Team has their own radio capability, but the ability for each team leader to communicate with IC is critical. Teams that operate together can either provide radios for the other team members or choose a common frequency.

Objective 2: Establishment of an Incident Command

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Core Capability: Operational Coordination

Strengths

The capability level can be attributed to the following strengths:

Strength 1: The first arriving unit was able to establish incident command, and command was transferred to Battalion Chief. Early priorities included assigning a Hazardous Materials Operations Branch and determining the initial isolation zone. Florida Department of Environmental Protection was brought in as part of Operations to provide provided technical expertise to the command staff regarding the chemical properties and environmental impacts.

Strength 2: The Incident Command structure was used to coordinate resource requests and deployment. A staging area and operation was established to facilitate the coordination of units arriving from: Clay County, Jacksonville/Duval County, Nassau County, St. Johns County, and the City of Gainesville.

Strength 3: The Incident Command was able to function effectively considering the scope of the incident and the need for additional personnel. This included maintaining span and control, expanding jobs as needed, and making decisions on hazard mitigation. The incident command also successfully managed several real world medical issues.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: A more formal system of record keeping would have been useful to convey information on the locations of hot, warm and cold zones; type and quantities of hazardous materials involved in the accident; and off-site public safety decisions.

Analysis: Additional exercises should be conducted on a regular basis to provide practice with the various agencies working together. Each LEPC should consider hosting classes on hazardous materials incident management.

Area for Improvement 2: Operational coordination at a large scale incident provided challenges for command staff due to the multiple hazmat releases occurring simultaneously.

Analysis: Additional exercises, both tabletop and functional should be conducted to better prepare Company Officers and Command Staff to assume command at large incidents. Providing the ability for each shift to experience the functional exercise over a three day period would be beneficial. Due to realistic props used this could provide expanded training opportunities for each agency.

Objective 3: Accident/Site Assessment to determine hazards

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Core Capability: Environmental Response/Health and Safety

Strengths

The capability level can be attributed to the following strengths:

Strength 1: The various fire departments were able to work together as a team to identify the nature and locations of the hazards. All of the hazardous materials were identified by the UN Numbers on the vehicles and by the labels on the containers. All materials were properly identified.

Strength 2: The safety of the responders was a priority considering the complicated nature of the scenario and the number of vehicles involved. The appropriate types and levels of personal protective equipment (PPE) were properly identified. This was done right away by the initial

crews, and if needed, the appropriate supporting documents were at hand (ERG, etc.) to further research the need for additional PPE.

Strength 3: Staff from the Florida Department of Environmental Protection assisted with identifying potential exposure pathways for humans and the environment. Shipping papers were read to initially identify the contents of the box truck, which had the greatest variety of hazardous materials present.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: The response planning could have benefited from a formal research section to identify priorities to protect public health, safety, and the environment. The decision to identify areas where people should have been evacuated or asked to sheltering in-place should have been supported by meter reading and use of chemical plume models from ALOHA for the justification of public safety decisions.

Analysis: The LEPC should conduct a class that uses the scenarios from this exercise to focus on research and modelling vulnerable areas. This should include identifying potential reactions between the multiple chemicals that were spilled. Reactivity of chemicals can also be analyzed with CAMEO Chemicals software, which is included in the CAMEO Suite and ALOHA Plume Modeling software provided free from the US EPA.

Area for Improvement 2: Some living victims were left in hot zone for a prolonged time prior to removal from the hazard. Training is needed on when to conduct immediate rescues.

Analysis: The initial priorities of the recon team should be: Responder Safety, Chemical identification, and immediate rescue that can be accomplished without causing harm. This could have been easily accomplished with using hose lines, appropriate PPE, and gross decontamination.

Training should be conducted on when to conduct immediate rescues. Water spray can be used to move the plume off the patient to allow “grab and go” followed with gross decontamination. The training would need to discuss what chemicals this can be conducted safely with bunker gear.

Objective 4: Exercise Exposure Control

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Core Capability: On-Scene Security and Protection

Strengths

The capability level can be attributed to the following strengths:

Strength 1: Incident Command used information gathered in Site Assessment to establish vulnerability zones. Once the identity of the chemical was known the maximum vulnerability zone was established by the Battalion Chief/IC via use of the ERG. There was some confusion on whether this was a small spill or a large spill, which has impacts on the isolation distances. No downwind or area air monitoring was requested, and no plume modeling was requested by the IC. Any of these would have been useful in making evacuation vs. shelter-in-place decisions, as well as qualifying isolation distances. The initial isolation zone was set at 1,500 feet with a downwind isolation of 1.9 miles.

Strength 2: The IC requested shelter-in-place for businesses within the vulnerability zone. The IC based this on location of businesses within the zone, wind direction, and available resources on scene to mitigate the primary hazard of the one ton chlorine cylinder. Unfortunately, downwind or area air monitoring was not used so there was no way to verify the effectiveness of the protection actions that were enacted.

Strength 3: The IC requested that LEA create a buffer zone by closing off roadways that accessed the area of vulnerability, and to make contact with the few local businesses in the vulnerability zone. No critical facilities were identified within the vulnerability zone.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: No downwind or area air monitoring was observed, and no plume modeling was requested by the IC. These would have been useful in making evacuation vs. shelter-in-place decisions, as well as qualifying isolation distances.

Analysis: The LEPC should conduct a class that uses the scenarios from this exercise to focus on research and modelling vulnerable areas. This should include identifying potential reactions between the multiple chemical which were spilled. Identifying and documenting vulnerable areas and shelter in-place versus evacuation decisions should be included in this class.

Area for Improvement 2: There was a delay of 20 minutes in identifying initial isolation zones. Isolation zones were only established once the identity of the chemical was known. Additionally, no area or downwind air monitoring took place during this event, and plume

modeling was not attempted. The lack of air monitoring and recognition for the need for rapid entry for rescue could have led to more injuries within the accident scene.

Analysis: The LEPC should conduct a class that uses the scenarios from this exercise to focus on research and modelling vulnerable areas. This should include identifying potential reactions between the multiple chemical which were spilled. Identifying and documenting vulnerable areas and shelter in-place versus evacuation decisions should be included in this class.

Hazmat Scenario 1: One-Ton Chlorine Cylinder

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Strengths

Strength 1: The Team was able to successfully stop the leaking one-ton cylinder of chlorine. The team applied a “B” kit to stop the leak. They were able to roll the tank to change the leak from a liquid to a gas, which greatly reduces the hazard and potential offsite impacts.

Strength 2: The responders were able to use a water fog to help knock down the cloud and move it away from where the team was working to stop the leak.

Strength 3: This was the only scenario that required a level “A” suit. The team was able to successfully complete their task while wearing this level of PPE.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: The hazmat team could use additional practice with applying the “B” kit. They committed a few minor errors, such as not loosening the bolts prior to entry and had some difficulty with the gasket.

Area for Improvement 2: The initial entry team could have used additional personnel and a back-up Rapid Intervention Team (RIT). There was a victim on the ground that could have been rescued by quickly dragging them out, but was allowed to remain next to the container for an additional hour. This may have been an exercise artificiality where it was not apparent the victim was still alive.



Figure 3: One-Ton Chlorine Container

Hazmat Scenario 2: Leaking Drums in Box Truck

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Strengths

Strength 1: The entry team was able to find the shipping papers and identify the various hazardous drums, boxes and bags of cargo.

Strength 2: The responders determined that there were no immediate hazards as large as the hazards presented by the leaking one-ton cylinder of chlorine or the leaking gasoline tanker truck.

Strength 3: The responders were able to stop a leak in one of the drums.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: The shipping papers were not retrieved from the truck to facilitate further research. They were read over the radio and then left in the truck. It was anticipated that Safety Data Sheets would be requested, and that CAMEO Chemicals software would be used to identify potential reactions from the mixing of the various chemicals.



Figure 4: Leaking Drums in Box Truck

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Hazardous Materials Response Exercise

**After-Action Report/
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Hazmat Scenario 3: Diesel Tanker Truck

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Strengths

Strength 1: The entry team identified the hazardous cargo as UN 1993, and successfully applied a foam blanket to mitigate the hazards by reducing the generation of flammable vapors. An initial problem with low water pressure was resolved.

Strength 2: The team was able to control the flow of foam and make adjustments to create a foam blanket over the spill. They knew the setting for using 16-17 gallons per minute with five gallon buckets.

Strength 3: Used leak control measures including trying to shut off the valve and applied a dome clamp (separate but related scenario)

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: There did not appear to be an ongoing air monitoring program. It was decided that was not needed due to the product.

Area for Improvement 2: The vehicle was not fully inspected for other damage.



Figure 5: Diesel Tanker Truck

Hazmat Scenario 4: MCC 306 Dome Simulator

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Strengths

Strength 1: The entry team identified the hazardous cargo as UN 1993 and successfully applied a foam blanket to mitigate the hazards by reducing the generation of flammable vapors. An initial problem with low water pressure was resolved.

Strength 2: The team was able to apply the dome clamp after an extended effort. They did a great job and did not give up.

Strength 3: The responders were able to work in an area that was covered in foam.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: Additional practice would be helpful using the dome clamps.

Area for Improvement 2: The work area was not foamed prior to the team working on the dome. This may have been an exercise artificiality.



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Districts 3 and 4 LEPCs Multi-Regional Full Scale
Hazardous Materials Response Exercise

**After-Action Report/
Improvement Plan (AAR/IP)**



Figure 6: MCC 306 Dome Simulator

Hazmat Scenario 5: Liquid Propane (LP) Truck Burn Off

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Strengths

Strength 1: The approach was from cross or upwind using air monitoring to identify potential hazards and hot zone. They inspected the LP cylinders for damage or leakage (only as close as their hazard assessment dictates). Actions were taken to convert a liquid leak to a vapor leak.

Strength 2: Crew members were utilizing multi-gas meters during operations.

Strength 3: An assortment of flare off methods to remove LP from tank since leak was not repairable. Multiple departments used their own equipment to accomplish this task.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: This is an important skill and should be practiced on a periodic basis.



Figure 7: Liquid Propane (LP) Truck Burn Off

Hazmat Scenario 6: Leaking Pesticide Tote

The strengths and areas for improvement for each core capability aligned to this objective are described in this section.

Strengths

Strength 1: The crew approached from cross or upwind using air monitoring to identify potential hazards, approach only as close as necessary to identify the hazards present.

Strength 2: The crew inspected the Tote for damage or leakage (only as close as their hazard assessment dictates).

Strength 3: Crew assessed the puncture of the tote. Initial mitigation used plug-n-dike. After considering the possibility of the technique failing, the crew decided to utilize straps for a more permanent mitigation technique.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: Techniques to decrease the spread were not utilized by the recon team. This includes confinement methods to decrease the spread of the contaminant or reduce or stop the contaminant from entering waterways, storm drains, manholes, etc.

Area for Improvement 2: Crew required some prompting to look in the cab of the vehicle to help identify material. Shipping papers were not brought back to command. Documentation was left in the vehicle.



Figure 8: Leaking Pesticide Tote

APPENDIX A: IMPROVEMENT PLAN MATRIX

Core Capability	Issue/Area for Improvement	Corrective Action	Primary Responsible Organization	Organization POC	Completion Date
Operational Communication	All agencies need to use a common frequency to establish communications with incident command. There were issues with using direct and repeated channels.	Interoperable communications should be tested in future exercises to ensure that arriving teams can communicate with incident command.	Regional Hazardous Materials Response Teams.	Each Hazmat Team leader.	June, 2016
Operational Coordination	A more formal system of record keeping would have been useful to convey information on the locations of hot, warm and cold zones; type and quantities of hazardous materials involved in the accident; and off-site public safety decisions.	Additional exercises should be conducted on a regular basis to provide practice with the various agencies working together. Each LEPC should consider hosting classes on hazardous materials incident management.	District 4 LEPC	Eric Anderson	June, 2016

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 Homeland Security Exercise and Evaluation Program (HSEEP)
After-Action Report/ **Districts 3 and 4 LEPCs Multi-Regional Full Scale**
Improvement Plan (AAR/IP) **Hazardous Materials Response Exercise**

Core Capability	Issue/Area for Improvement	Corrective Action	Primary Responsible Organization	Organization POC	Completion Date
Environmental Response/Health and Safety	The response planning could have benefited from a formal research section to identify priorities to protect public health, safety, and the environment. The decision of area for evacuation or sheltering in-place should have been supported by meter reading and chemical plume models from ALOHA.	<p>The LEPC should conduct a class that uses the scenarios from this exercise to focus on research and modelling vulnerable areas. This should include identifying potential reactions between the multiple chemical which were spilled.</p> <p>Training should be conducted on when to conduct immediate rescues. Water spray can be used to move the plume off the patient to allow “grab and go” followed with gross decontamination.</p>	District 4 LEPC	Eric Anderson	June, 2016
On-Scene Security and Protection	No downwind or area air monitoring was observed and no plume modeling was requested by the IC. These would have been useful in making evacuation vs. shelter-in-place decisions as well as qualifying isolation distances.	The LEPC should conduct a class that uses the scenarios from this exercise to focus on research and modelling vulnerable areas. This should include identifying potential reactions between the multiple chemical which were spilled. Identifying and documenting vulnerable areas and shelter in-place versus evacuation decisions should be included in this class.	District 4 LEPC	Eric Anderson	June, 2016

TAB X

MEMORANDUM

DATE: October 29, 2015
TO: Northeast Florida Local Emergency Planning Committee
FROM: Eric B. Anderson, LEPC Staff
RE: Next Meeting of the LEPC

The next meeting of the Northeast Florida 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 10, 2016.

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