



# FACILITY DISASTER PLANNING SUBCOMMITTEE

## *RECAP*

October 22, 2014 Meeting

---

LEPC District VIII, 4000 Gateway Centre Blvd., Suite 100, Pinellas Park, FL 33782 - 727/570-5151, Staff Contact: John Meyer

---

**Attendees Present** - Rick Walker (LEPC Member/Pinellas County Emergency Mgmt.), Ed Kinley (LEPC Member/U.E.S.), Gary Dunmeyer (Harcros Chemicals), Jeff Hargrove (Fiberglass Coatings Inc./“FGCI”), Rishi Vasudeva (FGCI) and John Meyer (LEPC Staff).

Please note that text appearing as **red** (if and where applicable) symbolizes an item which requires future action. **Blue** text (if and where applicable) serves as an update or recognition of action which has transpired since the meeting.

### 1. INTRODUCTIONS

### 2. ANNOUNCEMENTS AND/OR OVERVIEW OF LAST FACILITY DISASTER PLANNING SUBCOMMITTEE (FDPS) MEETING

Mr. John Meyer acknowledged that a *Recap* of the July 23, 2014 FDPS meeting was previously transmitted to Subcommittee members via e-mail, posted to the LEPC website and acknowledged that additional handouts were available for all in attendance. Mr. Meyer proceeded to summarize the following items discussed at the last meeting:

- **Quarterly SERC Meeting Recap** (Reappointing Chief Don Sessions TTF Chair, Hazmat Symposium progress, Mary Hartney presentation regarding Fertilizer Industry initiatives, FDEM’s use of GATOR [Geospatial Assessment Tool for Operations & Response], availability of real-time & historic data regarding Type I rail operations, farewell to FDEM staff member Tim Date, and status update of FY 2014-15 HA Contract)
- **Identification of (then) recent LEPC Initiatives** (“Hightide” Regional Exercise Chronology/Photos and “Community Day” @ DeSOTO PARK in TAMPA [June 14, 2014])
- **Progress towards County-specific (if applicable) data and resources for All-Hazards Guide for Businesses.**

### 3. OVERVIEW OF OCTOBER 2-3, 2014 SERC MEETINGS

Mr. Meyer identified the following as highlights to the April 4<sup>th</sup> SERC meeting:

#### Training Task Force

- Workshop between Coast Guard, Private Industry, Cruise Lines & local Hazmat Teams to allow consolidated response to offshore incident(s) has been scheduled for October 30<sup>th</sup> at the State EOC.
- All Florida Hazmat teams are responsible for self-assessing their capabilities. Matt Marshall (Cape Coral Fire Department) & Scott Chapell (Florida State Fire College) have offered to assist with conducting the self-assessments. Pinellas County Hazmat Team's self-assessment was been scheduled for October 30<sup>th</sup>.
- Chief Mike Murphy identified that there are some newly-proposed fire regulations worthy of watching which would have a significant impact of volunteer fire departments.
- Each year the Florida Association of Hazardous Materials Responders presents a "Hazardous Materials Responder of the Year" in conjunction with the Fire Rescue East Conference. Matt Marshall identified that nominations are currently being solicited
- Hazmat Symposium update and changes (Jan. 21-23, 2015):

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
8:00 - 9:45	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 1 Forest Willis/ Bradford Benggio/ Rodney Elkins Room 204A	HazMat 101 Part 1 Toby Bavelacqua Room 204B	Competition Room Presenter TBD Room 102A	Competition Room Presenter TBD Room 101A	Competition Room Presenter TBD Room 101B	Competition Room Presenter TBD Room 101C
10:00 - 11:45	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 2 Forest Willis/ Bradford Benggio/ Rodney Elkins Room 204A	HazMat 101 Part 2 Toby Bavelacqua Room 204B	Competition Room Presenter TBD Room 102A	Competition Room Presenter TBD Room 101A	Competition Room Presenter TBD Room 101B	Competition Room Presenter TBD Room 101C
11:45 - 1:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1:00 - 2:45	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 3 Forest Willis/ Bradford Benggio/ Rodney Elkins Room 204A	HazMat 101 Part 3 Toby Bavelacqua Room 204B	Competition Room Presenter TBD Room 102A	Competition Room Presenter TBD Room 101A	Competition Room Presenter TBD Room 101B	Competition Room Presenter TBD Room 101C
3:00 - 5:00	USCG Introduction to Oil Spill Response for Fire Service and Public Safety Part 4 Forest Willis/ Bradford Benggio/ Rodney Elkins Room 204A	HazMat 101 Part 4 Toby Bavelacqua Room 204B	Competition Room Presenter TBD Room 102A	Competition Room Presenter TBD Room 101A	Competition Room Presenter TBD Room 101B	Competition Room Presenter TBD Room 101C

Revised: 10/2/14

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

Revised: 10/2/14

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 Carl Wilcox Room 204A	Emergency TX for Radiation Emergencies Part 1 Dave Withers Room 204B	Research Boot Camp Emanuel Washington Room 201A	Level A in suit Emergency Part 1 Paul Seifritz/ Chris Cahill/ Jesse Crews Room 201B	Hazardous Analysis (Repeat Session) FCSM Room 201C	Water Injection into Propane Vessels for Leak Containment Assistance Part 1 Ron Gore/ James Wright, III Room 202C
10:00 - 11:45	Propane Emergency Training Part 2 Carl Wilcox Room 204A	Emergency TX for Radiation Emergencies Part 2 Dave Withers Room 204B	Dangers of Homemade Hydrogen Based Fuels Rick Ship Room 201A	Level A in suit Emergency Part 2 Paul Seifritz/ Chris Cahill/ Jesse Crews Room 201B	Hazardous Analysis (Repeat Session) FCSM Room 201C	Water Injection into Propane Vessels for Leak Containment Assistance Part 2 Ron Gore/ James Wright, III 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

Revised: 10/2/14

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
8:30 - 10:30	Pressurized Leak Control A-B-C Kits Burtch Loademilk Room	Non-Pressurized Leak Control Paul Seifritz Room	Rapid Chemical Risk Assessment Douglas Wolfe Room	Pipe and Flange Leak Control Christopher Cahill Room
10:30 - 12:30	Pressurized Leak Control A-B-C Kits Burtch Loademilk Room	Non-Pressurized Leak Control Paul Seifritz Room	Rapid Chemical Risk Assessment Douglas Wolfe Room	Pipe and Flange Leak Control Christopher Cahill Room
12:30 - 1:00	LUNCH	LUNCH	LUNCH	LUNCH
1:00 - 3:00	Pressurized Leak Control A-B-C Kits Burtch Loademilk Room	Non-Pressurized Leak Control Paul Seifritz Room	Rapid Chemical Risk Assessment Douglas Wolfe Room	Pipe and Flange Leak Control Christopher Cahill Room
3:00 - 5:00	Pressurized Leak Control A-B-C Kits Burtch Loademilk Room	Non-Pressurized Leak Control Paul Seifritz Room	Rapid Chemical Risk Assessment Douglas Wolfe Room	Pipe and Flange Leak Control Christopher Cahill Room

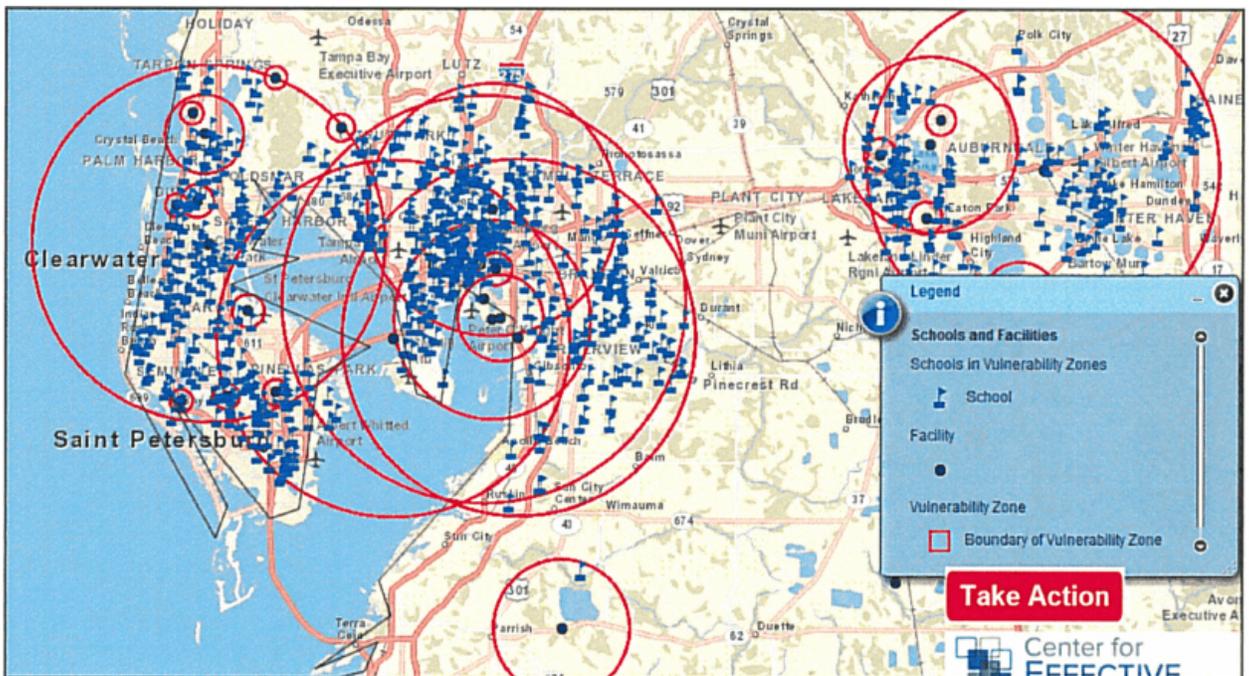
Revised: 10/2/14

## LEPC Staff & Chairs

- Hazards Analyses Working Group Recommendations and status. The Hazards Analysis Working Group identified concerns with the initial Hazards Analyses Contracts. The concerns included the lack of payment if submittal included error(s), the lack of time limitations for FDEM to review submittals and provide input or acceptance... It is alleged that these issues have subsequently been resolved.
- HMEP Program Grant. Guidance/clarification was provided regarding expenses which can and cannot not be encumbered under the HMEP grant program.
- FDEM addressed the fact that all of the LEPCs had not received reimbursements/payments regarding the HMEP grant program since January 2014. Payments have subsequently been received since the SERC meetings.
- Promotion/Encouragement of more hazmat teams participating in competition. While last year's hazmat team competition consisted solely of three teams from the Orlando area, this year's competition has already received the commitment of nine teams and that is likely to increase. In addition, participation will be from teams across the State.
- Can add "state defined" fields to E-Plan submittals (e.g. Do you have a hazmat team? What are the company's hours of operation?)

## State Emergency Response Commission

- Overview of Hazards Analyses Contracts & Changes (see above).
- Paul Wotherspoon identified that the Center for Effective Government recently completed a Study entitled "Kids in Danger Zones." The Study assessment surveys the location of Risk Management Plan facilities in proximity to public schools and their corresponding vulnerabilities.



- Update (then) of Florida's preparedness for Ebola and other viruses.

#### 4. RECENT LEPC INITIATIVES

Mr. Meyer characterized the following recent activities undertaken by LEPC staff:

- **HMEP Planning/Training Grant.**
- **HMEP Training Needs Assessment Survey.**
- **HMEP Planning Project - Commodity Flow Study.** LEPC District 8 staff has elected to conduct of a Commodity Flow Study as the annual HMEP planning project for FY 2014-15. Grant language does not specify that such Study must be conducted for the entire District nor does it specify that all modes of transportation shall be assessed. LEPC staff will therefore determine location(s) and mode(s) to transit to be assessed.

#### 5. COUNTY-SPECIFIC “ALL HAZARDS GUIDE FOR BUSINESSES.”

The FDPS embarked on the development of an electronic database of resources and links designed to assist the business community in preparing/improving their Contingency Plans, Continuity of Operations Plans and Disaster Recovery Plans regarding a variety of natural and manmade hazards. Those hazards consist of: Hazardous Materials, Severe Weather (i.e. Hurricanes, Tornados, Thunderstorms/ Lightning & Freshwater Flooding), Fires, Terrorism/Violence in Workplace, Cyberterrorism and Civil Disorder.

**Following a definition and picture of each of these hazards, working links will be established for each of the referenced resources.** Facility plans can be established/bolstered to address such topics as: resource supply chain information, mutually-beneficial pre-coordination between facilities & government in order to establish prioritization; notification of their suppliers, if appropriate, of closed transportation networks so alternate routes can be determined; potential risk posed by adjacent (or nearby) Section 302 facilities; and need to address temporary housing for employees.

The following constitutes the work product at this point:

### All Hazards Guide for Businesses: Planning for Risks

*This Resource Manual is designed to assist businesses with the development of more thorough Disaster Plans by identifying data and resources associated with a variety of man-made and natural hazards perhaps not previously considered.*





Tampa Bay Local Emergency Planning Committee  
Facility Disaster Planning Subcommittee  
4000 Gateway Centre Blvd., Suite 100  
Pinellas Park, FL 33782

### Business Disaster Planning



**Contingency Planning**  
Overview – development of alternate set of procedures to be utilized in the event the traditional/typical methods no longer work, either on a temporary or a permanent basis.

**Continuity of Operations**  
Overview – Resource Supply Chain, Necessary pre-Coordination & pre-Communication between facilities & government resources to establish prioritization. Facilities notify their suppliers of closed transportation networks so alternate routes can be determined.

**Disaster Recovery**  
Overview- Assess impact(s) to hazardous materials facilities and potential need for mitigation. May need to address temporary housing.

**FBDSK**  
State Resources  
County Resources  
Insurance Co. Applications

**SecureFlorida.org**  
FloridaDisaster.org

## Hazardous Materials



Public awareness of the potential danger from accidental releases of hazardous substances heightened over the years as serious chemical accidents occurred around the world. The *Superfund Amendments and Reauthorization Act* ("SARA Title III") in 1986 and the *Emergency Planning and Community Right-to-Know Act* (EPCRA) in 1988 were enacted to: improve chemical safety, protect public health, protect the environment and increase public awareness.

## HAZARDOUS MATERIALS



### Resource Links:

#### PLANNING

EPA List-of-Lists  
EPCRA/Sara Title III  
LEPC/SERC  
OSHA/HAZWOPER  
National Weather Svc./NOAA  
State Watch Office  
National Response Center  
County Emergency Mgmt.  
Hazardous Waste Disposal  
Local Fire Departments  
Medical Facilities  
Local Media

#### RECOVERY

LEPC/SERC  
State Watch Office  
National Response Center  
Hazardous Waste Disposal  
Local Fire Departments  
FL DEP/ Bur. of Emer. Resp.  
Law Enforcement  
USCG  
Medical Facilities  
FDOT  
Local Media  
Stormwater Departments  
County Emergency Mgmt.

## SEVERE WEATHER



### Hurricanes

A hurricane is a type of tropical cyclone or severe tropical storm that forms in the southern Atlantic Ocean, Caribbean Sea, Gulf of Mexico, and in the eastern Pacific Ocean.

All Atlantic and Gulf of Mexico coastal areas are subject to hurricanes. The Atlantic hurricane season lasts from June to November, with the peak season from mid-August to late October.

Hurricanes can cause catastrophic damage to coastlines and several hundred miles inland. Hurricane can produce winds exceeding 155 miles per hour as well as tornadoes and microbursts. Additionally, hurricanes can create storm surges along the coast and cause extensive damage from heavy rainfall. Floods and flying debris from the excessive winds are often the deadly and destructive results of these weather events.

## SEVERE WEATHER



### Tornadoes

Tornadoes are nature's most violent storms. Spawned from powerful thunderstorms, tornadoes can cause fatalities and devastate a neighborhood in seconds. A tornado appears as a rotating, funnel-shaped cloud that extends from a thunderstorm to the ground with whirling winds that can reach 300 miles per hour. Damage paths can be in excess of one mile wide and 50 miles long. Every state is at some risk from this hazard. Some tornadoes are clearly visible, while rain or nearby low-hanging clouds obscure others. Occasionally, tornadoes develop so rapidly that little, if any, advance warning is possible. Before a tornado hits, the wind may die down and the air may become very still. A cloud of debris can mark the location of a tornado even if a funnel is not visible. Tornadoes generally occur near the trailing edge of a thunderstorm. It is not uncommon to see clear, sunlit skies behind a tornado.

## SEVERE WEATHER



### Thunderstorms/Lightning

The Tampa Bay Region is #1 in lightning strikes in the U.S. Your business should be able to handle the occasional power outages and protect your facility from potential fires and strikes.

All thunderstorms are dangerous. Every thunderstorm produces lightning. While lightning fatalities have decreased over the past 30 years, lightning continues to be one of the top three storm-related killers in the United States. In 2010 there were 29 fatalities and 182 injuries from lightning. Although most lightning victims survive, people struck by lightning often report a variety of long-term, debilitating symptoms.

## SEVERE WEATHER



### Freshwater Flooding

Floods are one of the most common hazards in the United States, however not all floods are alike. Some floods develop slowly, while others such as flash floods, can develop in just a few minutes and without visible signs of rain. Additionally, floods can be local, impacting a neighborhood or community, or very large, affecting entire river basins and multiple states.

Flash floods can occur within a few minutes or hours of excessive rainfall, a dam or levee failure, or a sudden release of water held by an ice jam. Flash floods often have a dangerous wall of roaring water carrying rocks, mud and other debris. Overland flooding, the most common type of flooding event typically occurs when waterways such as rivers or streams overflow their banks as a result of rainwater and cause flooding in surrounding areas. It can also occur when rainfall exceeds the capacity of underground pipes, or the capacity of streets and drains designed to carry flood water away from urban areas.

## SEVERE WEATHER



### Resource Links:

#### PLANNING

County-Specific Hurricane Maps  
National Hurricane Center  
National Weather Service  
FloridaDisaster.org  
Ready.gov/Hurricanes  
City websites  
511  
Local Media  
FloridaDisaster.org  
NWS/NOAA  
National Flood Insurance Program

#### RECOVERY

Local Media  
County EM websites  
Florida Evacuates and 511  
Medical Facilities  
American Red Cross  
Local Power Companies (Duke, TECO, FP&L, Withlacoochee, Peace River)

## Fires



Fire is the most frequent hazard affecting businesses. Take steps to protect your facility and your employees. OSHA standards require employers to provide proper exits, fire fighting equipment, emergency plans, and employee training to prevent fire deaths and injuries in the workplace. You can take a few simple precautions which will protect your business and may well preserve the environment you enjoy.

### Links:

#### PLANNING

Local Fire Stations  
Firewise Principles  
County websites  
NFPA

#### RECOVERY

Local Fire Stations  
Local Media

## Terrorism/Violence in Workplace



Throughout human history, there have been many threats to the security of nations. These threats have brought about large-scale losses of life, the destruction of property, widespread illness and injury, the displacement of large numbers of people and devastating economic loss. Responding to the psychological impact to employees should be addressed. Recent technological advances and ongoing political unrest are components of the increased risk to national security.

Additionally, businesses can minimize their risk to violence in the workplace by establishing and maintaining strict hiring practices, anti-violence policies and security procedures as well as a host of other measures.

### Links:

Employee Assistance Plan  
Dept. of Homeland Security  
FDLE

ICISF.org  
FEMA  
FBI.gov

## Cyberterrorism



According to Wikipedia, Cyberterrorism is defined as the use of Internet based attacks in terrorist activities, including acts of deliberate, large-scale disruption of computer networks, especially of personal computers attached to the Internet, by the means of tools such as computer viruses.

For facilities that produce or inventory hazardous materials, the following resources can be used to plan for a cyber attack results in a loss of control of the chemical inventories and/or processes.

### Links:

US-CERT.gov  
CyberTerrorismcenter.org  
FBI.gov

National Cybersecurity  
Preparedness Consortium

## Civil Disorder/Unrest



According to Wikipedia, *civil disorder or civil unrest is a broad term that is typically used by law enforcement to describe one or more forms of unrest caused by a group of people. Civil disturbance is typically a symptom of, and a form of protest against, major socio-political problems; the severity of the action coincides with public expression(s) of displeasure. Examples of civil disorder include, but are not necessarily limited to: illegal parades; sit-ins and other forms of obstructions; riots; sabotage; and other forms of crime. It is intended to be a demonstration to the public and the government, but can escalate into general chaos.*

### Links:

Local Law Enforcement  
FDLE  
Fusion Centers

Dept. of Homeland Security  
Media  
School Systems (County Specific)

6. **FACILITY DISASTER PLANNING SUBCOMMITTEE SCHEDULE FOR 2015.** Keeping the trend of meetings scheduled on the third Wednesdays of January, April, July and October from 11:00 a.m. - 1:00 p.m., the 2015 meeting schedule was announced as: January 21, April 15, July 15 and October 21.

7. **OTHER ISSUES/COMMENTS.**

No other issues or comments were identified by Subcommittee members.

8. **ADJOURNMENT**

Mr. Meyer reminded attendees that the 2015 FDPS meeting dates have recently been established. **The next meeting of the FDPS will occur on January 21<sup>st</sup> from 11:00 a.m. - 1:00 p.m. at the TBRPC/LEPC offices.**

The meeting was adjourned at 12:45 p.m.