

June 24, 2017

Champaign County Local Emergency Planning Committee (LEPC)
Annual Report 2016

The mission of the Champaign County Local Emergency Planning Committee (LEPC) is to fulfill the requirements of the federal regulations regarding Title III of the Superfund Amendment and Reauthorization Act (SARA) of 1986 and to address the public safety concerns of industry and the community regarding hazardous materials. The LEPC is the local body that handles county emergency planning and community right-to-know reporting on hazardous and toxic chemicals.

The Champaign County LEPC is comprised of 25 members from County and City Departments, industry representatives, and community members. Within Champaign County, there are 132 Tier II facilities, including 73 extreme hazard facilities. Champaign County LEPC documents to include reports, facility information, and hazard information are under the supervision of the Champaign County Emergency Management Agency.

The enclosed Annual Report has been developed to provide LEPC members, County leaders, and the citizens of Champaign County with a status update on the progress of the LEPC during the year 2016. The LEPC members look forward to an even more productive year in 2017, one in which community, business, industry, government and the citizenry can all benefit from an evolving partnership in hazardous materials safety.

Respectfully submitted
John Dwyer,
LEPC Chairman

TABLE OF CONTENTS

Mission Statement.....	2
Purpose and Function.....	2
Executive Committee.....	3
2016 Accomplishments.....	4
2017 Goals.....	5
2016 Quarterly Meeting Minutes.....	6
February 2016 Meeting Minutes.....	7
June 2016 Meeting Minutes.....	10
September 2016 Meeting Minutes.....	14
November 2016 Meeting Minutes.....	17

MISSION STATEMENT

The LEPC shall exist to serve as a community forum for issues relating to preparedness for emergencies involving hazardous substances within Champaign County.

PURPOSE AND FUNCTION

The functions and duties of the LEPC are those outlined by the Illinois Emergency Management Agency, in accordance with, but not necessarily limited to the provisions of Title III of the Superfund Amendments and Reauthorization Act of 1986. More specifically the LEPC shall engage in at least the following activities:

1. Conduct regular meetings to address all pertinent issues
2. Maintain a county-wide master inventory of hazardous materials regulated by State and Federal governments as regulated by SARA Title III.
3. Develop and update a Hazardous Material Emergency Response Plan as defined by SARA Title III, Section 303 [42 U.S.C. 11003] Comprehensive Emergency Response Plans.
4. Identify private/public sector resources available to assist with hazardous material emergencies.
5. Review, process and respond to public requests of information.
6. Review, maintain and process all appropriate reports and records, as required by law.
7. Provide information on training programs related to hazardous material safety and emergency response procedures.
8. Coordinate emergency response exercises.
9. Provide expertise and assistance to industries and business upon request.
10. Provide community “out-reach” services on all hazards safety.
11. Research and disseminate emerging legislation relating to hazardous.

It is not and never has been the intent of the LEPC to be a local regulatory, enforcement, permitting, or policy making body or agency. Further, the LEPC shall not be placed in a position to interfere with the permitting process of the State of Illinois.

EXECUTIVE COMMITTEE

Executive Committee (Elected Officers) - The executive committee will comprise of the Chairperson, Vice-Chairperson, and Secretary; nominated and elected by members of the LEPC.

Chairperson - John Dwyer, Champaign County Emergency Management Agency Coordinator

Vice Chairperson – Bill James, Champaign County Emergency Management Agency Deputy Coordinator

Secretary – Thomas Puracchio, Manager, Gas Storage, Manlove Field

2016 ACCOMPLISHMENTS

Throughout the 2016 year, the LEPC membership was steady and the committee remains a viable, functioning committee meeting at minimum quarterly. The committee has great attendance from a broad range of partners to include: law enforcement, industry, public health, healthcare/EMS, college/university, fire, elected officials and emergency management. The biggest highlight for the committee this year is the LEPC completed the work with the Champaign County Regional Planning Committee (RPC) for a County wide commodity flow study. This study was provide to local fire departments and to our surrounding counties for awareness. Finally, the Hazardous Materials Emergency Planning (HMEP) grant was applied for and awarded.

Training and learning opportunities were made available to all committee members throughout the year. All committee members were required to complete the Open Meetings Act training as required by State law. The LEPC was able to fund one person to attend the 2016 Midwest Hazardous Materials Response Conference in April. The LEPC Vice Chair provided a lot of information on industry topics, Galena Train derailment lessons-learned and cyber threats to industry. The Chairman attended the IEMA Summit in September of 2016 held in Springfield; topics included roles and function of LEPCs Cybersecurity and commodity flow studies in which the county flow study was provided to other jurisdiction as an example for their potential studies. Multiple Pipeline trainings were attended by members and first responders throughout the year.

Tier II data was updated into CAMEO to better use the data for planning and response. Tier II map data was shared in a google earth files to the local first responder community for pre-planning and response. Discussion of response and recovery to incidents occur at LEPC meetings regularly as applicable. Outreach and training opportunities continued. The committee also participated in a table-top exercise with respect to its role and awareness of hazardous materials planning and response.

2017 GOALS

The LEPC looks forward to continuing on its path of growth, community safety and community outreach in the 2017 year. It is the goal of the committee that during the 2017 year, it will continue to hold regular quarterly meetings and create subcommittees, as deemed appropriate by the committee. The LEPC will continue to offer training and learning opportunities for the LEPC members and the community with respect to hazardous materials.

It is the goal of the LEPC that it will be able to: continue the creation of and update existing site-specific plans, continue to integrate CAMEO into emergency management planning, to continue the process of conducting a commodity flow study within the county regarding the railroads. The LEPC will continue to identify further training opportunities that would be beneficial to members of the LEPC. Further, the LEPC will continue to strive to fulfill its mission to serve as a community forum for issues relating to preparedness for emergencies involving hazardous substances within Champaign County.

2016 QUARTERLY MEETING MINUTES

Champaign County Local Emergency Planning Committee (LEPC)
Meeting Minutes

February 23rd, 2016

Location: ILEAS Boardroom
1701 E. Main St.
Urbana, IL 61802
Time: 10:30 AM

I. Welcome and Introductions

Meeting started at 10:30 and introductions were made.

II. Review and approval of minutes from the November 24th meeting

Mike McCormick made the motion, Pat Titus seconded the motion, and all approved.

III. Update on Commodity Flow Study for Champaign County by Regional Planning Commission

Sharif Ullah of the Regional Planning Commission (RPC) indicated that the Commodity Flow Study for Champaign County is complete and is available online at http://www.ccrpc.org/wp-content/uploads/2016/01/HMCFS_Final_Report.pdf.

The study which included the collection of truck traffic data at 13 locations within Champaign County was the first of its kind to be conducted in the county. The recommended future actions are to conduct a similar survey of hazardous material carried by railroads and to update the surveys every 5 years.

IV. Local incident discussions and upcoming events

While not local to Champaign County, it was noted that in January the U.S. Chemical, Safety, and Hazard Investigation Board issued its final report on the April 17, 2013 fire and explosion at the West Fertilizer Company in West, Texas. The event resulted in 15 deaths (including 12 emergency responders) and more than 260 injuries. Key findings included shortcomings in emergency response, including pre-incident planning or response training of the volunteer fire departments. The Board's analysis of the emergency response concluded that the West Volunteer Fire Department did not conduct pre-incident planning or response training at WFC, was likely unaware of the potential for fertilizer grade ammonium nitrate detonation, did not take recommended incident response actions at the fire scene, and did not have appropriate training in hazardous materials response. Lack of pre-incident planning was cited as a key contributing factor to the fatalities of the first responders.

Pat Titus of Illini FS discussed a spill that occurred in December 2015 in Leverett, IL. The tank level on a transport carrier was misread and about 4700 gallons of product overflowed the tank, 1300 gallons of which was captured in the containment structure. The IL EPA was onsite and the cleanup included the removal of about 40 truckloads of soil.

Keith Erickson of the University of Illinois reported on a tanker spill that migrated to a storm sewer. The response, which took twelve hours, prevented the material from reaching the Boneyard Creek.

John Dwyer will attend the 2016 Midwest Emergency Preparedness and Response Conference presented by the Winnebago County LEPC on 04/12/2016 and 04/13/2016 in Rockford, IL.

The Association of American Railroads is offering “Crude by Rail” web-based training at no charge to emergency responders. The training, designed for first responders with railroads passing through their jurisdiction, is available at the following link: <http://www.aar.com/CBR.html>.

V. Wrap up and Open Discussion

John Dwyer discussed a natural gas leak that occurred at an underground natural gas storage field in California. The underground natural gas storage field in northwest Champaign County is owned by Peoples Gas. Tom Puracchio of Peoples Gas stated that there are some significant differences between the California facility and the Peoples Gas facility but there are also some common vulnerabilities. As a direct result of the California storage field incident, the U.S. Department of Transportation’s Pipeline and Hazardous Materials Safety Administration (PHMSA) is expected to soon propose new regulations for the underground storage of natural gas. Any new regulations put forth by PHMSA would apply to the Peoples Gas facility as well. It was further noted that Peoples Gas meets annually with the local fire departments, Champaign County ESDA, and METCAD.

John Dwyer stated that SARA Title II data is now available.

VI. Adjournment

Meeting was adjourned at 10:53 am. Mike McCormick made the motion to adjourn, Deb Goettig seconded the motion, and all approved.

Future LEPC Meeting Dates: June 28th, September 27th, and November 29th 2016

Reminder: If you have not done so please complete the Open Meetings Act training at

<http://foia.ilattorneygeneral.net/Default.aspx>

Attendance List:

John Dwyer, CC EMA
Bruce Ricketts, Presence EMS
Mike McCormick, Conair Corp
Greg Abbott, METCAD
Sherry Wooten, UIPD
Jackie Christensen, UCSD
Stephanie Vogelsang, UIPD
M Sharif Ullah, CCRPC
Susan Monte, CCPRC
Jane Li, CUPHD
Raymond Mucha, CUPHD
Mike Flanagan, CUPHD

Tom Puracchio, Peoples Gas
Carol Vorel, WDWS Radio
Brian Ball, Champaign Fire
Deb Goetig, American Red Cross
Duane Miller, APL Engineered Materials
David Scherer, University of Illinois DRS
Iris Ducey, IEMA
Dan Smith, IEMA
Shane Cook, CCSO
Mark Newton, Union Pacific
Chris Burch, Union Pacific
Pat Titus, Illini FS

Champaign County Local Emergency Planning Committee (LEPC)
Meeting Minutes

June 28th, 2016

Location: ILEAS Boardroom
1701 E. Main St.
Urbana, IL 61802
Time: 10:30 AM

VII. Welcome and Introductions

Chairman John Dwyer called the meeting to order at 10:35 am and introductions were made.

VIII. Public Comment

No public comments were offered.

IX. Review and approval of minutes from the February 23rd meeting

Deb Goeting made the motion, the motion was seconded, and all approved.

X. Trip report from 2016 Midwest Emergency Preparedness & Response Conference

Bill James attended the 2016 Midwest Emergency Preparedness & Response Conference that was held on 04/12/2016 and 04/13/2016 in Rockford, IL. Bill reported that cyber security threats have become a major concern and were a focus of the conference.

Lessons learned from the response to the 03/05/2016 derailment of 21 BNSF rail cars carrying crude oil near Galena, IL that resulted in a significant oil spill were discussed at the conference. The response to the incident was underway for about three days before a fully functional unified command structure was established or before an Emergency Operations Center was activated. This contributed to confusion at the scene.

The conference included a session on Railroad Emergency Response – Safety and Operational Considerations. Items covered included:

- Railroads such as BNSF have mobile response teams identified and in the event of a large spill local responders can expect that the railroads may dispatch as many as 20 to 30 semi-trailers to the site of the spill within hours of the incident. A priority of the railroad response teams will be to recover as much of the spilled product as possible and the routing and staging of these vehicles needs to be taken into account by local responders.
- Railroads have strict operating rules in place governing activity within the confines of “active rails”. All personnel who may be within the boundary of an active rail require special training on the associated hazards.

The conference also included a table top drill simulating a Bakken crude oil train derailment. Bakken crude oil is distinguished by a greenish color and a much lower flash point than most other crude oil.

Responders were encouraged to always to check the safety data sheets for any product involved in an incident.

XI. Follow-up on Commodity Flow Study – next steps

John Dwyer thanked everyone that had contributed to the recently completed Regional Planning Commission's Commodity Flow Study for Champaign County. Those contributing included the city of Champaign, the city of Urbana, the Champaign-Urbana Mass Transit District, and local Fire Departments. The next steps include conducting a similar survey of hazardous material carried through the county by railroads by observing railcar placarding within the next three years. Railroads typically provide limited information due in part to the proprietary nature of that information and the information that is provided is not in a consistent format. John stated that for the railroad survey, Champaign County may partner with other counties and will share survey information with the neighboring counties.

XII. Local incident discussions and upcoming events

The Rantoul and Champaign Fire Departments responded to an incident that occurred mid-morning on 05/26/2016 on I-57 about one mile north of Thomasboro. Two southbound trucks collided, one of which contained 6,000 gallons of toluene, with both trucks crossing over into the northbound lanes. Fortunately, only a small amount - less than 20 gallons - of toluene was released but the incident shutdown I-57 in both directions for several hours.

A recent pop-up thunderstorm occurred in Rantoul. Due to the sudden nature of the storm, no watches or warnings were issued. Those present were cautioned to be "weather aware".

Brian Ball of the Champaign Fire Department provided information on a recent call resulting from the release of a caustic cleaning agent into a storm sewer in Savoy. Brian also reported that database is being developed to collect the storage locations and quantities of fire-fighting foam. The database will be made available to fire departments.

John Dwyer stated that he had reminded the local seed companies about the potential for their field employees to be exposed to pesticides and to have bad weather procedures in place.

A discussion was held regarding a prior radiological plume exposure exercise regarding a simulated release of radiation from the Clinton nuclear power plant. It was noted that Parkland College in Champaign is a designated reception site for members of the public fleeing such an event. It was further noted that the American Red Cross would handle the processing of people arriving at the site and the Champaign Urbana Public Health Department would be responsible for any subsequent health monitoring.

XIII. Wrap up and Open Discussion

Those present were reminded that a table-top exercise would be conducted immediately following this meeting to assist with the development of Hazardous Material Response as part of the Champaign County Emergency Operations Plan.

XIV. Adjournment

The meeting was adjourned at 10:55 am. Deb Goeting made the motion to adjourn, Brian Ball seconded the motion, and all approved.

Future LEPC Meeting Dates: June 28th, September 27th, and November 29th 2016

Reminder: If you have not done so please complete the Open Meetings Act training at

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Attendees

Iris Ducey	IEMA
Bruce Ricketts	Presence EMS
Tammy Esposito	Macon Co EMA
Raymond Mucha	C-UPHD
Bill James	Champaign Co EMA
Jerry Clark	Kraft Foods
Del Harms	IEMA
Lori Canterbury	IEMA
Tom Puracchio	Peoples Gas
John Dwyer	Champaign Co EMA
Deb Goettig	American Red Cross
Jane Li	C-UPHD
Symatha Ayd	University of Illinois
Carol Vorel	WDWS-WHMS-WKIO
Duane Miller	APL
Brian Ball	Champaign Fire Department
Stephanie Brownstein	Kraft Foods
Rob Biehl	Kraft Foods

Deontrae Nelson	Kraft Foods
Rick Snider	Champaign County
Derrick Odle	Urbana Fire Department
David Scherer	University of Illinois-DRS

Champaign County Local Emergency Planning Committee (LEPC)
Meeting Minutes

September 27th, 2016

Location: ILEAS Boardroom
1701 E. Main St.
Urbana, IL 61802
Time: 10:30 AM

XV. Welcome and Introductions

Chairman John Dwyer called the meeting to order at 10:34 am and introductions were made.

XVI. Public Comment

No public comments were offered.

XVII. Review and approval of minutes from the June 28th meeting

Deb Goettig made the motion, the motion was seconded by Symatha Aydt, and all approved.

XVIII. Trip report from 2016 Illinois Emergency Management Agency (IEMA) Summit

John Dwyer attended the 2016 Illinois Emergency Management Agency (IEMA) Summit that was held on 09/06-09/07 in Springfield, IL.

The conference included a session on Local Emergency Planning Committees and IEMA. Items covered included:

- The role and functions of a LEPC were reviewed.
- Hazardous Materials Emergency Planning Grant changes were discussed to include the change to a 3 yr grant and the deliverables.
- Commodity Flow Studies were discussed. John Dwyer was asked to speak about the County Study. Several Jurisdictions from around the state asked for copies of the study.

Cybersecurity was a session topic. Passwords need to be stronger and changed often. Lots of different cyberattacks happening. Protect yourself by doing software updates, beware of pop-ups, and enable firewalls.

XIX. Follow-up on Commodity Flow Study – next steps

John Dwyer mentioned that the County is still waiting on the grant agreement from IEMA in order to proceed with the commodity flow study.

XX. Local incident discussions and upcoming events

John Dwyer mentioned two reportable incidents that had occurred since the last meeting a mercury spill and a gas leak both of which resolved.

XXI. Wrap up and Open Discussion

John Dwyer discussed the Integrated Public Alert Warning System (IPAWS) to include Wireless Emergency Alerts (WEA). Wireless alerts were issued out during the tornado warning on September by the National Weather Service. Champaign Co EMA has the capability for other emergencies to include hazmat spills, evacuations, and civil disturbances.

John Dwyer mentioned the upcoming Champaign County Emergency Management Program Advisory Committee Meeting on October 25th at ILEAS for those that are interested in attending.

XXII. Adjournment

The meeting was adjourned at 11:10 am. Pat Titus made the motion to adjourn, Mike McCormick seconded the motion, and all approved.

Future LEPC Meeting Dates: November 29th 2016

Attendees

Steve Simms	IEMA
Bruce Ricketts	Presence EMS
Raymond Mucha	C-UPHD
Michael Flanagan	C-UPHD
Jane Li	C-UPHD
Deontrae Nelson	Kraft Foods
Del Harms	Kraft Foods
Rob Biehl	Kraft Foods
Jerry Clark	Kraft Foods
John Dwyer	Champaign Co EMA
Deb Goettig	American Red Cross
Mike McCormick	Conair Corp
Symatha Ayd	University of Illinois

Dave Scherer	University of Illinois-DRS
Pat Titus	Illini FS
Sharif Ullah	CCRPC
Therese Brown	Guardian West
Gary Reed	Guardian West

Champaign County Local Emergency Planning Committee (LEPC)
Meeting Minutes

November 29th, 2016

Location: ILEAS Boardroom
1701 E. Main St.
Urbana, IL 61802
Time: 10:30 AM

I. Welcome and Introductions

Chairman John Dwyer called the meeting to order at 10:30 am and introductions were made.

II. Public Comment

No public comments were offered.

III. Review and approval of minutes from the September 27th meeting

Deb Goettig made the motion, the motion was seconded by Pat Titus, and all approved.

IV. Follow-up on Commodity Flow Study-waiting on grant award

John Dwyer stated that the full amount of the grant for the 2017 Commodity Flow Study has been approved and is only awaiting signature. The study will emphasize the transportation of commodities through Champaign County via railroad. John also mentioned that County has developed a good working relationship with the various railroads that should be beneficial for the study.

V. Local incident discussions and upcoming events

At about 7:30 pm on Wednesday, 11/14/2016, an anhydrous ammonia leak of approximately 750 gallons occurred near Tolono that resulted in a vapor cloud that moved south-southwest. No injuries were reported. John Dwyer stated that he used the cell phone alert system which allows him to essentially draw a geographic area within which all cell phones are sent a limited character text message. The text messages triggered many calls to METCAD which caused some consternation, however, the interest of public safety was served. Subsequent conversations with a jurisdiction in Minnesota reinforced the concept that a priority needs to be kept on alerting the public of potential safety concerns.

Keith Erickson reported that UIUC recently conducted a drill on October 27, 2016 involving a simulated 1,000,000 gallon release of fuel oil on campus. Fire departments from Champaign, Urbana, and Savoy participated.

It was reported that there will be anhydrous ammonia spill training in late February/early March and the Northern/Central Pipeline Association (NIPA) held an informational meeting at the Round Barn Center in Champaign on November 15, 2016.

VI. Dates for 2017 LEPC meetings: February 28th, June 27th, September 26th, November 28th

Bill James made a motion to approve the above dates, Brian Ball seconded the motion, and all approved.

VII. Open Discussion and Wrap Up

John Dwyer toured Flex-N-Gate in Urbana on October 20, 2016 and provided emergency planning information to company management.

Mike McCormick discussed the Eastern Illinois Safety Network, <http://eisafetynetwork.com/>, a networking group of safety professionals whose mission is to promote occupational safety and health in the area.

VIII. Adjournment

The meeting was adjourned at 11:05 am. Jane Li made the motion to adjourn, Stephanie Vogelsang seconded the motion, and all approved.

Attendees:

Iris Ducey	IEMA
Bruce Ricketts	Presence EMS
Bill James	Champaign Co EMA
Rob Biehl	Kraft Foods
Tom Puracchio	Peoples Gas
John Dwyer	Champaign Co EMA
Deb Goettig	American Red Cross
Raymond Mucha	C-UPHD
Jane Li	C-UPHD
Carol Vorel	WDWS-WHMS-WKIO
Mike McCormick	Conair Corp
Brian Ball	Champaign Fire Department
Derrick Odle	Urbana Fire Department
Brian Boltinghouse	Parkland College
Sherry Wooten	University of Illinois
Stephanie Vogelsong	University of Illinois

Jackie Christensen	UC Sanitary District
Pat Titus	Illini FS
Rick Snider	Champaign County
Symatha Ayd	University of Illinois