

Sangamon Valley LEPC

COMPREHENSIVE EMERGENCY RESPONSE PLAN FOR HAZARDOUS MATERIALS IN SANGAMON COUNTY MARCH 15, 2018

Statement of Purpose

The purpose of this Comprehensive Emergency Response Plan is to ensure the fulfillment of all the planning requirements under the federal Emergency Planning and Community Right-to-Know Act (EPCRA), as well as the Illinois Emergency Planning and Community Right-to-Know Act (Illinois EPCRA). This document explains how the Sangamon Valley LEPC meets this statutory planning obligation for extremely hazardous substances (EHS) stored in Sangamon County. Previously, the LEPC prepared site specific plans for facilities that report to it with Tier 2 Reports, as required by the United States Environmental Protection Agency (USEPA). Sangamon Valley LEPC has further acted to prepare site specific plans for facilities that store Bulk Fuel at a terminal and Propane, as reported to it with Tier 2 Reports.

Situations

Sangamon County has over 197,000 residents in an area that encompasses 877 square miles. The county is divided into 28 fire protection districts plus the corporate limits of Springfield, and is served by 19 fire departments. Springfield Fire Department (SFD) has jurisdiction by city ordinance and by bilateral contracts with 9 fire protection districts. SFD has a Hazardous Materials Team with which it also provides assistance to all of the other 18 fire departments.

Assumptions

Land use in Sangamon County is both urban and agricultural. Hazardous materials are stored and transported in all portions of Sangamon County. Facilities storing hazardous materials in quantities sufficient to require reporting with Tier 2 Reports under USEPA guidelines will make these filings each year with the Illinois Emergency Management Agency (IEMA), the LEPC and their fire department. Only 4 fire departments in Sangamon County do not have any facilities reporting the storage of EHS in the fire protection districts they serve.

Organization and Responsibilities

In accordance with Section 5(e) of the IEMA Act, the Sangamon Valley LEPC shall serve as an advisory committee for the development of emergency operations plan provisions for hazardous chemical emergencies and the assessment of emergency response capabilities related to hazardous chemical emergencies. Sangamon Valley LEPC has a 2-county planning district and has appointed each county's Emergency Manager to be the Community Emergency Coordinator for that county, using the designation Co-Community Emergency Coordinators. It is the responsibility of the Emergency Manager to initially prepare this emergency response plan for the county which he serves as Community Emergency Coordinator and lead its annual review.

The LEPC has voted to accept the initial Comprehensive Emergency Response Plan. Sangamon County's Emergency Manager is responsible for its maintenance, review and updating. Members of the LEPC may offer amendments to this plan after its annual review.

Concept of Operations

The Incident Commander is responsible for the overall management of an incident, including determining incident objectives and strategies and establishing the immediate priorities. Response procedures for a hazardous materials incident, under the direction and control of fire/rescue personnel as the Incident Commander, are but one of the provisions identified in EPCRA and Illinois EPCRA for emergency response planning requirements.

Under this title, Concept of Operations, the nine elements that must be included in an emergency response plan are provided for Sangamon County in a succession of chapters, each numbered to correspond with their enumeration in EPCRA and Illinois EPCRA. Reference is also made to the completed site specific plans that the Sangamon Valley LEPC has prepared. Completed plans have been distributed to the chemical storage facility, the Community Emergency Coordinator, the fire department with jurisdiction for the site and the Springfield Fire Department Hazardous Materials Team. As federal grant funds can no longer be used for systematic updates of these completed plans, it is important that each party holding a copy compare it with the site's most recent annual Tier 2 Report for changes of emergency contacts and of types or quantities of chemicals stored.

Presentation of the required elements is set forth in the following Index.

INDEX

Page	
3	Chapter 1 - Facilities and Routes
8	Chapter 2 - Response Procedures
9	Chapter 3 - Emergency Coordinators
10	Chapter 4 - Release Notification Procedures
11	Chapter 5 - Determining the Occurrence of a Release
12	Chapter 6 - Emergency Response Resources
13	Chapter 7 - Evacuation Procedures
14	Chapter 8 - Training Classes
15	Chapter 9 - Emergency Plan Exercise
16	Appendix 1 - Facilities Storing EHS, Bulk Fuel at a Terminal and Propane
19	Appendix 2 - Fire Departments Serving Sangamon County
20	Appendix 3 - Illiopolis Elementary School, Private K-12 Schools and Other Schools
21	Appendix 4 - Nursing Homes and Assisted Living Facilities - Springfield
22	Appendix 5 - Nursing Homes and Assisted Living Facilities - Outside Springfield
23	Appendix 6 - Incident Flow Chart
24	Appendix 7 - Emergency Release Notification Fact Sheet

Chapter 1: Facilities and Routes

The Local Emergency Planning Committee (LEPC) is required to identify facilities that use or store Extremely Hazardous Substances (EHS) and other hazardous materials. The USEPA maintains a Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act, also known as the Consolidated List of Lists on its website: <http://www.epa.gov/epcra/epcracerclacaa-ss112r-consolidated-list-lists-march-2015-version>.

The LEPC is also required to identify routes that are likely to be used in the transport of EHS. In addition, the LEPC also must identify those facilities that contribute to or are subject to additional risk, due to proximity to facilities that store EHS.

Facilities that Store EHS and other Hazardous Materials

The LEPC has identified facilities storing EHS and other hazardous materials from reviewing Tier 2 Reports filed for the 2-county planning district. Presently, Tier 2 Reports are filed for over 130 facilities in Sangamon County. The most recent list of facilities storing EHS is included as Parts A, B and C of Appendix 1 to this emergency response plan.

Routes for Transportation of EHS and other Hazardous Materials

The LEPC is required to identify routes likely to be used in the transport of EHS and other hazardous materials. Sangamon County is largely a rural county with a wide range of roadways for motor vehicles. There is a commercial airport, several railroad lines and three major pipelines traversing the county.

The following types of transportation have been identified by the LEPC: roads, railroads, pipelines and air. A commodity flow study of hazardous materials over roads and rail was initiated by the LEPC in 2015.

ROADS

Interstate and Other Highways:

Sangamon County is centrally located in Illinois, approximately 200 miles south of Chicago and 100 miles north of St. Louis. This location puts it on the interstate route, I-55, between the largest cities in Illinois and Missouri, respectively. Sangamon County also is at the midpoint of a 180-mile interstate route, I-72, between Quincy and Champaign, where 2 other interstate routes can be accessed. Highway transportation is a major method of moving EHS and hazardous materials. In addition to these 2 federally maintained interstate highways, Sangamon County is crossed by 8 state highways and 31 county highways. Sangamon County does not restrict vehicular traffic aside from the State of Illinois' size and weight restrictions. Highways also serve as the primary transportation routes to be used for General Evacuations as described in Chapter 7 of this emergency response plan.

Many shipments of hazardous materials and EHS are in highway transit through the county. Quantities can range from small parcels to full tank trailers. It is possible that any EHS could be shipped through Sangamon County. Typical highway accidents can include ruptured fuel tanks, low overhead clearance accidents, roll-overs and collisions.

Major accidents may include highway closures and traffic control. This can cause a major disruption in traffic flow and have a short-term economic impact. In addition, an accidental release of a large quantity of hazardous materials during an accident could result in the need of protective action for the vicinity.

Emergency response will be under the direction of one of 19 fire departments serving the county, as named in Appendix 2. Mutual aid may be sought from other fire departments. Springfield Fire Department has a Hazardous Materials Team which is available to assist anywhere in Sangamon County. The law enforcement component of highway closures and traffic control will be handled by the Illinois State Police, Sangamon County Sheriff's Office and, possibly, municipal or other police departments. The public works component will be handled by the Illinois Department of Transportation, Sangamon County Highway Department and, possibly, municipal public works departments.

Lesser Roadways:

Many hazardous materials and EHS shipments originate, traverse or terminate in Sangamon County. Industry is usually served by truck traffic traversing highways, but the origination or termination could be on lesser roadways. Quantities can range from small parcels to full tank trailers. Tier 2 Reports give a good indication of larger quantities of hazardous materials and EHS on lesser roadways. In lesser quantities, as small as parcels, almost any EHS could be shipped to a facility. Typical accidents on lesser roadways include fuel tank leaks, drum punctures, low-speed collisions and loading or unloading accidents.

The impacts of accidents occurring on lesser roadways are no different than on highways. Emergency response is also the same, with the addition of township road districts for potential public works aspects.

RAILROADS

Sangamon County is traversed by 6 railroads carrying freight: Burlington Northern Santa Fe (BNSF), Canadian National, Kansas City Southern, Illinois Midland (IM), Norfolk Southern (NS) and Union Pacific. Both IM and NS have rail yards in Springfield.

Many shipments of hazardous materials and EHS are in railroad transit through the county. Quantities can range from small shipments in a container or trailer on flatcar to 20,000 gallon tank cars, and even exceed a million gallons of Bakken crude oil on unit trains cutting across the extreme southwestern corner of the county. It is possible that any EHS could be shipped by rail through Sangamon County. Typical railroad accidents can include leaks, ruptures, spark-ignited track fires, collisions at crossings and car derailment.

Major accidents may include highway closures and traffic control. This can cause a major disruption in traffic flow and have a short-term economic impact. In addition, an accidental release of a large quantity of hazardous materials during an accident could result in the need of protective action for the vicinity or even evacuation.

Emergency response will be under the direction of one of 19 fire departments serving the county. Mutual aid may be sought from other fire departments. Springfield Fire Department has a Hazardous Materials Team which is available to assist anywhere in Sangamon County. The law enforcement component of roadway closures and traffic control will be handled by the Illinois State Police, Sangamon County Sheriff's Office and, possibly, municipal or other police departments. The public works component will be handled by the Illinois Department of Transportation, Sangamon County Highway Department, township road districts and municipal public works departments.

Few facilities in Sangamon County make or take full carload shipments. Two facilities that report receiving Anhydrous Ammonia, an EHS, in multiple carload shipments are:

- CHS Lowder Service Center on the BNSF at Lowder
- Herrin, Ltd. on the NS near Buffalo

PIPELINES

Sangamon County presently has 4 pipeline companies carrying natural gas: Ameren, Liberty Utilities, Tallgrass Operations/Rockies Express and Panhandle Eastern. Pipelines generally do not contain EHS, but they do contain hazardous materials and are included here as potential facilities that could contribute to additional risk, if proximate to facilities storing EHS or other hazardous materials. The LEPC and Sangamon County Central Dispatch System maintain a list of pipeline emergency contacts.

The LEPC maintains a Natural Gas Pipelines Map created by its Sangamon County GIS member. There is a pumping station for Panhandle Eastern near Glenarm for its several pipelines within Sangamon County. Tallgrass Operations/Rockies Express has 2 shut-off valves for its single traversing pipeline, in both western and eastern Sangamon County. Ameren supplies natural gas to Springfield with a pipeline from a northern source. Ameren also serves a number of customers in eastern Sangamon County on a separate pipeline from the south. Liberty Utilities delivers natural gas to Thayer and Virden from a point exiting a Panhandle Eastern pipeline, which branches into 2 parallel southerly routes.

AIR

Sangamon County is served by Abraham Lincoln Capital Airport at Springfield for commercial transportation. Passenger airlines provide scheduled service daily to and from Chicago and Dallas/Ft. Worth.

Airplanes may carry "Dangerous Goods" as defined by the Federal Aviation Administration. The size, quantity, and packaging of dangerous goods are strictly controlled. The physical hazard from a plane crash and the potential fuel fire would virtually outweigh any hazard from the cargo on board.

Additional Facilities

The LEPC is required to identify other facilities that contribute to additional risk, as well as identify other facilities that are subjected to additional risk, due to proximity with facilities that store hazardous materials and EHS. Additional facilities are broken down into categories that have the potential to contribute to additional risk and those that are potentially subject to additional risk.

FACILITIES THAT CONTRIBUTE TO ADDITIONAL RISK

Sangamon County has 77 facilities storing EHS in quantities above thresholds mandating that Tier 2 Reports must be submitted annually. There are 8 facilities storing Propane and one which is a fuel terminal storing Bulk Fuel. See Appendix 1 for a current list. Site specific plans have been written for most of these facilities.

Site specific plans have been written for the facilities described above because the LEPC deems these to be the ones that may contribute to additional risk. Using ALOHA modeling from the CAMEO suite of programs for emergency planning, if a plume will result for releases from any of these facilities, it has been mapped. Whenever a mapped plume reaches another facility storing EHS, Bulk Fuel at a terminal or Propane; the source of the plume is listed as a facility that contributes to additional risk in the site specific plan for the facility that it reaches.

FACILITIES THAT ARE SUBJECT TO ADDITIONAL RISK

The LEPC has determined that the following facilities may be subjected to additional risk due to their proximity to a facility storing EHS, Bulk Fuel at a terminal or Propane and to transportation routes.

Universities and Community Colleges:

University of Illinois at Springfield
One University Plaza
Springfield, IL 62703
Phone: 206-6600

Lincoln Land Community College
5250 Shepherd Road
Springfield, IL 62703
Phone: 786-2000

Robert Morris University
3101 Montvale Drive
Springfield, IL 62704
Phone: 793-2500

Public K-12 Schools:

The Sangamon-Menard Regional Office of Education lists the names, addresses and contact information for every public K-12 school in this region (ROE 51) at its website:

<http://www.roe51.org>. This directory can be found by choosing the “Schools” tab for a drop-down menu by school district. The Illiopolis Elementary School is the county’s only public K-12 school that is not within ROE 51. It is part of the Sangamon Valley Community Unit School District #9. See Appendix 3 for Illiopolis Elementary School.

Private K-12 Schools and Other Schools:

Listings of Private K-12 Schools and Other Schools known to the LEPC are also provided in Appendix 3.

Hospitals:

Memorial Medical Center
701 N. First Street
Springfield, IL 62781
Phone: 788-3000

St. John’s Hospital
800 E. Carpenter St.
Springfield, IL 62769
Phone: 544-6464

Lincoln Prairie Behavioral Health Center
5230 S. Sixth Street Frontage Road East
Springfield, IL 62703
Phone: 585-1180

Vibra Healthcare
701 N. Walnut Street
Springfield, IL 62702
Phone: 528-1217

Rehabilitation Centers:

Family Guidance Center
120 N. 11th Street
Springfield, IL 62703
Phone: 544-9858

Gateway Foundation
2200 Lake Victoria Drive
Springfield, IL 62703
Phone: 529-9266

McFarland Mental Health Center
901 E. Southwind Road
Springfield, IL 62703
Phone: 786-6994

Salvation Army Adult Rehab for Men
221 N. 11th Street
Springfield, IL 62703
Phone: 528-7573

Nursing Homes and Assisted Living Facilities:

Listings of Nursing Homes and Assisted Living Facilities known to the LEPC are provided in Appendices 4 and 5.

Chapter 2: Response Procedures

Appendix 6 depicts hazardous materials response procedures by an Incident Flow Chart.

Use of the 9-1-1 System for notification to the Sangamon County Central Dispatch System (SCCDS) initiates response procedures. This notification is separate from Facility Notification Procedures, but will occur in the same, immediate timeframe if the facility or transporter determines the occurrence of its own release. If determination is by a neighboring facility or citizen's report, 9-1-1 notification may occur before Facility Notification Procedures commence.

Following 9-1-1 notification, SCCDS will dispatch fire/rescue, law enforcement and an ambulance. Fire/rescue will provide the Incident Commander for a hazardous materials incident. The initial arriving fire/rescue units will make a scene evaluation and determine whether there is a Level I, Level II or Level III hazardous materials incident.

- Level I: Release of hazardous materials that can be controlled by a minimum of personnel and no immediate evacuation is necessary.
- Level II: Release of hazardous materials that, because of the potential hazard, poses a threat to life and property.
- Level III: Release of hazardous materials that, because of the volume or status, causes extreme danger to life and property that may become uncontrollable.

A hazardous materials incident may escalate or de-escalate as conditions change. Some Level II and all Level III incidents will require additional assistance from the Springfield Fire Department Hazardous Materials Team and additional ambulances. Notification to Springfield's emergency medical facilities, St. John's Hospital and Memorial Medical Center, to activate their local emergency plans, may also be necessary. All of these can be contacted by the SCCDS.

The Incident Commander will establish the command post and a perimeter for the incident. If the perimeter necessitates evacuation, law enforcement officers and/or surplus fire/rescue personnel will be assigned to this task. The Incident Commander will designate a Public Information Officer (PIO) for media and other briefings and to disseminate information that needs to be shared.

The Incident Commander may need further assistance from utility companies, public works, private contractors, county agencies, state agencies or federal agencies. All of these can be contacted by the SCCDS.

Chapter 3: Emergency Coordinators

Facility Emergency Coordinators

Every Tier 2 facility is required by USEPA to designate at least two emergency contacts. In addition, the LEPC may ask facilities to designate a Facility Emergency Coordinator. This person would be responsible for coordinating planning activities between the facility and emergency responders and planners.

Emergency contact information for every emergency contact is contained on the Tier 2 Reports maintained by the LEPC. All facilities storing EHS, the fuel terminal storing Bulk Fuel and the facilities storing Propane have each designated a Facility Emergency Coordinator and alternate, with phone numbers and 24-hour phone numbers for both listed in their site specific plans. Contact information for Facility Emergency Coordinators and alternates is checked annually against the latest Tier 2 Reports.

Community Emergency Coordinator

An LEPC is required to appoint a Community Emergency Coordinator. Sangamon Valley LEPC has a 2-county planning district and has appointed a separate Community Emergency Coordinator for each of its counties, using the designation Co-Community Emergency Coordinators. The Community Emergency Coordinator for Sangamon County is the Director of the Sangamon County Office of Emergency Management. The emergency contact methods for the Community Emergency Coordinator are by phone:

- 747-5150
- 753-6666 (24 hours)

Chapter 4: Release Notification Procedures

Facility Notification Procedures

Emergency release notification requirements are summarized as follows. In the event of an accidental chemical release the owner/operator of a facility or the transporter is required to properly notify federal, state and local agencies. Notification is required when the chemical released exceeds the reportable quantity of an EHS or a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous substance. Additional follow-up notification shall be made as conditions and information change.

Failure to follow these notification requirements may cause the LEPC to refer the matter to Illinois Emergency Management Agency (IEMA) for enforcement. IEMA provides a listing of these requirements on its Emergency Release Notification Fact Sheet, which is inserted into every site specific plan prepared for the LEPC and appears in Appendix 7. As shown, it gives emphasis to the notification procedures for Sangamon Valley LEPC and the Sangamon County Community Emergency Coordinator.

Community Notification Procedures

The Incident Commander is responsible for communicating notification of a release of EHS or other hazardous materials and will designate a Public Information Officer (PIO) for this purpose. The circumstances requiring public notification will depend on incident-specific factors and may vary depending on public safety issues. If a release of EHS or other hazardous materials forces the closure of any establishment that serves food to the public (i.e., restaurants, grocery stores, schools, churches, etc.), the Director of the Sangamon County Department of Public Health must be notified to facilitate a required inspection before such serving of prepared food can commence again.

Chapter 5: Determining the Occurrence of a Release

A release may occur from an overt circumstance, such as an explosion or transportation accident. A release may also happen in a situation where its occurrence is not immediately recognized, such as a containment failure or during commission of a crime.

A release at a fixed facility or during transportation may be determined by various means, such as:

- Electronic Equipment
- Visual Sighting
- Human Senses
- Neighboring Facilities
- Citizen's Report

A release may not affect any area beyond the property boundaries of the site where it occurs or it could result in a plume with an affected area downwind from the site. The LEPC has used ALOHA modeling from the CAMEO suite to determine when there would be plumes for every facility where a site specific plan has been written. When a plume will be produced, the distance of a vulnerability zone is estimated. The area away from the facility that is most likely to be affected by a release is identified with multiple maps to consider the variability of wind direction. In 2016, Springfield Fire Department initiated a MARPLOT mapping project across the LEPC's 2-county planning district to expand opportunities for plume modeling, introducing a ready capability to do this for chemical releases that occur during transportation.

When an EHS will not produce a plume that can be modeled, a Chemical Safety Information sheet has been completed as a resource for determining the occurrence of a release. Site specific plans recommend an isolation area for every hazardous material at the facility based on the Emergency Response Guidebook (ERG). The ERG is a basic resource for all first responders faced with chemical releases that occur during transportation.

The release of a liquid chemical or the use of water by first responders to mitigate a chemical release, may result in spreading contamination to roadway ditches and through waterways. The MARPLOT mapping project is underlain with layers of Geographic Information System (GIS) maps provided by both counties' GIS departments. Having this mapping of waterways will allow the Incident Commander to consider the larger consequences of response tactics quickly after the occurrence of a release has been determined. Use of the MARPLOT platform for this mapping project was chosen to make it more accessible to all fire departments that the SFD Hazardous Materials Team might be called upon to work with.

Chapter 6: Emergency Response Resources

Facility Emergency Response Resources

All facilities storing EHS, the fuel terminal storing Bulk Fuel and the facilities storing Propane have provided Sangamon Valley LEPC with their facility release detection/emergency response resources and procedures. This information is documented in an appendix to the facility's respective site specific plan and subject to review and update.

Community Emergency Response Resources

Sangamon Valley LEPC maintains listings of community emergency response resources for emergency response agencies and organizations within Sangamon County. The site specific plan for facilities storing EHS, Bulk Fuel at a terminal or Propane include an itemized listing of emergency response resources for the fire department with jurisdiction (see Appendices 1 and 2), Springfield Fire Department Hazardous Materials Team, MABAS Division 48 and Sangamon County Rescue Squad. The site specific plans also identify a list of private contractors who can provide the resources necessary for scene stabilization and hazardous materials clean-up. The means for the Incident Commander to access these resource providers are listed in the site specific plans or they can be contacted by the SCCDS.

Healthcare procedures at St. John's Hospital and Memorial Medical Center for hazardous materials accidents are maintained by the LEPC along with the complete emergency operations plan for each. The LEPC also maintains listings of both hospitals' emergency response resources.

Chapter 7: Evacuation Procedures

Evacuation is an action to remove a vulnerable population from an area which is very likely to pose a significant human health or safety risk. Certain hazardous materials release conditions always call for evacuation: 1) there is high potential for explosion and 2) the release is large with a long-term duration anticipated. For other situations, evacuation should be considered when there is adequate time to warn and evacuate the population and the community has the resources and capability to effectively carry out the evacuation.

City of Springfield and other municipalities in the county and Sangamon County OEM have evacuation procedures in their emergency operations plans. These plans identify two types of evacuation that may be utilized: “General Evacuation” and “Limited Evacuation”.

General Evacuation – would involve the relocation of large portions of the public from a dangerous or potentially dangerous area to one that provides safety from the impending situation.

Limited Evacuation – would involve the relocation of one or a few families from the impending situation.

The Incident Commander will determine the level of a hazardous materials release and the perimeter for the incident. These determinations will establish whether a General Evacuation, Limited Evacuation or no evacuation at all is called for.

If evacuation is recommended, law enforcement officers and/or surplus fire/rescue personnel will support the Incident Commander to provide the necessary means to assist with moving mobility-impaired persons and disseminate information to all within the area to be evacuated. However, the primary means by which evacuation information will be shared is through the PIO to the local media. Law enforcement will provide traffic control to assist in evacuation. Upon request from the Incident Commander, public works will be responsible for barricades and directional signs identifying alternative transportation routes when primary routes (highways) are not useable.

At times when a limited evacuation might be called for, a simpler solution will be to shelter-in-place. Sheltering-in-place involves keeping or moving the potentially affected population indoors and minimizing the infiltration of the hazardous chemical into the structure by shutting off ventilation, closing doors and windows, sealing seams and thresholds, etc.

Sheltering-in-place may be the preferred protective action when: 1) the release is occurring very fast; 2) a migrating toxic vapor cloud could quickly overrun an exposed population; 3) the hazardous chemical released has a very low health hazard; or 4) evacuation would be very difficult. It should always be considered for individuals at schools, hospitals and other special facilities. The initial decision for in-place sheltering should be based on: 1) if there is not sufficient time to notify and evacuate the vulnerable population and 2) preliminary information confirms in-place sheltering will provide adequate protection.

Chapter 8: Training Classes

A variety of annual training for emergency responders and medical personnel is available at federal, state and county levels. Training classes and conference training opportunities can be found using these internet resources which are to be checked at least once per year.

Federal Emergency Management Agency (FEMA)

FEMA's Emergency Management Institute (EMI) and National Fire Academy (NFA), co-located in Emmitsburg, Maryland, offer many courses, as listed below:

- EMI Independent Study Program: <http://training.fema.gov/is>
- EMI Resident (On-Campus) Courses: <http://training.fema.gov/EMICourses>
- NFA Training Resources: <http://www.usfa.fema.gov/training/nfa>

Occupational Safety and Health Administration (OSHA)

OSHA is the federal agency responsible for worker safety. Information on OSHA training courses, materials and resources can be found on the internet at:

<http://www.osha.gov/dte/index.html>

American Red Cross (ARC)

ARC is one of the nation's largest disaster service agencies. Sangamon County is served by the ARC's South Central Illinois Chapter, which is located at 1045 Outer Park Drive, Springfield IL 62704 (Phone: 787-7602). Training information from this American Red Cross chapter can be found on the internet at: <http://www.il-redcross.org>

Illinois Emergency Management Agency (IEMA)

IEMA is the best source for training opportunities available to emergency responders and medical personnel in Illinois. Information on IEMA training and the annual IEMA Training Summit can be found on the internet at: <http://www.illinois.gov/iema/training>

Illinois Fire Service Institute (IFSI)

IFSI annually offers more than 300 classes in more than ten program areas. Information on IFSI training can be found on the internet at: <http://www.fsi.illinois.edu/content/courses>

Midwest Emergency Preparedness and Response Conference

Each year, during spring, the Winnebago County LEPC offers pertinent training through its annual Midwest Emergency Preparedness and Response Conference at Rockford, IL. Information on this training opportunity is available at: <http://www.winn-lepc.org>

Chapter 9: Emergency Plan Exercise

The Sangamon Valley LEPC is responsible for exercising this plan on an annual basis. The LEPC meets at least 5 times each fiscal year; during the months of September, November, January, March and May. The LEPC Chair sets the agenda for each of these meetings with input from others on the committee.

The meeting designated specifically for receipt of public comments on the LEPC's emergency planning occurs during September. At any one of the remaining meetings in the fiscal year, the Chair may choose to conduct an exercise of this plan.

An exercise pursued within an LEPC meeting will be conducted as a discussion-based table top exercise. It will be facilitated by the Chair and require participation by all members in attendance. The scenario for such exercise will be based on the facts of a recent real-world hazardous materials incident within the planning district or the storyline of a recent table top, functional or full scale exercise conducted by a facility or response group within the planning district.

The purpose of the annual exercise is to check the adequacy of this plan. If a facility or response group within the planning district conducts a table top, functional or full scale exercise of a hazardous materials incident that is attended by at least 3 LEPC members, they may check the adequacy of this plan during that exercise. If the group reports its findings at the next LEPC meeting, the committee may choose to use this activity for the annual exercising of the plan.

Each year, a comprehensive table top exercise is conducted at the Midwest Emergency Preparedness and Response Conference hosted by the Winnebago County LEPC. While at the conference, members of the LEPC have the opportunity to check the adequacy of this plan and compare it with other plans across the state of Illinois. If the LEPC has not conducted its own exercise prior to the May meeting and Sangamon Valley LEPC participates in the conference exercise, the Chair may accept a detailed oral report at the May meeting on the findings of adequacy by the conference participants for the annual exercising of the plan.

APPENDIX 1

FACILITIES STORING EHS, BULK FUEL AT A TERMINAL AND PROPANE

A. EHS – Telecommunications		Mailing Address	
(2)	AT&T Corp.	15060 State Route 4	Auburn
(16)	AT&T Corp.	620 S. Fifth Street	Springfield
(1)	AT&T Illinois	110 Holland Street	Cantrall
(13)	AT&T Illinois	133 N. Fifth Street	Riverton
(14)	AT&T Illinois	307 E. Main Street	Rochester
(16)	AT&T Illinois	15 Drawbridge	Springfield
(16)	AT&T Illinois	529 S. Seventh Street	Springfield
(16)	AT&T Illinois	555 E. Cook Street	Springfield
(16)	AT&T Illinois	601 S. Sixth Street	Springfield
(16)	AT&T Illinois	2320 W. Monroe Street	Springfield
(16)	AT&T Illinois	2501 Hazel Dell Road	Springfield
(2)	Frontier Communications	512 W. Madison Street	Auburn
(4)	Frontier Communications	616 East Mulberry	Chatham
(16)	Level 3 Communications	1303 S. Sixth Street	Springfield
(16)	Level 3 Communications	101 Marchelle Ave.	Springfield
(16)	New Cingular Wireless PCS	2500 Colt Road	Springfield
(16)	New Cingular Wireless PCS	520 S. Second Street	Springfield
(16)	Sprint	232 E. Washington Street	Springfield
(16)	Verizon Business	3301 Interurban Ave.	Springfield
(16)	Verizon Wireless	205 S. Fifth St. (11 th Floor)	Springfield
(16)	Verizon Wireless	2927 S. Koke Mill Road	Springfield
(16)	Verizon Wireless	3420 Constitution Drive	Springfield
(16)	Windstream Corporation	528 S. Fifth Street	Springfield
(16)	Windstream Corporation	322 E. Capitol Ave.	Springfield

NOTE – Number in first column, indicates the fire department with jurisdiction. See Appendix 2.

B. EHS – General**Mailing Address**

(16)	Ameren Illinois	825 N. MacArthur Blvd.	Springfield
(16)	American Bottling	4600 Industrial Drive	Springfield
(16)	Bunn-O-Matic Corporation	1400 Stevenson Drive	Springfield
(16)	Capitol Power Plant	315 N. Klein Street	Springfield
(16)	City Water, Light & Power	3100 Stevenson Drive	Springfield
(16)	Comcast	3440 Hill Top Road	Springfield
(16)	Curran Gardner Public Water District	3382 Hazlett Road	Springfield
(9)	Dawson Municipal Water Department	8313 Mechanicsburg Rd.	Mechanicsburg
(16)	Heartland Coca Cola	3495 E. Sangamon Ave.	Springfield
(13)	Hospital Sisters Health System	4938 LaVerna Drive	Springfield
(16)	Illinois Air National Guard	3101 J. David Jones Pkwy.	Springfield
(16)	Illinois Army National Guard	1301 N. MacArthur Blvd.	Springfield
(7)	Illiopolis Water Department	19532 Borden Road	Illiopolis
(9)	Mechanicsburg - Buffalo Water Commission	496 Church Street	Mechanicsburg
(16)	Memorial Health System	2401 W. Jefferson Street	Springfield
(16)	Memorial Health System	201 E. Madison Street	Springfield
(16)	Memorial Medical Center	701 N. First Street	Springfield
(16)	Metal Décor	2601 Colt Road	Springfield
(7)	Monsanto	4370 Mt. Pulaski Road	Illiopolis
(16)	Nelson Oil Co., Inc.	4001 N. Walnut Street Rd.	Springfield
(16)	Prairie Farms Dairy	2540 S. MacArthur Blvd.	Springfield
(13)	Riverton Waste Water Treatment Plant	1290 E. Riverton Road	Riverton
(16)	Sam's Club #8215	2300 White Oaks Drive	Springfield
(16)	Sangamon County Water Reclamation District	3000 N. Eighth Street	Springfield
(16)	Sangamon County Water Reclamation District	3300 Mechanicsburg Rd.	Springfield
(16)	SIU School of Medicine	801 N. Rutledge Street	Springfield
(16)	Solomon Colors	4050 Color Plant Road	Springfield
(16)	Standard Aero	1200 N. Airport Drive	Springfield
(16)	Sunbelt Rentals, Inc.	3040 E. Ash Street	Springfield
(16)	Target Store T-0670	3445 Freedom Drive	Springfield
(13)	XPO Logistics Freight	7220 CCX Road	Riverton

NOTE – Number in first column, indicates the fire department with jurisdiction. See Appendix 2.

C. EHS – Ag Chemicals

		Mailing Address
(2)	Brandt Consolidated, Inc.	300 West Jefferson Auburn
(2)	Brandt Consolidated, Inc.	7253 West State Route 104 Auburn
(16)	Brandt Consolidated, Inc.	6089 Industrial Drive New Berlin
(10)	Brandt Consolidated, Inc.	16714 Old Route 54 New Berlin
(11)	Brandt Consolidated, Inc.	5296 East State Route 104 Pawnee
(12)	Brandt Consolidated, Inc.	3090 Richland Elevator Rd. Pleasant Plains
(18)	Brandt Consolidated, Inc.	12500 State Hwy. 104 Waverly
(19)	Brandt Consolidated, Inc.	120 East Taylor Williamsville
(12)	Brandt Specialty Formulations	211 West State Route 125 Pleasant Plains
(11)	Christian County Farmers Supply Co.	5611 Boarman Road Pawnee
(17)	CHS, Inc.	10955 North Street Waverly
(3)	Herrin LTD	13962 Old Route 36 Buffalo
(14)	Herrin LTD	9861 E. State Route 29 Rochester
(2)	Prairieland FS, Inc.	407 East Jackson Auburn
(4)	Prairieland FS, Inc.	6050 Lick Road Chatham
(7)	Prairieland FS, Inc.	3688 N. Mt. Pulaski Road Illiopolis
(10)	Prairieland FS, Inc.	16500 Old Route 54 New Berlin
(12)	Prairieland FS, Inc.	13974 Watts Road Pleasant Plains
(19)	Prairieland FS, Inc.	2950 Dinius Road Williamsville
(3)	Rosen's, Inc.	3419 Cannon Road Buffalo
(11)	Strawn, Inc.	9432 N. Pawnee Road Pawnee
(4)	Winfield Solutions, LLC	6100 Industrial Drive New Berlin

D. Bulk Fuel at a Terminal

		Mailing Address
(16)	Lincoln Land Oil Co.	2026 Republic Street Springfield

E. Propane

		Mailing Address
(9)	Ferrellgas	206 South Street Mechanicsburg
(10)	Ferrellgas	700 King Road New Berlin
(11)	Ferrellgas	100 Carroll Street Pawnee
(16)	Ferrellgas	4421 W. Jefferson Street Springfield
(16)	Hicksgas, LLC	6220 Canadian Cross Road Springfield
(19)	Patterson Bros. Oil and Gas, Inc.	141 South Pine Williamsville
(5)	Prairieland FS, Inc.	8507 Old Decatur Road Riverton
(14)	Strode Farm Service	5986 Pine Street Rochester

NOTE – Number in first column, indicates the fire department with jurisdiction. See Appendix 2.

APPENDIX 2

FIRE DEPARTMENTS SERVING SANGAMON COUNTY

(1) Athens-Fancy Prairie	400 E. Hargrave St., Athens IL 62613	636-8221
(2) Auburn	117 W. Jackson, Auburn IL 62615	438-3121
(3) Buffalo	114 S. Wells Street, Buffalo IL 62515	364-4441
(4) Chatham	#1 Fireman Square, Chatham IL 62629	483-2121
(5) Dawson	109 N. Lewis Street, Dawson IL 62520	364-5975
(6) Divernon	133 S. State St., Divernon IL 62530	628-3341
(7) Illiopolis	428 Mary Street, Illiopolis IL 62539	486-7691
(8) Loami	110 S. Main Street, Loami IL 62661	624-6131
(9) Mechanicsburg	404 W. Main St., Mechanicsburg IL 62545	364-4831
(10) New Berlin-Island Grove	101 S. Oak Street, New Berlin IL 62670	488-6338
(11) Pawnee	711 8th Street, Pawnee IL 62558	625-3131
(12) Pleasant Plains	611 Buckeye Street, Pleasant Plains IL 62677	626-1131
(13) Riverton	710 Riverton Road, Riverton IL 62563	629-8107
(14) Rochester	700 E. Main St., Rochester IL 62563	498-7121
(15) Sherman	2215 E. Andrew Road, Sherman IL 62684	496-2213
(16) Springfield	825 E. Capitol Ave., Springfield IL 62701	788-8474
(17) Virden	317 N. Springfield Street, Virden IL 62690	965-3645
(18) Waverly	160 S. Prospect Street, Waverly IL 62692	435-2341
(19) Williamsville	9850 S. Williamsville Rd., Williamsville IL 62693	566-3311

APPENDIX 3

ILLIOPOLIS ELEMENTARY SCHOOL, PRIVATE K-12 SCHOOLS AND OTHER SCHOOLS

Sangamon Valley Community Unit School District #9

Illioopolis Elementary School	341 Matilda Street	Illioopolis	486-5601
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Private K-12 Schools

Sacred Heart-Griffin High School	1200 W. Washington Street	Springfield	787-1595
Blessed Sacrament	748 W. Laurel Street	Springfield	522-7534
Christ the King	1920 Barberry Drive	Springfield	546-2159
Little Flower School	900 Adlai Stevenson Drive	Springfield	529-4511
St. Agnes School	251 N. Amos Avenue	Springfield	793-1370
St. Aloysius School	2125 N. 21st Street	Springfield	544-4553
St. Patrick Grade School	1800 South Grand Ave. E.	Springfield	523-7670
Lutheran High School	3500 W. Washington Street	Springfield	546-6363
Concordia Lutheran	2300 E. Wilshire Road	Springfield	529-3309
Our Saviors Lutheran School	2645 Old Jacksonville Road	Springfield	546-4531
Trinity Lutheran	515 S. Macarthur Blvd.	Springfield	787-2323
Calvary Academy	1730 W. Jefferson Street	Springfield	546-9700
Springfield Christian School	2850 Cider Mill Lane	Springfield	698-1933
Montessori Children's House	4147 Sandhill Road	Springfield	544-7702
Montessori School House	717 Rickard Road	Springfield	787-5505

Other Schools

The Hope Institute	16 East Hazel Dell Lane	Springfield	585-5437
McFarland Mental Health Center	901 Southwind Road	Springfield	786-6994
Midwest Technical Institute	2731 N. Farmers Market Rd.	Springfield	527-8324
Sangamon County Juvenile Center	2201 S. Dirksen Parkway	Springfield	747-8020

APPENDIX 4

NURSING HOMES AND ASSISTED LIVING FACILITIES - SPRINGFIELD

Name	Address	Phone
Aperion Care	525 S. Martin Luther King Dr.	789-1680
Bethesda Lutheran Home	1520 Hosta Street	585-6832
Bickford House	2451 W. White Oaks Drive	787-9000
Bonasinga High Rise	825 W. Jefferson St.	753-5757
Brendan Gardens	900 Southwind Drive	529-4586
Bridge Care Suites	3089 Old Jacksonville Road	787-0000
Brother James Court	2508 St. James Road	747-5901
Capitol Plaza	1210 E. Washington St.	528-1771
Capitol Retirement Village	500 N. Bruns Lane	698-9441
Centennial Pointe Assisted Living & Arbors	3440 Hedley Road	718-5513
Christian Garden Villas	3406-3408 W. Washington St.	787-9600
Concordia Village	4101 W. Iles Ave.	793-9429
Curtiss Court	2883 S. Taylor Ave.	585-1188
Gaines Mill Terrace	3310 Gaines Mill Rd.	793-0074
Glenwood Terrace	2724 Glenwood Ave.	523-4605
Heritage Health	900 N. Rutledge Street	789-0930
Hickory Glen	1700 W. Washington St.	793-0431
Hildabrandt High Rise	1151 N. 8th Street	753-5774
Homestead at Montvale	2801 Montaluma Drive	698-9600
Homestead Place	4305 W. Washington St.	787-3009
Illinois Presbyterian Home	2005 W. Lawrence Ave.	546-5622
Lewis Memorial Christian Village	3400 W. Washington St.	787-9600
Mary Bryant Home for Blind	2960 Stanton Ave.	529-1611
Mill Creek-Alzheimer's Special Care Center	3319 Ginger Creek Dr.	717-2075
Montvale Estates	2601 Montvale Dr.	866-1761
Mosaic of Springfield	555 W. Carpenter St.	525-1880
Near North Village	401 E. Jefferson/400 E. Madison	525-2505
Park Towers	405 Williams Blvd.	753-4550
Regency Nursing Care	2120 W. Washington St.	793-4880
River Birch Senior Living	4008-4016 Cockrell Lane	547-0400
St. Joseph's Home of Springfield	3306 S. 6th Street Rd.	529-5596
Sangamon Towers	424 N. 4th Street	525-3802
Seasons at Pine Creek	3201 Conifer Dr.	698-5780
Seasons Under the Oaks	3511 Conifer Dr.	698-2829
Springfield Supportive Living	2034 Clear Lake Ave.	522-8843
Taylor House	3021 Taylor Ave.	529-2053
Timber Lake Estates	2521 Empowerment Rd.	585-9400
Washington Plaza	2301 W. Washington St.	787-5052
Weber House	2520 St. James Road	522-8406

APPENDIX 5

NURSING HOMES AND ASSISTED LIVING FACILITIES – OUTSIDE SPRINGFIELD

City of Auburn:

Auburn Nursing Home	304 W. Maple St.	Auburn	438-6125
Eastland Retirement Community	9 Eastland Drive	Auburn	438-9394

Village of Buffalo:

Mary Lou's Country Home	11629 Maurer Road	Buffalo	364-9000
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Village of Chatham:

Bethesda Lutheran Home	620-622 Garvey	Chatham	697-8422
Bethesda Lutheran Home	1606-1608 Magnolia	Chatham	697-8461
Chatham Villas of South Park	10000 S. Main Street	Chatham	697-5415
Individual Advocacy Group	11 Nottingham Drive	Chatham	717-4733
Reflections Memory Care	401 N. Park Street	Chatham	483-4490
Sparc Assisted Living	814 Mulberry Court	Chatham	483-1320
The Villas of Hollybrook	825 E. Walnut Street	Chatham	483-4655

City of Leland Grove:

Club View Court	2024 Clubview Drive	Leland Grove	726-6475
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Village of Riverton:

Country Lane Memory Care	875 Riverton Road	Riverton	629-4265
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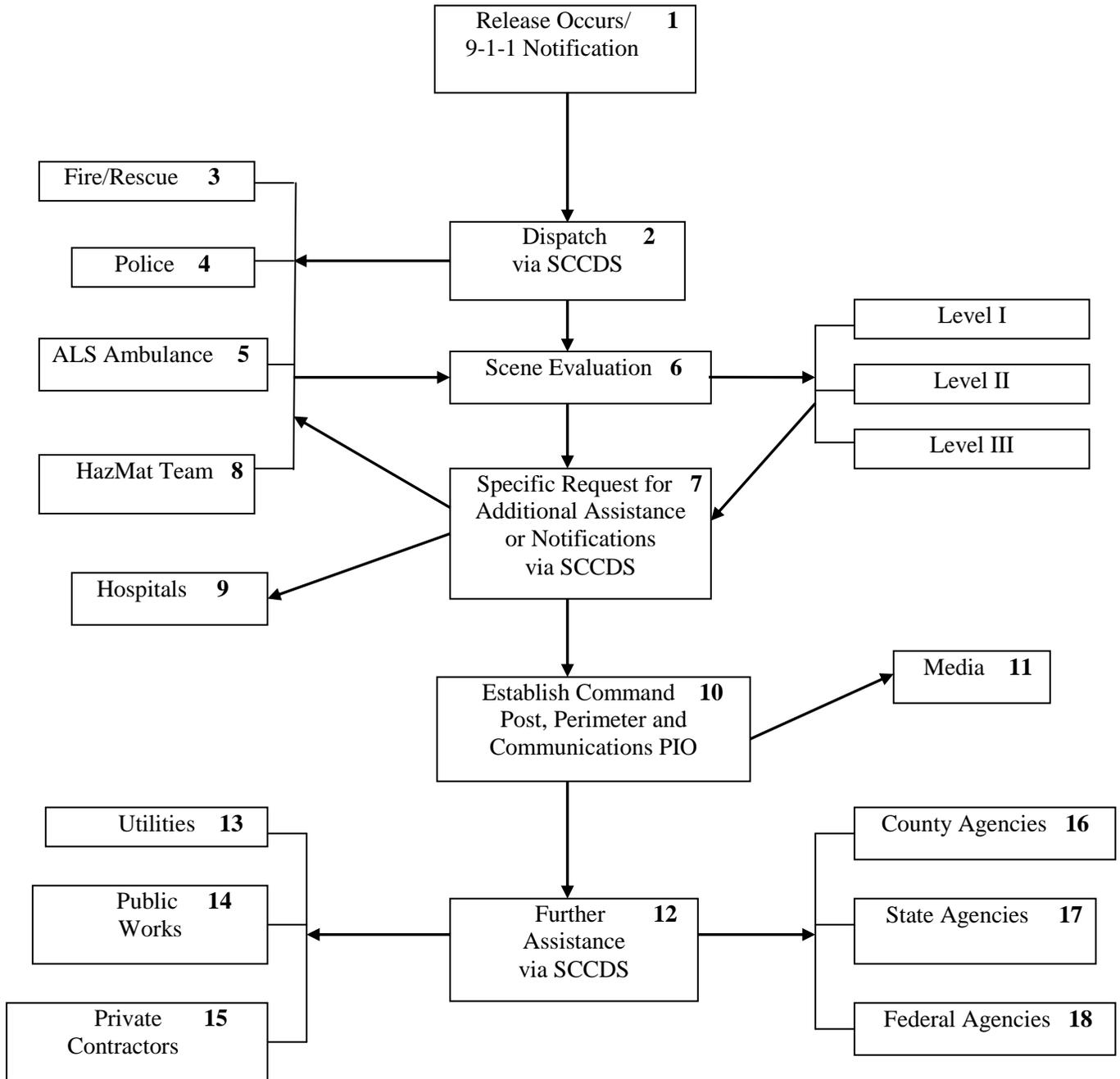
Village of Rochester:

Wyndcrest	4817 Oak Hills Road	Rochester	498-6959
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Village of Sherman:

Bethesda Lutheran Home	150 Possum Pass	Sherman	496-2433
Villa Health Care West	100 Stardust	Sherman	744-2299
Villa Health Care East	100 Marion Drive	Sherman	744-2299
Villa Retirement	100 Villa Parkway	Sherman	744-3654

APPENDIX 6
INCIDENT FLOW CHART



NOTE – For definition of Levels I, II & III as used in this Incident Flow Chart, see Page 8.

APPENDIX 7

EMERGENCY RELEASE NOTIFICATION FACT SHEET



ILLINOIS EMERGENCY MANAGEMENT AGENCY

Bruce Rauner
Governor

William P. Robertson
Acting Director

Emergency Release Notification Fact Sheet

- A. Immediate telephone notification shall be given by the owner or operator of a facility when a release equal to or exceeding the reportable quantity of an extremely hazardous substance¹ or a CERCLA hazardous substance² occurs at the facility.

In such incidents, notifications are to be made to the following:

1. Illinois Emergency Management Agency (IEMA)/State Emergency Response Commission (SERC) at 1-800-782-7860 (within state) or (217) 782-7860 (when calling from out-of-state);
2. Local Emergency Planning Committee (LEPC) that is likely to be affected by the release. The LEPC telephone number(s) may be obtained from the IEMA Website at <http://www.illinois.gov/iema/Preparedness/SERC/Pages/default.aspx>;
3. National Response Center (NRC) at 1-800-424-8802 (if the substance is a CERCLA hazardous substance).

Please Note: *Transportation-related incidents only require 9-1-1 notification.*

- B. Immediate telephone notification is also required if an incident or accident involving a hazardous material³ occurs which results in:

- 1) a member of the general public is killed;
- 2) a member of the general public receives injuries requiring hospitalization;
- 3) an authorized official of an emergency agency recommends an evacuation of an area by the general public;
- 4) a motor vehicle has overturned on a public highway;
- 5) Fire, breakage, release or suspected contamination occurs involving an etiologic agent;
- 6) Any release of petroleum (or oil) that produces a sheen on nearby surface water⁴ and/or threatens navigable waters;
- 7) Any spill or overflow of petroleum that results in a release to the environment that exceeds 25 gallons (25-gallon reporting threshold for USTs only).⁴ ASTs are not subject to the 25-gallon spill reporting threshold in 41 IAC 176.340 but are subject to 29 IAC 430.

In such incidents, notification shall be made as noted in Paragraph A, above, except no notification is required to the NRC, except items 6 and 7 (oil that impacts water and overfills emanating from underground storage tanks).

At a minimum, notification shall include:

- 1) the chemical name or identity of any substance involved in the release;
- 2) an indication of whether the substance is an extremely hazardous substance;
- 3) an estimate of the quantity in pounds of any such substance that was released;
- 4) the time and duration of the release;
- 5) the specific location of the release;
- 6) the medium or media (air, land, water) into which the release occurred;
- 7) any known or anticipated acute or chronic health risks associated with the emergency and, where appropriate, advice regarding medical attention necessary for exposed individuals;
- 8) proper precautions to take as a result of the release, including evacuations;
- 9) the name and telephone number of the person or persons to be contacted for further information.

Notification to Sangamon Valley LEPC

Phone: 217-747-5150 (leave message)

U.S. Mail: P.O. Box 2105

Springfield IL 62705-2105

WRITTEN FOLLOW-UP NOTICE IS REQUIRED WITH RESPECT TO INCIDENTS AS DESCRIBED IN PARAGRAPH A, ABOVE. As soon as practicable after such release (within 30 days), the owner or operator shall provide a written follow-up emergency notice (or notices, as more information becomes available) to the SERC and the LEPC, updating the information provided in the immediate notification and including additional information with respect to:

- 1) Actions taken to respond to and contain the release;
- 2) Any known or anticipated acute or chronic health risks associated with the release;
- 3) Where appropriate, advice regarding medical attention necessary for exposed individuals.

¹ See 40 CFR 355 for a listing of extremely hazardous substances (EHS)

² See 40 CFR 302.4 for a listing of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) hazardous substances

³ See 49 CFR 172.101 for a list of hazardous materials

⁴ See 41 IAC 176.340 Reporting and Cleanup of Spills and Overfills (USTs)

(These rules are compiled in 29 IAC 430 and 29 IAC 620)

Last updated 3/2018