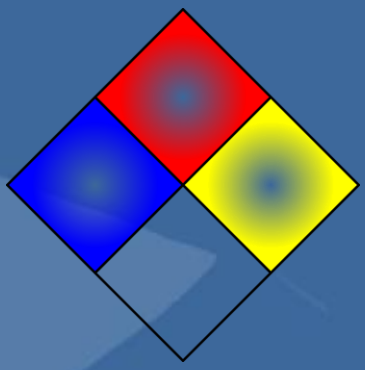

Regional Hazardous Materials Emergency Preparedness Plan

Mid-America Hazardous Materials Emergency Preparedness Alliance

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SEPTEMBER 2021

REGIONAL HAZARDOUS MATERIALS EMERGENCY PREPAREDNESS PLAN

Updated September 2021

Serving Missouri Counties of Cass, Clay, Jackson, Platte, Ray, and incorporated cities within these counties that comprise Missouri Region A Urban Local Emergency Planning District (LEPD); and Kansas Counties of Johnson, Leavenworth and Wyandotte, and incorporated cities within these counties that comprise Kansas Mid-America Local Emergency Planning Committee (LEPC).

Prepared for:

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Foreword and Letter of Promulgation

To: All Agencies and Readers

The purpose of this Regional Hazardous Materials Emergency Preparedness Plan (RHMEPP) is to coordinate planning and response actions among stakeholders within the Missouri Region A Urban Local Emergency Planning District (LEPD) and Kansas Mid-America Local Emergency Planning Committee (LEPC). In a collaborative effort, these organizations established the Mid-America Hazardous Materials (Hazmat) Emergency Preparedness Alliance (HEPA) to ensure ongoing cooperation in hazmat planning and response activities.

The RHMEPP provides an administrative framework for hazmat planning and response in the areas served by the Missouri Region A Urban LEPD and Kansas Mid-America LEPC that include Cass, Clay, Jackson, Platte, and Ray Counties in Missouri, and Johnson, Leavenworth, and Wyandotte Counties in Kansas. Through Mid-America HEPA, the LEPC and LEPD strive to implement a Whole Community approach as promoted by the National Preparedness Goal, by working with private industry and the public safety community on behalf of our citizens, businesses, and visitors. Member organizations of Mid-America HEPA coordinate with federal agencies, as well as state, county, and local governments in both Kansas and Missouri. Toward these ends, this plan has three primary audiences: (1) emergency response agencies with roles in preparedness and response to a hazmat incident; (2) local industries that manufacture, use, store, and/or transport hazmat; and (3) the general public.

The RHMEPP is not intended to be an operational document although some portions of the plan convey information valuable for development of operational plans. Rather, it provides an administrative framework and guidance to assist emergency response agencies, local governments, and the private sector in understanding concepts underlying the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) as authorized by Title III of the Superfund Amendment Reauthorization Act (SARA) and provisions for planning for hazmat emergencies. The document serves as an emergency planning tool to facilitate effective, coordinated, multi-jurisdictional response by all personnel during a hazmat emergency. The plan also describes the roles of government and private industry to inform citizens of the inherent risks posed by hazmat present in their communities, as well as proactive steps they can take that may protect themselves, their families, and their communities.

The RHMEPP outlines actions to be taken by private industry, local governments, and other participating organizations that will: (1) identify and communicate risks to communities of a hazardous substance release, (2) coordinate response efforts of local jurisdictions, (3) describe response capabilities, and (4) maximize the effectiveness of response organizations comprising the Missouri Region A Urban LEPD and Kansas Mid-America LEPC. Local emergency operation plans should be updated to reflect LEPC/LEPD administrative functions and planning guidance resources. Additionally, local jurisdictions should identify roles and responsibilities of the LEPC/LEPD within their respective local emergency operations plans (LEOP).

While this plan focuses on hazmat emergencies, it may be useful in other all-hazards emergency preparedness activities. Hazmat is present in every jurisdiction within the Mid-America HEPA Region—on our highways and rail lines, in our airports and shipping ports, in businesses and industry, and in our homes. Consequently, incidents involving floods, fires, or tornadoes are also likely to include hazmat. Additionally, while this document is not intended to address acts of terrorism involving weapons of mass

destruction, information contained herein may be useful to support preparedness, prevention, and protection efforts regarding these types of incidents.

Local jurisdictions are required to maintain a LEOP that includes a hazmat annex. This plan is regional in scope and offers guidance on planning and response to hazmat incidents in the eight-county area served by Mid-America HEPA. However, the RHMEPP can support development of LEOPs and response procedures as a resource to facilitate the planning process. The plan informs emergency response agencies, local governments, and the private sector about hazmat planning efforts regarding mitigation, preparedness, response, and recovery activities. Local jurisdictions may elect to adopt this plan, in whole or part, to augment LEOPs. The RHMEPP embraces the concepts of the National Preparedness System and the National Incident Management System (NIMS).

Authorities for this document are set forth by SARA Title III; Division 40, Chapter 4, *Missouri Code of State Regulations* , *Revised Statutes of Missouri*, Sections 292.600 to 292.625; and by the *Kansas Administrative Regulations* (KAR) 28.65.1 to 28.65.4, *Kansas Statutes Annotated* (KSA) Chapter 48, Article 9, Executive Reorganization Order No. 29, and KSA Sections 65.5703-5705 and 057-0021-K.

This plan will undergo annual review and update as warranted by Mid-America HEPA. This document supersedes all previous versions issued by the Mid-America LEPC. Mid-America HEPA welcomes your comments for improving this plan. Please direct comments and suggestions to Mid-America HEPA care of MARC Emergency Services , 600 Broadway, Suite 200, Kansas City, Missouri 64105-1554, or via e-mail to **mmatheis@marc.org**

Sincerely,

James Zeeb
Chair, KS Mid-America LEPC

Scott Munk
Chair, MO Region A LEPD

Jason Bonney
Vice Chair, MO Region A LEPD

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Record of Amendments

Change Number	Change Description	Section Number	Change Date
1	Replaced Mid-America Local Emergency Planning Committee (LEPC) with Missouri Region A Urban Local Emergency Planning District (LEPD) and Kansas Mid-America LEPC	Global	September 2021
2	Updated LEPC and LEPD leadership	Cover, pg. v	September 2021
3	Linked Table of Contents to document headings, tables, and figures	Pgs. vi-ix	September 2021
4	Updated Record of Amendments	Pg. x	September 2021
5	Added subsection describing organizational structure of Mid-America Hazmat Emergency Preparedness Alliance (HEPA)	Pg. xi	September 2021
6	Updated all figures/maps and data in existing tables	Global	September 2021
7	Updated tables listing hazardous materials (hazmat) incidents and chemical facilities; removed Toxic Release Inventory (TRI) tables and figure; added new tables of extremely hazardous substances (EHS) facilities; and added section describing Trends in Hazmat Transportation	Sections 2.1 and 2.2	September 2021
8	Added table of airports storing bulk quantities of aviation fuel and tables of hazmat transported via waterway	Sections 2.2.6 and 2.2.7	September 2021
9	Added regional and county statistics for vulnerable populations and associated figures/maps	Section 2.3 and Appendix C	September 2021
10	Updated spill reporting flowchart to include transportation incidents	Section 3.7.2	September 2021
11	Added links to MARC's Tier II web map application	Sections 2.2., 4.1.1, 5.4.2, and Appendix B	September 2021
12	Updated list of hospitals with decontamination capabilities and specialized burn patient care/units	Section 5.5.1	September 2021
13	Added 2021 Kansas hazmat/oil spill statute	Section 5.5.3	September 2021
14	Updated references to county-level hazard mitigation plans	Section 5.6	September 2021
15	Updated Stakeholder Contact Information Lists; added links to pipeline operator profiles; and added list of Frequently Called Numbers for local, state, and federal agencies	Appendix A	September 2021
16	Updated county maps of vulnerable populations/locations	Appendix C	September 2021
17	Updated Kansas Tier II Reporting Forms and process	Appendix D	September 2021
18	Updated Spill Notification Forms; tables of spill reporting processes; and contact information for reporting chemical and petroleum spills in Kansas and Missouri	Appendix G	September 2021
19	Added Acronyms List	Appendix J	September 2021
20	Hazardous Material Resource Guide	Appendix H	November 2021

Distribution List

This plan is made available to the following organizations within eight Kansas and Missouri counties served by the Mid-America Hazmat Emergency Preparedness Alliance (HEPA):

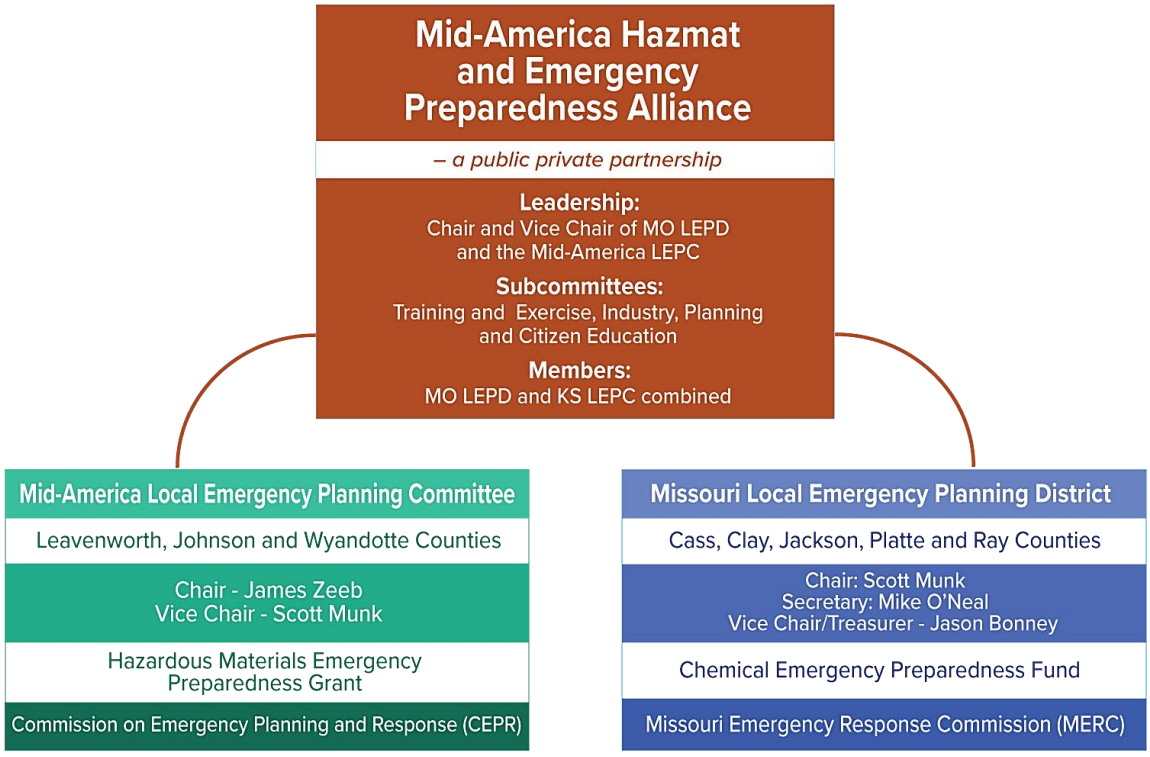
- Law Enforcement Agencies
- Fire Departments and Districts
- Emergency Management Agencies
- Emergency Medical and Healthcare Agencies
- Local, State, and Federal Government Entities
- Human Services and other Voluntary Agencies
- Tier II and Risk Management Program Facilities.

See **Appendix A** for a full list of all the agencies and regulated facilities.

Mid-America HEPA Organization

Development of the Regional Hazardous Materials Emergency Preparedness Plan (RHMEPP) is coordinate among stakeholders within the Missouri Region A Urban Local Emergency Planning District (LEPD) and Kansas Mid-America Local Emergency Planning Committee (LEPC). In a collaborative effort, these organizations established Mid-America HEPA to ensure ongoing cooperation in hazmat planning and response activities. Figure 1 below depicts the organization of Mid-America HEPA and lists key leadership positions.

Figure 1: Mid-America HEPA Organization



BASE PLAN

1. Introduction

1.1 Purpose

The purpose of this plan is to identify the policies and procedures for select stakeholders served by Mid-America Hazmat Emergency Preparedness Alliance (HEPA) for management of hazardous materials (hazmat) incidents. This plan is intended to prepare local governments, private industry, and public safety agencies operating within the Mid-America HEPA's area to respond to, and minimize negative impacts of a hazmat release on human health and the environment. In this plan, references of Mid-America HEPA area and Mid-America Regional Council (MARC) planning area are used interchangeably.

1.2 Objectives

This plan achieves the following objectives:

- Meets federal and state requirements for establishment of policies and procedures regarding local hazmat incident notification, response, coordination, and other elements.
- Provides information about hazmat to various audiences to promote understanding of risk and reduce impacts of hazmat incidents within Mid-America HEPA's planning area.
- Identifies key stakeholders and interagency relationships necessary to achieve a coordinated response to a hazmat incident within Mid-America HEPA's planning area.
- Provides guidance for public access to community right-to-know information in accord with the Emergency Planning and Community Right-To-Know Act of 1986 (EPCRA).
- Helps local jurisdictions meet requirements for emergency hazmat planning pursuant to state and federal laws. Local jurisdictions are encouraged to build upon planning information conveyed herein to better prepare their respective communities.

1.3 Data Assumptions and Disclaimer

Timely and accurate submission of large quantities of data is critical to ongoing maintenance of this plan. All information furnished by state and federal agencies was accepted as factual, and the limited confirmation activities that ensued did not refute this assumption. Similarly, information provided by representatives of local agencies and organizations was assumed accurate and current to the date designated by representatives for this information. Thus, Mid-America Regional Council (MARC) makes no representations or warranties regarding the accuracy of data or maps. MARC shall not be liable under any circumstances for any direct, special, incidental, or consequential damages with respect to claims by any user or third party on account of or arising from use of data or maps.

1.4 Scope

Authorized by Title III of the Superfund Amendments and Reauthorization Act (SARA), EPCRA requires each state to administer a State Emergency Response Commission (SERC). The Missouri Emergency

Response Commission (MERC) and Kansas Commission on Emergency Planning and Response (CEPR) serve as the SERC in each state, respectively.

A regional local emergency planning area also exists that includes local jurisdictions within both Missouri and Kansas to maximize planning resources and address hazmat threats and incidents affecting the entire Mid-America HEPA planning region. Mid-America HEPA consists of the Missouri Region A Urban Local Emergency Planning District (LEPD) and Kansas Mid-America Local Emergency Planning Committee (LEPC). The Missouri Region A Urban LEPC includes representatives from Cass, Clay, Jackson, Platte, and Ray Counties. The Kansas Mid-America includes representatives from Johnson, Leavenworth, and Wyandotte Counties. Figure 2 below shows the jurisdictions served by Mid-America HEPA.

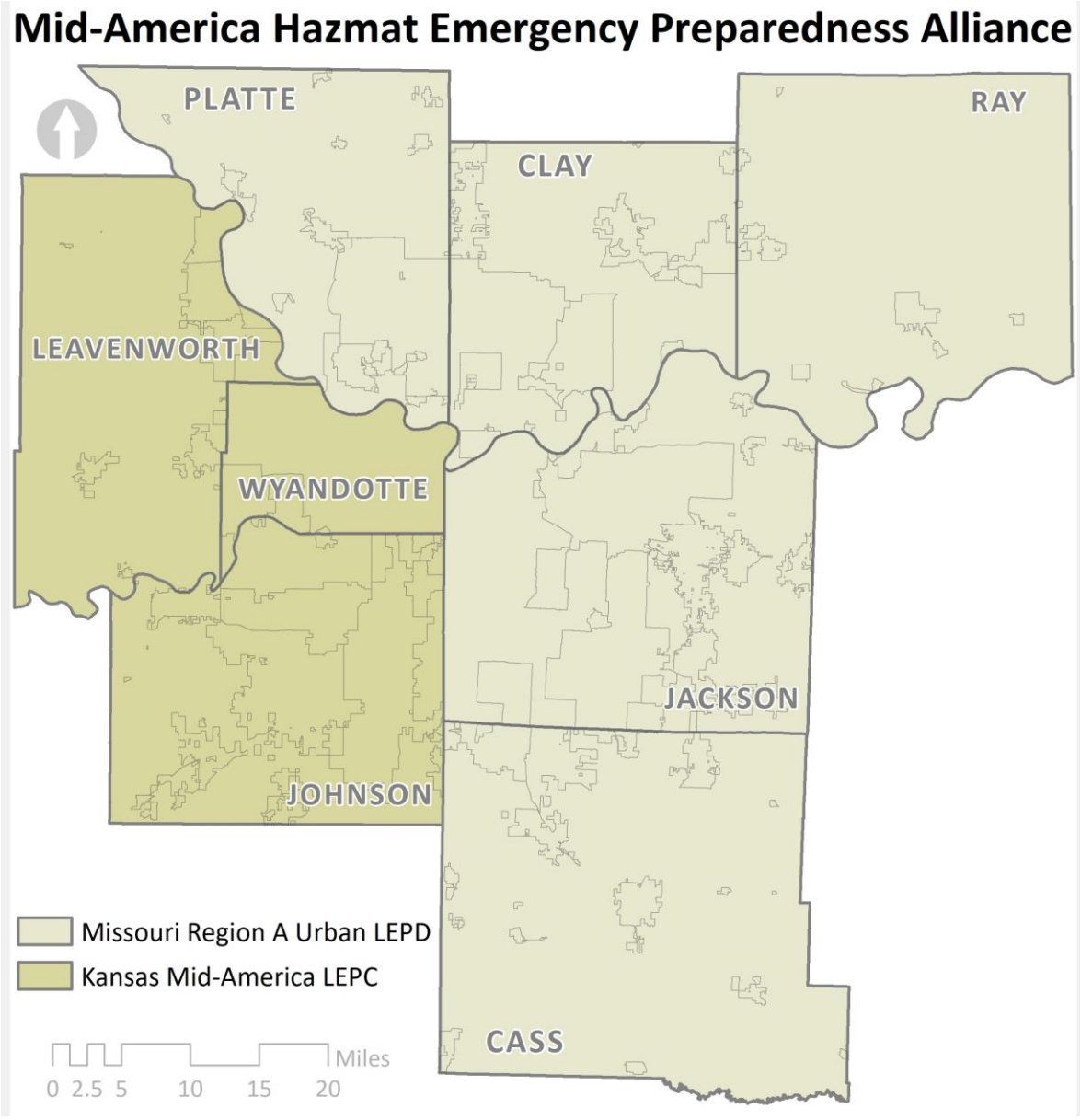


Figure 2: Jurisdictions Served by Mid-America HEPA

EPCRA requires that Mid-America HEPA jurisdictions submit a plan that meets requirements of *United States Code* (USC) Title 42 Chapter 116 Subchapter 1 – Emergency Planning and Notification § 11003 (a)-(g). As per § 11003 (c), the plan shall include:

(1) Identification of facilities subject to the requirements of this subchapter that are within the emergency planning district, identification of routes likely to be used for transport of substances on the list of extremely hazardous substances (EHS), and identification of additional facilities contributing or subjected to additional risk due to their proximity to facilities subject to the requirements of this subchapter, such as hospitals or natural gas facilities.

(2) Methods and procedures to be followed by facility owners and operators, as well as local emergency and medical personnel, to respond to any release of such substances.

(3) Designation of a community emergency coordinator and facility emergency coordinators, who shall make determinations necessary to implement the plan.

(4) Procedures for facility emergency coordinators and the community emergency coordinator to provide reliable, effective, and timely notification of a release to persons designated in the emergency plan, and to the public.

(5) Methods for determining occurrence of a release, and the area or population likely to be affected by the release.

(6) A description of emergency equipment and facilities in the community and at each facility in the community subject to the requirements of this subchapter, and identification of persons responsible for such equipment and facilities.

(7) Evacuation plans, including provisions for a precautionary evacuation and alternative traffic routes.

(8) Training programs, including schedules for training of local emergency response and medical personnel.

(9) Methods and schedules for exercising the emergency plan.

EPCRA also stipulates operational, membership, governance, and reporting requirements for LEPCs.[1]

1.5 PLAN ORGANIZATION

This plan consists of a Base Plan and multiple Appendices. The intended Base Plan audience consists of government officials, emergency response agency leadership and personnel, and critical industry partners. The plan describes the hazmat present in the LEPC and LEPD planning areas, and contains supporting documents that explain how the LEPC/LEPD developed guidance and how that guidance should be integrated into local plans, including:

- Overall guide for hazmat emergency management activities for jurisdictions within the Mid-America LEPC.
- Policies and regulations that govern hazmat releases and responsibilities for emergency response functions.
- Capacities of local hazmat response teams and processes to coordinate them.
- Supporting documentation.

[1] U.S. Government Publishing Office (Ed.). (2011). *United States Code* (USC) Title 42, Chapter 116 Emergency Planning and Community Right to Know. Retrieved July 16, 2019, from https://www.govinfo.gov/content/pkg/USCODE-2011-title42/html/USCODE-2011-title42-chap116.htm

The plan's Appendices provide additional details regarding components of the plan. Metadata for the associated graphics in this plan are accessible to readers via MARC's Geographic Information Systems (GIS) SharePoint site. For access, contact MARC at 816-701-8320 or **mmatheis@marc.org**.

1.6 Integration with Other Plans

1.6.1 Regional Coordination Guide

The Kansas City Metropolitan Area Regional Coordination Guide (RCG) is an all-hazards, capabilities-based guide designed to address hazards potentially affecting the Kansas City metropolitan area. The RCG provides tools such as initial response checklists that may be helpful during an emergency. RHMEPP content has been cross referenced with the RCG to ensure accuracy of complementary information.

The RCG includes an Emergency Support Function (ESF) #10 Oil and Hazardous Materials Annex[2] to the RCG that addresses local and regional hazmat plans, regionally available hazmat resources and specially trained personnel, state and federal specialized resources and personnel, and regional coordination and information sharing activities to be accomplished in a hazmat incident The RCG and ESF #10 Annex furnish coordination guidance to stakeholders and are not designed as full operational plans.

1.6.2 Local Emergency Plans

Underlying all hazmat emergency response activities in the Mid-America HEPA planning area are the emergency operations plans developed by each local jurisdiction and emergency services agency.

The RHMEPP does not supersede other emergency plans, but rather provides guidance from a regional perspective to stakeholder organizations that can be used during emergency planning efforts. This plan does not replace or substitute local emergency operations plans (LEOP). Operational guidance for incident response appears primarily in LEOPs.

1.7 Legal Authorities

This plan accords with the following relevant federal, state, and local regulations:

- *Kansas Administrative Regulations* (KAR) 28.65.1-28.65.4
- Kansas Executive Reorganization Order No. 29
- *Kansas Statutes Annotated* (KSA) Chapter 48, Article 9
- KSA Sections 65.5703-5705 and 057-0021-K
- *Missouri Code of State Regulations*, Division 40, Chapter 4
- *Missouri Revised Statutes*, Sections 292.600-292.625
- SARA Title III of 1986 – EPCRA, Title 42 Chapter 116 Subchapter 1 – Emergency Planning and Notification § 11003 (a-g).

A comprehensive and detailed listing of legal authorities is available for reference in **Appendix B.**

[2] Kansas City Metropolitan Area Regional Coordination Guide (RCG), ESF #10 Oil and Hazardous Materials Annex. Retrieved July 21, 2021, from https://www.marc.org/Emergency-Services-9-1-1/MEMC/Other-Resources/Regional-Coordination-Guide.

2. Situation

2.1 Hazardous Material Release Incidents

2.1.1 National Response Center

The National Response Center (NRC) is the federal point of contact designated for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment, anywhere in the United States and its territories. It serves as an emergency call center that fields initial reports for pollution and forwards that information to appropriate state and federal agencies for response. The NRC accepts and documents reported releases of hazardous substances and petroleum discharges regardless of the quantity reported. Consequently, some NRC incident reports involve releases/discharges in quantities below the threshold reporting requirement for a particular hazmat. Table 1 below lists all hazmat incidents reported to the NRC from January 1, 2016, through August 30, 2021—including incidents involving spills/releases that may be below threshold reporting requirements.

Table 1: Number of Incidents by County (2016-2021)

Incident Type	Kansas			Missouri				
	Johnson	Leavenworth	Wyandotte	Cass	Clay	Jackson	Platte	Ray
Fixed Facility	45	6	25	4	20	49	6	2
Mobile	22	1	16	1	9	16	2	1
Aircraft	1	–	–	–	–	–	1	–
Pipeline	1	4		4	3	8	3	
Railroad	2	1	14	2	26	23	1	–
Railroad Non-Accident Release	21	2	18	3	4	32	5	2
Storage Tank	7	–	5	2	8	12	–	1
Vessel		–	–	–	2	–	–	–
Unknown Sheen	1	–	1	1	1	11	1	–
Totals	**193 Incidents**			**265 Incidents**				

Note: National Response Center data retrieved on August 31, 2021, from https://nrc.uscg.mil/.

Of the 459 incidents listed in Table 1, 307 incidents (73 percent) reported to NRC involved U.S. Department of Transportation (USDOT) Hazard Class 3 materials (flammable/combustible liquids) including transformer oil, lubricants, crude oil, jet fuel, gasoline, and diesel fuel. About 7 percent involved sulfuric acid and other Hazard Class 8 corrosive materials. Non-flammable and non-toxic gases also comprised 7 percent of incidents occurring during the reporting period. The remaining 9 percent of reported spills/releases involved a variety of hazmats including Hazard Class 5 (oxidizers) and Hazard Class 9 (miscellaneous) materials. Notably, 18 hazmat incidents reported to NRC involved releases of Hazard Class 2.3 (toxic gases) materials. Designated EHSs under EPCRA and toxic inhalation hazards (TIH) by USDOT, the following Hazard Class 2.3 releases occurred over the reporting period: anhydrous ammonia (9), ethylene oxide (5), sulfur dioxide (2), and chlorine (2).

Of the 458 know hazmat incidents in MARC's planning area during the reporting period, 265 occurred in Missouri counties and 193 were reported in Kansas. In terms of incident type, the largest proportion of incidents in the combined planning area occurred at fixed facilities, with 157 incidents (34.2 percent) reported spills/releases. Non-accident railroad releases (NARR) ranked second with 87 incidents (19.0 percent). This type of incident includes any spill/release occurring while a hazmat is in a railroad's possession and not caused by a derailment or other rail-related accident. Typically, NARRs occur during loading/unloading activities. Rail and over-the-road (OTR) transport incidents accounted for 15.0 and 14.8 percent of spills/releases in the region, respectfully. Notably, most hazmat incidents reported by railroads involved small oil/fuel releases in/near rail yards from machinery and OTR vehicles. Storage tank incidents, although occurring at facilities and tracked separately by the

NRC, accounted for 7.6 percent (35 spills) of incidents in the planning area. A significant but lesser number of pipeline incidents (23 spills) accounted for 3.5 percent of hazmat incidents. With just four incidents reported, aircraft and vessel-related spills/releases accounted for less than 1 percent of all incidents reported to the NRC over the reporting period.

2.2 REGIONAL HAZMAT FACILITIES

For planning purposes, regional hazmat facilities addressed by the RHEMPP include certain regulated facilities that use/store hazmat, including EHSs. An interactive web map application showing locations of hazmat facilities (i.e., Non-EHS Tier II, EHS-Tier II) is available on the **MARC website**. Contact information pertaining to these facilities is in **Appendix A**.

2.2.1 Facilities

The Mid-America HEPA planning area is home to a variety of facilities housing numerous chemicals. Based on the type of chemical and quantity, facilities using/storing hazmat are subject to different federal reporting requirements, which are summarized as follows:

2.2.1.1 Tier II Hazardous Chemicals Facilities

Any substance for which a facility must keep a Safety Data Sheet (SDS) under the Occupational Safety and Health Administration's (OSHA) Hazard Communication Standard is classified as a "hazardous chemical." Facilities that use/store one or more "hazardous chemicals" must submit a Tier II reporting form. A partial list of hazardous chemicals is accessible at various EPA websites.[3]

2.2.1.2 Tier II Extremely Hazardous Substances Facilities

Within the consolidated list of hazardous chemicals, U.S. Environmental Protection Agency (EPA) designates certain chemicals as EHSs with threshold planning quantities (TPQ) and reportable quantities (RQ) assigned for each substance The Consolidated List of Chemicals Subject to EPCRA and Section 112(r) of the Clean Air Act (CAA) (also known as the List of Lists) was prepared to help facility representatives determine EPCRA reporting requirements for specific chemicals and what reports to submit. EPA's "List of Lists" should be used as a reference tool, not as a definitive source of compliance information Compliance information for EPCRA is published in the *Code of Federal Regulations* (CFR), 40 CFR Parts 302, 355, and 372.

2.2.1.3 Risk Management Program Facilities

Section 112 (r) of the CAA established Risk Management Plan (RMP) requirements for facilities processing or manufacturing one or more of 140 acutely toxic substances, flammable gases, and volatile liquids at certain threshold quantities Under these requirements, industry must prevent accidents, operate safely, and manage hazardous chemicals in a safe and responsible way through hazard assessments, prevention programs, and emergency response programs. These programs are summarized in the facility's RMP, to be submitted to EPA for review on a five-year schedule. Required planning elements of RMPs include the following:

- Off-site consequence analysis of potential releases
- Spill scenarios, including worst-case and alternate scenarios
- Five-year accident history of releases of regulated substances
- Integrated accident prevention program
- Emergency response program.
- Management system for the implementation of program elements.

[3] EPA, Consolidated List of Lists under EPCRA/CERCLA/CAA §112(r) (August 2020). Retrieved August 1, 2021 from https://www.epa.gov/sites/default/files/2015-03/documents/list_of_lists.pdf.

2.2.1.4 CAA: Accidental Release Prevention Requirements – Risk Management Programs (2017)

This EPA Final Rule addresses requirements for regulated facilities to coordinate notification and exercises with local first responders. The rule defines three program levels based on chemical sources and processes occurring at facilities and the relative potential for public impacts and the level of effort needed to prevent accidents.[4] Each regulated facility is required to coordinate with the local emergency response agencies at least once a year to determine how the source is addressed in the community emergency response plan and to ensure that local response organizations are aware of the regulated substances, quantities of these substances, risks posed by covered processes, and resources and capabilities of the facility to respond to an accidental release of a regulated substance.

Additionally, facilities employing certain types of processes must conduct notification exercises annually to ensure that emergency contact information is accurate and complete. Many facilities are also required to conduct field exercises and tabletop exercises. A responding facility that undergoes an RMP reportable accident and documents activities in response to that accident in an after-action report may cite that response to satisfy field exercise requirements.

2.2.1.5 Regional Hazmat Risk Summary

For this plan update, Tier II and RMP data were obtained and reviewed to characterize the types and quantities of hazmat used/stored at various facilities throughout the region. Tier II facility data for the 2020 reporting period were obtained from Kansas Department of Health and Environment (KDHE) and Missouri Emergency Response Commission (MERC) in 2021. RMP facility data were accessed via EPA's Facility Registry System (FRS) on August, 30, 2021 and describe chemical facility inventories to this date . Table 2 below lists Tier II facilities that use/store one or more EHSs, Tier II facilities housing no EHS (Non-EHS facilities), and RMP chemical facilities.

Table 2: Number of Hazmat Facilities by County

County	EHS Tier II Facilities (2020)	Non-EHS Tier II Facilities (2020)	RMP Facilities (2021)
Cass (MO)	27	73	6
Clay (MO)	59	131	3
Jackson (MO)	182	331	10
Platte (MO)	30	65	4
Ray (MO)	9	32	4
Missouri Totals	**307**	**632**	**27**
Johnson (KS)	59	298	11
Leavenworth (KS)	9	66	3
Wyandotte (KS)	62	159	9
Kansas Totals	**130**	**523**	**23**
Regional Totals	**437**	**1,155**	**50**

Notes: EHS Extremely hazardous substance RMP Risk Management Plan

See **Appendix C** for additional hazard information and population vulnerability maps. Tables 3 and 4 on the following pages list Tier II EHS facilities within Mid-America HEPA's planning area that reported maximum daily amounts of EHS exceeding 1,000 pounds during the 2020 reporting period.

[4] https://www.epa.gov/sites/production/files/2013-10/documents/chap-02-final.pdf

EPCRA mandates that facilities report EHS used/stored in the previous year leading up to the annual reporting deadline. Based on Tier II data provided to MERC by facility representatives up to June 18, 2021, facilities in the Missouri Region A Urban LEPD collectively possess 43 unique EHSs. Of the 280 Tier II EHS facilities in the LEPD, 248 facilities reported use/storage of EHS only as electrolyte in lead-acid batteries. Based on limited risks posed by use and storage of lead-acid batteries, Table 3 below lists 32 Tier II EHS facilities that reported maximum daily amounts of EHS—other than lead-acid batteries—exceeding 1,000 pounds during the 2020 reporting period.

Table 3: MO Region A Urban LEPD Facilities Reporting Maximum Daily EHS Over 1,000 Pounds

					Physical State					Primary Hazards					
Facility Name	**City/Town**	**EHS Name**	**Max. Daily Amount (lb)**	**Avg. Daily Amount (lb)**	**Solid**	**Liquid**	**Gas**	**Pure**	**Mixture**	**Explosive**	**Flammable**	**Oxidizer**	**Corrosive**	**Acute Toxin**	**Carcinogen**
Cass County															
ROM Corporation	Belton	Sulfuric Acid	74,999	50,000					X				X	X	X
MoKan Seed & Chemical LLC	Harrisonville	Anhydrous Ammonia	499,999	100,000		X			X	X	X			X	
MoKan Seed & Chemical LLC	Harrisonville	Paraquat Dichloride	9,999	5,000		X			X				X	X	
Nutrient Ag Solutions	Harrisonville	Awaken 16-0-2	24,999	10,000		X			X				X		
Wal-Mart Grocery	Harrisonville	Anhydrous Ammonia	74,999	50,000		X		X		X	X			X	
West Central Agri-Services	Harrisonville	Anhydrous Ammonia	9,999,999	500,000		X		X		X	X			X	
Clay County															
Ford Motor Company	Claycomo	Formaldehyde	999,999	100,000		X			X		X			X	X
Ford Motor Company	Claycomo	Hydrogen fluoride	49,999	24,999		X			X				X	X	
Ford Motor Company	Claycomo	Nitric Acid	99,998	74,998		X			X		X	X	X	X	
Ford Motor Company	Claycomo	Sulfuric Acid	499,999	100,000		X			X				X	X	X
American Italian Pasta Company	Excelsior Springs	Sulfuryl Fluoride	24,999	10,000			X	X					X	X	
Kansas City Grease	Kansas City	Sulfuric Acid	24,999	9,999		X			X				X	X	X
KCMO Water Treatment Plant	Kansas City	Anhydrous Ammonia	49,999	24,999			X	X		X				X	
KCMO Water Treatment Plant	Kansas City	Chlorine	499,999	100,000			X	X				X		X	
Mr. Dell's Foods, LLC	Kearney	Anhydrous Ammonia	9,999	5,000			X	X		X				X	
Ingredion Inc.	North Kansas City	Sulfuric Acid	499,999	100,000		X		X					X	X	X
Polynt Composites USA, Inc	North Kansas City	Hydroquinone	4,999	1,000		X					X		X	X	
Tnemec Company, Inc.	North Kansas City	Phenol	4,999	1,000		X		X			X			X	
USG Corporation	North Kansas City	Cyclohexylamine	9,998	2,000		X			X		X			X	
Veseris	North Kansas City	Methyl Bromide	4,999	1,000		X		X			X		X	X	
Veseris	North Kansas City	Phosphine	24,999	10,000			X		X				X	X	
Veseris	North Kansas City	Aluminum Phosphide	4,999	1,000	X				X		X			X	

Table 3: MO Region A Urban LEPD Facilities Reporting Maximum Daily EHS Over 1,000 Pounds

Facility Name	City/Town	EHS Name	Max. Daily Amount (lb)	Avg. Daily Amount (lb)	Physical State					Primary Hazards					
					Solid	Liquid	Gas	Pure	Mixture	Explosive	Flammable	Oxidizer	Corrosive	Acute Toxin	Carcinogen
Jackson County															
Blue Valley Power Plant and Service Center	Independence	Sulfuric Acid	99,999	74,999		X		X					X	X	X
Lake City Ammunition Plant	Independence	Sulfuric Acid	524,998	124,998		X			X				X	X	X
Unilever Manufacturing, Inc.	Independence	Sulfuric Acid	499,999	100,000		X		X					X	X	X
BCS-Hawthorn	Kansas City	Sulfuric Acid	499,999	100,000		X		X					X	X	X
Brenntag Mid-South, Inc	Kansas City	Sulfuric Acid	174,993	89,993		X			X				X	X	X
Hallmark Cards	Kansas City	Sulfuric Acid	24,999	9,999		X			X				X	X	X
Hawthorn	Kansas City	Sulfuric Acid	4,999	1,000		X		X					X	X	X
US Dept. of Energy, KCNSC	Kansas City	Sulfuric Acid	24,999	10,000		X		X					X	X	X
Missouri Plant	Kansas City	Sulfuric Acid	24,999	9,999		X		X					X	X	X
Valicor Environ. Services	Kansas City	Sulfuric Acid	49,999	25,000		X			X				X	X	X
Platte County															
Woodbridge Corporation	Riverside	Toluene Diisocyanate	499,999	99,999		X			X		X		X	X	
Iatan	Weston	Sulfuric Acid	499,999	100,000		X			X				X	X	X
Iatan	Weston	Anhydrous Ammonia	499,999	100,000		X			X	X	X			X	
City of Weston Water Plant	Weston	Chlorine	4,999	1,000			X	X				X		X	
Ray County															
MFA Agri-Service	Orrick	Anhydrous Ammonia	999,999	75,000			X		X	X	X			X	
Arnette Polymers, LLC	Richmond	Epichlorohydrin	499,999	100,000		X			X		X			X	X
Rhino Linings Corporation	Richmond	Isophorone Diisocyanate	9,998	2,000		X			X		X		X	X	
Richmond Facility	Richmond	Vinyl Acetate	999,999	499,999		X		X			X				

Notes:

Collectively, facilities reported sulfuric acid electrolyte in batteries at a daily average amount of 1,293,850 lb and maximum amount of 1,915,540 lb. Facilities reporting only this EHS are included in **Appendix A**.

EHS Extremely hazardous substance
lb Pounds
LEPD Local Emergency Planning District
MO Missouri

Tier II data provided to KDHE by facility representatives up to April 16, 2021, indicate that facilities in the Kansas Mid-America LEPC collectively possess 45 unique EHS chemicals. Of the 130 Tier II EHS facilities in the LEPC, 74 facilities reported use/storage of EHS only as electrolyte in lead-acid batteries. Based on limited risks posed by use and storage of lead-acid batteries, this plan focuses on facilities that possess other types of EHS. Consequently, Table 4 below lists 56 Tier II EHS facilities that reported maximum daily amounts of EHS—other than lead-acid batteries—exceeding 1,000 pounds during the 2020 reporting period.

Table 4: Kansas Mid-America LEPC Facilities Reporting Maximum Daily EHS Over 1,000 Pounds

					Physical State					Primary Hazards					
Facility Name	City/Town	EHS Name	Max. Daily Amount (lb)	Avg. Daily Amount (lb)	Solid	Liquid	Gas	Pure	Mixture	Explosive	Flammable	Oxidizer	Corrosive	Acute Toxin	Carcinogen
Johnson County															
Intervet DBA Merck Animal Health	Desoto	Formaldehyde	9,083	1,740		X			X		X			X	X
Intervet DBA Merck Animal Health	Desoto	Nitric Acid	1,143	1,143		X			X		X	X	X	X	
Edgerton Cooperative	Edgerton	Anhydrous Ammonia	378,000	150,000		X	X			X	X			X	
Coldpoint Logistics Warehouse	Edgerton	Anhydrous Ammonia	62,899	62,899		X	X			X	X			X	
SCP Distributors - #20	Lenexa	Hydrochloric Acid	47,870	13,800		X		X				X			
Kocher & Beck USA	Lenexa	Chlorine	16,000	8,000		X	X					X		X	
Heartland Coca Cola	Lenexa	Anhydrous Ammonia	8,900	8,900		X	X			X	X			X	
Fabriclean	Lenexa	Hydrogen Peroxide	7,800	6,500		X			X			X		X	
Fabriclean	Lenexa	Chlorine	4,125	1,150		X	X					X		X	
Cricket Communications	Lenexa	Sulfuric Acid	4,595	4,595		X			X				X	X	X
Disposable Instrument Company	Lenexa	Sulfuric Acid	2,868	2,868		X			X				X	X	X
Shasta Beverages Co. Inc.	Lenexa	Anhydrous Ammonia	2,100	1,700		X	X			X	X			X	
Upfield Sourcing US Inc.	New Century	Anhydrous Ammonia	61,000	61,000		X	X			X	X			X	
CFS West Holdings Inc.	New Century	Anhydrous Ammonia	30,000	30,000		X	X			X	X			X	
CFS West Holdings Inc.	New Century	Sulfuric Acid	16,852	16,042		X			X				X	X	X
Upfield Sourcing US Inc.	New Century	Sulfuric Acid	15,313	15,313		X			X				X	X	X
Upfield Sourcing US Inc.	New Century	Nitric Acid	3,272	1,636		X			X		X	X	X	X	
Heartland Precision Fasteners	New Century	Hydrochloric Acid	2,500	2,500		X		X				X			
Heartland Precision Fasteners	New Century	Sulfuric Acid	2,000	2,000		X			X				X	X	X
Kerry	New Century	Sulfuric Acid	1,411	1,411		X			X				X	X	X
CFS West Holdings Inc.	New Century	Nitric Acid	1,116	372		X			X		X	X	X	X	
Foodbrands Supply Chain Services	Olathe	Anhydrous Ammonia	96,461	96,461		X	X			X	X			X	
Olathe Water Treatment Plant #2	Olathe	Hydrochloric Acid	56,890	35,805		X		X				X			
Sysco Kansas City Inc.	Olathe	Anhydrous Ammonia	17,050	17,050		X	X			X	X			X	
ExxonMobil Olathe Grease Plant	Olathe	Aniline	12,000	6,000		X		X			X			X	

Table 4: Kansas Mid-America LEPC Facilities Reporting Maximum Daily EHS Over 1,000 Pounds

Facility Name	City/Town	EHS Name	Max. Daily Amount (lb)	Avg. Daily Amount (lb)	Physical State					Primary Hazards					
					Solid	Liquid	Gas	Pure	Mixture	Explosive	Flammable	Oxidizer	Corrosive	Acute Toxin	Carcinogen
Johnson County															
ExxonMobil Olathe Grease Plant	Olathe	Cyclohexylamine	11,000	8,500		X		X			X			X	
Aldi Inc.	Olathe	Anhydrous Ammonia	9,300	9,300		X	X			X	X			X	
Performance Plating & Polishing	Olathe	Sulfuric Acid	2,700	2,700		X			X				X	X	X
Universal Engraving Inc.	Overland Park	Sulfuric Acid	1,400	1,400		X			X				X	X	X
Cardinal Health	Overland Park	Formaldehyde	1,219	1,187		X			X		X			X	X
Elanco US Inc.	Shawnee	Sulfuric Acid	34,600	24,800		X			X				X	X	X
Elanco US Inc.	Shawnee	Coumaphos	11,025	9,261	X									X	
McLane Foodservice	Shawnee	Anhydrous Ammonia	9,100	9,100		X	X			X	X			X	
Interline Brands	Shawnee	Sulfuric Acid	8,068	8,068		X			X				X	X	X
EC Manufacturing LLC	Shawnee	Nicotine	7,145	183		X			X						
Legacy Technologies LLC	Shawnee Mission	Anhydrous Ammonia	5,999	5,999		X	X			X	X			X	
Legacy Technologies LLC	Shawnee Mission	Hydrochloric Acid	3,120	3,120		X		X				X			
Legacy Technologies LLC	Shawnee Mission	Sulfuric Acid	1,200	1,200		X			X				X	X	X
Farmer's Union Cooperative	Spring Hill	Anhydrous Ammonia	121,259	11,000		X	X			X	X			X	
Flat Glass North America	Spring Hill	Sulfuric Acid	73,404	73,404		X			X				X	X	X
AGC Flat Glass North America	Spring Hill	Anhydrous Ammonia	9,300	4,650		X	X			X	X			X	
AGC Flat Glass North America	Spring Hill	Nitric Acid	8,400	4,900		X			X		X	X	X	X	
AGC Flat Glass North America	Spring Hill	Sulfur Dioxide	1,950	1,350			X	X						X	
Leavenworth County															
National Cold Storage Inc.	Bonner Springs	Sulfuric Acid	8,698	8,048		X			X				X	X	X
National Cold Storage Inc.	Bonner Springs	Anhydrous Ammonia	8,502	8,502		X	X			X	X			X	
Drexel Chemical Company	Leavenworth	Quik-Quat	16,813	12,266		X			X				X		
Heatron Inc.	Leavenworth	Hydrochloric Acid	4,000	2,000		X		X				X			
Heatron Inc.	Leavenworth	Sulfuric Acid	2,300	1,150		X			X				X	X	X
McGraw Fertilizer Service Inc.	Tonganoxie	Anhydrous Ammonia	315,000	150,000		X	X			X	X			X	

Table 4: Kansas Mid-America LEPC Facilities Reporting Maximum Daily EHS Over 1,000 Pounds

Facility Name	City/Town	EHS Name	Max. Daily Amount (lb)	Avg. Daily Amount (lb)	Physical State					Primary Hazards					
					Solid	Liquid	Gas	Pure	Mixture	Explosive	Flammable	Oxidizer	Corrosive	Acute Toxin	Carcinogen
Wyandotte County															
Brill Inc	Bonner Springs	Anhydrous Ammonia	14,696	14,696		X	X			X	X			X	
Lineage Logistics	Edwardsville	Anhydrous Ammonia	134,914	105,997		X	X			X	X			X	
Sunopta	Edwardsville	Anhydrous Ammonia	8,000	8,000		X	X			X	X			X	
Earp Meat Company	Edwardsville	Anhydrous Ammonia	4,710	4,710		X	X			X	X			X	
Harcros Chemicals Inc.	Kansas City	Ethylene Oxide	1,630,054	788,334		X			X					X	X
Harcros Chemicals Inc.	Kansas City	Propylene Oxide	1,050,874	347,942		X	X	X			X			X	X
Reagent Chemical & Research	Kansas City	Hydrochloric Acid	570,000	380,000		X		X				X			
Procter & Gamble Mfg. Company	Kansas City	Sulfuric Acid	497,258	56,937		X			X				X		X
Harcros Chemicals Inc.	Kansas City	Hydrochloric Acid	458,972	159,389		X		X				X			
GNB KCK LLC	Kansas City	Sulfuric Acid	432,608	263,534		X			X				X	X	X
BPU-Nearman Creek Power Station	Kansas City	Sulfuric Acid	381,518	161,877		X			X				X	X	X
Procter & Gamble Mfg. Company	Kansas City	Epichlorohydrin	315,252	513		X		X			X			X	X
Harcros Chemicals Inc	Kansas City	Nitric Acid	235,368	77,326		X			X		X	X	X	X	
Airgas Specialty Products	Kansas City	Anhydrous Ammonia	208,170	107,250		X	X			X	X			X	
Associated Wholesale Grocers	Kansas City	Sulfuric Acid	159,486	159,486		X			X				X	X	X
Water District 1 of JO CO-Missouri	Kansas City	Sulfuric Acid	143,820	129,030		X			X				X	X	X
Harcros Chemicals Inc	Kansas City	Hydrogen Peroxide	134,500	57,376		X			X			X		X	
Harcros Chemicals Inc	Kansas City	Aqua Ammonia	109,400	21,968		X			X				X	X	
PQ Corporation	Kansas City	Nitric Acid	109,943	66,712		X			X		X	X	X	X	
PQ Corporation	Kansas City	Sulfuric Acid	81,259	61,735		X			X				X	X	X
Gm Fairfax Assembly	Kansas City	Sulfuric Acid	80,057	52,853		X			X				X	X	X
Procter & Gamble Mfg. Company	Kansas City	Vanadium Pentoxide	66,443	66,443	X									X	X
Water Dist. 1 JO CO-Hansen Plant	Kansas City	Chlorine	64,000	47,667		X	X					X		X	
Water Dist. 1 JO CO-Kansas River	Kansas City	Sulfuric Acid	60,435	55,909		X			X				X	X	X
Hillshire Brands Co	Kansas City	Anhydrous Ammonia	54,685	54,685		X	X			X	X			X	
Water Dist. 1 Jo Co-Wolcott Plant	Kansas City	Hydrochloric Acid	51,336	12,789		X		X				X			
BPU-Nearman Water Processing	Kansas City	Chlorine	50,000	10,500		X	X					X		X	
BPU-Quindaro Power Station	Kansas City	Sulfuric Acid	40,047	34,647		X			X				X	X	X
Univar Solutions Usa	Kansas City	Benzamine	37,599	19,880		X		X			X			X	X
Associated Wholesale Grocers	Kansas City	Anhydrous Ammonia	35,000	35,000		X	X			X	X			X	
Univar Solutions Usa	Kansas City	Hydrochloric Acid	21,231	16,873		X		X				X			

Table 4: Kansas Mid-America LEPC Facilities Reporting Maximum Daily EHS Over 1,000 Pounds

Facility Name	City/Town	EHS Name	Max. Daily Amount (lb)	Avg. Daily Amount (lb)	Physical State					Primary Hazards					
					Solid	Liquid	Gas	Pure	Mixture	Explosive	Flammable	Oxidizer	Corrosive	Acute Toxin	Carcinogen
Wyandotte County															
PQ Corporation	Kansas City	Ethylenediamine	19,085	12,913		X		X			X				
Harcros Chemicals Inc	Kansas City	Formaldehyde	18,360	7,311		X			X		X			X	X
Hillshire Brands Co	Kansas City	Sulfuric Acid	14,100	14,100		X			X				X	X	X
Napa Distribution Center	Kansas City	Sulfuric Acid	13,785	12,628		X			X				X	X	X
Liquid Environmental Solutions	Kansas City	Sulfuric Acid	11,510	8,700		X			X				X	X	X
Univar Solutions Usa	Kansas City	Hydrogen Peroxide	10,500	4,358		X			X			X		X	
Ecolab - Kansas City	Kansas City	Methyl Bromide	10,000	4,000		X	X		X						
Kansas City Steak Co LLC	Kansas City	Anhydrous Ammonia	9,500	9,500		X	X			X	X			X	
Harcros Chemicals Inc	Kansas City	Vanadium Pentoxide	9,261	2,113	X									X	X
Keebler Company (Kellogg Co.)	Kansas City	Sulfuric Acid	9,225	6,919		X			X				X	X	X
Nordic Foods Co Inc	Kansas City	Anhydrous Ammonia	9,198	9,198		X	X			X	X			X	
Best Harvest Bakeries	Kansas City	Anhydrous Ammonia	8,800	8,800		X	X			X	X			X	
Kansas City Steak	Kansas City	Anhydrous Ammonia	8,500	8,500		X	X			X	X			X	
Amsted Rail - Griffin Wheel Co.	Kansas City	Phenol	4,275	1,894		X					X			X	
Missouri Walnut Trading DBA Ohio Log Trading	Kansas City	Meth-O-Gas Q	14,700	4,000		X	X	X		X	X			X	
Harvest Meat Company	Kansas City	Anhydrous Ammonia	3,200	3,200		X	X			X	X			X	
Darling Ingredients	Kansas City	Sulfuric Acid	3,000	1,500		X			X				X	X	X
Ecolab	Kansas City	Aluminum Phosphide	3,000	1,200	X		X		X		X			X	
XPO Logistics Freight, Inc.	Kansas City	Sulfuric Acid	2,967	2,967		X			X				X	X	X
Great Wolf Lodge of Kansas City	Kansas City	Sulfuric Acid	2,625	1,312		X			X				X	X	X
Stericycle	Kansas City	Sulfuric Acid	1,843	921		X			X				X	X	X
Midwest Refrigerated Services LLC	Kansas City	Anhydrous Ammonia	1,320	1,000		X	X			X	X			X	

Notes:

Not included in the table above are facilities that collectively reported sulfuric acid electrolyte in batteries at a daily average amount of 1,097,920 lb and maximum amount of 1,470,290 lb. Facilities reporting only this EHS are included in **Appendix A**.

DBA Doing business as
EHS Extremely hazardous substance
Jo Co Johnson County
lb Pounds
LEPD Local Emergency Planning District
LLC Limited Liability Corporation

Figure 3 below illustrates locations of Tier II EHS facilities within the Mid-America HEPA planning area, including facilities such as cell tower sites and retail stores that reported use/storage of EHS only as lead-acid batteries. Listings of these locations with facility contact information are in Appendix A.

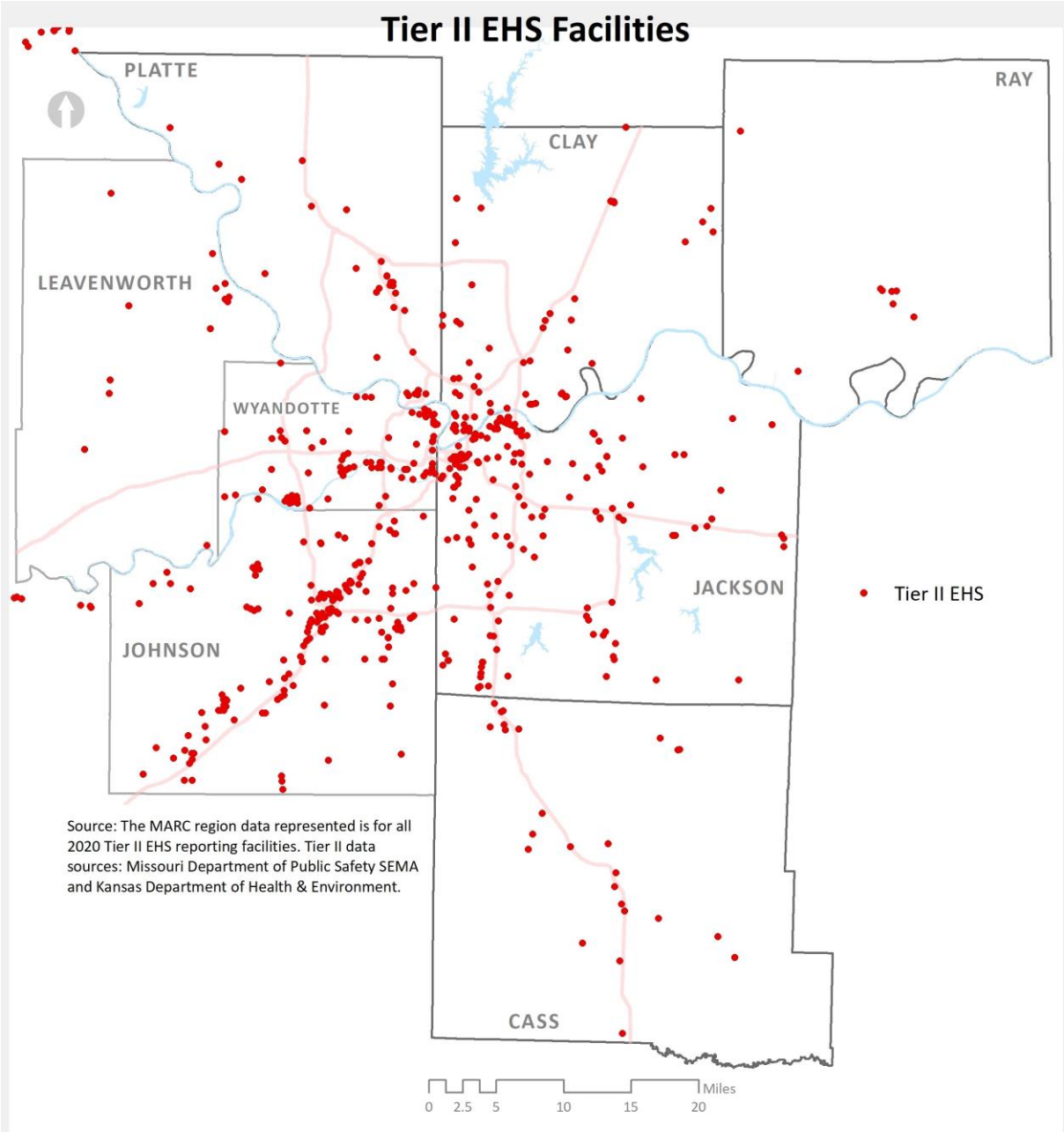


Figure 3: Tier II EHS Facilities in Mid-America HEPA's Planning Area

Table 5 lists the most prevalent chemicals used/stored among 50 RMP facilities operating in the Mid-America HEPA planning area in 2021.

Table 5: RMP Facility Chemicals, County Totals

County	Chemical Reported	Quantity (US Tons)
Cass (MO)	Ammonia (anhydrous)	152
	Flammable mixtures	4
Clay (MO)	Propane	14
	Propylene oxide [Oxirane, methyl-]	50
	Chlorine	56
	Ammonia (anhydrous)	19
	Phosphorus oxychloride	16
Jackson (MO)	Ammonia (anhydrous)	676
	Chlorine	350
	Flammable mixtures	1,500
Platte (MO)	Ammonia (anhydrous)	53
	Toluene diisocyanate	280
Ray (MO)	Ammonia (anhydrous)	722
	Epichlorohydrin [Oxirane, (chloromethyl)-]	23
	Chlorine	32
Johnson (KS)	Ammonia (anhydrous)	1,589
	Propane	6
	Toluene diisocyanate	8
	Cyclohexylamine	135
	Chlorine	28
	Butane	6
Leavenworth (KS)	Ammonia (anhydrous)	1,700
	Chlorine	443
Wyandotte (KS)	Ethylene oxide [Oxirane]	37
	Ammonia (anhydrous)	156
	Propylene oxide [Oxirane, methyl-]	189
	Ammonia (2)	200
	Chlorine	35

Comparing RMP reporting periods for facilities operating in the planning area, 48 facilities met RMP reporting requirements for the program in 2018. In 2021, 50 facilities were required to file RMPs with Region 7 EPA. While the number of RMP facilities increased by two in the planning area during this period, numbers of reportable chemicals decreased from 15 to 13 hazmats, and the overall quantity of hazmat in RMP inventories decreased from 11,108 tons to 8,479 tons—a 23.7 percent decrease
A complete listing of RMP facilities with contact information is in **Appendix A**.

Figure 4 below illustrates locations of 50 RMP facilities operating within the Mid-America HEPA planning area.

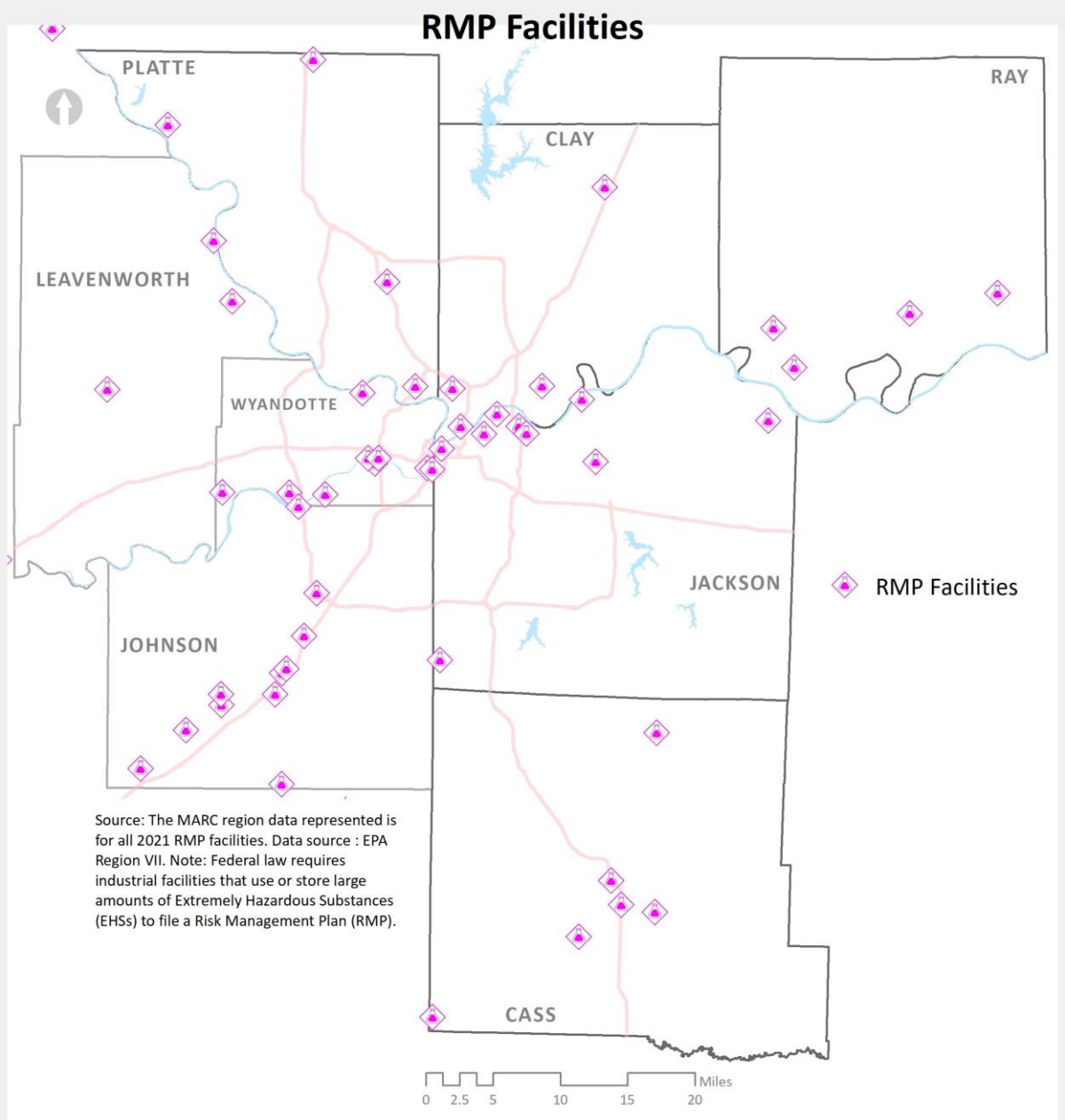


Figure 4: RMP Facilities in Mid-America HEPA's Planning Area

An interactive web map application showing locations of hazmat facilities (Non-EHS Tier II, EHS-Tier II, and RMP) is available on the **MARC website**.[5] This application provides additional information about each hazmat facility, as well as fire districts that depict the primary fire department designated to respond to each hazmat facility.

[5] Fire District and Tier II Hazards ArcGIS Map, MARC: https://www.arcgis.com/home/webmap/viewer.html?webmap=539d6f901bd64cadb783a7be4517c314&extent=-95.4266,38.4258,-93.3982,39.5043

2.2.2 Trends in Hazmat Transportation

Every 5 years, USDOT's Bureau of Transportation Statistics (BTS) publishes a comprehensive collection of national and state-level transport data regarding domestic freight shipments. In July 2020, USDOT published results of the national 2017 U.S. Hazardous Materials Commodity Flow Survey. Table 6 below lists values and quantities of hazmat shipments by mode of transport in the United States during 2012 and 2017.

Table 6: Trend in Hazmat Shipments by Mode (U.S.)

Mode of Transportation	Value (millions of dollars)			Tons (thousands)		
	2017	2012	Percent Change	2017	2012	Percent Change
Truck	1,091,250	1,466,021	–25.6	1,814,848	1,531,405	18.5
Rail	39,040	79,222	–50.7	90,387	110,988	–18.6
Water	137,109	217,816	–37.1	304,189	283,561	7.3
Air and truck	4,817	4,380	10.0	251	261	–3.9
Pipeline	339,912	537,304	–36.7	679,846	626,652	8.5
Multiple modes	68,101	29,682	129.4	78,444	27,285	187.5
Total	**1,680,231**	**2,334,425**	**–28.0**	**2,967,965**	**2,580,153**	**15.0**

Source for Tables 6 through 10: U.S. Department of Transportation, Bureau of Transportation Statistics, U.S. Department of Commerce, Census Bureau, 2017 Commodity Flow Survey (Published July 2020)

Results of the national U.S. Hazardous Materials Commodity Flow Survey examining 2017 data indicate that the quantity of hazmats shipped in the United States via various modes had increased by 15 percent since 2012. Conversely, BTS data indicate that the value of transported hazmats had decreased by 28 percent over the same period. The decrease was due to transports of low-value, high-weight commodities growing at a faster rate than high-value, low-weight hazmat commodities during the 5-year period. The report also notes a significant increase in OTR hazmat shipments (18.5 percent) and dramatic growth in multi-mode transports (187.5 percent). Rail accounted for that largest drop (18.6 percent) in amount of hazmat shipped, as well as the largest decrease in the value of hazmat shipments across all modes.

Nearly 3 billion tons of hazmat was shipped in 2017 across all modes of transport. According to related data published by USDOT in 2020, Kansas ranked 16th in the United States for inbound hazmat commodities among all states and across all modes of transport. Hazmat shipments inbound to/through Kansas accounted for about 1.7 percent of all hazmat traffic in the United States. In Missouri, hazmat comprised about 1.4 percent (by weight) of all commodity transports. States with multiple ports and harbors—Texas, Louisiana, and California—led the nation in hazmat transportation with 35, 7, and 6 percent of shipments in 2017, respectively. Table 7 below (and continued on the next page) lists hazmat commodity flows in-bound to Kansas and Missouri in 2017.

Table 7: Top-Ranked States for Inbound Hazmat Shipments – 2017 (U.S.)

State Ranking	Value ($ millions)	Tons (thousands)	Ton-miles (millions)	Average Miles per Shipment
1. Texas	507,345	971,103	93,514	83
2. Louisiana	125,535	199,253	22,581	397
3. California	99,759	210,037	22,975	189
4. Illinois	92,671	153,013	14,181	101
16. Kansas	29,877	49,910	5,599	S
23. Missouri	20,562	31,105	3,560	167
U.S. Totals	**1,680,231**	**2,967,965**	**382,472**	**189**

Notes: Ton-miles estimates are based on estimated distances traveled along a modeled transportation network.
S Withheld because estimate did not meet publication standards.

In 2017, Kansas ranked 15th in the United States for outbound hazmat shipments originating from within the State. That year, outbound hazmat shipments from Kansas to other states included 25.4 million tons of chemicals and 5.3 million tons of petroleum-based fuels. Missouri ranked 25th for outbound shipments of similar hazmats. Table 8 below lists state rankings for outbound hazmat shipments across all modes of transport.

Table 8: Top-Ranked States for Outbound Hazmat Shipments – 2017 (U.S.)

State Ranking	Value ($ millions)	Tons (thousands)	Ton-miles (millions)	Average Miles per Shipment
1. Texas	522,044	991,307	116,635	85
2. Louisiana	132,292	272,493	63,022	124
3. California	124,115	195,201	13,752	301
4. Illinois	106,163	177,294	17,676	96
15. Kansas	29,748	47,313	2,683	S
25. Missouri	17,172	20,768	1,519	112
U.S. Totals	**1,680,231**	**2,967,965**	**382,472**	**189**

Notes:

Ton-miles estimates are based on estimated distances traveled along a modeled transportation network.

S Withheld because estimate did not meet publication standards.

In terms of intra-state transports, the top hazmats shipped within Kansas in 2017 were gasoline (12.4 million tons) and fuel oils (11.0 million tons). Within Missouri, top shipments also involved various Hazard Class 3 materials, including gasoline (11.5 million tons) and fuel oils (9.2 million tons) Nationally, Hazard Class 3 (flammable and combustible liquids) materials such as these accounted for over 83 percent (by weight) of hazmat shipments in 2017. Table 9 below (and continued on the next page) lists types of hazmats shipped throughout the nation in 2017 by USDOT hazard class with relative values and weights.

Table 9: Trend in Hazmat Shipments by Hazard Class (U.S.)

Hazard Class and Description	Percent of Total Value		Percent of Total Tonnage		Ton-miles[1]	
	2017	2012	2017	2012	2017	2012
Class 1, Explosives	0.9	0.8	0.1	0.2	0.3	0.3
Class 2, Compressed Gases	6.8	5.4	7.7	6.4	7.6	10.8
Class 3, Flammable and combustible liquids	81.8	86.4	83.1	85.4	70.5	66.5
Class 4, Flammable solids; spontaneously combustible; and dangerous when wet materials	0.3	0.2	1.0	0.4	2.0	1.9
Class 5, Oxidizers and organic peroxides	0.6	0.3	0.5	0.5	1.5	1.8
Class 6, Toxic materials and infectious substances	0.8	0.7	0.2	0.3	1.0	1.2
Class 7, Radioactive material	0.4	0.5	Z	S	Z	Z
Class 8, Corrosive material	4.7	3.2	5.1	4.9	11.9	12.3
Class 9, Miscellaneous hazardous materials	3.7	2.5	2.3	2.0	5.2	5.2
Totals	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Continuing a 20-year trend, Pipeline and Hazardous Materials Safety Administration (PHMSA) data indicate that Hazard Class 2 and 3 materials accounted for more than 90 percent of the value of all hazmats transported in the United States in 2017, a slight increase over 2012 levels. Notably, estimates of

number of miles traveled per ton of Class 3 materials decreased 16 percent, a significant change largely due to spikes in domestic oil production that began in 2011 but then dropped in 2017.

Hazmat Transport Risk. The U.S. hazmat transport system is multi-faceted and complex. Most hazmat shipments involve a chain of events and multiple players (e.g., shippers, carriers, packaging manufacturers, distributors, freight forwarders, consignees [receivers of shipment], government regulators, etc.) having different roles in the process of moving hazmats from origins to destinations. Multiple handoffs of a material from one party to another often occur during transport. The various parties range from individuals to small firms to the largest of multinational organizations. Moreover, many materials pose a variety of hazards, such as flammability, corrosiveness, reactivity, and toxicity.

To assess and manage risk associated with the nation's hazmat transport system, PHMSA's Office of Hazardous Material Safety collects and publishes spill and accident data. Table 10 below summarizes negative impacts of hazmat incidents documented by PHMSA in 2020 Because a single incident often results in multiple impacts, incident totals are not additive.

Table 10: Hazmat Incident Summary by Result – 2020 (U.S., MO, and KS)

Result of Incident	Incidents	Hospitalized	Non-Hospitalized	Fatalities	Damages
Environmental Damage	34	4	0	0	$20,326,234
Explosion	5	5	0	0	$1,438,383
Fire Involved	78	10	9	1	$29,712,770
Entry to Waterway/Sewer	37	4	1	0	$20,516,120
None	1,144	0	1	0	$1,813,852
Other	17	0	0	0	$26,521
Spillage	14,792	17	31	2	$47,326,879
Vapor (Gas) Dispersion	296	6	2	0	$10,543,857
U.S. Totals	**16,403**	**46**	**44**	**3**	**$131,704,616**
Missouri Totals (all counties)	**430**	**0**	**0**	**0**	**$528,792**
Kansas Totals (all counties)	**353**	**0**	**0**	**0**	**$75,417**

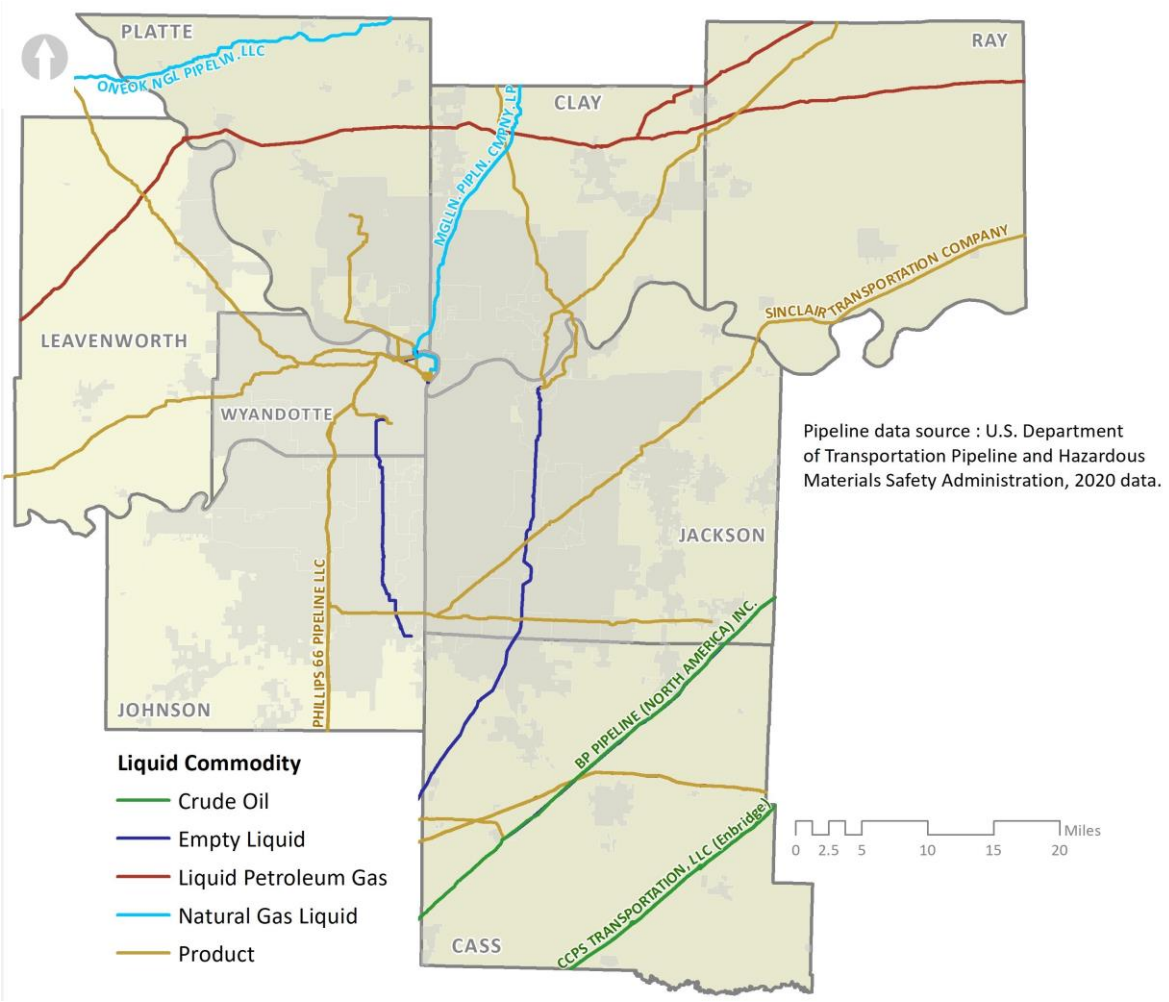
2.2.3 Pipeline

Eight companies operate refined petroleum product pipelines within the MARC planning area. Additionally, all pipeline sub-systems in the region are part of larger interstate pipeline systems serving multiple states. Commodities transported include crude oil, liquified petroleum gas (LPG), natural gas liquid (NGL), and product (PRD). PRD pipelines are most prevalent in the region, with four companies operating 15 sub-system lines. PRD encompasses several subcategories of petroleum products; therefore, these lines may be used to transport a variety of petroleum commodities, including but not limited to ethanol-blended gasoline, gasoline, fuel oil, diesel, kerosene, jet fuel, and biofuels. LPG, also known as bottled gas and tank gas, is a mixture of propane, normal butane, and isobutane. Similar to LPG, NGL contains all the components of LPG plus some fraction of longer-chain hydrocarbons (e.g., pentane and hexane). Using PHMSA naming conventions, "Empty liquid" pipelines are inactive liquid petroleum lines that have not been abandoned or formally decommissioned by their owner. No other hazmats (i.e., anhydrous ammonia) are transported via pipeline through/within the planning area

Review of regional sub-systems indicate that pipeline diameters range between 8 inches (Sinclair PRD line running east/west in Johnson and Jackson Counties) to 36 inches for Enbridge's crude oil pipeline passing through the southeast portion of Cass County. Figure 5 on the next page depicts locations of

liquid petroleum pipelines in the planning area. Notably, four pipeline right-of-ways (ROW) shown on Figure 5 as a single line are shared ROWs that contain two or more liquid petroleum pipelines.

Figure 5: Liquid Petroleum Pipelines



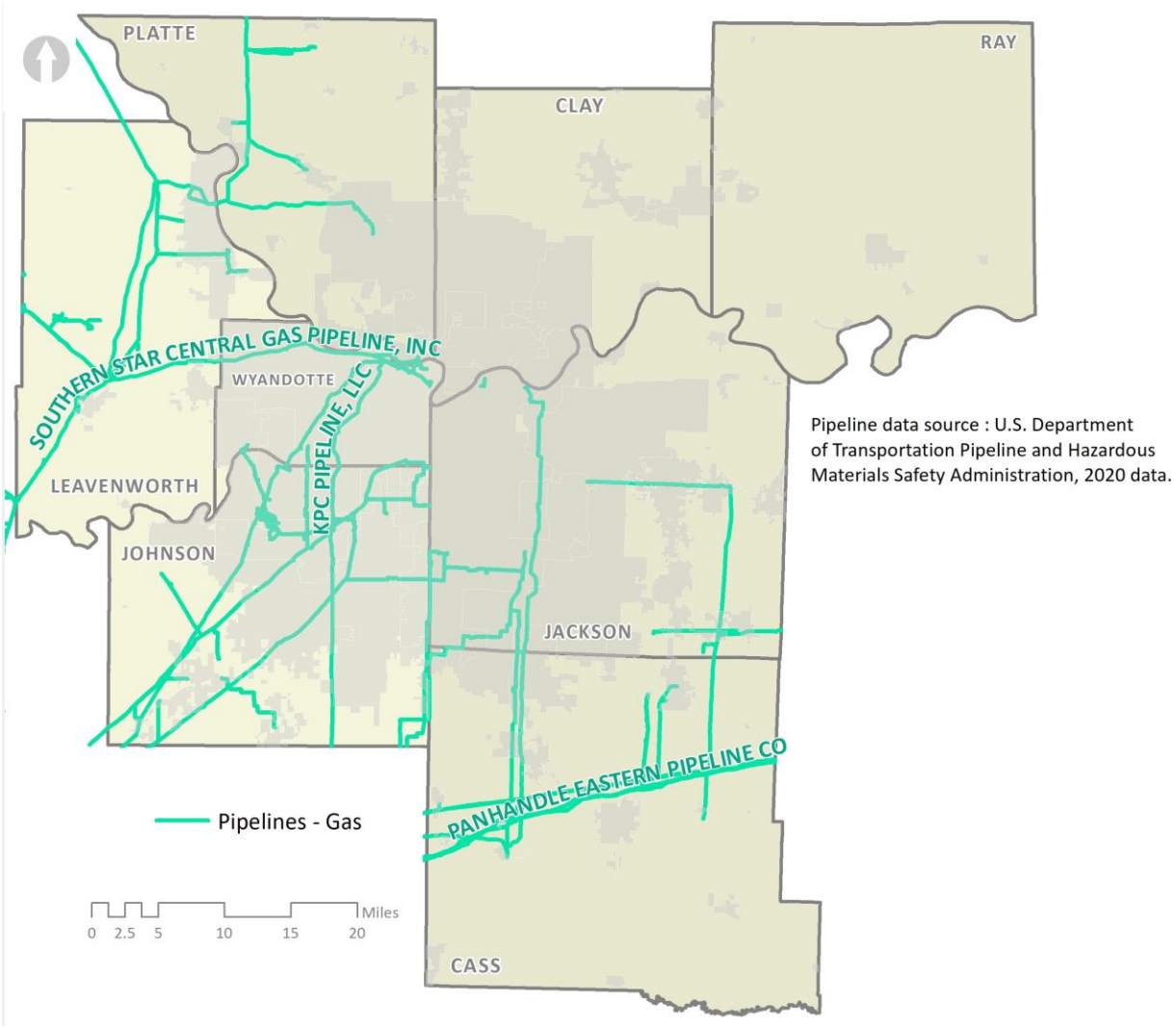
Note: Pipeline contact information and operator profiles are accessible in **Appendix A**.

Twelve pipeline operators transport natural gas (NG) through/within the Mid-America HEPA planning area. NG systems throughout the region consist of large-diameter (24-inch) transmission lines that span multiple states, and smaller (6-inch) distribution lines that often lie entirely within one county. Southern Star Central Gas Pipeline Company and Spire (formerly Missouri Gas Energy) are the primary transporters of NG in the region, serving residential and business customers in each county within the planning area.

KPC Pipeline operates a 1,000-mile interstate NG pipeline that transports natural gas from Oklahoma and Kansas to metropolitan Kansas City and various interconnecting markets, including Platte, Johnson, and Wyandotte Counties. The Panhandle Eastern Pipeline Company operates an NG transmission line running from the panhandle region of Oklahoma east through Cass County and onto to Indiana and Ohio where it supplies large markets. Several local systems within Johnson County are owned/operated by City of Gardner, private facilities (i.e., Danisco USA, Inc.), and solid waste landfill that produces NG for sale into the interstate system. Notably, two small-diameter lines originating from NG production wells in eastern Jefferson County feed Southern Star's Tonganoxie Station in Leavenworth County. Figure 6

on the next page depicts locations of NG transmission lines and distribution line throughout the Mid-America HEPA planning area.

Figure 6: Natural Gas Pipelines

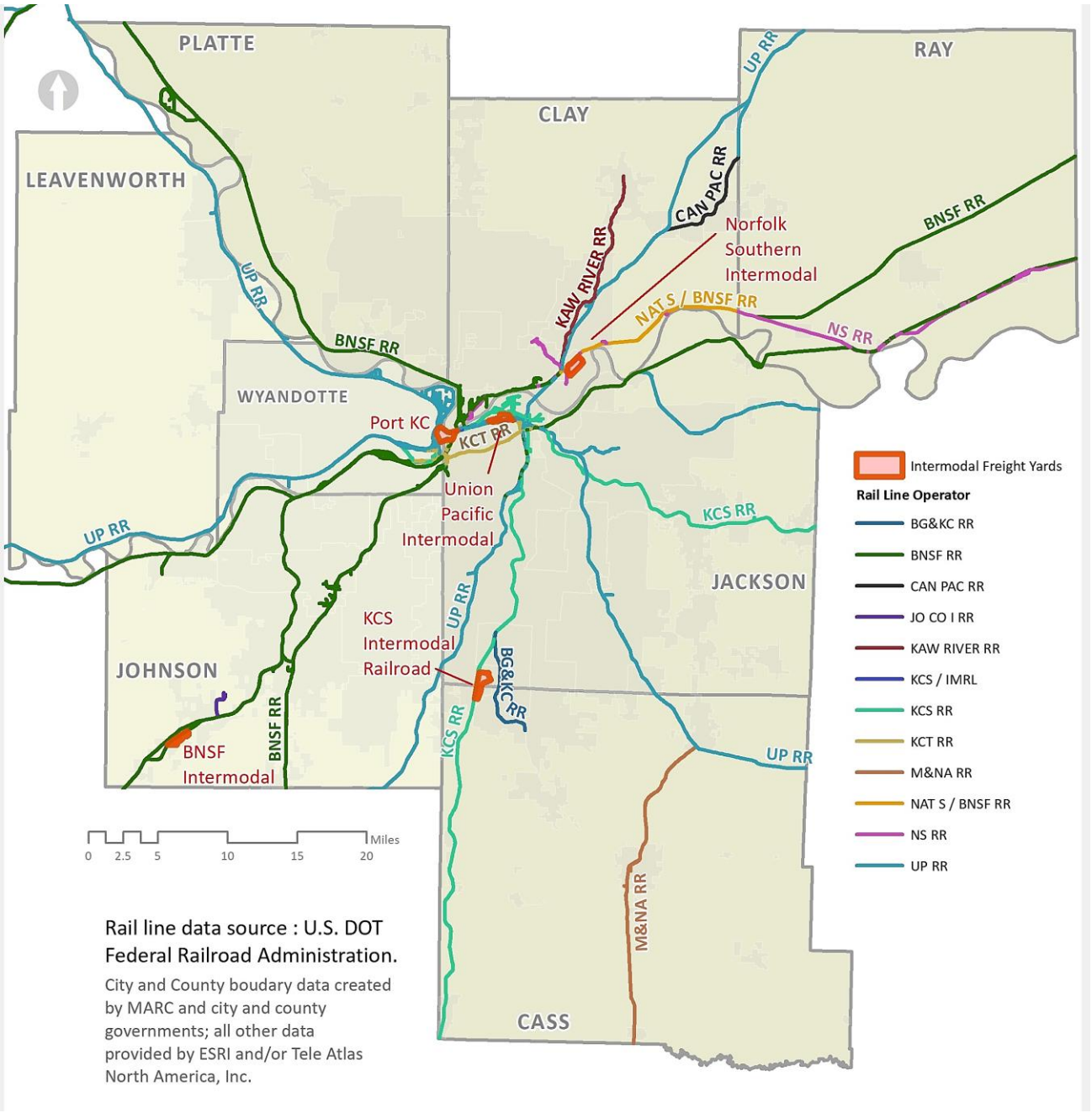


Note: Pipeline contact information and operator profiles are accessible in **Appendix A**.

2.2.4 Rail

The Association of American Railroads (AAR) cites Kansas City as the second largest rail center in the nation in terms of freight tonnage transported through/within the metropolitan area. Five of the nation's seven Class I railroads operate freight lines within the Mid-America HEPA planning area: Burlington Northern / Santa Fe Railway (BNSF), Union Pacific Railroad (UP), Norfolk Southern Railway (NS), Canadian Pacific Railway (CPR), and Kansas City Southern Railway (KCS). As of 2019, AAR defined Class I railroads as those with operating revenues at or exceeding $505 million annually. Measured in tons hauled per mile, Class I carriers were responsible for an estimated 94 percent of all chemical and petroleum products shipped via rail in the United States in 2019. Figure 7 on the next page shows freight railroads and intermodal facilities operating in the MARC planning area.

Figure 7: Freight Railroads and Intermodal Facilities



Note: Contact information for rail operators and intermodal facilities is in **Appendix A**.

Two regional railroads also operate in the planning area: Missouri & Northern Arkansas Railroad (M&NA) and Kaw River Railroad. AAR defines regional railroads as non-Class I railroads with 2019 annual revenues of at least $40 million, or that operate at least 350 miles of track and earned revenue of $20 million or more. Additionally, the metropolitan area is home to freight terminal railroad operators such as Kansas City Terminal Railway (KCT) that perform switching services for the larger operators. Several shortline rail companies, sometimes called Class III railroads, also operate throughout the area. As the name suggests, these operators move freight shorter distances on track owned by other operators.

BNSF's Transcontinental Route and UP's East-West Coal Route are the two most significant rail routes for hazmat transports through/within the MARC planning area. BNSF's transcontinental route connects ports in California with rail yards and intermodal terminals in/around Chicago, Illinois. The route generally runs southwest-northeast through the region. Also extending from California to Illinois, UP's east-west route passes through Leavenworth, Johnson, and Wyandotte Counties, as well as Jackson and Cass Counties in Missouri. Both transcontinental routes include multiple lines, known as subdivisions, that support 80-90 trains per day.

National-level data indicate that hazmat transports via rail decreased 18.6 percent (by weight) from 2012 to 2017. However, the 2017 Missouri State Freight Plan forecasts an 11.2 percent overall increase in rail shipments by 2030. Similarly, data presented in the 2017 Kansas Rail Plan forecasts overall rail tonnage to increase 11.6 percent by 2040 from previous levels. Rail forecasts specific to hazmat shipments are not published by either state; however, USDOT annually lists historical data describing general commodity shipments via rail. Table 11 below lists the top-10 commodities shipped within/through Kansas and Missouri in 2018.

Table 11: Top-10 Commodities Transported by Rail (2018)

Missouri			Kansas		
Commodity	**Tons (thousands)**	**Percent of Total**	**Commodity**	**Tons (thousands)**	**Percent of Total**
Gravel	56,052	18.6%	**Cereal grains**	123,034	36.6%
Cereal Grains	38,529	12.8%	**Coal**	48,103	14.3%
Coal	32,564	10.8%	**Nonmetal Mineral Products**	18,361	5.5%
Natural Sands	22,262	7.4%	**Gravel**	16,264	4.8%
Nonmetal Mineral Products	22,141	7.3%	**Fuel oils**	15,589	4.6%
Other Agriculture Products	14,684	4.9%	**Mixed freight**	13,711	4.1%
Other Foodstuffs	12,393	4.1%	**Natural sands**	13,274	3.9%
Animal Feed	10,971	3.6%	**Other ag prods.**	12,711	3.8%
Chemical Products	8,845	2.9%	**Animal feed**	12,153	3.6%
Waste/Scrap	8,495	2.8%	**Gasoline**	10,542	3.1%

Notes:

Source: U.S. Department of Transportation, Bureau of Transportation Statistics, July 2020.

Commodity weight in tons is inclusive of in-bound and out-bound shipments in each state.

2.2.5 Intermodal Facilities

Intermodal transportation refers to shipping containers that are transferred between two or more modes of transportation For example, a container may be moved from a truck to rail, then back to a truck, without any handling of the freight itself.

2.2.5.1 Intermodal/Intermediate Bulk Containers

Intermediate bulk containers (IBC) and ton containers are cylindrical in shape with rounded heads welded to the cylinder. They range in liquid capacity from 180 to 320 gallons. Tank test pressures range from 500 to 1,000 pounds per square inch gauge (psig). When shipped by rail, ton containers are carried on special flat cars, boxcars, and in gondola cars. Fittings are at the head of the IBC, including fusible plugs and/or spring-loaded safety relief valves. Safety relief devices are prohibited on IBCs carrying certain toxic and corrosive materials. Ton containers are used to transport a variety hazmats, including Hazard Class 2.3 (toxic gases) materials such as chlorine.

2.2.5.2 Intermodal Tank Containers

Intermodal tank containers (IM) consist of a single metal tank mounted inside a sturdy metal supporting frame. This unique frame structure enables use of the container in two or more modes of transport such as rail, OTR, and water vessel. Most IMs are built as a cylinder enclosed at each end by a head. Tank capacities are generally less than 6,340 gallons (about 24,000 liters). Other tank shapes and configurations exist but are rare, as are tanks with multiple compartments. Over 90 percent of IMs in service in the United States are low-pressure tanks. Less common high-pressure IMs, known as SPEC 51 and SPEC 51L, are designed to withstand pressures ranging from 100 to 500 psig. These tanks generally transport gases liquefied under pressure, including LPG and anhydrous ammonia.

2.2.5.3 Bulk Containers at Fixed Sites

The majority of the intermodal facilities (about 70 percent) in Kansas and Missouri accommodate transfers of commodities between rail and trucks. In 2017, USDOT's BTS identified 43 intermodal facilities in Missouri and 20 in Kansas that were major freight hubs for railroads. Notably, numerous other intermodal facilities in both states offer transfers between rail/truck and ports, rail/truck and airports, or other modes. Most, if not all, intermodal facilities are associated with private companies and offered as a service to customers. Table 10 below lists Class I Railroads that operate an internodal facility within the Mid-America HEPA planning area.

Table 12: Class I Railroad Intermodal Facilities

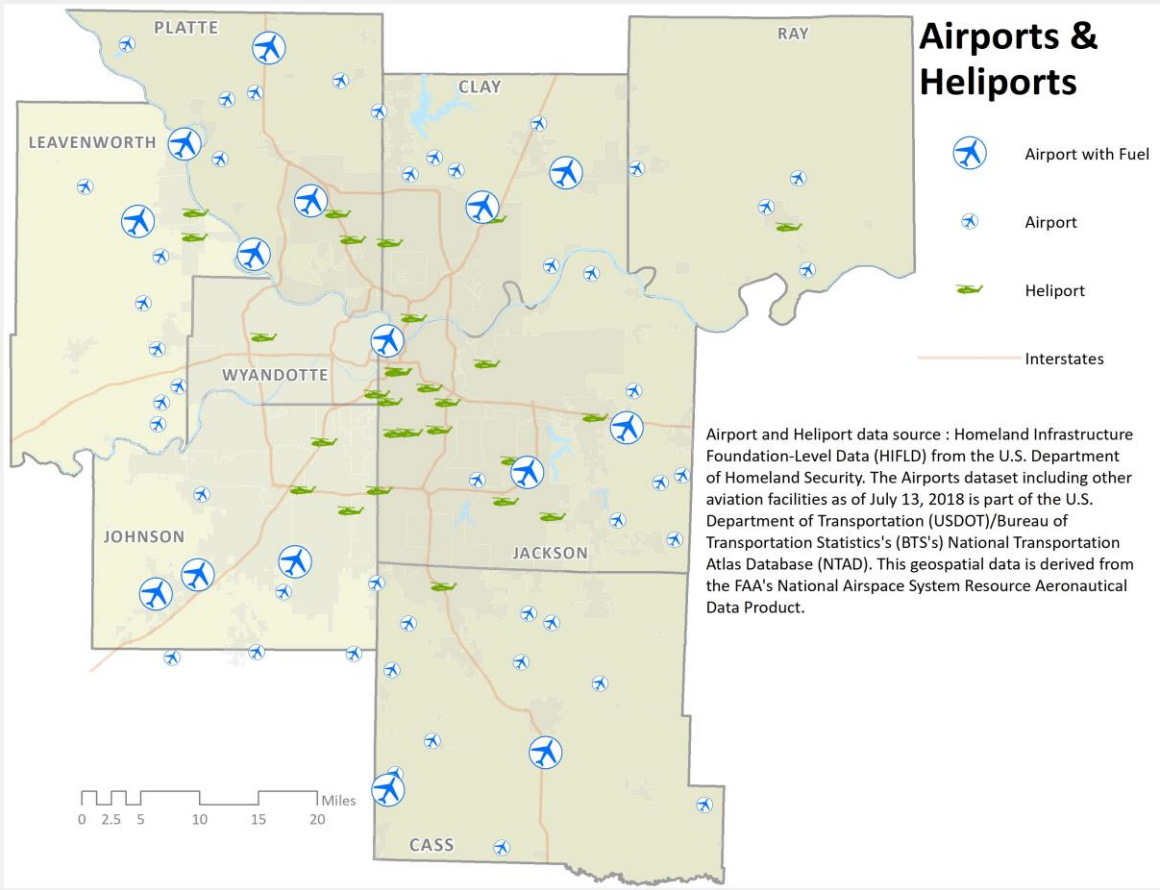
Intermodal Railroad Terminals	Street	City	State	Zip
Burlington Northern / Santa Fe Railway – Kansas City Logistics Park	34500 W 199th St	Edgerton	KS	66021
CSX Transportation – Kansas City	3301 East 147th St	Kansas City	MO	64147
Kansas City Southern Railway – Kansas City	3301 East 147th St	Kansas City	MO	64147
Norfolk Southern Railway – Voltz Yard	4800 N. Kimball Dr	Kansas City	MO	64161
Union Pacific Railroad – Neff Yard	4801 Gardner Ave	Kansas City	MO	64120

Note: Contact information for intermodal facilities is in **Appendix A**.

2.2.6 Air

In Kansas and Missouri, numerous airports support various types of air cargo operations, including scheduled operations that integrate multiple carriers and ad-hoc charter operations that transport small volume of air cargo. Kansas City International Airport (MCI) represents the planning area's largest market and highest-volume shipper of air cargo. While no bulk shipments of hazmat—as defined by USDOT—by air cargo carriers are known to occur at the region's airports, many airports store significant quantities of aviation fuel in aboveground and belowground tanks. Figure 8 on the next page illustrates aircraft landing facilities in the MARC planning area. Companion Table 13 lists airports reporting on-site bulk storage of aviation fuel.

Figure 8: Aircraft Landing Locations



Note: A complete listing of aircraft landing facilities, with and without aviation fuel, is in **Appendix A.**

Table 13: Airports Storing Aviation Fuel

Airport Name	County / City	Type	Owner
Gardner Municipal Airport	Johnson / Gardner	Public	City of Gardner
New Century Air Center	Johnson / Olathe	Public	Johnson County
Johnson County Executive Airport	Johnson / Olathe	Public	Johnson County
Sherman Army Air Force Base	Leavenworth / Fort Leavenworth	Military/Public	US Army, Aviation Division
Blaser's Airport	Leavenworth / Lansing	Private	Walter Blaser, Jr.
Hilltop Airport	Cass / Drexel	Private	Diane Payne
Lawrence Smith Memorial	Cass / Harrisonville	Public	City of Harrisonville
Charles B Wheeler Downtown	Clay / Kansas City	Public	City of Kansas City
Roosterville	Clay / Liberty	Public	Aire Kare, Inc.
Midwest National Air Center	Clay / Mosby	Public	Clay County Commission
East Kansas City	Jackson / Grain Valley	Public	Grain Valley Airport Corp
Lee's Summit Municipal Airport	Jackson / Lee's Summit	Public	City of Lee's Summit
Kansas City International	Platte / Kansas City	Public	City of Kansas City
Noah's Ark	Platte / Waldron	Private	Ron Sharp

Source: U.S. Department of Homeland Security, Homeland Infrastructure Foundation Level Database (2021).

Note: No heliports within the planning area reported storage of bulk quantities of aviation fuel.

2.2.7 Waterway

Located at the confluence of the Missouri and Kansas Rivers at Missouri River Mile 367.1, the Port of Kansas City is part of an urban complex that includes Kansas City, Kansas, and Kansas City, Missouri, as well as several smaller municipalities in the surrounding area. The Port of Kansas City encompasses 145 acres available for industrial or retail development, serving as one of the largest storage and distribution centers on the Missouri River. The Port of Kansas City is a true intermodal facility, where commodities are transferred between barge, truck, and rail with UP providing rail terminal services. Commodities most frequently passing through the port include fertilizer, grain, corn, meal, bark, salt, rolled and coiled steel, and petroleum coke.

While information regarding types and numbers of hazmat shipments directly handled by Port of Kansas City is not available, U.S. Army Corps of Engineers (USACE) Institute for Water Resources provides information annually regarding bulk commodity shipments on inland waterways. Tables 14 and 15 below list hazmat transports, and mixed-commodity transports containing hazmat, along the Missouri River leading to/from the Port of Kansas City:

Table 14: Missouri River Hazmat Transports and Trends, Omaha to Kansas City

Omaha to Kansas City Missouri River Segment	2015 Shipments (thousand US tons)	2019 Shipments (thousand US tons)	Percent Change
Crude Petroleum	6,388	0	—
Nitrogenous Fertilizer	11,756	5,895	-50
Fertilizer and Mixes N.E.C.	1,435	1,440	0.3
Total	**19,579**	**7,335**	**—**
All Other Commodities	**593,380**	**297,089**	**-50**

Note: N.E.C. Not elsewhere classified

Table 15: Missouri River Hazmat Transports and Trends, Kansas City to St. Louis

Kansas City to St. Louis Missouri River Segment	2015 Shipments (thousand US tons)	2019 Shipments (thousand US tons)	Percent Change
Crude Petroleum	6,388	0	—
Asphalt, Tar, and Pitch	0	114,503	—
Nitrogenous Fertilizer	25,145	39,217	56
Fertilizer and Mixes N.E.C.	29,478	72,330	145
Total	**61,011**	**226,050**	**—**
All Other Commodities	**4,175,945**	**3,974,064**	**-5**

Note: N.E.C. Not elsewhere classified

Due to changing market demands and growing transports via pipeline (i.e., Dakota Access Pipeline), numbers of crude oil shipments along the Missouri River and other inland waterways have greatly decreased. No such shipments occurred in 2018 and 2019. While shipments of some fertilizers increased modestly, other commodity transports downriver to Kansas City dropped by 50 percent from 2015 levels. A small decrease in commodity transports also occurred on the river segment between Kansas City and St. Louis. Examining 2019 data across all commodities, about 4 percent (by weight) of all freight shipped along these Missouri river segments involved some type of hazmat.

2.2.8 Roadways

The Kansas City area's system of roadways is among the most extensive in the nation. According to 2020 Federal Highway Administration statistics, the Kansas City region maintains more miles of highway per capita than all other urbanized areas with populations over 500,000. Residents of the Kansas City metropolitan area rank ninth highest in daily vehicle miles traveled per person, primarily along the interstate highways (I). Kansas City's roadway infrastructure includes the following:

- Four interstates (I-70, I-49, I-35, and I-29)
- Four interstate linkages (I-435, I-635, I-470, and I-670)
- Nine U.S. highways.

Table 16 below lists miles of roadways of various classifications in each county, and collectively within the larger MARC planning area. Companion Figure 9 on the following page illustrates roadway locations.

Table 16: 2021 Regional Road Classes by Mile

Roadway Type / County	Interstate	Freeway / Expressway	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	All Other Roads	Total
Cass	78	38	13	99	241	45	1,569	**2,083**
Clay	133	127	61	150	198	10	1,565	**2,244**
Jackson	274	188	164	515	322	5	3,501	**4,969**
Platte	135	33	34	90	160	8	913	**1,373**
Ray	NA	NA	NA	NA	NA	NA	NA	**NA**
Kansas City, MO*	287	191	88	424	186	1	2,322	**3,499**
Johnson	153	134	37	305	375	57	2,774	**3,835**
Leavenworth	36	6	45	121	236	81	866	**1,391**
Wyandotte	225	73	50	174	147	0	809	**1,478**
MARC Planning Area**	**1,321**	**790**	**492**	**1,878**	**1,865**	**207**	**14,319**	**20,872**

Notes:

* Kansas City, Missouri miles were counted separately and are included in the appropriate county totals.

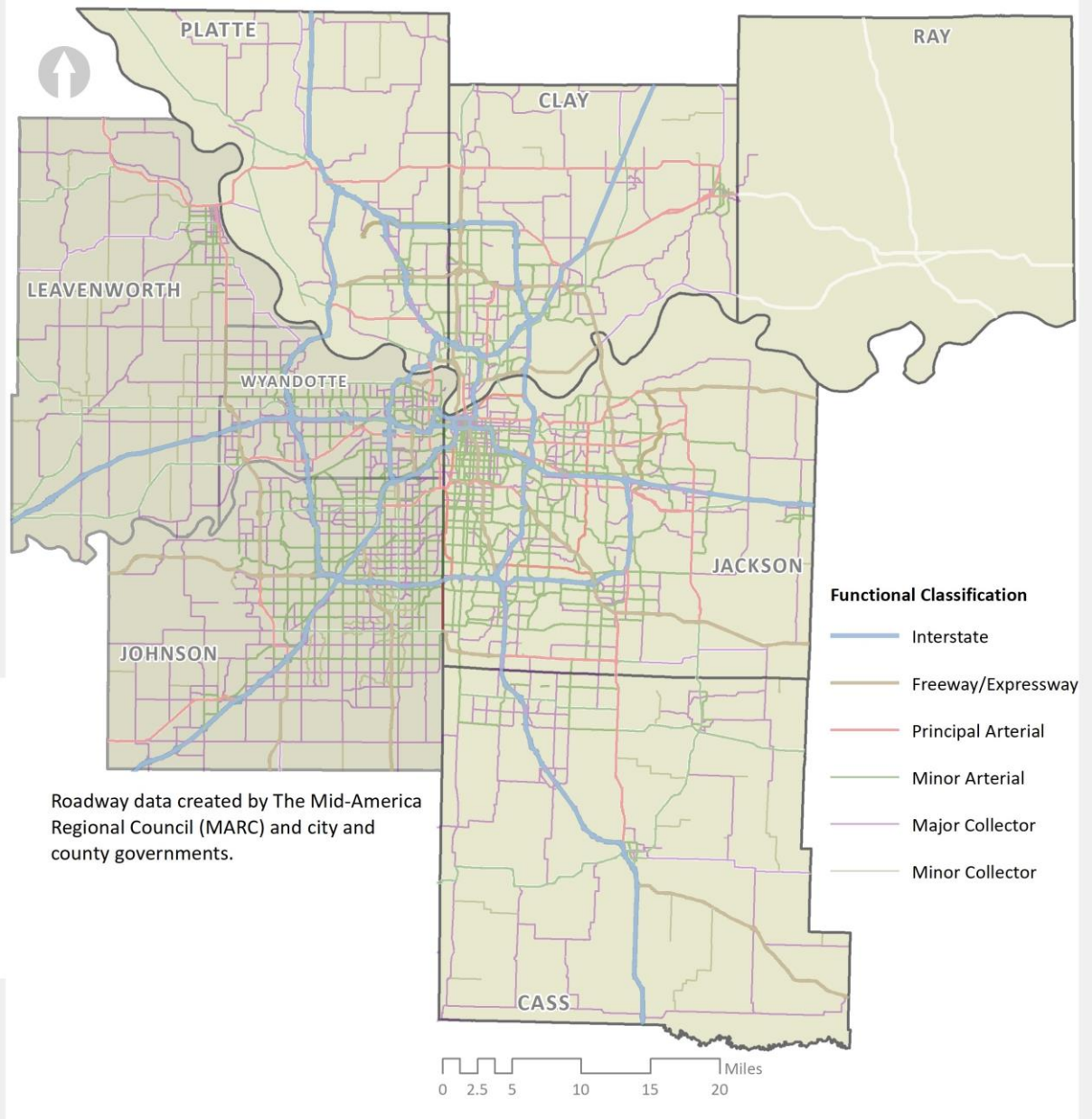
** Mileage calculations were estimated based on current regional road data that is in transition. Consequently, some road segment mileages may be duplicated.

MARC does not maintain functional classifications for roadways in Ray County.

MARC Mid-America Regional Council

NA Data not available.

Figure 9: Regional Roadways



Based on statistics presented in USDOT's 2017 Commodity Flow Survey, OTR transports accounted for 61 percent (by weight) of all hazmat shipments by truck in 2017. Of these OTR shipments, 75.8 percent involved Hazard Class 3 (flammable and combustible liquids) materials such as gasoline and diesel fuel. In terms of tons shipped, ranked next were Hazard Class 2 Materials (gases) that accounted for 7.6 percent of hazmat shipments via truck. Hazard Class 8 (corrosives) and Hazard Class 9 (miscellaneous) materials made up just 4.3 percent and 2.0 percent of shipments by weight, respectively.

Across all modes of transport, trucks carried the largest share of freight shipments moving less than 500 miles from point of origin. Average distance traveled per hazmat shipment via truck in 2017 was 30 miles. Table 17 on the next page lists the top-20 hazmats shipped by truck in the United States in 2017. Included below are relative percentages of each hazmat transported within and across state boundaries.

Table 17: Top-20 Hazmats Shipped By Truck, 2017

UN/NA ID	Hazmat Name	Tons (thousands)	Intrastate (percent)	Interstate (percent)
1203	Gasoline, includes gasoline with alcohol	794,208	93.2	6.8
1993	Flammable liquids, n.o.s	437,436	94.1	5.9
1202	Diesel fuel, including heating oil	144,861	92.2	7.8
1075	Liquefied petroleum gas	43,238	67.1	32.9
1999	Tars, liquid, including road oils and asphalt	41,600	71.0	29.0
3257	Elevated temperature liquid, n.o.s.,	30,606	67.9	32.1
1863	Fuel, aviation	21,587	94.0	6.0
1977	Nitrogen, refrigerated liquid, cryogenic	25,938	72.3	27.7
1830	Sulfuric acid (>51 percent acid)	15,262	69.3	30.7
1170	Ethanol or ethyl alcohol	13,429	78.5	21.5
1005	Ammonia, anhydrous	14,195	73.3	26.7
1789	Hydrochloric acid	11,211	74.7	25.3
1987	Alcohols, n.o.s.	12,540	64.0	36.0
1073	Oxygen, refrigerated liquid (cryogenic)	10,477	69.5	30.5
1824	Sodium hydroxide solution	12,073	59.6	40.4
1791	Hypochlorite solutions	10,187	69.0	31.0
1268	Petroleum distillates, n.o.s.	6,759	84.5	15.5
1072	Oxygen, compressed	6,158	77.4	22.6
2187	Carbon dioxide, refrigerated liquid	7,375	58.4	41.6
2448	Sulfur, molten	5,743	73.0	27.0
Total		**1,664,883**		

Notes:

n.o.s.	Not otherwise specified
UN/NA ID	United Nations / North America Identification

In total, over 1.81 billion tons of hazmat were shipped OTR in the United States in 2017. The top-20 hazmats listed above accounted for 1.66 billion tons, nearly 92 percent of all hazmat transports via truck.

National statistics and local traffic data cited above led to insights regarding the number of OTR hazmat shipments through/within the MARC planning area in 2017. USDOT national-level data indicate that about 7 percent of all truck transports involved hazmat shipments requiring USDOT placarding. Applying average annual daily truck traffic (AADTT) counts obtained from Missouri Department of Transportation (MODOT) and Kansas Department of Transportation (KDOT) allowed identification of the highest-frequency roadways for hazmat transports in the Kansas Mid-America LEPC and Missouri Region A Urban LEPD. Based on these data, about 20,900 trucks passed along east and westbound segments of I-70 at Little Blue Parkway in Jackson County, indicating 1,463 hazmat shipments per day. In Kansas, the highest AADTT was identified along I-35 at Old East 56 Highway in Johnson County, where about 14,010 trucks passed north and south, indicating 981 OTR hazmat shipments per day.

Notably, shipments of USDOT Table 2 materials exceeding 1,001 pounds must be placarded. In addition, hazmats transported in bulk containers and smaller quantities of certain dangerous substances—described in 49 CFR 172.5 (USDOT Table 1)—must also be identified by United Nations / North America Identification (UN/NA ID) numbers. The UN/NA ID is a 4-digit code assigned to an individual chemical or to a hazardous substance category.

2.3 VULNERABLE POPULATIONS

Nearly 2,400 facilities throughout the Mid-America HEPA planning area use/store significant quantities of hazmat. Several chemical facilities are near densely populated areas and/or vulnerable populations/locations. These areas and vulnerable populations are at greater risk of exposure during a hazmat incident and more likely to require evacuation and/or shelter in-place during a hazmat release.

Most small hazmat incidents are contained at the facility level before damaging property or threatening lives. However, releases of EHS or large quantities of other chemicals may result in significant negative impacts to persons, environment, and infrastructure. Potential impacts may involve multiple injuries/deaths, shut-down of key services, contamination of large communal areas, and permanent abandonment of public and private properties.

While proximity of vulnerable populations to a chemical facility is an important factor during a hazmat release, several other factors play important roles in determining community outcomes. Age of impacted homes, health challenges, disabilities, language barriers, dependence on public transportation, and lack of funds to evacuate are also determinative factors. Tables 18 and 19 below list percentages of certain vulnerable populations, by individual and household characteristics, residing in MARC's planning area.

Table 18: Vulnerable Populations (Individual Characteristics)

County	Total Population	Persons with Disability	Percent with Disability	Over 65 and Living Alone	Percent Over 65 and Living Alone	Persons in Poverty	Percent in Poverty
Johnson (KS)	591,506	94,560	16.0	83,169	3.6	21,464	14.7
Leavenworth (KS)	80,745	19,180	23.8	11,394	3.3	2,657	20.5
Wyandotte (KS)	164,861	44,558	27.0	19,840	3.6	5,923	44.0
Cass (MO)	103,597	24,841	24.0	17,102	4.2	4,312	23.6
Clay (MO)	242,516	53,207	21.9	33,537	3.7	8,896	22.1
Jackson (MO)	696,216	172,886	24.8	101,918	4.4	30,620	32.3
Platte (MO)	100,682	21,273	21.1	14,383	3.4	3,374	17.7
Ray (MO)	22,875	5,724	25.0	4,108	4.2	962	26.1
Totals	**2,002,998**	**436,229**	**23.0***	**285,451**	**3.8***	**78,208**	**25.1***

Table 19: Vulnerable Populations (Household Characteristics)

County	Total Number Households	Households with No Vehicle	Percent Households with no Vehicle	Households Speaking Limited English	Percent Households Speaking Limited English
Johnson (KS)	228,592	7506	3.3	5,849	2.6
Leavenworth (KS)	27,253	1189	4.4	288	1.1
Wyandotte (KS)	60,128	5545	9.2	5,229	8.7
Cass (MO)	39,770	1269	3.2	182	0.5
Clay (MO)	91,238	3968	4.3	1,109	1.2
Jackson (MO)	286,601	25505	8.9	5,563	1.9
Platte (MO)	39,305	1548	3.9	635	1.6
Ray (MO)	8,868	555	6.3	15	0.2
Totals	**781,755**	**47,085**	**5.4***	**18,870**	**2.2***

Notes: Data obtained from the Centers for Disease Control (CDC) Social Vulnerability Index, https://svi.cdc.gov/, 2020 census data.

* Average percent among all counties.

2.3.1 Vulnerable Populations Intensity Index

To better identify vulnerable populations, an intensity index of U.S. Census demographics was created to locate vulnerable populations and assist planning and outreach activities. The following variables were identified as relevant planning considerations and used to develop a comprehensive Vulnerable Population Intensity Index to assess various populations throughout the planning area:

Households with Limited English

Individuals who do not speak English as their primary language and/or who have a limited ability to read, speak, write, or understand English can be considered limited English proficient. Limited English speakers may not have immediate information about a chemical spill without translation. Additionally, access to appropriate aid and safety instructions may be complicated by language barriers. Referencing a study conducted by a local school district, about 110 different languages are spoken by students and families in the Kansas City area.

Population with a Disability

Emergency planning and response for people with disabilities and functional needs requires a concerted effort. Individuals who are deaf, hard-of-hearing, blind, or have poor vision are less mobile and may need additional assistance. Emergency public communication must be accessible, particularly regarding public warnings and evacuation/protection in-place directions.

Households with No Vehicle

The rate of automobile ownership are generally lower in urban areas, especially among inner-city and economically disadvantaged populations. Older adults residing also have lower rates of automobile ownership. Individuals with disabilities will have increased need for accessible transportation. Transportation out of an evacuation zone may be problematic for people who do not have or have limited access to a vehicle.

Population Below 200 Percent of Poverty

Studies around the country indicated that higher-risk chemical facilities are more often located near low-income neighborhoods with predominately minority populations. A report recently presented findings that residents who live closest to chemical facilities have average home values 33 percent below the national average, household incomes 22 percent below the national average, and live in poverty at a rate that is 50 percent above the nation as a whole.

Population 65 and Older – Living Alone

Coordination with facilities that care for or house older adults, including long-term care facilities, nursing homes, and senior centers is important for public warning and evacuation support. Facility administrators should be aware of local hazards in their community, such as nearby locations where hazmat is used/stored. Chemical facilities maintain plans to notify residents, their caretakers, and facility staff of an emergency, to help ensure protective actions (e.g., shelter in-place or evacuation) are taken.

Coordination with community-based and healthcare service providers serving older adults is critical for reaching persons who may be socially isolated for a variety of reasons. Older adults living in rural areas often have less access to social support services and public messaging via online/social media platforms. Many others lack transportation or are dependent on medications and health services that may not be accessible during an emergency event.

2.3.1.1 Calculating the Index

To develop a useful Vulnerable Population Intensity Index, Z-scores for U.S. Census Tract variables were employed. Variables included persons above the age of 65 and living alone, persons with a disabilities, and individuals living in poverty. Households with no vehicle and that speak limited English were also assigned Z-scores. Z-score were then summarized and averaged (i.e., [v1 z-score + v2 z-score + v3 z-score]/3) to arrive at a Vulnerable Population Intensity Index score. Figure 10 below illustrates indexed vulnerability scores of populations throughout the region. County-level vulnerability maps are in **Appendix C**.

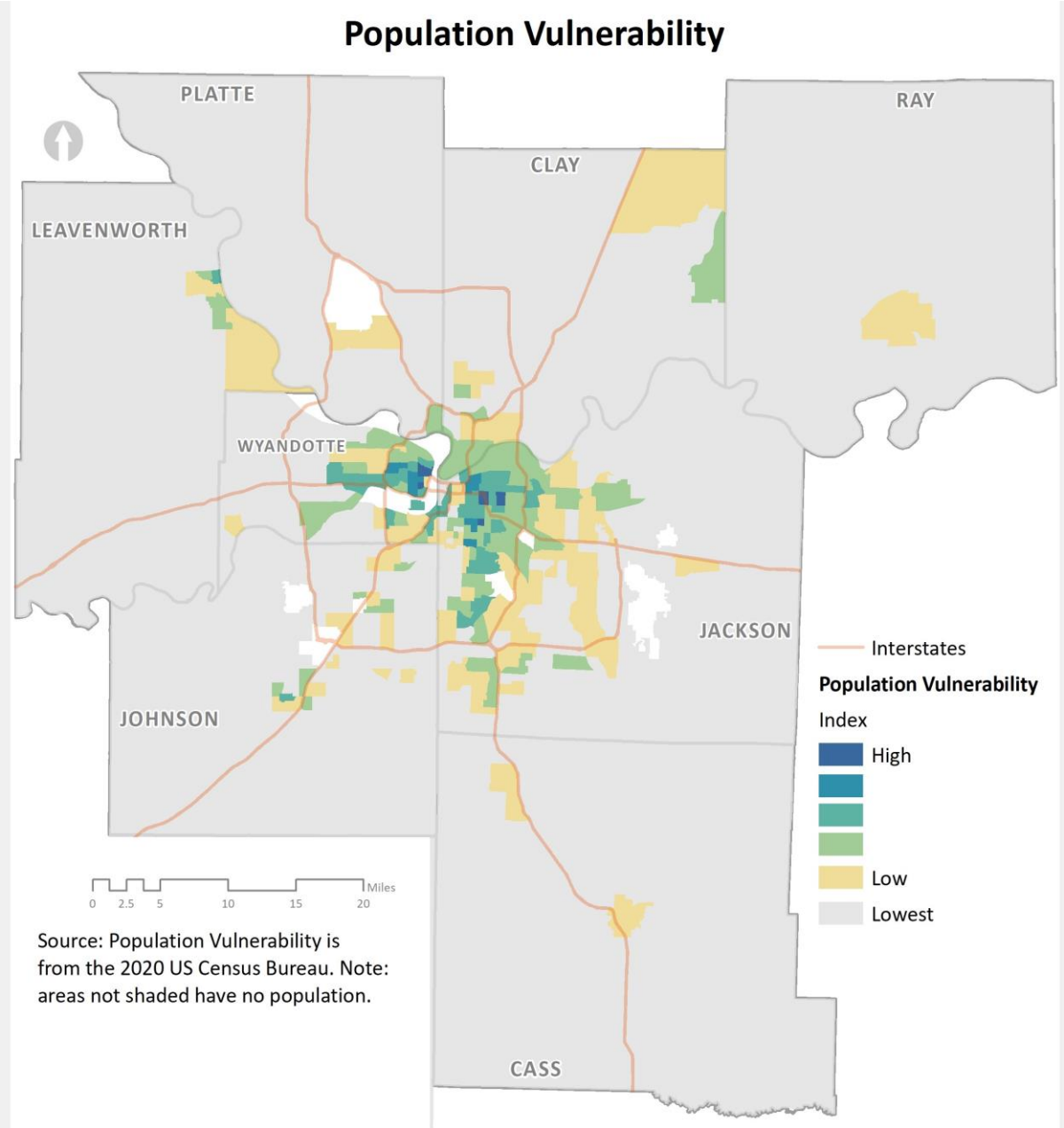


Figure 10: Population Vulnerability, Regional

2.3.1.2 Viewing the Vulnerable Population Index and Critical Facilities

An **interactive website** was created to show locations of vulnerable populations relative to chemical facility locations. The website allows users to select varying levels of geography and access county demographics and vulnerable populations by U.S. Census Tract, along with information about hazmat facilities in the area. Other critical data sets for locations of schools, nursing homes, and hospitals are available to aid planning and response efforts. Figure 11 below depicts Vulnerable Population Index scores for areas throughout the region with locations of Tier II EHS facilities. County-level vulnerability maps are in **Appendix C**.

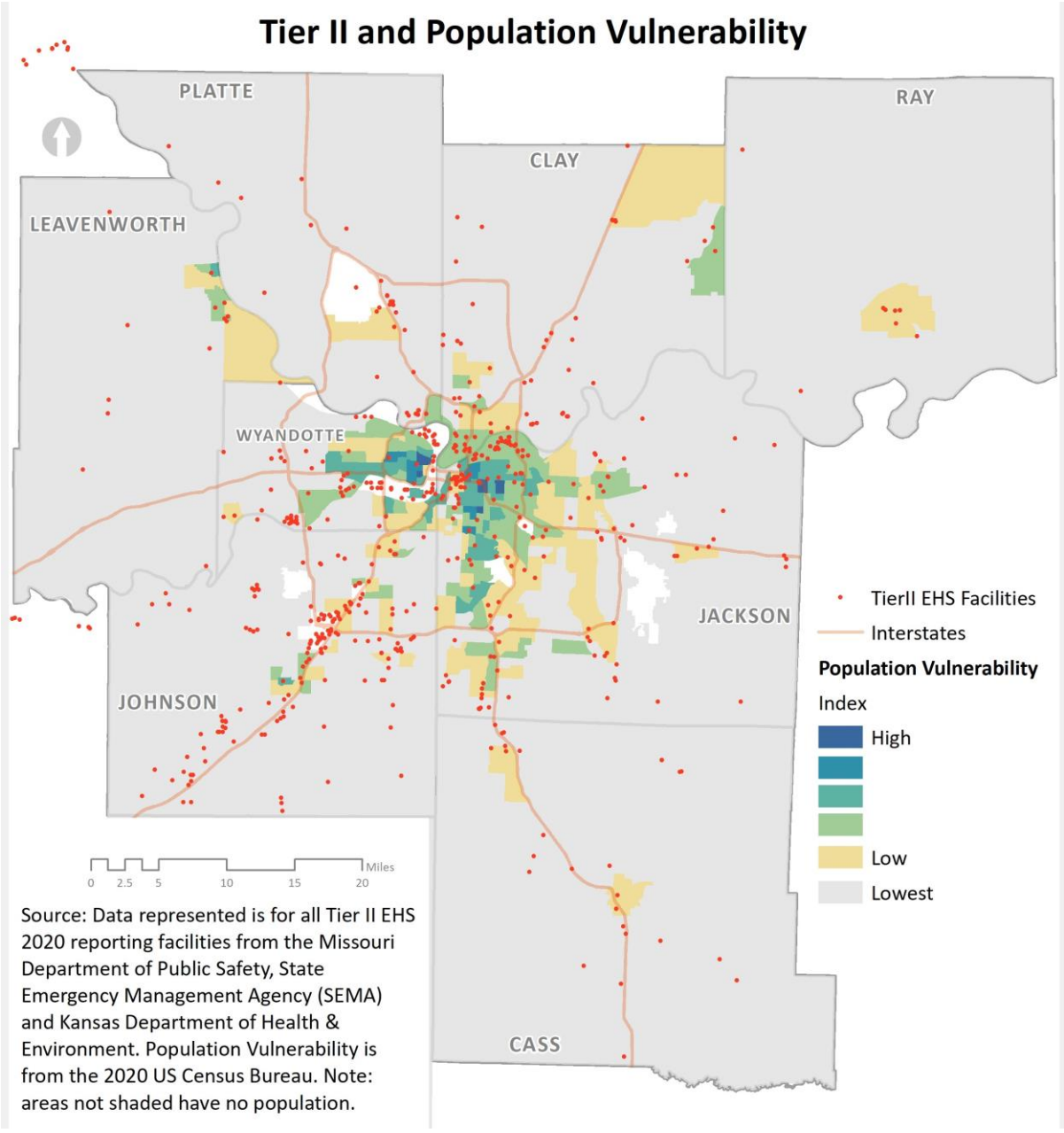


Figure 11: Tier II EHS Facilities and Population Vulnerability, Regional

2.4 PLANNING ASSUMPTIONS

- Tier II facilities properly submit chemical inventory lists (Tier II report) and emergency plans as appropriate to the MERC and Missouri Region A Urban LEPD in Missouri; CEPR and Mid-America LEPC in Kansas; and local fire departments within the planning area.
- Each local jurisdiction has an approved LEOP that includes additional information on hazmat emergency response which is coordinated and consistent with this plan.
- Local jurisdictions maintain ongoing communications with reporting facilities in their communities, and work to institute practices to reduce risks to citizens, as well as the environment; and fire service agencies "pre-plan" responses for a hazmat incident with key facilities.
- Facilities that use/store hazmat are fully aware of their obligation to maintain a safe environment and immediately report spills and releases to the appropriate authorities, as required by law.
- Cities and counties maintain procedures to request and receive mutual aid resources from other local agencies, select private-sector partners for hazmat emergencies, and provide resources when requested.
- This plan is consistent with and complements the Missouri Hazardous Substance Emergency Response Plan, the Missouri State Emergency Operations Plan, Kansas Response Plan, and LEOPs.
- Hazmat incidents may occur at any time, day or night, and in densely populated and remote areas.
- The magnitude of a hazmat incident in an area depends on the volume, distribution, and/or use of chemicals and other hazardous substances.
- Negative impacts of an event on citizens, the environment, wildlife, and property depend on the type, characteristics, location, concentration, and quantity of material released. Releases of caustic, irritant, flammable, radiological, and explosive materials may cause deaths, injuries, widespread evacuations, and relocations.
- Releases of hazmat from facilities located in densely populated areas and along major transportation routes can inflict significant damage.
- Emergency responders may have to respond to both accidental and intentional releases of hazmat.
- Hazmat incidents, even minor ones, may require a multi-agency, multi-jurisdictional response including local, regional, state, and federal resources. The Incident Command System (ICS) will be implemented immediately by responding agencies, and in many situations, leadership may elect to establish a Unified Command.
- Hazmat incidents pose significant risks to emergency response personnel. All emergency responders will be properly equipped and trained for hazmat emergency response.
- Hazmat incidents may require large-scale evacuations or shelter-in-place actions. These operations may present significant challenges in terms of warning and notification, logistics, and agency coordination.
- Hazmat incidents will generate widespread media and public interest. The media will be a critical ally for local governments in the effort to quickly disseminate emergency public information and warnings Local planning includes provisions for providing joint public information from all responding agencies and adjoining jurisdictions, as well as frequently updating the public on the situation as it evolves.

- Hazmat incidents may cause serious long-term damage to public health, property, the environment, and the economy.
- Significant hazmat incidents may require an extended commitment of personnel and resources from involved agencies and jurisdictions. Memoranda of Understanding (MOU) and protocols are in place to address crew rotation, resource allocation, and reimbursement.
- Response to hazmat emergencies in the MARC planning area generally begin with the facility and/or local fire department, and can include a combination of city, county, regional hazmat team, special district, disaster relief agencies, and private-sector representatives. As indicated, appropriate state and federal agencies with statutory authority will be notified and may respond to any incident.
- The general public and media will demand information about the emergency and instructions on appropriate protective measures.
- The local media, particularly radio, will perform an essential role in providing emergency instructions and periodic updates to the public.
- Depending on the severity of the emergency, or the media's perception of the severity of the emergency, regional and national media may also demand information and may play a role in reassuring (or alarming) relatives of patients/victims.
- Depending on the severity of the emergency, telephone communications may be sporadic or inoperable.
- Local and regional radio and/or television stations without emergency power may also be off the air.
- Sufficiently trained staff are required to ensure that media organizations do not become overwhelmed with requests for information.

3. EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT (EPCRA)

3.1 GENERAL

EPCRA, also known as Title III of the Superfund Amendments and Reauthorization Act (SARA), exists to ensure that public and government agencies have timely access to information regarding chemicals and chemical releases in their communities so that risk can be addressed, and protective actions can be formulated in advance. EPCRA is defined in Sections 301-330 of Public Law 99-499, with Sections 302-313 and Section 324 most pertinent to LEPCs. Per EPCRA regulations, the administrative agency for the Kansas Mid-America LEPC and Missouri Region A Urban LEPD is responsible for making hazmat emergency planning information publicly available. The release of information is governed by MARC's Open Records Policy.

3.1.1 EPCRA 302 – EHS

Facilities that use/store EHSs at or above the TPQ must report this to the states and the LEPC/LEPD within 60 days of the substance arriving at the facility. The facility must designate a liaison person to coordinate EHS response planning with the LEPC/LEPC, and the LEPC/LEPD must incorporate facility information into their response plan. Section 302 substances are subject to Section 312 (Tier II) reporting as well. EPA designates which substances are EHS. The best single source for EHS is the EPA List of Lists, which lists Section 302 substances, Section 304 substances (Comprehensive Environmental Response, Compensation, and Liability Act [CERCLA]) substances, and Section 313 substances. The Section 302 notification is a one-time report and does not have to be refiled unless new substances are brought on facility property (even temporarily) or an EHS is permanently removed.

3.1.2 EPCRA 303 – Planning

Each state shall develop a comprehensive emergency response plan. The LEPC/LEPD is also required to prepare a comprehensive emergency response plan that must be updated at least annually. Local changes in facilities, substances stored, etc., may indicate if more frequent reviews should occur. The LEPC/LEPD plan is to be submitted to the states for approval.

3.1.3 EPCRA 304 – Accidental Releases

Substances on Section 302 or CERCLA lists are assigned RQs. Any accidental release of these substances at or above the RQ triggers reporting requirements to the LEPC/LEPD, the state, and the National Response Center (NRC).

3.1.4 EPCRA 311 and 312 – Tier 1 and Tier 2 Reporting

Facilities shall submit annual reports to the state and LEPC/LEPD regarding hazardous substances defined by OSHA. If OSHA requires a facility to post or have available for inspection an SDS for a substance, that substance is reportable under Section 311 and 312 of EPCRA. Section 302 substances must also be listed on the Tier II report.

Notably, Missouri and Kansas Tier II reporting processes differ in some ways. See **Appendix D** for more information. Neither Kansas or Missouri requires Tier I reports because Tier II provides all required information The reports are due March 1st of each year and list chemical inventories from the previous calendar year. The facility must send copies of the report to the appropriate state, LEPC/LEPD, and local fire department(s). Tier II reports, along with Section 302 reports, furnish the information required for EPCRA. Any owner or operator violating Tier II reporting requirements shall be liable to the United States for a civil penalty per day of each such violation.

3.1.5 EPCRA 313 – Routine Toxic Releases

The Toxics Release Inventory (TRI) is a record of the total of routine releases of toxic or hazardous substances into the environment from manufacturing or operating processes. The quantity and type of each substance released are known, and the reporting threshold is based on the total quantity released during the year. Section 313 differs from Section 304, which deals only with accidental releases. LEPCs/LEPDs do not receive TRI reports directly. These are submitted to the state and EPA.

3.1.6 EPCRA 322 – Withholding Chemical Type

A facility may be permitted to withhold the identity of a chemical if revealing it could compromise company operations. Section 322 includes a very narrow criterion, identified in 40 CFR Part 350. In practice, less than 1 percent of facilities in the United States have filed such claims Section 322 addresses trade secrets as these apply to EPCRA Sections 303, 311, 312, and 313 reporting; a facility cannot claim trade secrets under Section 304 of the statute. Only chemical identity may be claimed as a trade secret, although a generic class for the chemical must be provided Even if chemical identity information can be legally withheld from the public, EPCRA Section 323 allows disclosure of the information to health professionals who need that information for diagnostic and treatment purposes, or to local health officials who must have the information for prevention and treatment activities.

3.1.7 EPCRA 324 – Right-to-Know

The LEPC/LEPD must make available to the public any emergency response plans, SDSs, Tier I/II Form Rs, and Section 304 written follow-up notices they have received. The LEPC is required to publish annually a notice through print or electronic means (website, television, radio, etc.) that LEOPs, SDSs, and/or Tier II forms have been submitted. The notice must include the location where such documents may be reviewed during normal business hours. Facilities that have submitted Tier II reports may request that the LEPC/LEPD keep confidential the locations of hazmat within those facilities.

3.2 PUBLIC MEETINGS

Meetings of the Mo LEPD and Kansas LEPC are held at least quarterly to bring together emergency response partners, facilities that house hazmat, transporters of hazmat, and others for an opportunity to plan together, inform the public, and gather citizen input for planning efforts. Citizens are encouraged to attend such meetings to stay informed of activities and plans related to hazmat emergency response. Information regarding meeting dates and times is available at the MARC website.[6]

[6] MARC (2019). LEPC. Retrieved July 16, 2021, from https://www.marc.org/Emergency-Services-9-1-1/LEPC

3.3 COMMUNITY RIGHT-TO-KNOW INFORMATION

The Kansas LEPC and Mo Regional A Urban LEPD provides the following informational resources, when available and permissible to share, to the public:

- Tier II Reports
- SDSs
- Written Follow-Up Notices of Emergency Chemical Releases
- Other information used in the course of emergency planning as received from facility owner(s) or operator(s).

3.3.1 Tier II Reports

Tier II reports require facilities manufacturing, using, and storing hazmat to provide basic facility information, employee contact information pertaining to both emergencies and non-emergencies, and information about chemicals stored or used at the facilities. The Tier II chemical information reported by a facility includes:

- The chemical name or the common name as indicated on the SDS
- An estimate of the maximum amount of the chemical present at any time during the preceding calendar year, and the average daily amount
- A brief description of the manner of storage of the chemical
- The location of the chemical at the facility
- An indication of whether the owner of the facility elects to withhold location information from disclosure to the public.

3.3.2 Safety Data Sheets (SDS)

Facilities that produce or import hazardous chemicals must create or obtain an SDS for the material. Information conveyed on an SDS includes the chemical and common name(s), physical and chemical characteristics of the hazardous chemical, physical hazards of the hazardous chemical, protective measures, etc. Regarding any hazardous chemical used or stored in the workplace, facilities are responsible for the following to comply with the Hazard Communication Standard Right-to-Know provisions:

- Maintaining SDSs and making them available to employees
- Maintaining a hazard communication program detailing plans in place for safe handling of chemicals
- Maintaining a written chemical inventory of every hazardous chemical in the facility to which employees are exposed.
- Maintaining proper labels and warning signs associated with said chemicals
- Training employees on chemical hazards and necessary precautions.

After the implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in June 2015, all SDSs should be replaced with GHS-formatted SDS information. By June 1, 2016, all facilities should fully comply with "HazCom 2012" (the law that requires GHS labeling). This includes any necessary updates to HazCom programs, training of employees on any newly identified chemical hazards

(identification of new hazards is likely during the reclassification process chemical manufacturers are to undertake), and updates to SDS libraries and secondary labels.

Many companies now utilize web-based reporting systems to comply with GHS requirements. This type of cloud-based reporting system allows easy access to SDS information and tools for incident management based on that information, and flags SDSs in GHS format. These systems can also develop inventory reports for state and federal forms, offer container tracking across the facility with mobile barcode scanning, check chemicals and ingredients against various hazardous substance lists; and provide chemical banning and approval tools Some of these online tools can be used to search or find SDS data sheets, as well as create online SDS binders with capability of sharing the information with employees, state and federal agencies, and other appropriate entities.

3.3.3 Written Follow-Up Notices of Emergency Chemical Releases

Following accidental releases above the RQ of substances listed as EHSs and/or CERCLA Hazardous Substances (40 CFR 302.4) (except for releases during transportation or from storage to transportation), covered facilities are required to make immediate (voice) and written follow-up reports. The State of Kansas "Form A" and State of Missouri "Hazardous Material Release Form" are follow-up reporting templates and are available in **Appendix G**. Written follow-up reports are to be submitted to the LEPC/LEPD and appropriate state entity, and to supplement the immediate report with information regarding:

- Actions taken to respond and contain the release
- Any known or anticipated acute or chronic health risks associated with the release
- Where appropriate, advice regarding medical attention necessary for exposed individuals (40 CFR Parts, § 355.40 through 355.43).

3.3.4 Other Information

LEPCs/LEPDs, during emergency planning, may request additional information from facility owners or operators to aid in LEPC/LEPD planning efforts. If this information is not otherwise protected, it may be made available to the public.

3.4 Process to Request Community Right to Know Information

Any person may request hazmat information held by the LEPC All requests shall be in writing (email, fax, letter) and include the name of the requestor, contact information, and the specific information requested. Requests for Tier II information must specify a particular facility by name and address. If the LEPC/LEPD has that hazmat information requested, the LEPC/LEPD will provide it. If the information is not on hand, the LEPC/LEPD may request the information from the appropriate entity, assuming the information is not otherwise protected.

The LEPC/LEPD will not generate specialized lists or sort existing electronic databases to meet the specific needs of a requestor unless the requestor can demonstrate a valid public need and the request does not create an undue burden Such requests will be considered case by case, with final disposition determined jointly by the LEPC or LEPD Chair, and a MARC official (Executive Director or Director of Financial Affairs). A requestor of EPCRA information may also arrange a date and time to meet with LEPC/LEPD representatives during normal business hours to inspect records.

The LEPC/LEPD will reply to all requests within 3 days, conveying either the requested information or a timeline to provide the requested information. Federal law allows for up to 45 days to produce Tier II information, depending on information availability Public information requests shall be submitted to MARC's Custodian of Records, via letter, email or fax:

Mid-America Regional Council c/o Karina Bielecki
600 Broadway, Suite 200
Kansas City, Missouri 64105-1659
Phone: (816) 701-8202 E-mail: **kbielecki@marc.org**

The public may also request information from their respective states, and are encouraged to contact their appropriate state agency for methods and procedures of requesting information.

3.5 HAZMAT INFORMATION AVAILABLE FROM OTHER AGENCIES

3.5.1 TRI

EPCRA Section 313 requires EPA and the states to annually collect and make available TRI data on releases and transfers of certain toxic chemicals from industrial facilities. Goals of TRI are to empower citizens through information and to hold companies and local governments accountable in terms of how toxic chemicals are managed. TRI data are not reported directly to the LEPC/LEPD. Facilities and citizens in the MARC planning area can access TRI data and reports online at EPA's **TRI Data & Tools website**.

3.5.2 EPA National Library Network

The EPA National Library Network includes libraries throughout the country, and allows access to a wide range of general information on environmental protection and management, basic sciences, applied sciences, and extensive coverage of topics featured in legislative mandates such as hazardous waste.[7]

3.6 AVAILABILITY OF EMERGENCY PLANS

3.6.1 Regional Hazmat Emergency Preparedness Plan

The plan is available on the MARC website.[8]

3.6.2 Local Hazmat and Emergency Operations Plans

Each political subdivision in Missouri and Kansas is required to develop a LEOP that includes an annex specific to hazmat incidents.

- In Kansas, authority and responsibility for emergency planning normally lie at the county level, except when the Governor determines a city needs a disaster agency of its own (KSA 48-929). For specific local information, the requester may be referred to a local governmental agency or facility to receive the appropriate contact information. Each agency will follow its own internal procedures for release of information and viewing (including, but not limited to, applicable limitations, costs for copying, etc.).

[7] EPA (2017, July 12). EPA National Library Network. Retrieved July 16, 2021, from http://www2.epa.gov/libraries

[8] MARC (2018). Emergency Plans. Retrieved July 16, 2021, from http://www.marc.org/Emergency-Services-9-1-1/Plans.aspx

- In Missouri, authority and responsibility for emergency planning are at the county and local jurisdictional levels. Missouri law requires all political subdivisions to establish a local emergency management organization, which is generally a city or county emergency manager supported by city and county government agencies. This organization is responsible for all aspects of emergency preparedness, including mitigation, planning, response, and recovery. The planning requirements for hazmat are included in "Missouri All-Hazard Emergency Planning Guidance" available online.

Citizens interested in reviewing their jurisdiction's plans are encouraged to contact their local emergency manager for plan availability or restrictions.

3.7 Requirements and Guidance for Facilities

Highlighted in this subsection are EPCRA requirements and guidance for facilities to consider when developing their own procedures for responding to a hazmat incident. Facilities that handle hazmat are encouraged to contact regulatory authorities, attorneys, or professional consultants for legal and hazmat reporting requirements, and should develop their own procedures for responding to a hazmat incident Figure 10 below describes the flow of information and legal requirements for facilities housing hazmat.

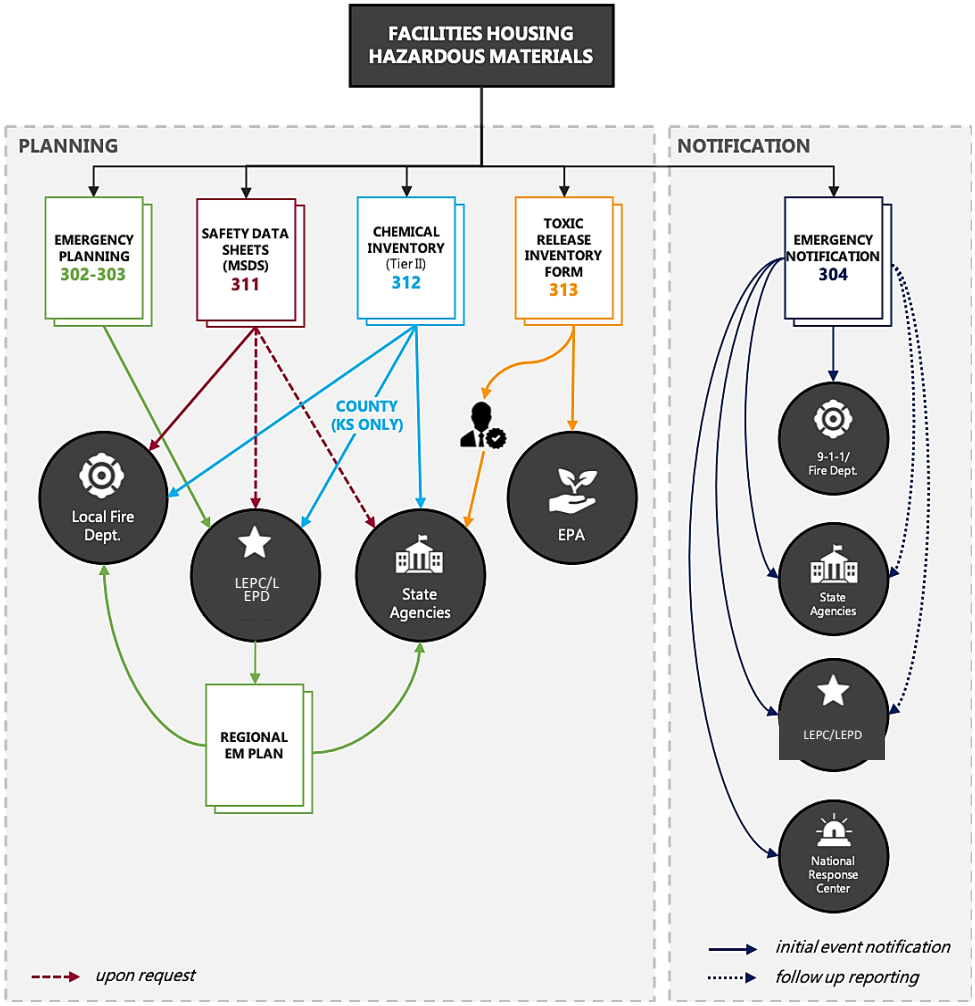


Figure 12: EPCRA Major Information Flow/Requirements for Hazmat Facilities

3.7.1 Reporting Requirements

3.7.1.1 EPCRA Section 302 — Emergency Planning

Any facility, business, or individual housing an EHS in an amount exceeding the TPQ should complete a Tier II form listing EHSs at the facility, including those having arrived on site within the previous 60 days. Submittals of Tier II forms are required to the appropriate SERC, LEPC/LEPD, and the local fire department.

Organizations in Kansas shall submit a Tier II form to the following:

- KDHE online via **http://kansas.tier2online.com**
- Their local fire department using appropriate means available
- Their County emergency management agency by the following means:
  - Johnson County
    Email to TierII@jocogov.org
  - Wyandotte County
    Email to tier2@wycokck.org
  - Leavenworth County
    Mail hard copy to:
    Leavenworth County Courthouse, Attn Emergency Management
    300 Walnut, Leavenworth, KS 66048

After receiving the Tier II form, the counties will submit copies to MARC.

Organizations in Missouri shall submit a Tier II form to the following:

- MERC via **https://hazmat.dps.mo.gov**
- Mo LEPD care of MARC Emergency Services , **mmatheis@marc.org cc vphillips@marc.org** or fax to (816) 421-7758
- Their local fire department using appropriate means available.

Refer to **Appendix D** and **Appendix G** for additional reporting processes, forms, and information.

3.7.1.2 EPCRA Section 303 —Facility Coordinators

Any facility, business, or individual housing an EHS in an amount exceeding the TPQ should provide a completed Tier II form listing EHSs held. The owner or operator of a facility shall designate a facility representative who will participate in the local planning process as a facility emergency response coordinator, and shall note this individual on the Tier II form.

3.7.1.3 EPCRA Sections 311 and 312 — Chemical Inventory/Tier II

Submittal of a Tier II report by March 1 of each reporting year is required of all facilities with more than 10,000 pounds of hazardous chemicals for which an SDS is required under the OSHA hazard communication standard; or facilities that have more than 500 pounds or the TPQ of an EPCRA EHS and/or 100 pounds of explosive or blasting agents.

3.7.1.4 EPCRA Section 313 — Toxic Emissions

Submittal of a TRI (Form R) report to EPA and state agencies by July 1st of each reporting year at one of the following addresses is required of facilities having Standard Industrial Classification Codes 20-39, with

more than 10 employees, that have manufactured, processed, or otherwise used toxic chemicals at more than the threshold quantities:

US EPA, EPCRA Reporting Center, Toxic Chemical Release Inventory
P. O. Box 3348
Merrifield, VA 22116-3348

Missouri Department of Natural Resources (MDNR), Technical Assistance Program
P.O. Box 176
Jefferson City, MO 65102

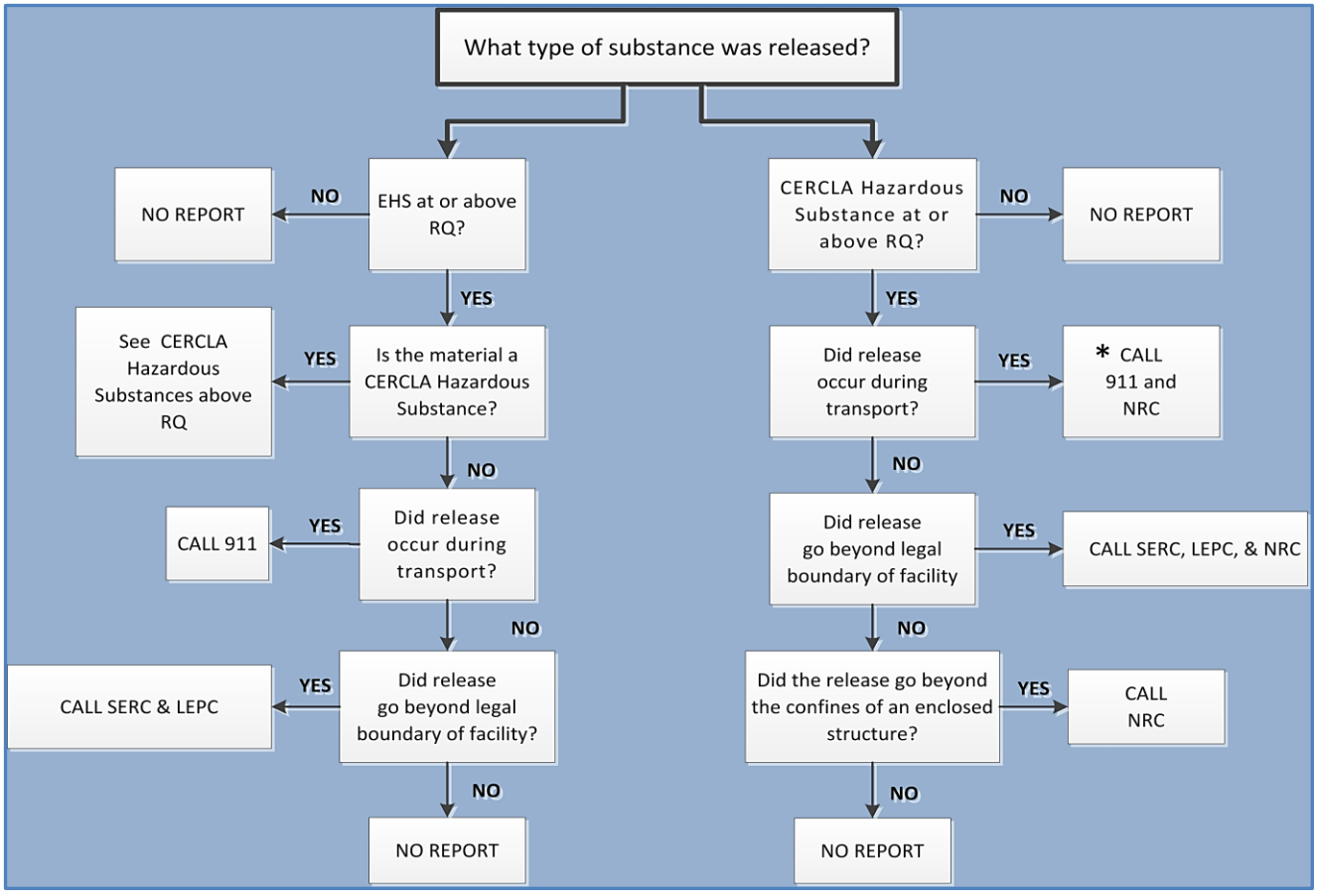
Kansas Department of Health and Environment (KDHE), Bureau of Air and Radiation
1000 Jackson, Suite 310
Topeka, KS 66612-1366

3.7.2 CERCLA and EPCRA Notification Requirements

Per EPCRA Section 304 (Accidental Releases), any facility where an EHS is released in more than the RQ and/or any facility where a hazardous substance on the CERCLA list is released in more than the RQ should immediately evaluate its requirements to make timely notification of the release to the appropriate authorities and stakeholders.

Figure 11 below describes reporting requirements, based on CERCLA and EPRCA, for hazardous facilities in the region. Additional notification guidance appears in Sections 3.7.2.1 and 3.7.2.2. Facilities should also review 40 CFR 302 and 40 CFR 355 for specific notification requirements.

Figure 13: CERCLA and EPCRA Release Reporting Chart



Note: * Calls to 911 constitute notifications of accidental release to the LEPC/LEPD.

The NRC, SERC[9], and/or LEPC must be notified of a release of an RQ of a hazardous substance or EHS into the environment according to CERCLA §103(a) and EPCRA §304. The purpose of the notification is to alert government officials that an emergency response may be necessary to protect human health and the environment. Decisions to respond to a reported release occur on a case-by-case basis. Reporting a release does not free the responsible party from liability for cleanup costs (50 *Federal Register* [FR] 13459; April 4, 1985). The following sections detail the CERCLA and EPCRA-specific notification triggers and notification requirements.

3.7.2.1 CERCLA Notification Triggers and Reporting Requirements

The following necessitate notification within 24 hours to the NRC under CERCLA:

- Release of a hazardous substance that equals or exceeds the RQ
- Release from a vessel or facility.

To fulfill the requirements under CERCLA §103(a), the person in charge of the vessel or facility must report release of a hazardous substance to the NRC within 24 hours following determination that an RQ has been released into the environment (40 CFR §302.6). Upon receipt of the report, the NRC will notify the EPA On-Scene Coordinator (OSC) at the appropriate EPA Regional office or U.S. Coast Guard district office The OSC informs state and local officials and decides on the Federal Government's response.

3.7.2.2 EPCRA Notification Triggers and Reporting Requirements

The following releases necessitate immediate notification to the SERC and LEPC under EPCRA:

- Release of a hazardous substance or EHS that equals or exceeds its RQ with potential to affect off-site persons
- Release from a facility at which a hazardous substance or EHS is produced, used, or stored.

To meet the requirements under EPCRA §304, the owner or operator of a facility must report releases of hazardous substances and EHSs to the SERC and LEPC immediately. The notice to the SERC and LEPC must include (40 CFR §355.40(b)(2)) the following:

- The chemical name or identity of any substance involved in the release
- An indication of whether the substance is an EHS
- An estimate of the quantity released into the environment
- Time and duration of the release
- Medium or media into which the release occurred
- Any known or anticipated acute or chronic health risks associated with the emergency, and where appropriate, advice regarding medical attention necessary for exposed individuals
- Proper precautions to take as a result of the release, including evacuation (unless such information is readily available to the community emergency coordinator pursuant to the emergency plan)
- Names and telephone numbers of the person or persons to be contacted for further information.

[9] In Missouri, contacting MDNR constitutes notification to the SERC; in Kansas, contacting the Kansas Division of Emergency Management (KDEM) and/or the Kansas Department of Health and Environment (KDHE) constitutes notification to the SERC.

In Missouri, send a “Hazardous Materials Release Form” follow-up report to the MERC and Region A Urban LEPD via fax to (816) 421-7758 or email to elynch@marc.org. The Hazardous Materials Release Form is in **Appendix G**.

In Kansas, submit “Form A” to the Kansas Division of Emergency Management (KDEM) within 7 days. Form A can be completed online at https://kansas.webeocasp.com/kansas/ or faxed to (785) 274-1426. (Important: If Form A is submitted online to the web address cited in the previous sentence, the Kanas Mid-America LEPC is not automatically notified. Facilities must also submit a copy of Form A to MARC via fax to (816) 421-7758 or email to elynch@marc.org.). Form A is in **Appendix G**.

4. ORGANIZATION AND RESPONSIBILITIES

4.1 IN PREPAREDNESS

4.1.1 Kansas Mid-America LEPC and Missouri Region A Urban LEPD

The LEPC and LEPD are planning organizations that convene key stakeholders in the community to coordinate preparedness activities related to hazmat incidents. Neither is a response agency; however, county emergency managers within the region also serves as Community Emergency Coordinators to address local EPCRA-related issues that may arise. Local emergency management contacts are accessible at **MARC's website** and are also listed in **Appendix A**. Specific requirements of the larger LEPC and LEPD are as follows:

- Appoint a chairperson and establish committee rules.
- Distribute, review, and update this plan annually.
- Submit a copy of this plan and any revisions to the MERC and CEPR.
- Evaluate need for resources to develop, implement, and exercise the plan, and offer recommendations regarding those resources and the means for providing them.
- Establish procedures for receiving information and responding to public comments, and designate an information coordinator.
- Establish procedures for processing requests from the public under community right-to-know provisions, including LEPC/LEPD meeting minutes and notifications of committee activities.
- Receive information and communications from facilities and/or transporters related to:
    - Notifications of chemical releases (EPCRA 304).
    - Tier II forms (EPCRA 312) that contain information on materials, including average amounts on site, locations of chemicals, etc.
    - Chemical Safety information notices on materials requiring SDS (EPCRA 311).
- Publish a notice annually to inform the public where, when, and how information available through the LEPC is available for review.
- When requested by involved jurisdictions and agencies, provide a forum for post-incident analysess of Level II and III hazmat incidents.
- Offer recommendations to local governments on additional resources that may be required and potential means for acquiring such resources.
- Assist local agencies in developing and conducting hazmat exercises and training.

4.1.2 Local Emergency Service Agencies

- Develop plans and procedures for response to hazmat incident.
- Use this plan as guidance for local planning documents.
- Maintain awareness of industry within the jurisdiction and any known hazards.
- Maintain resources (equipment, training, etc.).
- Participate in training, exercises, and after-action reviews.

- Facilitate ccommunity outreach and education on risks and protective actions.

4.1.3 Private Industry

- Designate facility Emergency Coordinator.
- Maintain posted SDSs.
- Develop emergency plans.
- Report information to LEPC/LEPD (per government requirements).
- Maintain resources, including equipment and systems.
- Participate in trainings, exercises, and after-action reviews.
- Facilitate ccommunity outreach and education on risks and protective actions.

4.1.4 State, Federal, and Non-Governmental Organizations

- Support planning efforts by facilities and response agencies as needed.
- Communicate capabilities and resources available to support local response efforts.
- Participate in training, exercises, and after-action reviews.

4.2 In Response

4.2.1 Kansas Mid-America LEPC and Missouri Region A Urban LEPD

- Receive notifications (calls to 911 constitute notifications of accidental release to the LEPC/LEPD).
- Assist identification of resources for a local emergency response agency during a protracted or large-scale incident.

4.2.2 Local Emergency Service Agencies

- Establish command of the incident scene, and ensure ICS is followed. Determine resources needed for response operations.
- Perform core functions to ensure life safety and protection of property while minimizing impacts on the environment.
- Encourage local fire departments to staff the Community Emergency Coordinator position within their respective fire protection districts and jurisdictions.

4.2.3 Private Industry

- Notify appropriate authorities of the incident immediately.
- Support operations with resources and technical expertise.
- Participate in investigation to determine cause.
- Facilitate clean-up and restoration effort as appropriate (e.g., remediation services, heavy-duty tow services, technical expertise).

4.2.4 Federal Agencies

4.2.4.1 Federal Agencies Generally

- Support response activities with additional resources (equipment, technical expertise, etc.) as requested.
- Advise command staff of available resources.
- State and federal agencies will operate under their own response plans and will integrate into the ICS structure.

4.2.4.2 EPA

- Supports, through the Federal OSC (as needed or as requested), local and state jurisdictions during hazmat and oil release incidents
- Coordinates, integrates, and manages the overall federal effort to detect, identify, contain, decontaminate, clean up, dispose of, or minimize discharges of oil or releases of hazmat, or prevent, mitigate, or minimize the threat of potential releases
- Provides expertise on environmental effects of oil discharges or releases of hazmat, and environmental pollution control techniques
- Manages EPA special teams under the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), including the Environmental Response Team, National Decontamination Team, and Radiological Emergency Response Team, which provide specialized technical advice and assistance to responders
- Coordinates, integrates, and provides investigative support, intelligence analysis, and legal expertise on environmental statutes related to oil and hazmat incidents, including those regarding criminal cases, in support of responders
- Serves as the lead federal agency under ESF #10 of the National Response Framework.

4.2.5 Nongovernmental Organizations / Other

- These may provide information, food, sheltering, medical assistance, and other essential services to persons impacted by the incident.
- Hospitals will treat patients and support decontamination (decon) of affected individuals, as needed.

4.2.6 State Agencies

4.2.6.1 MDNR

- Receives notification from the party responsible for a spill, leak or discharge of hazmat
- Responds to hazmat incidents, if necessary
- Controls public water supplies in contaminated areas to ensure safety for human consumption
- Provides sampling support and analysis to determine if private water supplies in contaminated areas are safe for human consumption
- Provides sampling support and analysis to determine if food supplies in contaminated areas meet health standards for human consumption

- Provides sampling support and analysis to determine if sport fisheries, wildlife, and game birds in contaminated areas meet health standards for human consumption
- Coordinates solid waste variances and services, burn permits, and other services as needed
- Coordinates procedures for temporary storage of stabilized hazmat, and manages legal disposal of that hazmat
- Coordinates and liaises with EPA Region 7.

4.2.6.2 Kansas Department of Health and Environment

- Provides staff members, as necessary, for emergency operations center (EOC) functions including requesting assistance and coordinating with support agencies, managing mission assignments, working with private-sector organizations for resource support, and ensuring financial accountability for ESF #10
- Provides an analytical laboratory for incident support
- Coordinates initial assistance from other state and federal agencies
- Responds as needed to incidents involving oil and hazmat
- Coordinates with ESF #8 to provide health and safety guidance in response to an oil or hazmat incident, identify medical waste, and help with the investigation of biomedical waste incidents
- Assists with sampling of water supplies suspected to be contaminated with a hazardous substance
- Implements the CHEMPACK Program through the Bureau of Public Health Preparedness
- Provides operational radiological emergency response, including conducting radiological and air monitoring; performing dose assessment, support, and guidance for monitoring and decon of the public; and offering recommendations on need to implement protective actions in accordance with the Nuclear/Radiological Incident Annex
- Reviews, evaluates, and maintains all radiation dose records for non-licensee emergency workers and other affected individuals.

The above list of responsibilities is illustrative and not complete. For more information on responsibilities related to a hazmat response, reference the ESF #10 Annex of the RCG.

5. CONCEPT OF OPERATIONS

5.1 INCIDENT MANAGEMENT

Jurisdictions' responses to hazmat incidents should be consistent with NIMS and ICS, which provide a consistent framework for standardizing incident management practices and procedures. This ensures that federal, state, and local governments can work effectively, efficiently, and cooperatively to mitigate and prepare for, respond to, and recover from incidents regardless of cause, size, or complexity.

ICS provides a useful and flexible management system, particularly adaptable to incidents involving multi-jurisdictional and multi-agency response, due to its standardized organizational structure and common terminology. The ICS organizational structure develops in a modular fashion based on the type and size of incident. The organizational structure is to be staffed from the top down starting with leadership, with four distinct sections that can be further broken down into more manageable groups and units to accomplish specific missions.

The specific organizational structure established for any given emergency will be based on the management and resource needs of the incident. ICS leadership (Command and General Staff) performs similar functions regardless of the type of emergency. Additional information relating to ICS positions and responsibilities is accessible on the Federal Emergency Management Agency's (FEMA) Emergency Management Institute website and training courses.[10]

Eight hazmat response teams are available in the Mid-America HEPA region, including seven with enhanced capabilities to respond to weapons of mass destruction (WMD) incidents. The enhanced hazmat teams meet Department of Homeland Security Type 2 Hazmat Entry Team standards. Each team has the ability to perform field-testing, air sampling and collection of known or suspected WMD agents or other chemicals; to detect and monitor for radiation sources; capable of stopping the release of WMD agents and other hazardous substances; to decontaminate equipment, personnel and citizens; and personnel are trained to applicable standards associated with Hazmat response activities. Additional information about the region's hazmat teams is in **Appendix H**.

[10] Federal Emergency Management Agency (FEMA). (2021). ICS Resource Center. Retrieved July 19, 2021, from https://training.fema.gov/emiweb/is/icsresource/index.htm

5.1.1 Hazardous Material Response ICS Positions

The information in this subsection and the following subsections lists roles with specific responsibilities related to hazmat response. Commonly, a Hazardous Materials Group is formed under the Operations Section in the ICS structure, as indicated on the following Figure 12:

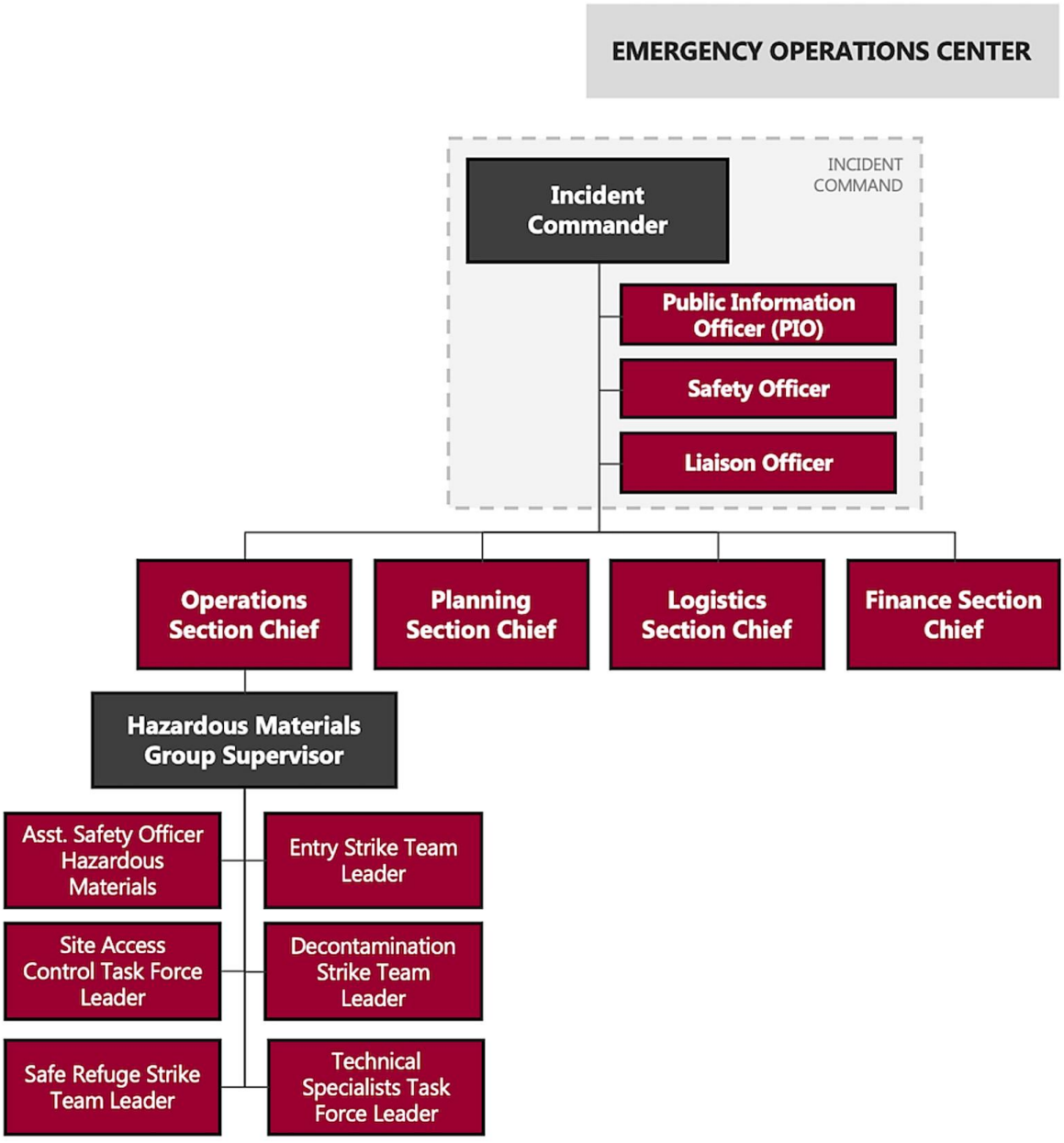


Figure 14: Hazardous Material Response ICS Positions

The sample incident command structure above is a model that is scalable according to needs of the incident and varying capabilities of jurisdictions. The following Figure 13 on the next page illustrates an example of the dynamic, scaling nature of a response to a major hazmat incident:

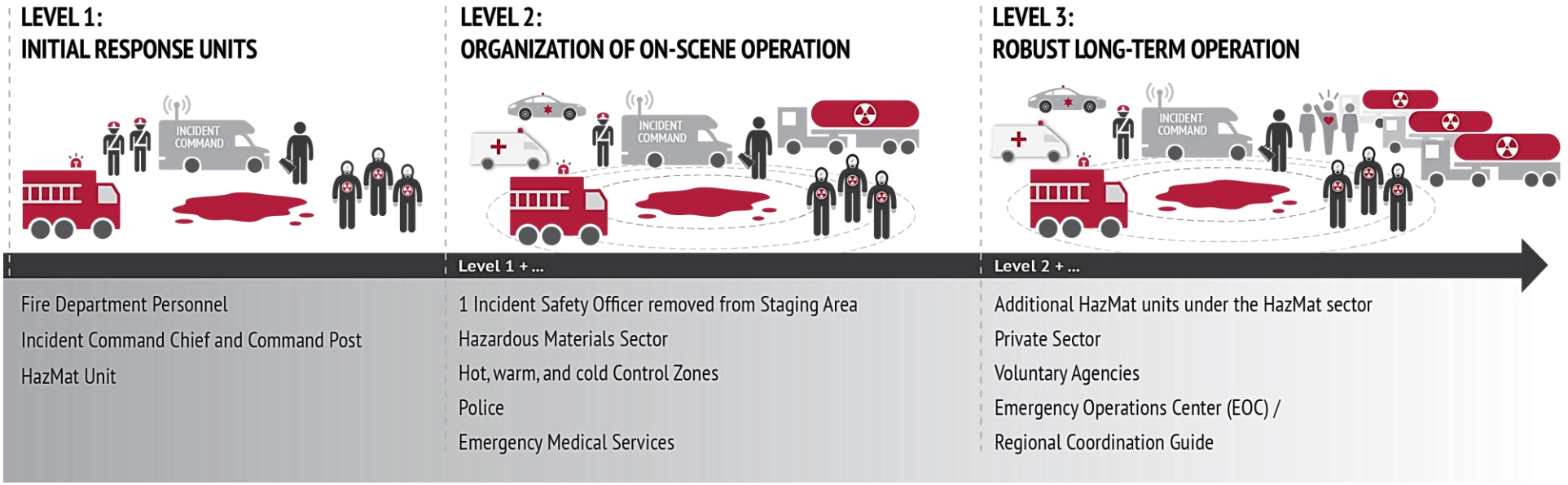


Figure 15: Hazmat Response Operational Timeline

5.2 RELEASE IDENTIFICATION

Procedures that determine whether a hazmat release has occurred and identify potential/actual impacted areas will vary based on the location of the release (e.g., geography, infrastructure, hazardous contents) and qualifications of on-scene personnel to determine and identify the nature and extent of the hazmat release. Facilities may have their own release identification criteria in their LEOPs. Typically, determination of whether a release has occurred depends on the following:

- Report from facility and/or 911 caller
- Observation of a breach to containment (note hazard placards and other identifiable information)
- Confirmation of injury, death, or significant damage.

First responders operating within the MARC region may have specialized hazmat training and qualifications that can aid determination whether a hazmat release has occurred (e.g., awareness, operations, technician) and if so, the scope of the release. PHMSA's Emergency Response Guide (ERG) is commonly used to help determine the scope of the incident and assess hazards; the RCG Regional Resource Annex is available to identify resources such as response support agencies, equipment, reference materials, etc.; and **Appendix C** of this plan contains information about vulnerable population and certain at-risk locations.

5.3 NOTIFICATION

The initial notification of a hazmat release may originate from multiple sources (e.g., public, regulated-facility personnel, emergency responders). Any individual, including but not limited to the facility/community emergency coordinator, who identifies or reasonably suspects a hazardous material release will notify 911 to initiate the response process, which includes necessary public notification.

Regarding hazmat releases at regulated facilities (i.e., those with RMPs, Tier II), the facility coordinator (or designee) will notify 911 and/or the local fire department and activate facility emergency response procedures as appropriate. Additionally, the facility emergency coordinator (or designee) will notify the individuals and entities so designated in the LEOP. The lead response agency or designee may communicate notifications outside of federal and state requirements. A notification may include communications with particular entities as part of a resource request, or with other persons listed in **Appendix A**.

Upon receipt of the initial notification of an actual or suspected hazmat release, the 911 operator will collect pertinent information related to the incident (e.g., chemical, quantity, safe routes of entry, injuries) and dispatch emergency response resources to the incident site.

After receiving the initial dispatch, the local fire department with jurisdiction will coordinate with the responding hazmat team (if dispatched), and will collect the following information to determine the incident severity level (see **Appendix H** for information on incident severity levels):

- Characteristics of the release
- Nature of the release
- Affected area/population (e.g., homes, businesses, sensitive ecosystems, waterways, transportation routes)
- Extent of multi-agency and multi-jurisdictional involvement
- Implementation of protective actions (e.g., evacuation, shelter-in-place)
- Injuries and/or fatalities

- Technical expertise and equipment required to safely mitigate the incident
- Duration of the incident.

Based on the severity of the incident, the local fire department having jurisdiction, in coordination with the responding hazmat team (if dispatched) and the local EOC (if activated), will initiate procedures to notify the requisite stakeholders based on the appropriate Regional Coordination Level (1 – Local, 2 – Expanded, 3 – Significant Regional Incident) or as stated in the LEOP. The Regional Coordination Levels section in the RCG details the triggers and actions for each Coordination Level.

Coordination may begin at a regional level with recognition of needs for:

- Exchange and/or clarification of information regarding the incident
- Dissemination of common emergency messaging
- Sharing of resources or provision of assistance to impacted jurisdictions.

Upon notification and activation of hazmat response stakeholders, agencies and organizations will conduct inter/intra-agency communications in accordance with agency/organization-specific policies and procedures and the concepts outlined in the ESF 2: Communication Annex[11] of the Kansas City Metropolitan Area RCG.

Guidance related to dissemination of initial incident notifications and follow-on messaging to community stakeholders (e.g., affected residential areas, local businesses, schools, hospitals, media) and the public appears in part in **Appendix I**.

Regarding incidents at regulated facilities that may or may not need local emergency response services, but are required to notify regulatory agencies/organizations, see the Emergency Notification section.

5.4 EMERGENCY RESPONSE

In response to an actual or suspected hazardous material release, emergency response personnel, including regulated-facility personnel with the appropriate training, will implement emergency response procedures in accordance with local and facility-specific emergency response plans and the ESF #10 – Oil and Hazardous Material Annex[12] of the Kansas City Metropolitan Area RCG to achieve the following overarching objectives:

- Identify, assess, and evaluate the risks involved with the hazardous substance or chemical, biological, radiological, nuclear, or explosive (CBRNE) agent.
- Activate and direct tactical operations involved in response to WMD/ hazmat incidents.
- Conduct rescue and decontamination activities.
- Take appropriate mitigation actions.
- Request additional resources and personnel to assist with the event.

[11] MARC (2012). Regional Coordination Guide, ESF #2 Communications Annex. Retrieved July 16, 2019, from https://www.marc.org/Emergency-Services-911/pdf/RCG_ESF2_Communications-(2013).aspx

[12] Kansas City Metropolitan Area (2013). Regional Coordination Guide, ESF #10 Oil and Hazardous Materials Annex. Retrieved July 16, 2019, from https://www.marc.org/Emergency-Services-911/pdf/RCG_ESF10_Oil-and-Hazmat-(2013).aspx

Incidents that do not require an emergency response are outside the scope of this Plan. Some facilities may not need emergency response and would use their cleanup contractor to address low-hazard, low-impact incidents.

5.4.1 Incident Assessment

Upon activation of LEOPs for a confirmed or reported hazmat release, the Incident Commander will coordinate acquisition of pertinent incident information to inform protective action decisions, resource and informational requests, and communications / notifications to pertinent stakeholders. Critical information that may be collected during a hazmat release to support decision making can include:

- Who is leading the response or investigation
- Estimated damages to or status of critical infrastructures (transportation, power, medical, water)
- Connectivity with the activated EOC and the WebEOC Regional Board.

In addition to the information elements identified above, emergency response personnel should also reference local emergency response plans and the Kansas City Metropolitan Area RCG Base Plan[13] (and associated Annexes) for additional all-hazard information requirements.

5.4.2 Protective Actions

Protective actions, including evacuation and shelter-in-place, may be implemented to protect the public and emergency response personnel from adverse effects of a hazmat release. The decision to initiate protective actions will occur in accordance with local emergency plans. For additional information relating to jurisdiction-specific policies and procedures on evacuation and shelter-in-place, interested parties should contact their local emergency management agency.

Recognizing that evacuation is a complex measure, the decision to order an evacuation must be carefully considered. The Incident Commander will decide whether to implement evacuation or shelter-in-place, in close consultation with supporting agencies and/or governing bodies. Consideration of the option to shelter-in-place should depend heavily on whether exposure risk to citizens would increase by requiring them to go outdoors into a contaminated environment.

The choice between evacuation and shelter-in-place is not mutually exclusive for a single emergency. In a given emergency, it may be most effective to evacuate one portion of the threatened population and instruct others to shelter-in-place. For a list of criteria to aid in protective action decision-making, see **Appendix F**.

5.4.2.1 Evacuation

Table 18 below lists the triggers, considerations, and risks that emergency response personnel should consider when deciding whether to order an evacuation in response to a hazmat release. Figure 9 (Regional Roadways) in Section 2.2 illustrates potential evacuation and alternate evacuation routes throughout the planning area that may be utilized during a significant hazmat incident. An interactive web map application showing locations of hazmat facilities (Non-EHS Tier II, EHS-Tier II, and RMP) and potential evacuation routes is available on the **MARC website**. Pre-scripted messages related to evacuation operations are in **Appendix I.**

13 Mid-America Regional Council. (2013, July). Kansas City Regional Coordination Guide. Retrieved July 16, 2019, from https://www.marc.org/Emergency-Services-911/pdf/RCG_BaseGuide-(2013).aspx

Table 20: Evacuation Triggers, Considerations, and Risks

Topic	Description
Triggers	**Precautionary Evacuation** ▪ Possible boiling liquid expanding vapor explosion (BLEVE) or condition that could cause an explosion ▪ Conditions or reactions that could lead to increased toxicity of a hazardous material ▪ Potential for release of an acutely toxic substance ▪ Change in wind direction or other atmospheric conditions **Immediate Evacuation** ▪ Explosion appearing imminent ▪ Current or forecasted atmospheric conditions ▪ Alterations in properties of the hazmat, increasing toxicity, or environmental damage ▪ Uncontrollable fire, or threat of the fire spreading or becoming uncontrollable, resulting in surrounding facilities catching fire or compounding the hazard ▪ Inherently unstable material likely to explode or ignite without warning
Considerations	▪ Specific area(s) affected (i.e., commercial, residential, industrial, rural, etc.) ▪ Population affected or threatened, including groups with access and functional needs (i.e., people with disabilities, pets, institutionalized, schools, hospitals, etc.) ▪ Evacuation, response, and egress routes ▪ Length of time required for evacuation ▪ Anticipated duration of the emergency ▪ Location and capacity of assembly areas and mass care facilities ▪ Security of the evacuation area ▪ Current and forecasted weather conditions
Risks	▪ Exposure of an evacuating population to a released hazmat ▪ Travel problems, particularly in adverse or severe weather ▪ Economic costs to families, lost wages of evacuees, expenses or lost revenue to business and industry, emergency response personnel costs to government, and costs associated with care and sheltering of evacuees ▪ Management of those who do not wish to leave their homes or businesses ▪ Traffic control problems ▪ Difficulty in ensuring communications with the entire impact zone.

5.4.2.2 Shelter-in-Place

Table 22 below lists the triggers, considerations, and risks that emergency response personnel should consider when deciding whether to implement shelter-in-place protocols in response to a hazardous material release.

Table 21: Shelter-in-Place Triggers, Considerations, and Risks

Topic	Description
Triggers	▪ Inadequate time to implement an evacuation ▪ Severe weather conditions that preclude movement of people ▪ Apparent necessity of shelter-in-place as a precautionary measure during the incident assessment ▪ Significant threat of exposure to evacuating individuals ▪ Release short-term and not continuous
Considerations	▪ Behavior of threatened people (they must be warned, believe the warning, recognize their risk, and know what to do and how to act.) ▪ Physical characteristics of a building or structure ▪ Meteorological conditions (wind speed, wind direction, and air temperature) ▪ Surrounding terrain and vegetation
Risks	▪ Difficulty of communicating a message with instructions to the impacted population ▪ Improper technique or lack of action that would leave some people vulnerable to exposure ▪ Characteristics of hazard change and requirements for immediate evacuation ▪ People with disabilities or other access and functional needs, and related facilities ▪ Hospitals, nursing homes, and residential care facilities ▪ Schools (public, private, nursery schools, and child care facilities) ▪ Persons lacking their own transportation.

5.5 Control and Decon

Mitigating a hazmat release must involve control of the material and provisions of decon to affected people and property. Control methods are divided into confinement and containment. A chemical, biological, or radiological incident each involves unique mitigation and decontamination considerations Many mitigation methods (physical and chemical) require personnel with highly specialized training and use of sophisticated technical equipment (e.g., vent and burn techniques), whereas personnel at first responder operational level can apply other methods (e.g., diking liquid spills).

Law enforcement likely will be asked to help with evacuations and public messaging, and Emergency Medical Services (EMS) would assist medically at the incident/decontamination site(s) and in the surrounding community. The fire department and hazmat team(s) would provide additional rescue and initial medical assistance to patients in a hazardous area.

As well as controlling the hazardous release, hazmat teams will decon people and address some or all contamination in the “hot” and “warm” zones in order to reduce the risk that the hazard poses through direct and cross-contamination. Hazmat teams may apply technical decontamination or emergency decontamination techniques depending on the incident. Environmental decontamination may occur in the cleanup phase or begin with the hazmat team response.

5.5.1 Hospitals

Hospitals in the region have basic hazmat decon capabilities through procured equipment and training, but may need assistance from hazmat teams with decon activities.

Decon techniques at hospitals may include emergency decon, gross decon, technical decon, along with active drying. Additional considerations are necessary regarding triage, hospital operations and hospital incident management, communication and patient management, and patient treatment. The following hospitals serving the MARC planning area maintain patient decon capabilities:

- AdventHealth Shawnee Mission, Johnson County
- Saint Luke's South, Johnsons County
- Saint John, Leavenworth County
- Providence Medical Center, Wyandotte County
- University of Kansas Health System, Wyandotte County
- Excelsior Springs Medical Center, Clay County
- North Kansas City Hospital, Clay County
- Research Medical Center, Jackson County
- Saint Luke's East, Jackson County
- Saint Luke's Hospital, Jackson County
- Truman Medical Center-Hospital Hill, Jackson County
- Truman Medical Center-Lakewood, Jackson County
- Saint Luke's North-Barry Road, Platte County
- Ray County Memorial Hospital, Ray County

Note: Research Medical Center, University of Kansas Health System, and Children's Mercy Hospital maintain specialized burn units to treat complex burns and wounds.

Hospitals in the metro region maintain emergency plans, as well as supporting protocols and standard operating guides (SOG) for response to all-hazards potentially affecting their facilities. These plans detail establishment of the Hospital Incident Command System (HICS) and a Hospital Command Center (HCC). Standard operating procedures are maintained as appropriate for specific activities, such as decontamination and self-sustainment in compliance with Joint Commission on the Accreditation of Healthcare Organizations standards. Healthcare and emergency response entities should reference a number of plans regarding decontamination, including:

- Local Plans: LEOPs, ESF #8 – Public Health and Medical
- Regional Plans: RCG, ESF #8 – Public Health and Medical Annex[14]
- Cleanup and Recovery.

Cleanup and recovery is the final stage of the hazmat incident. Because the shipper, spiller, or owner is responsible for recovery and cleanup, hazmat teams and other emergency response personnel typically do not participate in this stage of an incident. Many times, contracted companies will conduct cleanup operations, including containment, disposal, and remediation activities. While cleanup and recovery follow emergency response, a cleanup contractor often requires time to arrive on the scene with the proper resources. For that reason, the Incident Commander must ensure: (1) the responsible party contacts an appropriate cleanup company as soon as possible, and (2) as much mitigation of the impact

[14] https://www.marc.org/Emergency-Services-911/MEMC/Other-Resources/Regional-Coordination-Guide

of the spill as possible before arrival of the cleanup contractor. If a responsible party has been identified, that party bears legal responsibility for cleanup but may require assistance of Incident Command to ensure notification to the contracted company of capabilities that will be necessary. Similarly, tow and vehicle recovery companies should be contacted as early as possible to render timely services.

Cleanup operations should proceed under supervision of the appropriate authority. Typically, city or county environmental departments will work with partner state agencies as needed to oversee cleanup efforts (chiefly KDHE and MDNR). Responsibility for declaring the area affected by hazmat "safe" or "clean" varies based on the scope of the incident. In instances of small releases that are quickly managed, the Incident Commander may make this determination. In instances of larger or more complex incidents, the jurisdiction's environmental personnel or KDHE/MDNR representative will decide when this determination is appropriate.

5.5.2 Liability

Hazmat teams and/or other emergency response personnel shall not directly contact private cleanup/disposal companies. Responsible parties should be informed that they are financially responsible for cleanup and disposal of hazmat. If a responsible party cannot be identified or release occurred on public property, the Incident Commander typically notifies the local jurisdiction of need for cleanup operations.

5.5.3 Cost Recovery

In the aftermath of a hazmat release, publicly managed emergency response agencies (e.g., local fire departments) are responsible for stabilizing and containing the incident to mitigate against further impacts on life, property, and the environment—even if compensation cannot be guaranteed Certain direct costs associated with incident operations exceeding 48 hours may be eligible for reimbursement (e.g., labor, equipment rental or depreciation, insurance, material, fuel). Following conclusion of the incident will occur normal bidding procedures determined by the jurisdiction's government administrative codes, and procedures for construction and demolition of local government projects. Below is a list of potential funding sources for hazmat incidents that may be become available to local jurisdictions within the MARC Region .

In instances where the responsible party is identified as a non-publicly managed entity (e.g., regulated facility), the responsible party or designee will be responsible for assuming the costs associated with cleanup/remediation of the hazmat release.

5.5.3.1 State Funding Sources

- Missouri "Spill Bill": Local fire departments and hazmat teams often respond to events involving release of a hazardous substance. Sections 260.500 through 260.550 (Spill Bill) of the *Revised Statutes of Missouri* include provisions for emergency responding agencies to recover cleanup costs associated with hazardous substance spills. The Spill Bill is accessible online.[15]
- In 2021, State of Kansas passed a similar bill, KSA 65-171(v), that requires responsible parties to report the release of hazardous substance and conduct appropriate response actions. The bill also allows the State to establish reportable quantities for some hazmats and recover costs incurred by response agencies.

[15] MDNR (2015, August). Missouri Spill Bill. Retrieved July 16, 2021, from http://dnr.mo.gov/env/esp/spillbill.htm

5.5.3.2 Federal Funding Sources

- The Oil Pollution Act of 1990 established the Oil Spill Liability Trust Fund. This fund provides assistance for oil spill cleanup. The National Pollution Funds Center (managed by the U.S. Coast Guard) and the Federal OSC will determine eligibility for this fund. Funds typically are available to federal OSCs for oil removal actions, including:
  - Containing and removing discharged oil from water and shorelines
  - Preventing or mitigating a substantial threat of discharge of oil to water and shorelines
  - Taking other necessary actions to prevent, minimize, or mitigate damage to the public health and welfare.
- Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Hazardous Substances Response Trust Fund (Superfund). This fund provides assistance for cleanup of hazmat in general. Federal OSCs will determine eligibility for this fund.

5.5.3.3 Limitations

- Responsible party must be unknown, unwilling, or unable to adequately clean up release.
- Funds are available only for federally managed responses.
- Robert T Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, 42 USC 5121-5207, and Related Authorities ("Stafford Act"):
  - Stafford Act funding may be available when the President declares an emergency or major disaster.
  - Funding requests flow from the state through FEMA. FEMA determines eligibility of such requests, which includes a determination that state/local resources cannot fulfill the given mission. Where ESF #10 assets/resources are requested, EPA is the primary agency for fulfilling such requests.
- ESF #10 funding typically includes a state cost share, and may include a local cost share as well.

5.5.4 Reporting

5.5.4.1 After-Action Reports

Local agencies should develop after-action reports to document their activities during hazmat emergency response and recovery operations. Reports should evaluate incident response and management areas, including initial notification, dispatch, initial assessment, containment measures, scene management, hazmat operations, resource allocation, public warning and information, protective actions, and communications.

LEPC/LEPD meetings serve as a forum to review actual incidents, discuss areas for improvement, and share best practices for Level II and III incidents.

5.5.4.2 Follow-up Reporting

In accordance with SARA, Title III, Section 11004, and 11 CSR 10-11.230, any facility required to report release of a hazardous substance or EHS under the above codes shall also send written follow-up notices to MERC or CEPR, and LEPD or LEPC. Federal, state, and local agencies with regulatory, investigative, or prosecutorial responsibilities should compile information concerning the incident and its cause in an investigative report.

5.6 HAZARD MITIGATION

Hazard mitigation is an ongoing process to reduce or prevent risk to human life, property, and the environment from natural, human-caused, or technological hazards. Effective hazard mitigation actions must occur before an emergency.

The Missouri counties of Cass, Clay, Jackson, Platte, and Ray developed a Regional Multi-Hazard Mitigation Plan[16] that provides local governments and emergency responders an analysis of current conditions in each county, an assessment of hazards, and a description of mitigation strategies participating jurisdictions have undertaken.

The Kansas counties of Johnson, Leavenworth, and Wyandotte have developed individual hard mitigation plans that are accessible on websites of the three counties:

- Johnson County Kansas Mitigation Plan[17]
- Wyandotte County Hazard Mitigation Plan[18]
- Leavenworth County Kansas Hazard Mitigation Plan.[19]

Mitigation actions can occur as a single-purpose project undertaken within a limited time frame, as incremental actions over an extended period, or as part of a repair and restoration process following a disaster. Mitigation actions tend to be policy-oriented, and therefore involve elected officials to formulate local policy and enact appropriate ordinances and regulations that result in effective mitigation measures Examples of mitigation activities include:

- Adoption of legislation or ordinances
- Improvement of facilities at risk
- Identification of hazard-prone areas and development of standards for prohibited/restricted use
- Development of warning systems and population protection measures.

5.7 PLAN MAINTENANCE

The RHMEPP will be updated regularly to reflect hazardous materials vulnerabilities and hazard changes in the region. The respective Kansas and Missouri departments of emergency management will receive completed or updated versions of this plan for their review. Results of plan reviews and any subsequent updates, along with LEPC meeting summaries that document plan review, are to be submitted to KDEM (detailed LEPC meeting minutes may be submitted in lieu of written review results). The Missouri Urban Region A LEPD will submit a copy of the plan to MERC.

MARC, Metropolitan Emergency Managers Committee (2020). Regional Hazard Mitigation Plan. Retrieved July 19, 20219, from https://marc2.org/assets/emergency/2020_regional_hazard_mitigation_plan.pdf

[17] Johnson County, Kansas (2019). Mitigation Plan. Retrieved July 19, 2021, from https://www.jocogov.org/dept/emergency-management/emergency-management-program/county-emergency-plans/mitigation-plan

[18] Wyandotte County, Kansas (2019). Region L Multi-Jurisdictional Hazard Mitigation Plan (2019-2024). Retrieved July 169 2021, from https://www.wycokck.org/Departments/Emergency-Management/Plans

[19] Leavenworth County, Kansas (2013, January). Multi-Jurisdictional Mitigation Plan. Retrieved July 19, 2021, from https://www.lansing.ks.us/DocumentCenter/View/3406/2012-LV-Mitigation-Plan

6. RESOURCE MANAGEMENT

Additional details on available resources are in **Appendix H**.

6.1 GENERAL RESOURCE REQUEST PROCESS

Dispatch and coordination of initial emergency response proceed through the local public safety answering point (PSAP) or local dispatch center. Initial first responders may include primary jurisdiction and mutual-aid fire department resources, hazmat team(s), law enforcement, and EMS. If need for additional mutual aid increases, establishment of an incident command post (ICP) may occur to facilitate the resource request process according to local procedures (i.e., communication with the PSAP). Additionally, some jurisdictions may activate their local or area EOCs to assist with resource management and other functions.

The region's emergency management officials utilize the software application WebEOC to increase awareness and facilitation of available regional resources. Many local jurisdictions and counties in Missouri use the WebEOC system operated by the Missouri State Emergency Management Agency. The City of Kansas City, Missouri (KCMO) operates its own stand-alone WebEOC system. The Missouri State and KCMO systems are integrated and can be utilized to request, process, and track resources during a disaster. KDEM operates a statewide WebEOC system, as do several other counties and jurisdictions within the MARC planning area. Leavenworth, Johnson, and Wyandotte Counties all operate individual WebEOC systems; Johnson County's WebEOC software also serves as a regional system for all jurisdictions and counties within the MARC area, which includes 119 cities and nine counties.

All local Kansas WebEOC systems are integrated with the Kansas statewide system. Additionally, the Kansas and Missouri statewide WebEOC systems are integrated. Each of these systems can be utilized to request, process, and track resources during a disaster.

Another resource tracking asset is the regional "Rapid Tag" system that can develop tags for specific equipment and has a database to track that information. Locations of this system are as follows:

- Independence Missouri Office of Emergency Preparedness
- Kansas City Fire Department
- Johnson County Kansas Emergency Communications Center.

Hospitals in the MARC planning area use the EMResource system to track availability of hospital beds and emergency department capacity.

7. PUBLIC INFORMATION

Upon receipt of initial notification of an actual or suspected hazmat release, the local fire department assesses need for and coordinates with the local EOC (if activated) and other emergency response agencies/organizations to develop and disseminate pertinent information to community stakeholders (e.g., local businesses, schools, hospitals, media) and the public—in accordance with concepts outlined in the respective local Emergency Public Information plans and the ESF #15 Emergency Public Information Annex[20] of the Kansas City Metropolitan Area RCG. Additional hazmat-specific public information is in the ESF #10 Oil and Hazardous Materials Annex[21] of the Kansas City Metropolitan Area RCG.

There several public alert systems in the region that may be used to aid in alerting the public of an incident depending on the situation (see **https://preparemetrokc.org/regional-emergency-alert-systems/**). The public is encouraged to know which is available in their community and to participate in the program if able.

The following circumstances can facilitate effective dissemination of public information during a hazmat release:

- The public is well informed and thus better prepared to take appropriate actions during hazmat emergencies.
- As the incident progresses beyond the warning stage, the public is regularly updated as to the status of the emergency and its continued impact.
- Whenever possible, a joint public information effort including government agencies, nongovernmental organizations, and the affected facility clarify information released to the public and render that information consistent. A Joint Information Center (JIC) may be activated, if required.

As other response functions, conveyance of public information should be managed within ICS and as detailed in LEOPs. Each jurisdiction may establish public information capabilities differently depending on resource capabilities and requirements, but all should conduct the following core activities:

- Rapidly disseminate accurate information.
- Rumor control.
- Respond to media and citizen inquiries.

Pre-scripted public announcements templates for hazmat incidents are in **Appendix I**.

7.1 REGIONAL ASSOCIATION OF PUBLIC INFORMATION OFFICERS

The Regional Association of Public Information Officers (RAPIO), is an organization that allows local Public Information Officers (PIO) opportunities to share information, work cooperatively on regional issues, and network with their peers during emergencies. For communities that require supplemental resources, PIOs operate in other cities and counties, as well as in state and federal partner agencies, private agencies, utilities, and special districts.

[20] MARC (2013, July 10). RCG, ESF #15 Emergency Public Information Annex. Retrieved July 16, 2019, from https://www.marc.org/Emergency-Services-911/pdf/RCGESF-15-Emergency-Public-Info-(2013).aspx

[21] Kansas City Metropolitan Area (2013). RCG, ESF #10 Oil and Hazardous Materials Annex. Retrieved July 16, 2019, from https://www.marc.org/Emergency-Services-911/pdf/RCG_ESF10_Oil-and-Hazmat-(2013).aspx

7.2 Media Access

7.2.1 Ground Access

In the event of a hazmat incident, the media's access to the scene will be dictated by the event and will be at the discretion of the Incident Commander. The media will be provided access at a safe location and will be informed via scheduled briefings.

7.2.2 Air Access

Federal Aviation Administration Regulation (FAR) 91.137 covers temporary flight restrictions during incidents/disasters, and sets forth procedures that pilots of media and other aircraft must follow. Permission to fly over incident sites may be denied if such flights would pose a significant safety hazard to the general public or compromise management of the event.

Local officials may request temporary flight restrictions by contacting the Federal Aviation Administration (FAA) Regional Operations Center at (816) 426-4600.

7.2.3 Local Public Information Officers (PIO)

- The local government PIO organization may rely on several different communication methods for dissemination of information to the media, and for responses to direct public inquiry. The size and scope of the incident, as well as capabilities of the jurisdiction, will be factors in determining what methods are applied to alert the public. Possible methods include, but are not limited to:
  - Dissemination of information to all available media (broadcast radio, television, and cable access)
  - Dissemination of information to social media
  - Activation of the Emergency Alert Systems (EAS) and/or Integrated Public Alert and Warning System (IPAWS)
  - Use of mobile public address systems
  - Use of mass electronic notification systems
  - Use of devices and application of methods for individuals with disabilities
  - Door-to-door notifications.
- The PIO should ensure availability of adequate equipment resources to handle the number of inquiries (i.e., activate a call center, if needed).
- The PIO should anticipate that primary forms of communication may be inoperable due to the nature of the emergency. Redundant sources of communication should be considered, such as Amateur Radio Emergency Service (ARES).
- The local government may activate or request activation of local EAS stations following established EAS procedures.
- Local commercial radio is a rapid means of communicating emergency information to the public However, as modes of communication evolve, agencies may have to consider additional ways to transmit key messages. Other means of communication include regional radio stations, television, and newspapers; special emergency information supplements to newspapers, social media, websites, leaflets, and public address systems; and personal contact.
- Some incidents may necessitate establishment of hotlines or toll-free numbers to provide information to the public. Additionally useful may be 3-1-1 (Kansas City, Missouri), United Way 2-1-1, or other government-established hotlines.

8. TRAINING AND EXERCISE

8.1 TRAINING

The Regional Hazardous Materials and Emergency Preparedness Alliance through MARC maintains a standing training subcommittee that meets regularly, establishes a training budget, and maintains a calendar of hazmat courses. The subcommittee works with local agencies to ensure their personnel are trained to a level commensurate with their emergency responsibilities. The training offered focuses primarily on the region's hazmat teams, but the subcommittee works to provide courses pertinent to smaller local departments and those with volunteer personnel.

The subcommittee coordinates efforts with the Training and Exercise Subcommittee of the Regional Homeland Security Coordinating Committee (RHSCC). Courses from FEMA and the U.S. Department of Homeland Security concerning response to CBRNE-related incidents are offered through this committee and works closely with state training partners to ensure minimization of duplication and use of limited resources. Types and number of training courses may vary each year depending on available resources. The training subcommittee develops an annual work plan/schedule that focuses on provision of training opportunities in various subjects over the course of the calendar year. The LEPC, in conjunction with the Heart of America Fire Chiefs, develops the plan for hazmat training for the entire region. The Regional Training and Exercise Program calendar of courses is available online.[22]

The training subcommittee promotes NIMS training to help local jurisdictions and community partners meet compliance requirements. NIMS training is incorporated on the yearly calendar at the website listed below. All hazmat training courses sponsored by the Mid-America LEPC comply with the requirements of CFR 1910.120, National Fire Protection Association (NFPA) 472 and 473, and/or other federal and state training requirements. Training partners include Missouri SEMA, KDEM, FEMA, University of Missouri Fire and Rescue Training Institute, and the Kansas Fire & Rescue Training Institute.

8.2 EXERCISE

Missouri Region A Urban LEPD and Kansas Mid-America LEPC participate in at least one hazmat exercise each year. The LEPC and LEPD meet the annual requirement to exercise this plan and the response to a hazmat incident by supporting its member agencies in planning and executing a hazmat exercise and/or by sponsoring their own exercise.

Local jurisdictions maintain varying exercise requirements. To maximize limited funding and allow for maximum participation, the LEPC and LEPD work closely with the Regional Homeland Security Training and Exercise Subcommittee to achieve regional exercise goals and objectives while avoiding duplication of efforts.

Exercises supported by the LEPC/LEPD may be discussion-based and/or operational. Exercises are designed to test applicable local emergency response plans and facility response plans as appropriate. Lessons learned from after-action reports of these exercises help identify areas of improvement. Additionally, recognizing the benefits of lessons learned from actual incidents, the LEPC provides a forum for operational reviews of real events.

[22] MARC (2019, June). Training & Exercise. Retrieved July 16, 2019, from http://www.marc.org/emergency/training/

Direct questions regarding training and exercises supported by MARC, LEPC, and LEPD to the Emergency Services Training and Exercise Program Manager, Mid-America Regional Council, 600 Broadway, Suite 200, Kansas City, MO 64105 or (816) 474-4240.

9. PLAN MAINTENANCE

The HEPA Plans Subcommittee is responsible for updating and maintaining this plan. Reviews and updates to it occur annually or more frequently as changes in circumstances within the community or a facility require. Updates will be logged on the Record of Amendments (at the front of this document).

Following each review/update of it, this plan will be re-submitted to the MERC and the CEPR. These organizations will examine the plan for consistency with SARA Title III, Section 303 and other plans, and may offer recommendations to the LEPC/LEPD Plans Subcommittee, as appropriate.

Appendix A: Stakeholder Contact Information List

REGIONAL HAZARDOUS MATERIALS

Regulated Facilities

Tier II Facility Emergency Coordinators

The table below lists Tier II facilities within the Kansas Mid-America Local Emergency Planning Committee (LEPC) planning area, as provided to Kansas Department of Health and Environment, that did not use/store an extremely hazardous substance (EHS) during the 2020 reporting period.

Table A-22: Kansas Non-EHS Tier II Facility Emergency Contacts (2020)

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Forterra Concrete Products	23600 W 40th St	Bonner Springs	66226	Johnson	817-888-4689
Evergy-Southland Service Center	19950 Newton St	Bucyrus	66013	Johnson	816-701-0613
Engineered Air	32050 W 83rd	Desoto	66018	Johnson	785-760-3251
Evergy-95th & Waverly Substation	9360 Waverly	Desoto	66018	Johnson	785-575-1265
Huhtamaki Inc	9201 Packaging Dr	Desoto	66018	Johnson	816-377-1979
Amerikan - Dragonslayer	S29 T14S R22E	Edgerton	66021	Johnson	620-363-1140
Area Management - Longanecker	SEC 30-T14-R22	Edgerton	66021	Johnson	913-648-7700
BNSF Railway Co - Edgerton	Mile Post 39.3	Edgerton	66021	Johnson	800-832-5452
BNSF Railway Co - Edgerton LPKC	32880 W 191st St	Edgerton	66021	Johnson	800-832-5452
Bradley Oil - Sala	N38.78810 W94.974067	Edgerton	66021	Johnson	620-363-1140
Chewy Fulfillment Center	30901 W 191st St	Edgerton	66021	Johnson	616-318-9262
D & Z - Cattletrack Lease	33-14-22	Edgerton	66021	Johnson	618-829-3274
D & Z - Sugar Ridge Farms Lease	29-14-22	Edgerton	66021	Johnson	618-829-3274
D E Exploration - Schroeder/White	38740 W 199th St	Edgerton		Johnson	785-883-4057
Evergy-West Gardner Station	18827 Dillie Rd	Edgerton	66021	Johnson	816-701-0613
Flexsteel Industries Inc	31608 W 191st St	Edgerton	66021	Johnson	913-228-2105
HB Energy - Haleem	Sec1 T15S R21E	Edgerton		Johnson	785-979-9493
Hoehn Oil - Gillespie	Sec 31-14-22	Edgerton	66021	Johnson	913-908-5976

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Hoehn Oil - Smith	Sec 19-14-22	Edgerton	66021	Johnson	913-908-5976
Hostess Brands Distribution Center	30800 W 207th St	Edgerton	66021	Johnson	913-706-0588
Hughes Drilling Co	3 Locations	Edgerton	66021	Johnson	785-979-2964
Kubota North American Dist Ctr	31700 W 207th St	Edgerton	66021	Johnson	913-339-8961
Mid-States Materials- Edgerton	20125 Sunflower Rd	Edgerton	66021	Johnson	785-633-8220
MKC4	19451 Waverly Rd	Edgerton	66021	Johnson	636-352-3292
Petroleum Technologies Inc	7 Locations	Edgerton	66021	Johnson	913-638-6398
Reusch Well - Baker Lease	17425 Edgerton Rd	Edgerton	66021	Johnson	785-418-4254
Reusch Well - Hendrix Lease	37365 W 175th St	Edgerton	66021	Johnson	785-418-4254
Smart Warehousing LLC	18905 Kill Creek Rd	Edgerton	66021	Johnson	913-709-1871
Spectrum Brands Central Fulfillment Ctr	31100 W 196th St	Edgerton	66021	Johnson	818-266-0384
St Petroleum, Inc	4 Locations	Edgerton	66021	Johnson	913-638-6398
Triumph Aerospace Structures	31800 W 196th St	Edgerton	66021	Johnson	913-731-8759
TSL Terminals - Edgerton	31115 W 191st St	Edgerton	66030	Johnson	913-269-0776
United Parcel Service - Edgerton	19400 Essex St	Edgerton	66021	Johnson	913-207-1721
Vernon, Thomas - Thomas Lease	18105 Edgerton Rd	Edgerton	66021	Johnson	913-893-6544
Walmart Ecom Fulfillment #9073	30801 W 191st St	Edgerton	66021	Johnson	479-204-6188
Whitlow Energy - Thomas	37140 W 176th Terr	Edgerton	66021	Johnson	913-378-4829
Johnson County WW - Belinder PS	5700 Belinder	Fairway	66205	Johnson	614-309-8653
Bridwell Oil - Cutting C	W 183rd St	Gardner	66030	Johnson	940-691-1535
Bridwell Oil - Garner Holdings	18140 Four Corners Rd	Gardner	66030	Johnson	940-691-1535
Butler Petroleum - Rankin	Sec 9 T14 R22E	Gardner	66030	Johnson	972-345-9195
Cramer Products Inc	153 W Warren	Gardner	66030	Johnson	785-248-4793
D & Z Exploration, Inc	3 Locations	Gardner	66030	Johnson	618-829-3274
D E Exploration - Evans	Sec1 T15 R21E	Gardner		Johnson	785-883-4057
Gardner Central Office	107 S Elm	Gardner	66030	Johnson	866-864-2255
HB Energy LLC	3 Locations	Gardner		Johnson	785-979-9493
Frick Energy Services, LLC	6 Locations	Gardner	66030	Johnson	785-893-3549
Reusch Well - Wamsley Lease	17160 Sunflower Rd	Gardner	66030	Johnson	785-418-4254
St Petroleum - Kramer	Sec 16 T14 R22E	Gardner		Johnson	913-638-6398
St Petroleum - Thomas C	Sec.14 Twp.14s R.22e	Gardner		Johnson	913-638-6398
Ironhorse Golf Club	15400 Mission Rd	Leawood	66224	Johnson	913-238-3161
Jiffy Lube #353	10300 State Line	Leawood	66206	Johnson	972-812-7967
Waterway Gas & Wash #32	4200 W 119th St	Leawood	66209	Johnson	314-574-6626

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Amazon.Com Services - Mci5	16851 W 113th St	Lenexa	66219	Johnson	480-249-2673
Amazon.Com Services - Mkc3	11011 Lackman Rd	Lenexa	66210	Johnson	816-888-1294
American Bottling Co - Lenexa	9960 Lakeview	Lenexa	66219	Johnson	316-529-3777
Arrow Material Handling	16000 W 108th St	Lenexa	66219	Johnson	913-495-4800
B/E Aerospace	10800 Pflumm Rd	Lenexa	66215	Johnson	913-217-8484
Biomune Co - College Crossing	11110 Strang Line Rd	Lenexa	66215	Johnson	816-605-3731
Biomune Co - Meritex Warehouse	17501 W 98th St	Lenexa	66219	Johnson	816-605-3731
Biomune Co - Rosehill	8906 Rosehill Rd	Lenexa	66215	Johnson	816-605-3731
BNSF Railway Co - Craig	8934 Millstone Dr	Lenexa	66220	Johnson	800-832-5452
BNSF Railway Co - Lenexa	15045 Santa Fe Trail Dr - Rr Mi Post 16.9	Lenexa	66219	Johnson	800-832-5452
Broderson Mfg Corp	14741 W 106th St	Lenexa	66215	Johnson	314-322-6856
BWI Companies Inc - #11 BWI Kansas City	11010 Strang Line Rd	Lenexa	66215	Johnson	913-710-0077
Carrier Enterprise - Lenexa	15470 W 110th St	Lenexa	66219	Johnson	913-269-9676
Clarkson Construction-Lenexa	10397 Renner Rd	Lenexa		Johnson	816-808-8389
Composites One LLC	16900 W 113th St	Lenexa	66219	Johnson	816-536-0148
Costco Wholesale #349	9350 Marshall Dr	Lenexa	66215	Johnson	513-368-9642
Crown Lift Trucks	9500 Widmer Rd	Lenexa	66215	Johnson	419-629-2311
Databank - KC1	15721 College Blvd	Lenexa	66219	Johnson	913-602-3362
Databank - KC3	11200 Lakeview Ave	Lenexa	66219	Johnson	913-602-3362
Deluxe Distribution Center	15505 W 113th St	Lenexa	66219	Johnson	913-634-4972
EGP Lenexa (Blackfin)	11201 Renner Blvd	Lenexa	66219	Johnson	816-527-3940
Evergy-Johnson County Service Center	16215 W 108th St	Lenexa	66219	Johnson	816-701-0613
Fedex Ground - Facility #641 Lenexa	8000 Cole Pkwy	Lenexa	66227	Johnson	913-915-9378
Flowers Baking Co Of Lenexa LLC	8960 Marshall Dr	Lenexa	66215	Johnson	816-642-8838
Gateway Phase II Project	K-10 & Ridgeview	Lenexa	66219	Johnson	816-804-6845
Gear for Sports/Hanes-Commerce	9700 Commerce Pkwy	Lenexa	66215	Johnson	913-208-3736
Gear for Sports/Hanes-Lackman	9700 Lackman Rd	Lenexa	66215	Johnson	913-208-3736
Harbisonwalker International Inc	14515 W 96th Terr	Lenexa	66215	Johnson	816-309-6454
Heartland Coca Cola Lenexa Dc	9000 Marshall Dr	Lenexa	66215	Johnson	636-328-4182
Ink Cycle Inc	11100 W 82nd St	Lenexa	66214	Johnson	813-544-6077
J C Penney Logistics Center	10500 Lackman Rd	Lenexa	66219	Johnson	(913)541-2344

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Jack Henry & Associates Inc	10910 W 87th St	Lenexa	66214	Johnson	417-235-9821
Jiffy Lube #1628	13520 W 87th St Pkwy	Lenexa	66215	Johnson	972-812-7967
Johnson Controls Fire Protection	11019 Strang Line Rd	Lenexa	66215	Johnson	316-708-9784
Kansas City Specialty Pharmacy	11162 Renner Blvd	Lenexa	66219	Johnson	913-967-9785
Lanter Distributing LLC	17501 W 98th St	Lenexa	66219	Johnson	816-797-1089
Lenexa Ossc N Data	15201 W 99th St	Lenexa	66214	Johnson	913-515-4448
Lenexa Ossc S Data	16020 W 113th St	Lenexa	66219	Johnson	913-515-4448
Lenexa Pcs Switch	15481 W 110th St	Lenexa	66219	Johnson	913-515-4448
Machine Laboratory	8040 Bond St	Lenexa	66214	Johnson	816-210-1501
Machine Laboratory Warehouse	11048 Strang Line Rd	Lenexa	66215	Johnson	816-210-1501
Magnum Products	15740 W 108th St	Lenexa	66219	Johnson	913-927-4442
Milliporesigma	13804 W 107th St	Lenexa	66215	Johnson	314-440-9533
Novation IQ	9806 Lackman Rd	Lenexa	66219	Johnson	913-230-6299
Penske Truck Leasing Co LP	17225 W 116th St	Lenexa	66215	Johnson	800-529-0798
Praxair Distribution-Lenexa	9725 Alden St	Lenexa	66215	Johnson	800-772-9427
Quest Diagnostics	10101 Renner Blvd	Lenexa	66219	Johnson	913-636-2634
Ryder Truck-#0381a	10003 Lackman Rd	Lenexa	66219	Johnson	800-215-4839
Sam's Club 8208	12200 W 95th St	Lenexa	66215	Johnson	479-204-3911
Shaw Industries Inc-Plant 3k	16955 W 116th St	Lenexa	66219	Johnson	804-721-8424
Sunbelt Rentals - Pc779	9101 Rosehill Rd	Lenexa	66215	Johnson	816-787-8335
Systemair Mfg Inc	10048 Industrial Blvd	Lenexa	66215	Johnson	913-433-4415
Thermo Fisher Scientific	12076 Santa Fe Trail Dr	Lenexa	66215	Johnson	816-605-4857
Transcontinental Robbie Inc	10810 Mid-America Ave	Lenexa	66219	Johnson	703-851-2347
Tuthill Corporation	14850 W 101st Terr	Lenexa	66215	Johnson	913-203-0333
United Parcel Service-Johnson	14650 Santa Fe Trail Dr	Lenexa	66215	Johnson	913-207-1721
Veritiv Operating - Lenexa KS021	10960 Lakeview Ave	Lenexa	66219	Johnson	913-441-7760
Williams Foods Inc - 99th St	13301 W 99th St	Lenexa	66215	Johnson	913-313-9572
Williams Foods Inc - Santa Fe	14350 Santa Fe Trail Dr	Lenexa	66215	Johnson	913-313-9572
Windstream - KC Central Office	7945 Bond St	Lenexa	66214	Johnson	800-345-4484
Airgas Dry Ice	5127 Merriam Dr	Merriam	66203	Johnson	913-907-5439
Carmax #7173	6801 E Frontage Rd	Merriam	66204	Johnson	630-696-2084
Concrete Materials Inc	9900 W 75th	Merriam	66204	Johnson	913-722-1661
Enterprise Leasing Co Of KS LLC	5359 Merriam Dr	Merriam	66203	Johnson	913-219-1593
Synchrony Financial	9510 W 67th St	Merriam	66203	Johnson	913-232-1395
The Home Depot Store #2202	5700 Antioch Ave	Merriam	66202	Johnson	913-563-8124
Jiffy Lube #1460	5850 Broadmoor	Mission	66202	Johnson	972-812-7967

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Packaging Products Corp	6800 W 61st St	Mission	66202	Johnson	913-530-4182
Target T1487	6100 Broadmoor St	Mission	66202	Johnson	612-307-5600
Advanced Aviation	5 Aero Plaza	New Century	66031	Johnson	913-768-1500
Amazon.Com Services - Mci7	27200 W 157th St	New Century	66031	Johnson	610-585-6609
Danisco USA Inc	4 New Century Pkwy	New Century	66031	Johnson	913-553-8496
De Elliotte Co Inc	201 Prairie Village Dr	New Century	66031	Johnson	913-707-8264
Ferrellgas - New Century	109 Prairie Village Dr	New Century	66103	Johnson	888-337-7355
Penny's Concrete - Gardner	16741 Conestoga St	New Century	66031	Johnson	785-423-1516
Signature Flight Support Corp	280 Gardner Dr	New Century	66031	Johnson	816-500-0468
Steel & Pipe Supply Co Inc	401 New Century Pkwy	New Century	66031	Johnson	800-874-5167
Vestcom New Century	301 Gardner Dr	New Century	66031	Johnson	913-484-6544
AIG - 17200	17200 W 119th St	Olathe	66061	Johnson	913-915-4506
Bottling Group LLC	1775 E Kansas City Rd	Olathe	66061	Johnson	316-377-3056
Canyon Stone	550 E Hwy 56	Olathe	66061	Johnson	913-980-6371
Century Concrete-Olathe	1340 W 149th St	Olathe	66061	Johnson	913-207-3803
Cintas Corporation	2050 Kansas City Rd	Olathe	66061	Johnson	785-554-4158
Coleman Co Inc-Gardner Dc	17150 Mercury St	Olathe	66061	Johnson	913-856-1126
Comcast Of Missouri LLC	1529 E Spruce St #D	Olathe	66062	Johnson	816-918-3138
Desco Coatings Inc	19890 W 156th St	Olathe	66062	Johnson	913-708-5771
Evergy-Craig Substation	10859 S Woodlawn St	Olathe	66061	Johnson	816-701-0613
FAA - ZKC Air Route Traffic Control	250 S Rodgers Rd	Olathe	66062	Johnson	913-254-8670
Fedex Ground - Facility #660	22525 W 167th St	Olathe	66062	Johnson	918-218-8899
Fedex Ground - Facility #662 East Olathe	22161 W 167th St	Olathe	66062	Johnson	314-807-3820
Foley Equipment - Olathe	19968 W. 157th St	Olathe	66062	Johnson	816-266-2351
Garmin International	1200 E 151st St	Olathe	66062	Johnson	913-440-5155
Garmin International Bldg 5	1100 E 151st St	Olathe	66062	Johnson	913-440-5155
Garmin International New Century Hangar	151 N New Century Pkwy	Olathe	66031	Johnson	913-440-5155
GCP Applied Technologies	701 S Kansas Ave	Olathe	66062	Johnson	708-752-5970
Geiger Ready-Mix Co Inc	875 E Old Hwy 56	Olathe	66062	Johnson	913-915-4544
Honeywell International Inc	23500 W 105th St	Olathe	66061	Johnson	913-712-2222
Husqvarna Construction Products	17400 W 119th St	Olathe	66061	Johnson	816-500-7296
ITW Pro Brands	805 E Old 56 Hwy	Olathe	66061	Johnson	913-305-6061
Jiffy Lube #244	1114e Santa Fe	Olathe	66061	Johnson	972-812-7967

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Jiffy Lube #2908	15303 W 135th St	Olathe	66062	Johnson	972-812-7967
Jiffy Lube #3041	20015 W 153rd St	Olathe		Johnson	972-812-7967
Johnson County WW - Cedar Creek 3 Ps	9695 Cedar Creek Rd	Olathe	66061	Johnson	614-309-8653
Kansas City Aviation Center	15325 S Pflumm Rd	Olathe	66062	Johnson	785-579-5810
KGP Logistics	15251 S Green Rd	Olathe	66061	Johnson	660-473-3192
Lowes Of Olathe - Store #721	13750 S Blackbob Rd	Olathe	66062	Johnson	888-429-6281
Magellan-Olathe Terminal	13745 W 135th St	Olathe	66062	Johnson	800-720-2417
M-C Fabrication Inc	15612 S Keeler Terr	Olathe	66062	Johnson	785-221-2156
McAnany Oil Co Inc	1125 W 149th St	Olathe	66061	Johnson	913-207-2475
Olathe Dodge Chrysler Jeep	15500 W 117th St	Olathe	66062	Johnson	816-258-3562
Ozark Ready Mix	15520 S Hwy 169	Olathe	66062	Johnson	913-208-3265
Quicksilver Readymix - 149th St	1245 W 149th	Olathe	66061	Johnson	816-315-3985
Rimpull Corporation	15600 S Hwy 169	Olathe	66062	Johnson	913-674-7577
Royal Metal Industries	1036 W Ironwood St	Olathe	66061	Johnson	913-208-4778
Schlage Lock Company LLC	2119 E Kansas City Rd	Olathe	66061	Johnson	913-201-6028
Shawnee Rock Co-Plant 1-Lone Elm	1600 W 151st	Olathe	66061	Johnson	913-269-2529
Sioux Chief Manufacturing	2115 E Kansas City Rd	Olathe	66061	Johnson	816-665-1484
SPX Cooling Technologies	1200 W Marley Rd	Olathe	66061	Johnson	816-490-0376
Superior Bowen (Olathe East Plant)	1600 W. 151st St	Olathe	66061	Johnson	816-769-5335
Superior Bowen Asphalt Co LLC	23555 W 151st	Olathe	66061	Johnson	816-769-5335
Tallgrass-Kenneth Rd Facility	Sec 15-14S-25E	Olathe	66162	Johnson	217-520-9982
Target T1756	15345 W 119th St	Olathe	66062	Johnson	612-307-5600
The Home Depot Store #2201	11850 S Strang Line Rd	Olathe	66062	Johnson	913-274-8694
The Home Depot Store #2218	20025 W 154th St	Olathe	66062	Johnson	816-344-8330
Torotel Products, Inc	550 N Rogers Rd	Olathe	66062	Johnson	913-530-032
United Rentals Branch Q98	11615 S Rogers Rd	Olathe	66062	Johnson	816-215-4736
US Bank	24101 W Valley Pkwy	Olathe	66062	Johnson	816-506-3593
Webco Manufacturing Inc	20570 W 162nd St	Olathe	66062	Johnson	816-289-5468
Airgas USA LLC - Overland Park C082/C084	9101 Bond St	Overland Park	66214	Johnson	901-361-4232
APAC-Kansas Inc-Stanley East	7100 W 167th St	Overland Park	66085	Johnson	913-238-2477
Costco Wholesale #369	12221 Blue Valley Pkwy	Overland Park	66213	Johnson	816-585-8020
Databank -KC2	10605 W 84th Terr	Overland Park	66214	Johnson	9136023362

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Durham School Services, LP – 6700 CSC	7321 W 135th St	Overland Park	66223	Johnson	630-297-1235
Durham School Services, LP - Outlot 6700 CSC	19480 Metcalf	Overland Park	66223	Johnson	630-297-1235
Evergy-Kenilworth Substation	4601 W 90th Terr	Overland Park	66207	Johnson	816-701-0613
Evergy-Sprint Substation	11501 Glenwood	Overland Park	66211	Johnson	816-701-0613
Inficon	9075 Cody St	Overland Park	66214	Johnson	816-838-7671
Jiffy Lube #1355	11940 Riley	Overland Park	66213	Johnson	972-812-7967
Jiffy Lube #1930	8625 W 151st	Overland Park	66223	Johnson	972-812-7967
Lowes Of Overland Park - Store #3379	7001 W 95th St	Overland Park	66212	Johnson	888-429-6281
MCI - Ivkpks (Ksivkpks)	7251 W 105th St	Overland Park	66212	Johnson	800-386-9639
ONE Gas, Inc - Kgs	167th & Kenneth Rd	Overland Park	66214	Johnson	913-238-6316
Overland Park Xchange	6860 W 115th St #150	Overland Park	66211	Johnson	913-927-4077
Quality Technology Services LLC	12851 Foster St	Overland Park	66213	Johnson	913-424-8382
RMR Group - Iqvia Bldg	6700 W 115th St	Overland Park	66211	Johnson	816-216-2924
Sam's Club 4707	8300 W 135th St	Overland Park	66223	Johnson	479-204-3911
Superior Bowen (Broadmoor Shop)	15301 Broadmoor	Overland Park	66223	Johnson	816-769-5335
Target T1757	12200 Blue Valley Pkwy	Overland Park	66213	Johnson	612-307-5600
The Home Depot Store #2203	9600 Metcalf Ave	Overland Park	66212	Johnson	308-258-4668
The Home Depot Store #2209	8000 W 135th St	Overland Park	66223	Johnson	913-705-9169
US Bank	12800 Foster St 2nd Fl	Overland Park	66213	Johnson	913-219-7926
Waterway Gas & Wash #30	12100 College Blvd	Overland Park	66210	Johnson	314-574-6626
Waterway Gas & Wash #33	8110 W 135th St	Overland Park	66223	Johnson	314-574-6626
Yrc Inc (KCGO)	10990 Roe Ave	Overland Park	66211	Johnson	800-610-6500
Johnson County WW - 75th & Nall Ps	7490 Nall Ave	Prairie Village	66208	Johnson	614-309-8653
Lowes Of Roeland Park - Store #2588	4960 Roe Blvd	Roeland Park	66205	Johnson	888-429-6281
APAC-Kansas Inc-Shawnee Quarry	19105 Holiday Dr	Shawnee	66218	Johnson	573-356-2464
BNSF Railway Co - Holiday Dr	19120 Wilder Dr	Shawnee	66218	Johnson	800-832-5452
Carquest Distribution Center #19	7751 Nieman Rd	Shawnee	66214	Johnson	618-975-6116
Continental Cast Stone of KS Inc	22001 W 83rd St	Shawnee	66227	Johnson	913-661-0909
Eif KC Landfill Gas, LLC	17955 Holliday Dr	Shawnee	66217	Johnson	585-948-4616
Ford Motor Co Kansas City HVC	8515 Hedge Lane Terr	Shawnee	66227	Johnson	913-282-7334

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Jack Henry & Associates Inc	23001 W 81st St	Shawnee	66227	Johnson	417-235-9821
Jiffy Lube #496	11703 W 63rd	Shawnee	66203	Johnson	972-812-7967
Johnson County Landfill	17955 Holliday Dr	Shawnee	66217	Johnson	847-456-9745
Johnson County WW - Hayes Creek	17491 Johnson Rd	Shawnee	66218	Johnson	614-309-8653
KCAS LLC	12400 Shawnee Mission Pkwy	Shawnee	66216	Johnson	913-248-3000
Lowes Of Shawnee - Store #1084	16300 W 65th St	Shawnee	66217	Johnson	888-429-6281
Mohawk Industries Inc	10831 W 78th St	Shawnee	66214	Johnson	913-515-8954
Nazdar-Shawnee	8501 Hedge Lane Terr	Shawnee	66227	Johnson	913-579-9495
Nazdar-Shawnee Z2 Warehouse	23504 W 86th St	Shawnee	66227	Johnson	913-579-9495
Penny's Concrete - Shawnee	23400 W 82nd St	Shawnee	66227	Johnson	785-423-1516
Target T1759	15700 Shawnee Mission Pkwy	Shawnee	66217	Johnson	612-307-5600
The Home Depot Pro Location #3283	10806 W 78th St	Shawnee	66214	Johnson	913-226-3708
The Home Depot Store #2213	15501 W 67th St	Shawnee	66217	Johnson	913-231-0914
Trugreen Lawncare	8420 Cole Pkwy	Shawnee	66227	Johnson	913-224-4651
Vita Craft Corporation	11100 W 58th St	Shawnee	66203	Johnson	913-406-4396
Westmor Industries LLC	8225 Monticello Terr	Shawnee	66227	Johnson	816-730-1724
Xsis Electronics	12620 W 63rd	Shawnee	66216	Johnson	913-888-9350
Simmons Bedding	7910 Hedge Lane Terr	Shawnee	66227	Johnson	913-444-3037
A & M Products Mfg Co	705 N Lincoln	Spring Hill	66083	Johnson	785-893-4235
BNSF Railway Co - Bonita/Cp 266	Mile Post 26.4	Spring Hill	66062	Johnson	800-832-5452
BNSF Railway Co - Spring Hill/Cp 292	Mile Post 29.21	Spring Hill	66083	Johnson	800-832-5452
Evergy-Lackman Substation	19407 S Lackman Rd	Spring Hill	66083	Johnson	816-701-0613
Seats Inc	701 N Lincoln St	Spring Hill	66083	Johnson	262-206-7534
Lumen Technologies - Spring Hill Central Office	416 Nichols St	Spring Hill	66083	Johnson	866-864-2255
Evergy-Stilwell Substation 15	6270 W 191 St	Stilwell	66085	Johnson	816-701-0613
Midwest Bioscience Research Park	17745 S Metcalf Ave	Stilwell	66085	Johnson	913-293-7578
Bradley Oil - Schmidt	Sec 5-T15S-R22E			Johnson	620-363-1140
Hostess Corporate Office	7905 Quivira Rd	Lenexa	66215	Johnson	9136204224
Ferrellgas - Bonner Springs	14865 Linwood Rd	Bonner Springs	66012	Leavenworth	888-337-7355

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Consumer Oil & Propane - Easton		Easton		Leavenworth	
D Jackson Rentals-Jackson	30211 207th St	Easton	66020	Leavenworth	913-290-0167
Daystar Petroleum, Inc	11 Locations	Easton	N/A	Leavenworth	620-583-2932
Union Pacific RR-W Linwood Control	222nd & Up Rr Tracks	Eudora	66025	Leavenworth	888-877-7267
Jiffy Lube #1627	3120 S 4th (US 73)	Ft Leavenworth	66048	Leavenworth	972-812-7967
US Army Combined Arms Center	Ft Leavenworth Military Reservation	Ft Leavenworth	66027	Leavenworth	911
Evergy - Jarbalo Junction Switch Station #767	25550 207th St	Jarbalo	66086	Leavenworth	785-575-1265
Adm Grain Co - Wolcott	10520 Wolcott Dr	Kansas City	66109	Leavenworth	309-635-6812
Aramark Uniform & Career Apparel	123 American Ave	Lansing	66043	Leavenworth	913-237-1734
Leavenworth County Coop-Lansing	1101 Industrial St	Lansing	66043	Leavenworth	913-683-3598
Penny's Concrete - Lansing	311 E Gilman Rd	Lansing	66043	Leavenworth	913-915-3366
Pinnacle Propane - Lansing	305 Santa Fe Dr	Lansing	66043	Leavenworth	785-764-4519
Dwight D Eisenhower VA Medical Ctr	4101 S 4th St	Leavenworth	66048	Leavenworth	785-350-3111
Evergy - Stranger Creek Substation #1174	26801 Bauserman Rd	Leavenworth	66048	Leavenworth	785-575-1265
Geiger Ready-Mix Co Inc	1333 S 2nd St	Leavenworth	66048	Leavenworth	913-433-6882
Hallmark Cards Inc	450 Eisenhower Rd	Leavenworth	66048	Leavenworth	913-290-0382
KS Army Natl Guard-Ft Leavenworth Mission Training Complex	8 Sherman Ave	Leavenworth	66027	Leavenworth	913-702-4268
Leavenworth Asphalt Materials	1901 S 2nd St	Leavenworth	66048	Leavenworth	816-223-5691
Leavenworth County Coop-Lvworth	25744 187th St	Leavenworth	66048	Leavenworth	913-721-3746
Remco Energy Corp	4 Locations	Leavenworth	66048	Leavenworth	913-485-3329
Saint John Hospital	3500 S 4th St	Leavenworth	66048	Leavenworth	913-596-4000
The Home Depot Store #2216	5000 S 4th St	Leavenworth	66048	Leavenworth	913-547-4760
University of Saint Mary	4100 S 4th St	Leavenworth	66048	Leavenworth	913-683-2813
US Penitentiary-Leavenworth	1300 Metropolitan Ave	Leavenworth	66048	Leavenworth	913-682-8700
Zephyr Products Inc	3030 Wilson Ave	Leavenworth	66048	Leavenworth	913-241-1967
Town Oil	6 Locations	Linwood	66052	Leavenworth	913-294-2125

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Union Pacific RR-E Linwood Control	Main and Oak	Linwood	66052	Leavenworth	888-877-7267
Ferrellgas - Tonganoxie	1146 Tonganoxie Dr	Tonganoxie	66086	Leavenworth	888-337-7355
Southern Star - Tonganoxie Station	20031 207th St	Tonganoxie	66086	Leavenworth	800-324-9696
Edmiston Oil	10 Locations	N/A	N/A	Leavenworth	620-793-2672
IGWT, Inc	2 Locations, P.O. Box 550 Rose Hill, KS	Rose Hill	67133	Leavenworth	316-207-4541
APAC-Kansas Inc-Bonner Springs	1800 S 121st St	Bonner Springs	66012	Wyandotte	573-356-2464
Buzzi Unicem USA Bonner Springs Dist Terminal	12200 Kaw Dr	Bonner Springs	66012	Wyandotte	859-391-4110
Mid States Propane	2625 S 142nd	Bonner Springs	66012	Wyandotte	913-745-4581
Oldcastle Miller	4201 Powell Dr	Bonner Springs	66012	Wyandotte	816-667-1792
Southwest Steel Fabricators	2520 Scheidt Ln	Bonner Springs	66012	Wyandotte	913-491-1614
Broder Bros Dba Alphabroder	9525 Woodend Rd	Edwardsville	66111	Wyandotte	215-388-0639
Century Concrete-Edwardsville	8901 Woodend	Edwardsville	66111	Wyandotte	913-207-3803
Evergy - Edwardsville Substation	2227 S 98th St	Edwardsville	66111	Wyandotte	785-575-1265
Fastenal Company	9911 Woodend Rd	Edwardsville	66111	Wyandotte	913-416-3497
Fedex Freight - KCY	9140 Woodend Rd	Edwardsville	66111	Wyandotte	870-577-9342
Herff Jones LLC	2525 Midpoint Dr	Edwardsville	66113	Wyandotte	704-575-7552
Inx International Ink Co	2647 S 96th St	Edwardsville	66111	Wyandotte	913-940-4119
Lagasse Sweet/United Stationers	2440 Midpoint Dr	Edwardsville	66113	Wyandotte	785-806-6450
Mapei	9154 Woodend Rd	Edwardsville	66111	Wyandotte	913-513-3210
Office Depot #6874	2401 Midpoint Dr	Edwardsville	66111	Wyandotte	815-216-6688
Old Dominion Freight-Edwardsville	2600 S 98th St	Edwardsville	66111	Wyandotte	913-961-8830
Southern Glazers Wine & Spirits	1100 Blake St	Edwardsville	66111	Wyandotte	417-818-6257
Standard Motor Products Inc	845 S 9th St	Edwardsville	66111	Wyandotte	574-259-6253
Swift Transportation	9000 Woodend Rd	Edwardsville	66113	Wyandotte	417-227-0565
Tyson Forwarding Warehouse	2441 S 98th St Suite C	Edwardsville	66111	Wyandotte	931-387-9359
Veritiv Operating - Edwardsville KS014	2552 S 98th St	Edwardsville	66111	Wyandotte	816-598-0304
3047 CSC, Piper	12036 Leavenworth Rd	Kansas City	66109	Wyandotte	6302971235
A & E Custom Mfg	3150 Chrysler Rd	Kansas City	66115	Wyandotte	913-669-2302
A & K Railroad Materials Inc	2131 S 74th St	Kansas City	66106	Wyandotte	913-710-9029
Adm Nutrition-Crosswind Petfood	300 S 51st St	Kansas City	66106	Wyandotte	816-518-8542

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Advantage Metals Recycling-12th St	1153 S 12th St	Kansas City	66105	Wyandotte	816-289-1981
Advantage Metals Recycling-Cheyenne	1015 S Packard St	Kansas City	66105	Wyandotte	816-289-1981
Airgas USA LLC - Kansas City C030	1845 Foxridge Dr	Kansas City	66106	Wyandotte	901-361-4232
Allied Waste Services-Kansas City	3150 N 7th St Trfy	Kansas City	66115	Wyandotte	913-701-2057
Amazon.Com Services - Mkc6	6925 Riverview Ave	Kansas City	66102	Wyandotte	314-287-1036
Anixter (1025v)	4600 Kansas Ave	Kansas City	66106	Wyandotte	913-274-0090
Ash Grove Cement Co	620 Southwest Blvd	Kansas City	66103	Wyandotte	913-669-1904
Atlas Molded Products - 3rd St	1400 N 3rd St	Kansas City	66101	Wyandotte	913-787-1810
Atlas Molded Products - Kaw Dr	4001 Kaw Dr	Kansas City	66102	Wyandotte	913-709-3811
Bartlett Grain Company LP	940 Kindelberger Rd	Kansas City	66615	Wyandotte	913-912-9654
Barton Solvents Inc	901 S 66th Terr	Kansas City	66111	Wyandotte	816-898-6762
Bennett Rogers Pipe	900 Kindleberger Rd	Kansas City	66115	Wyandotte	913-371-3880
Blue Rhino of Kansas City	351 S 62nd St	Kansas City	66111	Wyandotte	785-365-8767
Bluestone Products - Kansas City	636 S 66th Terr	Kansas City	66111	Wyandotte	913-295-0255
BNSF Railway Co - Kansas City	2201 Argentine Blvd	Kansas City	66106	Wyandotte	800-832-5452
BNSF Railway Co - Morris	Mile Post 11.4	Kansas City	66106	Wyandotte	800-832-5452
BNSF Energy Control Center	312 N 65th St	Kansas City	66102	Wyandotte	913-573-9888
BPU-Kaw Power Station	2015 Kansas Ave	Kansas City	66105	Wyandotte	913-573-9888
BPU-Muncie Garage	342 S Bethany	Kansas City	66102	Wyandotte	913-573-9888
BPU-Pump Stations	Varies - See Attachment	Kansas City	varies	Wyandotte	913-573-9888
BPU-Riverview Service Center	6742 Riverview	Kansas City	66102	Wyandotte	913-573-9888
Cabela's Kansas City Retail #008	10300 Cabela Dr	Kansas City	66111	Wyandotte	573-356-5086
Cameron Ashley Building Products	41 Osage Ave	Kansas City	66105	Wyandotte	417-680-4095
Caravan Ingredients Co	550 S 18th St	Kansas City	66105	Wyandotte	913-213-8131
Cargill Feed & Nutrition	39 S Ewing St	Kansas City	66118	Wyandotte	316-619-2790
Cargill Inc - Katy Elevator	340a Southwest Blvd	Kansas City	66103	Wyandotte	913-549-0134
Carroll's LLC Dba NTW #3179	625 Adams St	Kansas City	66105	Wyandotte	816-266 8334
Carter Energy	401 Kindelberger Rd	Kansas City	66115	Wyandotte	913-915-2143
Central Solutions	401 Funston Rd	Kansas City	66115	Wyandotte	515-729-6711
Certainteed LLC	103 Funston Rd	Kansas City	66115	Wyandotte	913-701-2549
Coreslab Structures Inc	759 S 65th St	Kansas City	66111	Wyandotte	816-550-1458
CSTK Inc	401 Shawnee Ave	Kansas City	66105	Wyandotte	913-271-2858

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Deffenbaugh Industries - KC	2601 Midwest Dr	Kansas City	66111	Wyandotte	913-927-1774
Deffenbaugh Material Recovery Facility	2404 88th St	Kansas City	66111	Wyandotte	309-210-6719
Empire Candle Company LLC	2925 Fairfax Trfy	Kansas City	66115	Wyandotte	913-282-9667
Environmental MGMT of KC	861 S 66th Terr	Kansas City	66111	Wyandotte	913-634-9178
Ergon Armor	450 Funston Rd	Kansas City	66115	Wyandotte	913-216-2892
Estes Express Lines	4601 Speaker Rd	Kansas City	66106	Wyandotte	804-310-9082
Exide Technologies Dist. Center	501 Kindleberger Rd	Kansas City	66115	Wyandotte	816-560-6274
Exxonmobil Kansas City RDC	966 Sunshine Rd	Kansas City	66115	Wyandotte	913-915-3609
Exxonmobil Mobil Serv Lubricant Analysis Lab	935 1/2 Sunshine Rd	Kansas City	66115	Wyandotte	913-302-3900
Ferrellgas - Kansas City	2837 Roe Ln	Kansas City	66103	Wyandotte	888-337-7355
Fordyce Concrete-Central	211 Central Ave	Kansas City	66101	Wyandotte	913-654-5160
Frito Lay - Kansas City Mega Dc	2040 S 45th St	Kansas City	66106	Wyandotte	913-378-6597
Fuchs Lubricants Co	2140 S 88th St	Kansas City	66111	Wyandotte	856-287-4640
Garsite Progress LLC	539 S 10th St	Kansas City	66105	Wyandotte	913-209-7383
Geiger Ready-Mix Co Inc	4303 Speaker Rd	Kansas City	66106	Wyandotte	913-238-5576
Geodis Logistics LLC	1401 Fairfax Trfy	Kansas City	66115	Wyandotte	816-423-4011
Glen Gery Corp-Kansas City Brick	336 S 42nd St	Kansas City	66106	Wyandotte	816-529-2992
Grain Craft Inc	56 Silver St	Kansas City	66103	Wyandotte	913-424-5909
Greenbrier Rail Services	1109 S 12th St	Kansas City	66105	Wyandotte	816-830-2188
Groendyke Transport - KSCY	299 E Donovan	Kansas City	66115	Wyandotte	888-588-7389
Harlan Global Manufacturing	27 Stanley Rod	Kansas City	66115	Wyandotte	816-288-5657
Heathwood Oil Co Inc	2011 N 10th St	Kansas City	66104	Wyandotte	913-634-1040
Heritage Crystal Clean	30 Funston Rd	Kansas City	66115	Wyandotte	913-233-2651
International Food Products	6721 Griffin Rd	Kansas City	66111	Wyandotte	913-271-3632
J M Fahey Construction Co	7014 Holliday Dr	Kansas City	66106	Wyandotte	913-236-6933
Jack Cooper Transport Company	200 E Marley Rd	Kansas City	66115	Wyandotte	913-944-2990
Jiffy Lube #2218	4214 Rainbow Blvd	Kansas City	66103	Wyandotte	972-812-7967
Jiffy Lube #491	1010 N 78th St	Kansas City	66112	Wyandotte	972-812-7967
Kansas City Abrasive Co LLC	3140 Dodge Rd	Kansas City	66115	Wyandotte	913-486-6586
Kansas City Treats LLC	16 Kansas Ave	Kansas City	66105	Wyandotte	913-530-7406
Kansas Speedway	400 Speedway Blvd	Kansas City	66111	Wyandotte	913-526-5318
Keller Fire & Safety Inc	1138 Kansas Ave	Kansas City	66105	Wyandotte	913-371-8494
Kiewit Power Constructors	431 S 62nd St	Kansas City	66111	Wyandotte	913-855-7749
Lincoln Terminal Company Inc	2901 Chrysler Rd	Kansas City	66115	Wyandotte	864-918-9215

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Lowes Of Kansas City - Store #1830	6920 State Ave	Kansas City	66102	Wyandotte	888-429-6281
LSI Midwest Lighting	100 Funston Rd	Kansas City	66115	Wyandotte	913-281-1100
Magellan-Argentine Station	3401 Fairbanks Ave	Kansas City	66016	Wyandotte	800-720-2417
Magellan-Kansas City Terminal	401 E Donovan Rd	Kansas City	66115	Wyandotte	800-720-2417
Magellan-Reclamation Facility	1090-C Sunshine Rd	Kansas City	66115	Wyandotte	800-720-2417
Martin Lubricants Packaging	2727 Roe Ln	Kansas City	66103	Wyandotte	913-721-3733
MCI - Fairks (KSFAIRKS)	313 E Donovan Rd	Kansas City	66115	Wyandotte	800-386-9639
Minit Mart #590	10303 Leavenworth Rd	Kansas City	66109	Wyandotte	800-225-9702
Mississippi Lime Company - Kansas City	8410 Gibbs Rd	Kansas City	66111	Wyandotte	573-368-9988
MWT Bulk Services LLC	2 Woodswether Rd	Kansas City	66118	Wyandotte	816-471-2335
Nestle USA	1601 Fairfax Trfy	Kansas City	66115	Wyandotte	630-433-7294
Omega Concrete Systems Inc	5525 Kaw Dr	Kansas City	66102	Wyandotte	913-208-4279
ONE Gas, Inc – Kgs Fairfax Town Border	1051 Esplanade	Kansas City	66115	Wyandotte	913-238-6316
Orion Fittings	2850 Fairfax Trfy	Kansas City	66115	Wyandotte	913-708-4828
Owens Corning Insulating Systems	300 Sunshine Rd	Kansas City	66115	Wyandotte	412-651-2470
Ozark Ready Mix	5620 Wolcott Dr	Kansas City	66109	Wyandotte	913-208-3267
PBI/Gordon Corp	300 S 3rd St	Kansas City	66118	Wyandotte	785-242-2990
Pentair Flow & Filtration	3601 Fairbanks Ave	Kansas City	66106	Wyandotte	936-242-9361
Petrochoice Dynamo-Kansas City	601 S 66th Terr	Kansas City	66111	Wyandotte	913-287-6880
Phillips 66 - Kansas City	2029 Fairfax Trfy	Kansas City	66115	Wyandotte	316-619-8478
Pick-N-Pull	1142 S 12th St	Kansas City	66105	Wyandotte	913-314-5796
Plastic Omnium Auto Inergy - Fairfax	220 Kindleberger Rd	Kansas City	66115	Wyandotte	913-203-8776
Plastic Packaging Technologies	750 S 65th St	Kansas City	66111	Wyandotte	815-922-0613
Providence Medical Center	8929 Parallel Pkwy	Kansas City	66112	Wyandotte	913-596-4000
Quikrete Company Inc	2430 S 88th St	Kansas City	66111	Wyandotte	816-204-6896
Reladyne - Kansas City	6601 Kansas Ave	Kansas City	66111	Wyandotte	620-544-6836
Roadbuilders Machinery	1001 S 7th St	Kansas City	66105	Wyandotte	913-371-3822
Ryder Truck # 0482	43 S James St	Kansas City	66118	Wyandotte	800-215-4839
Sam's Club 4870	10510 Parallel Pkwy	Kansas City	66109	Wyandotte	479-204-3911
Schock Truck Leasing	51 Osage Ave	Kansas City	66105	Wyandotte	913-207-2606
Schroer Mfg Company	511 Osage Ave	Kansas City	66105	Wyandotte	816-668-8995

Non-EHS Facility Name, Kansas	Street	Town/City	Zip	County	24-Hour Phone
Sekisui Xenotech	1101 W Cambridge Circle Dr	Kansas City	66103	Wyandotte	913-980-0380
Sinclair Pipeline-KC Terminal	3401 Fairbanks Ave	Kansas City	66106	Wyandotte	660-322-0085
Skymark Refuelers	610 S Adams St	Kansas City	66105	Wyandotte	913-653-8100
Spangler Graphics-Closed June 2019	2930 S 44th St	Kansas City	66106	Wyandotte	763-222-7066
Special Materials Company	2955 Chrysler Rd	Kansas City	66115	Wyandotte	816-729-0817
Superior Disposal Services	2540 S 88th St	Kansas City	66111	Wyandotte	314-486-5721
Telamon Technologies Corp	3138 S 24th St	Kansas City	66106	Wyandotte	314-753-7513
Tempursealy Company	435 River Park Dr	Kansas City	66105	Wyandotte	816-215-0866
TSL Terminals - Kansas City	5646 Kansas Ave	Kansas City	66106	Wyandotte	816-929-0436
Ultra-Tech Inc	3000 Powell Dr	Kansas City	66106	Wyandotte	913-671-2964
Union Pacific RR-KC Yards	18th St & I-70	Kansas City	66105	Wyandotte	888-877-7267
United Parcel Service-Wyandotte	223 N James St	Kansas City	66118	Wyandotte	913-207-1721
UPS Freight	3600/3800 Kansas Ave	Kansas City	66106	Wyandotte	816-266-3593
US Autoforce - Kansas City	500 Osage Ave	Kansas City	66105	Wyandotte	913-242-1979
USPS Network Distribution Center	4900 Speaker Rd	Kansas City	66106	Wyandotte	913-634-1881
Versaflex Inc	686 Adams St	Kansas City	66105	Wyandotte	918-615-0140
VVF Kansas Services	1705 Kansas Ave	Kansas City	66105	Wyandotte	816-205-0629
Wallis Lubricant Co	445 Sunshine Rd	Kansas City	66115	Wyandotte	816-206-7855
Watco Mechanical Services	6600 Thorn Dr	Kansas City	66106	Wyandotte	817-547-4680
Williams Insulation & Gutters	517 S 11th St	Kansas City	66105	Wyandotte	913-927-3862
YRC Inc - Kansas City KC (373)	9711 State Ave	Kansas City	66111	Wyandotte	417-629-7240

The table below lists Tier II facilities within the Missouri Region A Urban Local Emergency Planning District (LEPD), as provided to Missouri Emergency Response Commission, that did not use/store an EHS during the 2020 reporting period.

Table A-23: Missouri Non-EHS Tier II Facility Emergency Contacts (2020)

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
MT Carmel	103 W Pine St P.O. Box 256	Archie	64725	Cass	***Unavailable***
MT Carmel Stabilization Group Terminal	103 W Pine St P.O. Box 256	Archie	64725	Cass	***Unavailable***
ADESA Kansas City	15511 Adesa Dr	Belton	64012	Cass	816-213-2064
Belton LP (10059)	19614 S Peculiar Dr	Belton	64012	Cass	573-999-2489
Casey's General Store #3903	6801 E 163rd St	Belton	64012	Cass	515-446-6238
Effertz-MacLaughlin Lease	155th and Holmes Rd	Belton	64012	Cass	***Unavailable***
Evergy-Belton Service Center	215 Locust Hill Rd	Belton	64012	Cass	816-701-0613
GPM #25849	7905 E 171st St	Belton	64012	Cass	214-552-4453
Hy-Vee Gas	1303 E North Ave	Belton	64012	Cass	816-379-9890
J.A. Lillig Excavating, Inc	1615 E 173rd St	Belton	64012	Cass	816-797-3802
Midwest Div/RBH, LLC Belton Regional Medical Center	17065 S 71 Hwy	Belton	64012	Cass	618-348-1200
Quicksilver Readymix - Belton Plant	1025 Elmyra Dr	Belton	64012	Cass	816-315-3985
Quik N' Tasty - Belton	822 Quiktrip Way	Belton	64012	Cass	918-244-5507
Quiktrip #171	7920 E 171st St	Belton	64012	Cass	918-244-5507
Quiktrip #233	501 E North Ave	Belton	64012	Cass	918-244-5507
Rush Hour #2	1101 E 171st St	Belton	64012	Cass	816-835-6676
Walton Lease	155th and Holmes Rd	Belton	64012	Cass	***Unavailable***
Beyer Crushed Rock Company	S Cleveland Ave and State Route Y	Cleveland	64734	Cass	816-958-0737
Casey's General Store #1234	420 N 2nd St	Drexel	64742	Cass	515-446-6238
Drexel LP (10041)	1020 N Holmes Rd	Drexel	64742	Cass	573-999-2489
PWSD No. 7 Water Treatment Plant	8906 E 267 St	Freeman	64746	Cass	***Unavailable***
Casey's General Store #2443	52 F Hwy	Garden City	64747	Cass	515-446-6238
CCPS Transportation, LLC & Enbridge Pipelines (FSP), LLC	32701 E 291st	Garden City	64747	Cass	800-858-5253
Cole's-JD Schrock Oil Co., Inc	702 Old Hwy 7	Garden City	64747	Cass	816-862-8397
NeCo Seed	28700 S State Route T Hwy	Garden City	64747	Cass	816-738-9924
Greenwood	15914 Kidwell Rd	Greenwood	64034	Cass	***Unavailable***
Casey's General Store #1629	1801 N Commercial St	Harrisonville	64701	Cass	515-446-6238
Casey's General Store #1961	2204 E Mechanic St	Harrisonville	64701	Cass	515-446-6238

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Casey's General Store #3486	1901 W Mechanic St	Harrisonville	64701	Cass	515-446-6238
Durham School Services, LP - 3034 CSC	2601 Brick Plant Rd	Harrisonville	64701	Cass	630-297-1235
Ferrellgas - Harrisonville	27019 S Brookhart Dr	Harrisonville	64701	Cass	888-FERRELL
Harrisonville Transfer Station	22820 Hwy 291	Harrisonville	64701	Cass	630-917-9139
Hyponex Corporation	28219 S State Route TT	Harrisonville	64701	Cass	816-572-7437
Love's Travel Stop #616	2611 Brookhart Rd	Harrisonville	64701	Cass	816-887-2050
Materials Packaging Corp. Harrisonville	23018 S 291 Hwy	Harrisonville	64701	Cass	501-515-7265
MFA Oil - Harrisonville BP-PC (10046)	305 Locust St	Harrisonville	64701	Cass	573-999-2489
MFA Oil Harrisonville LP (10046)	28109 SE Outer Rd	Harrisonville	64701	Cass	573-999-2489
MODOT-KC-Harrisonville	27821 S State Rt 7	Harrisonville	64701	Cass	816-809-8457
QuikTrip #247	1402 N 291 Hwy	Harrisonville	64701	Cass	918-244-5507
Sapp Bros Inc	27603 S West Outer Rd	Harrisonville	64701	Cass	816-884-3306
UFP Harrisonville, LLC - Harrisonville Facility	2600 Precision Dr	Harrisonville	64701	Cass	816-207-8900
Whistle Redi-Mix, Inc - Harrisonville	501 Locust	Harrisonville	64701	Cass	816-365-6122
Lawrence Smith Memorial Airport	27503 S R 7 South	Harrisonville	64701	Cass	660-422-2090
Evergy-Lee's Summit Service Center	1300 SE Hamblen Rd	Lee's Summit	64081	Cass	816-347-4312
Winnebago Lift Station	17804 S Gray Dr	Lee's Summit	64080	Cass	816-813-9429
BP Pipelines North America, Inc	Cass County	N/A	N/A	Cass & others	800-548-6482
Phillips 66 Pipe Line Company-Cass	Cass County	N/A	N/A	Cass	918-332-8120
Southern Star Central Gas Pipeline (Cass County)	Cass County	N/A	N/A	Cass & others	800-324-9696
Tallgrass Interstate Gas Transmission Cass	Cass County	N/A	NA	Cass & others	913-837-3673
Casey's General Store #1197	117 E North St	Peculiar	64078	Cass	515-446-6238
Casey's General Store #2616	625 State Route J	Peculiar	64078	Cass	515-446-6238
Flying J Travel Center #672	700 J Hwy	Peculiar	64078	Cass	865-474-2826
Southern Star Central Gas Pipeline (Cass County - Peculiar Station)	24304 S Harper Rd	Peculiar	64078	Cass & others	800-324-9696
Buckley Powder Co-Old ETI	BB Hwy & 163rd	Pleasant Hill	64080	Cass	816-728-9289
Casey's General Store #1785	310 N HWY 7	Pleasant Hill	64080	Cass	515-446-6238
MFA Oil -Pleasant Hill BP-LP (10059)	501 S 1st St	Pleasant Hill	64080	Cass	573-999-2489

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Middle Big Creek WWTF	1200 E 58 Hwy	Pleasant Hill	64080	Cass	816-813-9429
Rush Hour #6	17419 S 291 Hwy	Pleasant Hill	64080	Cass	816-835-6676
Whistle Redi-Mix Inc - Pleasant Hill	518 Walker St	Pleasant Hill	64080	Cass	816-365-6122
Little Blue Valley Sewer Dist. - Lake Winnebago	17804 S Gray Dr	Pleasant Hill	64080	Cass	941-348-9933
Casey's General Store #2565	901 E Walnut St	Raymore	64083	Cass	515-446-6238
Casey's General Store #2615	234 N Madison St	Raymore	64083	Cass	515-446-6238
Lowe's Of Raymore, MO (#2626)	225 N Dean Ave	Raymore	64083	Cass	888-429-6281
Owen Good Lift Station	1840 E 195th St	Raymore	64083	Cass	816-331-0530
Schwan's Home Service - 114030 Raymore	204 N Evans Ave	Raymore	64083	Cass	507-828-2489
Panhandle Eastern Pipe Line - Cass County	MO Hwy 2 & Westline Rd	West Line	64734	Cass	800-225-3913
New Super Mart LLC	203 E US Hwy 69	Claycomo	64119	Clay	631-336-6758
Rocket Stop #2	336 E US 69 Hwy	Claycomo	64119	Clay	816-663-3413
Casey's General Store #2495	1651 Meadowlark Ln	Excelsior Springs	64024	Clay	515-446-6238
Fiskars Group	140 Corum Rd	Excelsior Springs	64024	Clay	309-721-1851
Harbans Fuel LLC	1900 W Jesse James Rd	Excelsior Springs	64024	Clay	816-882-2228
Penny's Concrete	1910 W Hwy 69	Excelsior Springs	64024	Clay	913-915-3366
Pour Boy Oil Co	22204, N US Hwy 69	Excelsior Springs	64024	Clay	816-547-4674
Pour Boy Oil Co #5	510 Saint Louis Ave	Excelsior Springs	64024	Clay	816-820-6199
Gladstone MO Water Plant	913 NW 44th Terr	Gladstone	64116	Clay	816-454-2770
Hy-Vee Gas	7121 N Prospect	Gladstone	64119	Clay	816-646-9333
QuikTrip #181	2590 NE 72nd St	Gladstone	64118	Clay	918-244-5507
Wal-Mart #1120	7207 N. M1 Hwy	Gladstone	64119	Clay	479-204-3911
7-Eleven Store #26590	4251 NE Antioch Rd	Kansas City	64117	Clay	800-239-0295
Ameristar Casino Kansas City	3200 N. Ameristar Dr	Kansas City	64161	Clay	208-316-9724
Arctic Glacier	9701 Ne Parvin Rd Suite 500	Kansas City	64161	Clay	816-839-7289
Birmingham Treatment Plant	10801 NE 28th St	Kansas City	64161	Clay	816-405-5738
Brenntag Mid-South, Inc - Kansas City-N	6301 NE Birmingham Rd	Kansas City	64117	Clay	816-812-3847
Canfield & Joseph, Kansas City	4201 NE 34th St	Kansas City	64117	Clay	913-724-1985
Cardinal Health at Home	12600 NE 40th St	Kansas City	64161	Clay	913-375-4046
Cardinal Health CHH	12600 NE 40th St	Kansas City	64161	Clay	816-702-4000
Casey's General Store #3241	7907 N Oak Trfy	Kansas City	64118	Clay	515-446-6238

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Casey's General Store #3483	10751 N Oak Trfy	Kansas City	64155	Clay	515-446-6238
Century Concrete Skiles Plant	3700 N Skiles Rd	Kansas City	64161	Clay	913-207-3803
CK KC	1234 Quebec St	Kansas City	64116	Clay	314-644-3500
Conklin Company, Inc	3951 N Kimball Dr	Kansas City	64161	Clay	913-927-0858
FBI	1300 Summit St	Kansas City	64105	Clay	***Unavailable***
FedEx Freight, Inc - EKC	4077 N. Norfleet Rd	Kansas City	64161	Clay	870-577-9342
Georgia Pacific Corrugated LLC	8600 NE 38th St	Kansas City	64161	Clay	816-414-4358
Greenwood Motorlines DBA R&L Carriers KAN	4055 N Pleasant Ave	Kansas City	64161	Clay	217-381-4200
Grupo Antolin Missouri Warehouse	8800 NE Underground Dr Pillar 326	Kansas City	64161	Clay	816-745-1467
Holcim (US) Inc - Kansas City Terminal	1415 Warren St	Kansas City	64116	Clay	816-223-8595
Kansas City MO Bishops Storehouse	4051 NE Kimball Dr	Kansas City	64161	Clay	360-464-3781
Kansas City Plant	8250 NE Underground Dr Pillar 163	Kansas City	64161	Clay	***Unavailable***
KC Hide Inc	800 Atlantic Ave	Kansas City	64116	Clay	913-378-3728
Land N Sea	55 Design Dr	Kansas City	64116	Clay	816-739-6513
Lowe's Of Kansas City (Gladstone), MO (#2767)	4811 North Oak Trfy	Kansas City	64118	Clay	888-429-6281
Midway Ford Truck Center	7601 NE 38 St	Kansas City	64161	Clay	816-985-3896
MODOT-KC-Skiles Kansas City	3800 NE Skiles	Kansas City	64161	Clay	816-806-1804
Pour Boy Oil Co #9	4225 North Oak Trfy	Kansas City	64116	Clay	816-820-6199
QuikTrip #159	10150 NE Cookingham Rd	Kansas City	64157	Clay	918-244-5507
QuikTrip #163	8500 N Indiana Ave	Kansas City	64119	Clay	918-244-5507
QuikTrip #169	5108 NE Vivion Rd	Kansas City	64119	Clay	918-244-5507
QuikTrip #173	528 NW Englewood Rd	Kansas City	64118	Clay	918-244-5507
QuikTrip #193	601 NW 68th St	Kansas City	64118	Clay	918-244-5507
QuikTrip #221	9600 North Oak Trfy	Kansas City	64155	Clay	918-244-5507
QuikTrip #222	8011 State Line Rd	Kansas City	64155	Clay	918-244-5507
QuikTrip #225	1251 NW Barry Rd	Kansas City	64155	Clay	918-244-5507
QuikTrip #229	7100 NE Parvin Rd	Kansas City	64117	Clay	918-244-5507
QuikTrip #238	5025 NE Antioch Rd	Kansas City	64119	Clay	918-244-5507
Signature Flight Support	10 NW Richards Rd	Kansas City	64116	Clay	816-846-8484
Superior Bowen Asphalt Co. (Randolph Plant)	8651 NE 38th St	Kansas City	64161	Clay	816-769-5335

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Target Store T1455	9220 NE Barry Rd	Kansas City	64157	Clay	612-307-5600
Tenneco Automotive Operating Company	1529 Vernon St N	Kansas City	64116	Clay	620-481-1387
US Treasury	4241 NE 34th St	Kansas City	64117	Clay	***Unavailable***
W.W. Grainger, Inc - KCDC 002	11200 E 210 Hwy	Kansas City	64161	Clay	800-770-0511
Hy-Vee Gas	207 NE Englewood Rd	Kansas City	64118	Clay	816-328-0344
Kansas City Automotive Distribution Center	12801 NE 41st St	Kansas City	64161	Clay	816-605-5168
Casey's General Store #2678	200 E State Route 92	Kearney	64060	Clay	515-446-6238
Durham School Services, LP - 3033 CSC	1011 N Jefferson St	Kearney	64060	Clay	630-297-1235
Enterprise Products Operating LLC – MAPL Office	1015 N Jefferson	Kearney	64060	Clay	217-377-4006
LPG Ventures	971 N Jefferson St	Kearney	64060	Clay	402-881-2289
MODOT-KC-Kearney	301 W 92 Hwy	Kearney	64060	Clay	816-806-2085
Mr. Dell's Foods, LLC	300 W Major St	Kearney	64060	Clay	816-509-7270
Pilot Travel Center #252	600 W SR 92	Kearney	64060	Clay	865-474-2826
Platte-Clay Fuels LLC #1	510 Sam Barr Dr	Kearney	64060	Clay	***Unavailable***
Platte-Clay Fuels LLC #3	1000 W State Route 92	Kearney	64060	Clay	***Unavailable***
PlyGem, Inc	303	Kearney	64006	Clay	419-320-4401
QuikTrip #198	411 W 92 Hwy	Kearney	64060	Clay	918-244-5507
Durham School Services, LP - 3040 CSC	18726 S Hwy 69	Lawson	64062	Clay	630-297-1235
Hughes Self Service LLC	19116 N US Hwy 69	Lawson	64062	Clay	816-726-2522
Watkins Mill Park	25610 Park Rd N	Lawson	64062	Clay	816-889-2076
AmeriGas	19622 NE 69 Hwy	Liberty	64068	Clay	816-585-6861
Axiom Impressions, LLC	3200 E Heartland Dr	Liberty	64068	Clay	816-853-5722
Dakota Bodies, LLC	2901 Heartland Dr	Liberty	64068	Clay	913-309-7637
Geiger Ready-Mix Company, Inc (Liberty)	526 N Church Rd	Liberty	64068	Clay	913-208-1399
Hy-Vee Gas	300 N 291 Hwy	Liberty	64068	Clay	816-810-9860
LMV Automotive Systems	3251 E Heartland Dr	Liberty	64068	Clay	270-392-9923
Lowe's Of Liberty, MO (#1565)	1920 N Stewart Rd	Liberty	64068	Clay	888-429-6281
Pour Boy Oil #4	900 S Leonard	Liberty	64068	Clay	816-820-6199
Precision Logistics	3155 W Heartland Dr	Liberty	64068	Clay	813-868-2890
QuikTrip #151	655 S 291 Hwy	Liberty	64068	Clay	918-244-5507

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Water Production Plant	1920 Clay Brooke Dr	Liberty	64068	Clay	816-985-3143
Wear-Concepts, Inc	2845 E Heartland Dr	Liberty	64068	Clay	816-392-6778
WestRock CP, LLC	933 Kent St	Liberty	64068	Clay	816-383-2871
New Liberty Hospital	2525 Glenn Hendren Dr	Liberty	64068	Clay	816-405-2013
Orica USA Inc	6601 Raines Rd	Liberty	64068	Clay	816-325-0298
Ideker (Mosby Asphalt Plant)	12528 6th St	Mosby	64024	Clay	816-390-5670
Ideker (Quarry)	13210 Cameron Rd- NW JCT of US 69 & Cameron	Mosby	64024	Clay	816-390-5670
American Industrial Transport Railcar Services LLC	1101 Bedford Ave	N. Kansas City	64116	Clay	816-786-7765
Arkema Inc	901 E 16th Ave	N. Kansas City	64116	Clay	816-283-1582
BNSF Railway Company - Murray Yard	153 W 14th Ave	N. Kansas City	64116	Clay	800-832-5452
Builders Steel Company	601 E 12th Ave	N. Kansas City	64116	Clay	816-215-1902
Davis Paint Company	1311 Iron St	N. Kansas City	64116	Clay	816-471-4447
Essendant	1606 Linn	N. Kansas City	64116	Clay	816-679-8281
Exltube	1000 N Burlington St	N. Kansas City	64116	Clay	816-405-1629
Graham Packaging	1253 Murray Dr	N. Kansas City	64116	Clay	816-853-0770
Henkel US Op Corp	1350 Taney St	N. Kansas City	64116	Clay	816-332-1670
Holland 1916	1300 N Burlington St	N. Kansas City	64116	Clay	816-304-4553
KC - Walsh & Associates, Inc	1612 Taney St	N. Kansas City	64116	Clay	314-548-5544
Lennox Industries A200	1548 N Gentry St	N. Kansas City	64116	Clay	913-579-9562
McConnell and Associates Corp.	701 E 12th Ave	N. Kansas City	64116	Clay	816-810-7170
McConnell and Associates Corp.	901 E 13th Ave	N. Kansas City	64116	Clay	816-810-7170
North Kansas City Hospital	2800 Clay Edwards Dr	N. Kansas City	64116	Clay	816-691-2066
PAS Technologies: A StandardAero Company	1234 Atlantic St	N. Kansas City	64116	Clay	816-769-4382
Pizza Blends	1541 Vernon St	N. Kansas City	64116	Clay	913-313-9572
Pour Boy Oil Co #2	2601 NE Chouteau Trfy	N. Kansas City	64117	Clay	816-820-6199
QuikTrip #153	1010 Armour Rd	N. Kansas City	64116	Clay	918-244-5507
QuikTrip #228	2525 Burlington St	N. Kansas City	64116	Clay	918-244-5507
Rockwell Labs Ltd	1257 Bedford Ave	N. Kansas City	64116	Clay	816-268-5635
Ryerson - Kansas City	101 E Ninth Ave	N. Kansas City	64116	Clay	816-215-0788
Sherwin-Williams #7484	1737 Macon St	N. Kansas City	64116	Clay	877-792-3637
Southwest Technologies	1746 E Levee Rd	N. Kansas City	64116	Clay	816-456-6259
White Cap (WC125) - Kansas City	1907 Warren	N. Kansas City	64116	Clay	816-663-2120

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Buckeye Pipe Line Transportation LLC - Clay County	Clay County	N/A	N/A	Clay & others	1-800-331-4115
Enterprise Products Operating LLC – MAPL	Clay County	N/A	N/A	Clay & others	217-377-4006
Northland Ready-Mix	8607 Schell Rd	Pleasant Valley	64068	Clay	816-797-1906
Robertson-Williams Transport	9100 W Liberty Dr	Pleasant Valley	64068	Clay	***Unavailable***
QuikTrip #179	8600 Pleasant Valley Rd	Pleasant Valley	64068	Clay	918-244-5507
Holliday Sand Randolph Plant #9	7801 NE Birmingham Rd	Randolph	64161	Clay	913-208-4717
Casey's General Store #2688	119 N 169 Hwy	Smithville	64089	Clay	515-446-6238
Kum & Go #778	1102 S 169 Hwy	Smithville	64089	Clay	515-457-6267
QuikTrip #213	1407 S 169 Hwy	Smithville	64089	Clay	918-244-5507
Saint Luke's North Hospital Smithville/Saint Luke's Health System	601 S 169 Hwy	Smithville	64089	Clay	816-880-6789
BNSF Railway Company - Eaton Rd	RR Mile Post 436.5 (Eaton Rd)	Atherton	64058	Jackson	800-832-5452
Blue Springs	2005 NE Jefferson St	Blue Springs	64029	Jackson	248-392-0351
Blue Springs	2005 NE Jefferson St	Blue Springs	64029	Jackson	248-392-0351
Casey's General Store #2024	2900 NW 7 Hwy	Blue Springs	64014	Jackson	515-446-6238
Casey's General Store #2037	2424 SW 7 Hwy	Blue Springs	64014	Jackson	515-446-6238
Fike Corporation	704 SW 10th St	Blue Springs	64015	Jackson	816-269-3876
Hy-Vee Gas	629 SW 40 Hwy	Blue Springs	64014	Jackson	913-558-7907
John Moore Oil Company	201 NW 12th S.	Blue Springs	64015	Jackson	816-674-9063
Lake Jacomo Marina	7401 W Park Rd	Blue Springs	64015	Jackson	816-365-0450
M74 Data Center, Tech Ops & Warehouse	3300-3400 Duncan Rd	Blue Springs	64015	Jackson	816-918-0521
QuikTrip #180	1301 NW Woods Chapel Rd	Blue Springs	64015	Jackson	918-244-5507
QuikTrip #217	705 SW W US 40 Hwy	Blue Springs	64015	Jackson	918-244-5507
QuikTrip #241	1201 N 7 Hwy	Blue Springs	64014	Jackson	918-244-5507
St. Mary's Medical Center	201 NW Mize Rd	Blue Springs	64014	Jackson	816-914-8547
WestRock CP, LLC	100 SW South Ave	Blue Springs	64014	Jackson	816-739-7742
Buckner Thriftway	012 E Monroe	Buckner	64016	Jackson	816-838-3049
Buckner/Sibley	31103 E. Blue Mills Rd	Buckner	64016	Jackson	816-565-6270
Casey's General Store #1093	200 E Monroe St	Buckner	64016	Jackson	515-446-6238
Great Southern Wood - Buckner, Inc	1320 E Old Lexington Rd	Buckner	64016	Jackson	501-881-9092

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Ferrellgas?	32704 E Lake City	Buckner	64016	Jackson	***Unavailable***
Sinclair Transportation Company/Jackson County	Hwy BB & Neil Chiles Rd	Buckner	64016	Jackson	800-321-3994
Casey's General Store #2209	1251 SW Eagles Pkwy	Grain Valley	64029	Jackson	515-446-6238
Casey's General Store #2808	101 S Buckner Tarsney Rd	Grain Valley	64029	Jackson	515-446-6238
Casey's General Store #3325	1111 S Buckner Tarsney Rd	Grain Valley	64029	Jackson	515-446-6238
Grain Valley Takepoint	E Side of NE Outer Rd	Grain Valley	64029	Jackson	1-800-424-9300
Penny's Concrete	411 E South Outer Belt Rd	Grain Valley	64029	Jackson	785-423-1516
QuikTrip #259	1110 N Buckner Tarsney Rd	Grain Valley	64029	Jackson	918-244-5507
Dayton Freight Lines, Inc	3340 E. 143rd St	Grandview	64030	Jackson	913-244-5434
Maxi Seal Harness Systems	13312 5th St	Grandview	64030	Jackson	636-577-4961
National Logistics Reconditioning Center	14200 Merritt Rd	Grandview	64030	Jackson	816-564-0583
OLA Depot	3614B Main St	Grandview	64030	Jackson	262-409-6215
QuikTrip #186	6015 E 147th St	Grandview	64030	Jackson	918-244-5507
Buckley Powder Greenwood Site	1109 S Second Ave	Greenwood	64034	Jackson	816-728-9289
Casey's General Store #2408	500 E Broadway	Greenwood	64034	Jackson	515-446-6238
Greenwood Lift Station	1109 S 2nd Ave	Greenwood	64063	Jackson	816-813-9429
7-Eleven Store #21391	16801 Gudgell Rd	Independence	64055	Jackson	800-239-0295
7-Eleven Store #24442	17801 E US Hwy 24	Independence	64056	Jackson	800-239-0295
7-Eleven Store #29062	12333 E US Hwy 40	Independence	64055	Jackson	800-239-0295
Airgas USA, LLC - Independence	18200 E Truman Rd	Independence	64056	Jackson	816-510-2798
American Tower-Independence #35238	1603 S Menown Ave	Independence	64052	Jackson	877-518-6937
BFI Waste Services of KC	1220 S Brookside Ave	Independence	64052	Jackson	913-713-5626
Capital Sand- Independence Plant	14800 Hwy 210	Independence	64058	Jackson	***Unavailable***
Capital Sand- River Bend Plant	4401 N Cobbler Rd	Independence	64058	Jackson	816-606-0262
CarMax #7268 - Independence	19010 E Valley View Pkwy	Independence	64055	Jackson	804-814-5174
Casey's General Store #2213	1110 E 23rd St S	Independence	64055	Jackson	515-446-6238
Fort Osage R-1 School District	2101 N Twyman Rd	Independence	64058	Jackson	816-404-9047
Hy-Vee Gas	1523 E 23rd St	Independence	64055	Jackson	816-739-2081
IPL - Substation C	3200 Weatherford Rd	Independence	64055	Jackson	816-365-2378
IPL - Substation E	3450 S Northern Rd	Independence	64052	Jackson	816-365-2378
IPL - Substation F	227 S Glenwood Ave	Independence	64053	Jackson	816-365-2378

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
IPL - Substation H	16501 E Salisbury Rd	Independence	64056	Jackson	816-365-2378
IPL - Substation I	3480 S Kiger Rd	Independence	64056	Jackson	816-365-2378
IPL Substation B	1014 W Stone St	Independence	64055	Jackson	816-365-2378
IPL Substation J	204 N Dodgion St	Independence	64050	Jackson	816-365-2378
IPL Substation K	3636 Arrowhead Ave	Independence	64057	Jackson	816-365-2378
IPL Substation M	1901 E Morgan Rd	Independence	64050	Jackson	816-365-2378
IPL Substation N	106000 E US Hwy 40	Independence	64055	Jackson	816-365-2378
IPL Substation P	17901 Holke Rd	Independence	64057	Jackson	816-365-2378
IPL Substation R	17510 E US Hwy 40	Independence	64055	Jackson	816-365-2378
Lloyd's All Beverage	8625 E Wilson Rd	Independence	64053	Jackson	816-506-8945
Lowe's Of Independence, MO (#1098)	19000 E Valley View Pkwy	Independence	64055	Jackson	888-429-6281
MODOT-KC-Strike Team Independence	910 N M-291	Independence	64056	Jackson	816-718-6847
Progress Rail Services	3801 S Sesla Rd	Independence	64507	Jackson	816-503-3780
QuikTrip #152	4005 S Little Blue Pkwy	Independence	64057	Jackson	918-244-5507
QuikTrip #155	201 E 23rd St	Independence	64055	Jackson	918-244-5507
QuikTrip #161	2601 S. 291 Hwy	Independence	64057	Jackson	918-244-5507
QuikTrip #165	2321 Lee's Summit Rd	Independence	64055	Jackson	918-244-5507
QuikTrip #175	16001 E US 24 Hwy	Independence	64050	Jackson	918-244-5507
QuikTrip #201	19010 US 24	Independence	64058	Jackson	918-244-5507
QuikTrip #202	16501 E US 40 Hwy	Independence	64055	Jackson	918-244-5507
QuikTrip #205	11101 E 40 Hwy	Independence	64055	Jackson	918-244-5507
QuikTrip #216	4024 S Noland Rd	Independence	64055	Jackson	918-244-5507
QuikTrip #230	11201 E Truman Rd	Independence	64050	Jackson	9182-44-5507
QuikTrip #245	17815 E 39th St	Independence	64055	Jackson	918-244-5507
QuikTrip #248	4740 S Arrowhead Dr	Independence	64055	Jackson	918-244-5507
Safety-Kleen Systems, Inc Independence	901 S Yuma Dr	Independence	64056	Jackson	800-468-1760
Van Horn Shop	420 N Forest	Independence	64050	Jackson	816-325-7640
W.A. Ellis Construction	21500 E 24 Hwy	Independence	64057	Jackson	816-456-0609
Zoetis Independence	200 S Geospace Dr	Independence	64056	Jackson	816-332-0760
107th and Elm	E 107th St and Elm Ave	Kansas City	64134	Jackson	800-424-9300
1102 Grand – RDC	1102 Grand Blvd	Kansas City	64106	Jackson	405-600-6343
7-Eleven Store #13266	11107 Grandview Rd	Kansas City	64137	Jackson	800-239-0295
7-Eleven Store #16106	1701 Independence Ave	Kansas City	64106	Jackson	800-239-0295

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
7-Eleven Store #18711	2636 Van Brunt Blvd	Kansas City	64127	Jackson	800-239-0295
7-Eleven Store #21057	3150 Gillham Plaza	Kansas City	64109	Jackson	800-239-0295
7-Eleven Store #22931	10615 Blue Ridge Blvd	Kansas City	64134	Jackson	800-239-0295
7-Eleven Store #26369	3201 Independence Ave	Kansas City	64124	Jackson	800-239-0295
7-Eleven Store #29066	8901 Wornall Rd	Kansas City	64114	Jackson	800-239-0295
877795 - Crown Castle - Evans Construction	210 W 74th Terr	Kansas City	64114	Jackson	800-788-8011
ABF Freight System	4033 N Pleasant Ave	Kansas City	64161	Jackson	800-755-6486
AmeriGas	801 Winchester Ave	Kansas City	64125	Jackson	816-585-6861
Automatic Systems, Inc	9230 E 47th St	Kansas City	64133	Jackson	913-200-2312
B25	1401 N Universal Ave	Kansas City	64120	Jackson	909-936-9968
Bannister Phillips 66	8105 E Bannister	Kansas City	64134	Jackson	314-614-0802
Blount Intl	4840 E 12th St	Kansas City	64127	Jackson	913-702-7984
Blue River Disinfection Chemical Terminal Facility	7601 Front St	Kansas City	64120	Jackson	816-694-2223
Blue River Secondary Treatment Plant	7600 Front St	Kansas City	64120	Jackson	816-694-2223
Blue River Treatment Plant	7300 Hawthorne Rd	Kansas City	64120	Jackson	816-694-2223
BNSF Railway Company- Congo	RR Mile Post 444.1	Kansas City	64085	Jackson	800-832-5452
Boulevard Brewing Company	2501 Southwest Blvd	Kansas City	64108	Jackson	816-977-7999
Brock Grain Systems	7400 E 13th St	Kansas City	64126	Jackson	816-968-6171
Cardinal Health KCPD	7601 Gardner Ave	Kansas City	64120	Jackson	816-483-4452
Carter-Waters Pennway Branch	608 W 25th St	Kansas City	64108	Jackson	***Unavailable***
Carter-Waters Saturock Plant	3750 N Skiles Ave	Kansas City	64161	Jackson	***Unavailable***
Center for Behavior Medicine	1000 E 24th St	Kansas City	64108	Jackson	816-816-0693
Central Region Maintenance District	1520 W 9th St	Kansas City	64101	Jackson	816-226-3073
Centurylink - Kansas City Pop	1301 W 25th St	Kansas City	64108	Jackson	866-864-2255
Cintas 01K	1745 Reynolds Ave	Kansas City	64120	Jackson	816-806-3810
Clarkson Construction Company	4133 Gardner Ave	Kansas City	64120	Jackson	816-807-8591
Crown Center Redevelopment Corp	2405 Grand Blvd Suite 200	Kansas City	64108	Jackson	816-274-8484
Damon Pursell (Rockridge Quarry)	9001 Hickman Mills Dr	Kansas City	64132	Jackson	816-304-3441
Delta Air Lines, Inc - MCI	60 Rome Circle	Kansas City	64153	Jackson	816-243-5311
Derbigum	4800 Blue Pkwy	Kansas City	64130	Jackson	816-365-9416
Derbigum Blackline	4905 Lister Ave	Kansas City	64130	Jackson	816-365-9416
East Bottoms Conoco	2535 Guinottoe	Kansas City	64120	Jackson	816-797-9347
EnerSys	1260 N Corrington Ave	Kansas City	64120	Jackson	816-920-6020

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Enterprise Rent A Car	466 Paris St	Kansas City	64153	Jackson	913-967-8435
Enterprise Rent A Car Fleet	529 London Dr	Kansas City	64153	Jackson	913-967-8435
ESI Contracting Corp (Main Yard)	3001 E 83rd St	Kansas City	64132	Jackson	816-935-0912
ESI Contracting Corp (Quarry)	7300 E 63rd St	Kansas City	64129	Jackson	816-935-0912
Evergy - Dodson Service Center	8619 Prospect Ave	Kansas City	64132	Jackson	816-701-0613
Evergy- Raytown Complex	10700 E 350 Hwy	Kansas City	64138	Jackson	816-701-0613
Excess Flow Holding Basin	Raytown Rd and Old Raytown Rd	Kansas City	64134	Jackson	816-699-7360
Faultless Brands Distribution Warehouse	1100 W 8th St	Kansas City	64101	Jackson	816-365-8909
Faultless Brands Production Plant	1025 W 8th St	Kansas City	64101	Jackson	816-365-8909
Federal Reserve Bank of Kansas City	1 Memorial Dr	Kansas City	64198	Jackson	***Unavailable***
Ferrellgas	1775 Chouteau Trfy	Kansas City	64120	Jackson	888-FERRELL
Filtronetics, Inc	6010 Parretta Dr	Kansas City	64120	Jackson	816-365-3049
First Creek Pump Station	13200 Arrowhead Trfy	Kansas City	64165	Jackson	816-405-5738
Fleet Fuels	1405 Woodswether Rd	Kansas City	64105	Jackson	913-302-1818
Fleming #26	12325 Stateline Rd	Kansas City	64145	Jackson	314-614-0802
Flying J Travel Center #768	1300 N Corrington Ave	Kansas City	64120	Jackson	865-474-2826
Fordyce Concrete Company - 63rd Facility	5810 E 63rd St	Kansas City	64133	Jackson	***Unavailable***
Gateway Packaging Company	5910 Winner Rd	Kansas City	64125	Jackson	816-260-3135
GFL - Kansas City	1420 Woodswether Rd	Kansas City	64105	Jackson	816-556-6641
GPM #25848	5501 E Bannister Rd	Kansas City	64137	Jackson	214-552-4453
Grandslam	631 Grand Blvd	Kansas City	64106	Jackson	816-645-5240
Grupo Antolin Missouri	1601 Southern Rd	Kansas City	64120	Jackson	660-229-3849
Hiland Dairy Foods	3805 S Emanuel Cleaver II Blvd	Kansas City	64128	Jackson	816-399-9036
Hot Mix Materials	2701 E 85th St	Kansas City	64132	Jackson	816-803-3706
Hy-Vee Gas	14170 E Hwy 40	Kansas City	64136	Jackson	816-810-0092
Ideker (South KC Plant)	14650 Colorado Ave	Kansas City	64147	Jackson	816-390-5670
Industrial Warehouse	1800-B Southern Rd	Kansas City	64120	Jackson	913-481-8469
Inhance Technologies, LLC - 83	6127 Deramus Ave	Kansas City	64120	Jackson	816-206-4741
Internal Revenue Service	333 W Pershing Rd	Kansas City	64108	Jackson	816-213-4316
International Paper	4343 Clary Blvd	Kansas City	64130	Jackson	913-544-3796
IodiTech, Inc	951 N Topping Ave	Kansas City	64120	Jackson	816-686-9226
J M Fahey Construction Co	8600 Tracy Ave	Kansas City	64131	Jackson	816-985-0737

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Kansas City HERC -HERC - 9422-00	707 E 16th St	Kansas City	64018	Jackson	816-719-6751
Kansas City International Airport - RAC - 2212-11	516 Madrid Ave	Kansas City	64153	Jackson	816-204-7905
Kansas City Int'l Airport-DTAG Dollar-RAC-53341	651 London Dr	Kansas City	64153	Jackson	816-216-4407
Kansas City Linde, Inc	6701 St. John Ave	Kansas City	64123	Jackson	219-240-5499
Kansas City Lube Oil	2341 E Front St	Kansas City	64120	Jackson	402-676-8087
Kansas City Neff yard	6400-B Martin Ave	Kansas City	64120	Jackson	1-888-877-7267
Kansas City ProSIns -9424	1735 Charlotte St	Kansas City	64108	Jackson	816-729-7202
Kansas City Transfer Station	7801 E Truman Rd	Kansas City	64126	Jackson	630-917-9139
KCSR-IFG Intermodal Facility	3301 E 147th St	Kansas City	64147	Jackson	816-718-5199
Longview Lake Marina	9898 Longview Rd	Kansas City	64134	Jackson	816-365-0450
Longview Maintenance Shop	10700 E 109th St	Kansas City	64134	Jackson	816-365-0450
Lowe's Of East Kansas City, MO (#2943)	4201 Sterling Ave	Kansas City	64133	Jackson	888-429-6281
Lowe's Of S Kansas City, MO (#1623)	1770 W 133rd St	Kansas City	64145	Jackson	888-429-6281
Maher Oil Co	401 N Prospect Ave	Kansas City	64120	Jackson	816-797-9347
Mallin Companies, Inc	3211 Gardner Ave	Kansas City	64120	Jackson	913-681-0009
Martin City Phillips 66	125 W 135th St	Kansas City	63145	Jackson	314-614-0802
Martin Foundry Co, Inc	1510 Crystal Ave	Kansas City	64126	Jackson	816-918-7889
Martin Foundry Co, Inc	1510 Crystal Ave	Kansas City	64126	Jackson	816-918-7889
Material Recovery and Transfer, LLC	4020 Winchester Ave	Kansas City	64129	Jackson	660-580-0062
Matheson Tri Gas - Kansas	6000 E Front St	Kansas City	64120	Jackson	785-844-3161
Midway USA	3420 Gardner	Kansas City	64120	Jackson	816-985-3896
Midwest Block and Brick Premix Ops sold 2017	4101 E 12th Terr	Kansas City	64127	Jackson	573-480-2823
Midwest Shredding Service, LLC North Rhoden Lease	2900 Outer Belt Road	Kansas City	64147	Jackson	816-942-3665
Milbank Manufacturing Kansas City	4801 Deramus Ave	Kansas City	64120	Jackson	513-417-7221
Miller Materials	2405 E 85th St	Kansas City	64132	Jackson	501-515-7265
Mizkan America	2400 Nicholson Ave	Kansas City	64120	Jackson	816-739-9432
MODOT-KC-18th St. Kansas City	3503 E 18th St	Kansas City	64127	Jackson	816-994-6136
MODOT-KC-Mulberry St. Kansas City	650 Mulberry St	Kansas City	64101	Jackson	816-810-8436

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
MODOT-KC-Stadium Complex Kansas City	9101 E 40th Terr	Kansas City	64133	Jackson	816-719-9761
MRI Global	425 Volker Blvd	Kansas City	64110	Jackson	816-400-2499
Municipal Service Center	5300 Municipal Ave	Kansas City	64120	Jackson	816-518-7712
National Car Rental	648 Madrid Ave	Kansas City	64153	Jackson	913-967-8435
Nitto Automotive, Inc	8485 Prospect Ave	Kansas City	64132	Jackson	816-365-3986
NNSA, NSC, Kansas City Plant	14500 Botts Rd	Kansas City	64147	Jackson	469-658-5195
North American Distribution Center	10331 NW Transcon Dr	Kansas City	64153	Jackson	913-788-0649
North American Galvanizing Company (Dba) Azz Galvanizing - Kansas City	7700 E 12th St	Kansas City	64126	Jackson	816-437-1662
Ozark Ready Mix - Kansas City	4950 E Bannister Rd	Kansas City	64137	Jackson	573-469-1601
Ozark Ready Mix (Bannister Plant)	4950 E Bannister Rd	Kansas City	64137	Jackson	913-558-1231
Panhandle Eastern Pipe Line - Jackson County	I-435 and State Line Rd	Kansas City	64114	Jackson	800-225-3913
PBI-Gordon Corporation-Warehouse 1208	1208 W 12th St	Kansas City	64101	Jackson	785-242-2990
Penny's Concrete	8601 NE 38th St	Kansas City	64161	Jackson	785-423-1516
Penske Truck Leasing Co LP	1111 N Century Ave	Kansas City	64120	Jackson	800-526-0798
Pepsi-Co	6000 Manchester Trfy	Kansas City	64131	Jackson	913-291-6282
Pick-N-Pull Winner Rd	7700 E Winner Rd	Kansas City	64125	Jackson	816-721-3685
Pilot Travel Center #1126	8801 NE Birmingham Rd	Kansas City	64161	Jackson	865-474-2826
Praxair Distribution	1608 Holmes	Kansas City	64108	Jackson	314-568-6764
Praxair Distribution Inc	3820 Fremont	Kansas City	64129	Jackson	816-985-6559
Quality Carriers, Inc	6800 St. John Ave	Kansas City	64123	Jackson	1-800-759-8265
QuikTrip #168	10232 Wornall Rd	Kansas City	64114	Jackson	918-244-5507
QuikTrip #176	1301 Westport Rd	Kansas City	64111	Jackson	918-244-5507
QuikTrip #178	10601 State Line Rd	Kansas City	64114	Jackson	918-244-5507
QuikTrip #184	4327 Main St	Kansas City	64111	Jackson	918-244-5507
QuikTrip #190	344 W 72nd St	Kansas City	64114	Jackson	918-244-5507
QuikTrip #197	13100 Holmes Rd	Kansas City	64145	Jackson	918-244-5507
QuikTrip #204	6641 E Truman Rd	Kansas City	64126	Jackson	918-244-5507
QuikTrip #224	6820 E Front St	Kansas City	64120	Jackson	918-244-5507
QuikTrip #227	3101 Southwest Blvd	Kansas City	64108	Jackson	918-244-5507
QuikTrip #234	6400 E 87th St	Kansas City	64138	Jackson	918-244-5507

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Research Medical Center (Brookside Campus)	6601 Rockhill Rd	Kansas City	64131	Jackson	816-276-4411
Research Medical Center (Meyer Campus)	2316 E Meyer Blvd	Kansas City	64132	Jackson	816-276-4411
Richard Bolling Federal Building	601 E 12th St	Kansas City	64106	Jackson	816-308-0874
Rosen's, Inc - Pathfinder	12441 NE 41st St, Suite 300	Kansas City	64161	Jackson	816-729-5311
Round Grove Pump Station	4725 E Coal Mine Rd	Kansas City	64129	Jackson	816-405-5738
Ryder Truck Rental # 0340	3320 Manchester Trfy	Kansas City	64129	Jackson	***Unavailable***
Saia LTL-KCY	1534 N Jackson	Kansas City	64120	Jackson	800-580-4632
Saint Luke's Hospital of Kansas City	4401 Wornall Rd	Kansas City	64111	Jackson	816-932-7496
Sherwin-Williams #4343	6701 N. Universal Ave	Kansas City	64120	Jackson	877-792-3637
Sherwin-Williams #7320	3155 Roanoke St	Kansas City	64111	Jackson	877-792-3637
Shick Esteve	4323 Clary Blvd	Kansas City	64130	Jackson	913-687-5350
Siemens Industry, Inc	4140 E Front St	Kansas City	64120	Jackson	816-698-9016
Sika Sarnafil	6130 Equitable Rd	Kansas City	64120	Jackson	916-516-5504
South Region Maintenance District	6901 Elmwood Ave	Kansas City	64132	Jackson	816-585-8893
SP Richards Company	8750 Elmwood, Suite 400	Kansas City	64132	Jackson	614-214-3832
St. Joseph Medical Center	1000 Carondelet Dr	Kansas City	64114	Jackson	816-914-8547
Standard Sheet Metal Inc	405 N Olive St	Kansas City	64060	Jackson	816-888-9542
Stowers Institute for Medical Research	1000 E 50th St	Kansas City	64110	Jackson	816-213-4932
Stowers Support Facility	8333 Hickman Mills Dr	Kansas City	64132	Jackson	816-213-4932
Student Transportation of America Kansas City	6400 E 35th St	Kansas City	64129	Jackson	913-593-0854
Superior Bowen Asphalt Co (Hickman Mills Plant)	9001 Hickman Mills Dr	Kansas City	64132	Jackson	816-769-5335
Superior Bowen Asphalt Co (Manchester Plant)	2501 Manchester Trfy	Kansas City	64129	Jackson	816-769-5335
Superior Metal Treating	2540 Indiana	Kansas City	64127	Jackson	816-223-7496
Talon Concrete - 85th St Plant	3101 E 85th St	Kansas City	64132	Jackson	816-315-3985
Target Store T1840	1201 W 136th St	Kansas City	64145	Jackson	612-307-5600
The Andersons Inc	8116 Wilson Rd	Kansas City	64125	Jackson	800-757-8951
The Bay Water Park	7101 Longview Rd	Kansas City	64134	Jackson	816-456-2364
TSL Terminals - Indiana Ave	900 N Indiana Ave	Kansas City	64120	Jackson	402-677-2860
TSL Terminals - Nicholson Ave	3115 Nicholson Ave	Kansas City	64120	Jackson	660-464-0543

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
USPS	1700 Cleveland Ave	Kansas City	64121	Jackson	816-504-3400
US GSA Region 6	2306 E Bannister Rd	Kansas City	64131	Jackson	816-206-3230
US Whittaker Federal Courthouse	400 E 9th St	Kansas City	64106	Jackson	347-510-8694
USDA Data Center	8930 Ward Pkwy	Kansas City	64114	Jackson	816-9826-517
VA Medical Center	4801 E Linwood Blvd	Kansas City	64128	Jackson	816-861-4700
Vance Brothers, Inc - Brighton Facility	5201 Brighton Ave	Kansas City	64130	Jackson	816-804-0195
Vance Brothers, Inc - Chelsea Facility	4915 Chelsea Ave	Kansas City	64130	Jackson	816-804-0195
Vicinity Energy	115 Grand Blvd	Kansas City	64106	Jackson	913-240-7052
W.R. Meadows of Kansas City	3111 E 17th St	Kansas City	64106	Jackson	847-340-7114
Wabtec Global Service- KRC	4800 Deramus Ave	Kansas City	66109	Jackson	***Unavailable***
Water Service Center	1901 Brooklyn Ave	Kansas City	64127	Jackson	816-518-7712
Waterway Gas & Wash #31	8507 State Line Rd	Kansas City	64114	Jackson	314-574-6626
Western Forms	6200 Equitable Rd	Kansas City	64120	Jackson	816-442-9186
Westside Treatment Plant	1849 Woodswether Rd	Kansas City	64105	Jackson	816-405-5738
WHB	400 NE Cookingham Dr	Kansas City	64155	Jackson	(913)344-1500
XPO Logistics Worldwide Inc, Sunrise	4601 Stilwell	Kansas City	64120	Jackson	816-377-4974
YRC, Inc d/b/a YRC Freight (326)	3500 Booth St	Kansas City	64129	Jackson	816-739-3166
Zoetis Kansas City	12200 NW Ambassador Dr, Suite 101	Kansas City	64163	Jackson	1-888-ZOETIS1
Wind Capital Holdings, LLC (Bluegrass Ridge)	4288 480th Rd	King City	64463	Jackson	815-488-3990
Show Me Ready Mix	25606 E Lone Jack Lee's Summit Rd	Lake Lotawana	64086	Jackson	816-985-5905
3310 Fuel Station	3310 NE Rennau Dr	Lee's Summit	64064	Jackson	816-365-0450
7-Eleven Store #13283	909 SW Oldham Pkwy	Lee's Summit	64081	Jackson	800-239-0295
Billy Goat Industries	1803 SW Jefferson St	Lee's Summit	64082	Jackson	816-251-8122
Blue Springs Lake Marina	1700 NE Bowlin Rd	Lee's Summit	64064	Jackson	816-365-0450
Casey's General Store #1098	1800 E Langsford Rd	Lee's Summit	64063	Jackson	515-446-6238
Century Concrete Inc - Lee's Summit Facility	2400 NW Quarry Park Rd	Lee's Summit	64081	Jackson	913-207-3803
Douglas Phillips 66	1601 NE Douglas	Lee's Summit	64086	Jackson	314-614-0802
Geiger Ready-Mix Company, Inc	150 SE Stuart Rd	Lee's Summit	64063	Jackson	913-208-1399
HAMM, Inc - Lotawana Quarry	11400 S 7 Hwy	Lee's Summit	64086	Jackson	816-518-3658

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Hy-Vee Gas	1201 SW 3rd St	Lee's Summit	64081	Jackson	816-769-8235
Hy-Vee Gas	920 NE Langford Rd	Lee's Summit	64086	Jackson	913-579-9184
Longview Phillips 66	3325 SW 3rd St	Lee's Summit	64081	Jackson	314-614-0802
Lotawana	10417 E Thompson Rd	Lee's Summit	64086	Jackson	816-565-6270
Lowe's Of Lee's Summit, MO (#1180)	1830 NW Chipman Rd	Lee's Summit	64081	Jackson	888-429-6281
Material Transport Company	2400 NW Quarry Park Rd	Lee's Summit	64081	Jackson	816-935-3344
MODOT-KC-2050	2050 Independence Ave	Lee's Summit	64086	Jackson	816-365-9946
MODOT-KC-3050	3050 Independence Ave	Lee's Summit	64064	Jackson	816-835-5620
Pavestone LLC	601 NE Pavestone Dr	Lee's Summit	64064	Jackson	816-668-9370
Polytainers, Inc	1400 NE Douglas St	Lee's Summit	64086	Jackson	816-246-6100
QuikTrip #162	801 SE M-291 Hwy	Lee's Summit	64063	Jackson	918-244-5507
QuikTrip #183	1001 SW Blue Pkwy	Lee's Summit	64063	Jackson	918-244-5507
QuikTrip #191	1450 NE M-291 Hwy	Lee's Summit	64086	Jackson	918-244-5507
QuikTrip #200	120 SW M-150 Hwy	Lee's Summit	64082	Jackson	918-244-5507
QuikTrip #208	800 NE Woods Chapel Rd	Lee's Summit	64064	Jackson	918-244-5507
Raintree Lift Station	4701 Raintree Pkwy	Lee's Summit	64082	Jackson	816-813-9429
RSC Equipment Rentals - Lee's Summit Branch #943	951 SE Oldham Pkwy	Lee's Summit	64081	Jackson	888-409-0137
Rush Hour #1	301 SW Ward Rd	Lee's Summit	64081	Jackson	816-835-6676
Rush Hour #1	301 SW Ward Rd	Lee's Summit	64081	Jackson	816-835-6676
Rush Hour #3	901 NE Colbern Rd	Lee's Summit	64086	Jackson	816-835-6676
Saint Luke's East Hospital	100 NE Saint Luke's Blvd	Lee's Summit	64086	Jackson	816-347-5911
SCP Distributors LLC #D9	2610 NE Hagan Rd	Lee's Summit	64064	Jackson	913-909-4156
Superior Bowen Asphalt Co. (Lee's Summit Plant)	2250 NW Quarry Park Rd	Lee's Summit	64081	Jackson	816-769-5335
Target Store T1392	1850 NW Chipman Rd	Lee's Summit	64081	Jackson	612-307-5600
TruGreen Limited Partnership	5455 NW Lee's Summit Rd	Lee's Summit	64064	Jackson	816-564-6413
Zoetis Lee's Summit	1 SE Pfizer Way	Lee's Summit	64081	Jackson	816-332-0760
Levasy PC (10023)	36906 E Hwy 24	Levasy	65066	Jackson	573-999-2489
Drinkwater Takepoint	33303 Drinkwater Rd	Lone Jack	64070	Jackson	800-424-9300
Southern Star Central Gas Pipeline (Jackson County - Lone Jack Station)	14019 Hutt Rd	Lone Jack	64070	Jackson & others	800-324-9696

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
BP Pipelines North America, Inc	Jackson County	N/A	N/A	Jackson & others	816-899-5601
Buckeye Pipe Line Transportation LLC - Jackson County	Jackson County	N/A	N/A	Jackson & others	1-800-331-4115
Southern Star Central Gas Pipeline (Jackson County)	Jackson County	N/A	N/A	Jackson	800-324-9696
Tallgrass Interstate Gas Transmission Jackson	Jackson County	N/A	N/A	Jackson & others	888-763-3690
HD Supply MO42 Kansas City	1120 Saline St	N. Kansas City	64116	Jackson	1-800-644-3006
Casey's General Store #3801	807 S Broadway	Oak Grove	64075	Jackson	515-446-6238
Ferrellgas - Oak Grove	410 SW 11th St	Oak Grove	64075	Jackson	888-FERRELL
QuikTrip #150	309 S Broadway	Oak Grove	64075	Jackson	918-244-5507
Speedco #940	301 SE 4th St	Oak Grove	64075	Jackson	816-8825608
Hy-Vee Gas	9401 E US 350 Hwy	Raytown	64133	Jackson	816-609-8890
MONG Raytown Field Maintenance Shop (FMS)	12000 Military Club Rd	Raytown	64138	Jackson	573-638-9803
QuikTrip #156	8733 E 63rd St	Raytown	64133	Jackson	918-244-5507
QuikTrip #209	9323 E 350 Hwy	Raytown	64133	Jackson	918-244-5507
BNSF Railway Company - West Sibley	RR Mile Post 426.3	Sibley	64066	Jackson	800-832-5452
Sibley Generating Station	33200 E Johnson Rd	Sibley	64088	Jackson	816-520-6050
BP Products North America Inc	1000 N Sterling Ave	Sugar Creek	64054	Jackson	330-421-1100
BP Products North America Inc Sugar Creek	1000 N Sterling Ave	Sugar Creek	64054	Jackson	330-421-1100
Buckeye Tank Terminals, LLC - Sugar Creek	1315 N Sterling	Sugar Creek	64054	Jackson	765-516-3404
Central Plains Cement - Cement Plant	2200 N Courtney Rd	Sugar Creek	64050	Jackson	816-257-3653
Central Plains Cement - Kansas City Terminal	4200 N Cement City Rd	Sugar Creek	64058	Jackson	816-935-9463
Central Plains Cement - River Facility	4201 N River Blvd	Sugar Creek	64050	Jackson	816-257-3653

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Central Plains Cement - Underground Mine	2620 N Route 291	Sugar Creek	64050	Jackson	816-257-3653
Courtney Bend Water Treatment Plant	14700 Cement City Rd	Sugar Creek	64058	Jackson	816-325-7640
Courtney Ridge Landfill	1701 N Hwy 291	Sugar Creek	64058	Jackson	816-564-3352
Ideker (Portable Asphalt- Sugar Creek)	2001 N Courtney Rd	Sugar Creek	64050	Jackson	816-390-5670
Mill Creek Lift Station	15737 Courtney Atherton Rd	Sugar Creek	64054	Jackson	816-699-7360
Quicksilver Readymix - Sugar Creek Plant	2601 N 291 Hwy	Sugar Creek	64050	Jackson	816-215-1867
Rumble Landfill	2033 Courtney Rd	Sugar Creek	64054	Jackson	417-214-0522
Buildex LLC	22105 MO 371	Dearborn	64439	Platte	720-219-9836
Nash Gas and Appliance Inc	504 Maple Leaf St	Dearborn	64439	Platte	800-982-3522
Nash Gas and Appliance Inc	001 Frank St	Edgerton	64444	Platte	800-982-3522
Avis Rent A Car System, LLC - Kansas City	723 London Dr	Kansas City	64153	Platte	402-505-0094
BMS Transcon Dr	10221 NW Transcon Dr	Kansas City	64153	Platte	816-752-6972
Century Concrete Inc - Tiffany Springs Facility	7900 NW Tiffany Springs	Kansas City	64153	Platte	913-207-3803
DeLaval Manufacturing	11100 N Congress Ave	Kansas City	64153	Platte	913-558-8851
FedEx Express-MCIR	1210 Mexico City Ave	Kansas City	64153	Platte	816-565-9090
First Student, Inc #20275	6207 NW Bell Rd	Kansas City	64152	Platte	816-721-6319
First Transit, Inc #55428	745 Mexico City Ave	Kansas City	64153	Platte	816-215-7136
GPM #25847	5401 NW 64th St	Kansas City	64151	Platte	214-552-4453
Johnson Controls	7805 NW 97th Terr	Kansas City	64153	Platte	816-977-4428
Kansas City Airport - Aviation	601 Brasilia Ave	Kansas City	64153	Platte	816-835-4373
KCMO Aviation Overhaul Base	9200 NW 112th St	Kansas City	64153	Platte	816-668-6442
Lowe's Of N Kansas City, MO (#1078)	8601 N Boardwalk Ave	Kansas City	64154	Platte	888-429-6281
MCI Air Traffic Control Tower	4 International Square	Kansas City	64153	Platte	816-377-4228
MODOT-KC-Cookingham Dr Kansas City	1910 NW Cookingham Dr	Kansas City	64155	Platte	816-572-8634
Panasonic Automotive Systems Company of America KCJIT	10800 N Ambassador Dr	Kansas City	64153	Platte	313-587-0583
Pied Creek Pump Station	6615 NW Eastside Dr	Kansas City	64152	Platte	816-405-5738

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
QuikTrip #218	7133 NW Barry Rd	Kansas City	64153	Platte	918-244-5507
Saint Luke's North Hospital Barry Rd/Saint Luke's Health System	5830 NW Barry Rd	Kansas City	64154	Platte	816-880-6789
Signature Flight Support	880 Mexico City Ave	Kansas City	64153	Platte	816-803-0571
Skyfuel Aviation Services	217 Bern St	Kansas City	64153	Platte	816-778-5218
Stryten Manufacturing	7601 NW 107th Terr Suite A	Kansas City	64153	Platte	620-284-1069
Superior Bowen Asphalt Co (KCI Plant)	SE Jct of N Winnen Ave and Hwy 92	Kansas City	64079	Platte	816-769-5335
SYGMA Network, Inc	11400 N Congress Ave	Kansas City	64153	Platte	816-621-8979
The Springs Aquatic Center	9400 N Congress Ave	Kansas City	64153	Platte	816-456-2364
Thoroughbred Ford, Inc	9615 N Revere Ave	Kansas City	64154	Platte	816-585-4513
UPS-MCI Gateway	594 Mexico City Ave	Kansas City	64153	Platte	913-207-1721
Hy-Vee Gas+C62C31:C65	8371 N St. Clair Ave	Kansas City	64151	Platte	816-519-5036
Quicksilver Readymix -104th St Plant	8418 NW 104th St	Kansas City	64153	Platte	816-215-1867
Enterprise Products Operating LLC - MAPL	Platte County	N/A	N/A	Platte & others	217-377-4006
Southern Star Central Gas Pipeline (Platte County)	Platte County	N/A	N/A	Platte & others	800-324-9696
MODOT-KC-Northmoor	5248 Waukomis	Northmoor	64079	Platte	816-944-9620
Missouri American Water	10530 NW FF Hwy	Parkville	64152	Platte	856-287-9958
QuikTrip #189	8601 NW 45 Hwy	Parkville	64152	Platte	918-244-5507
Schwan's Home Service - 14400 Parkville	6225 NW Kelly Dr	Parkville	64152	Platte	507-828-2489
BP Foodmart	25615 W Hwy 92	Platte City	64079	Platte	816-616-9172
Casey's General Store #2330	112 Branch St	Platte City	64079	Platte	515-446-6238
Ferrellgas - Platte City	14500 Bethel Rd	Platte City	64079	Platte	888-FERRELL
MODOT-KC-Platte City	16105 Elm Grove Rd	Platte City	64079	Platte	816-863-0803
Platte City LP (10014)	15210 Hwy HH	Platte City	64079	Platte	573-999-2489
Platte County Department of Public Works	15955 Hwy 273	Platte City	64079	Platte	816-200-6548
Platte County Ready Mix	15475 Knighton Ave	Platte City	64079	Platte	816-365-1739
Platte-Clay Fuels LLC #2	1500 Branch St	Platte City	64079	Platte	***Unavailable***
QuikTrip #236	1951 Prairie View Rd	Platte City	64079	Platte	918-244-5507
WOOD OIL #24	27015 W Hwy 92	Platte City	64079	Platte	913-290-0224

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
Sur-Gro Plant Food	1006 W North St	Plattsburg	64477	Platte	816-590-4170
Advanced Turf Solutions, Riverside	224 NW Parkway Dr	Riverside	64150	Platte	816-309-0971
Argosy Casino Hotel & Spa	777 NW Argosy Pkwy	Riverside	64150	Platte	816-719-2250
CarterEnergy	100 NW Parkway Rd	Riverside	64150	Platte	913-558-1649
Holliday Sand Riverside Plant #11	3501 Zeke Rd	Riverside	64150	Platte	913-208-4717
IFPC - Riverside	4400 NW 41st St	Riverside	64150	Platte	816-533-1731
Line Creek Pump Station	2599 NW Tullison Rd	Riverside	64150	Platte	816-405-5738
Nash Gas and Appliance Inc	6501 NW Riverpark Dr	Riverside	64150	Platte	800-982-3522
QuikTrip #170	4600 NW Gateway Dr	Riverside	64150	Platte	918-244-5507
Riverside Takepoint	3801 Block of Argosy Pkwy	Riverside	64150	Platte	1-800-424-9300
RN Eaton & Company	4124 NW Riverside St	Riverside	64150	Platte	816 564-0594
Thompson Gas - Riverside	3001 NW Platte Rd	Riverside	64150	Platte	800-768-6612
US Farathane LLC	4600 41st St	Riverside	64150	Platte	248-765-5704
Yanfeng Automotive Interiors	4110 NW Helena	Riverside	64150	Platte	816-591-2850
Snow Creek Ski Resort	1 Snow Creek Dr	Weston	64098	Platte	970-409-8318
Sur-Gro Plant Food	335 Main St	Weston	64098	Platte	816-560-4658
BNSF Railway Company- Camden	RR Mile Post 418 (State Hwy T)	Camden	64017	Ray	800-832-5452
Ferrellgas	N Hwy 21	Centerville	63633	Ray	888-FERRELL
BNSF Railway Company - Hardin	RR Mile Post 405 (NE 1st St & W Olive St)	Hardin	64035	Ray	800-832-5452
Hardin LP (10023)	46005 Hwy 10	Hardin	64035	Ray	573-999-2489
Hardin PC (10023)	105 S 1st St	Hardin	64035	Ray	573-999-2489
Sinclair Transportation Company/Ray County	Lexington Rd & Main St	Henrietta	64036	Ray	800-321-3994
Tabers Products Inc	215 Main St	Henrietta	64036	Ray	816-838-9966
Tabers Products Inc	215 Main St	Henrietta	64036	Ray	816-838-9966
Casey's General Store #1283	311 W 6th St	Lawson	64062	Ray	515-446-6238
Evans Oil & Gas, Inc	Po Box 36	Lawson	64062	Ray	816-365-9304
Buckeye Pipe Line Transportation LLC - Ray County	Ray County	N/A	N/A	Ray & others	1-800-331-4115
Enterprise Products Operating LLC - MAPL	N/A	N/A	N/A	Ray & others	217-377-4006
BNSF Railway Company - West Maxwell	RR Mile Post 177.5 (S Union Rd & Hwy 210)	Orrick	64623	Ray	800-832-5452

Non-EHS Facility Name, Missouri	Street	Town/City	Zip	County	24-Hour Phone
MFA AgriServices - Orrick	208 E North Front St	Orrick	64077	Ray	816-260-3888
Michael Arnold Enterprises LLC	7537 Bruns Rd	Orrick	64077	Ray	816-536-2472
Missouri Rock	7797 Hwy O	Orrick	64077	Ray	816-456-0609
Water Plant	7906 Hwy O	Orrick	64077	Ray	816-496-3611
Water Plant	7906 Hwy O	Orrick	64077	Ray	816-496-3611
Knoxville Quarry	17279 Maddux Rd	Rayville	64084	Ray	816-205-0209
AmeriGas	709 Hill St	Richmond	64805	Ray	816-585-6861
Arnette Polymers, LLC	8905 Wollard Blvd	Richmond	64085	Ray	816-589-1443
BNSF Railway Company - Thiehoff	RR Mile Post 167.05	Richmond	64085	Ray	800-832-5452
BP Amoco of Richmond	101 S Spartan	Richmond	64085	Ray	816-405-1850
Casey's General Store #1487	424 W Main St	Richmond	64085	Ray	515-446-6238
Gary Hughes Self Service LLC	37592 Hwy 10	Richmond	64085	Ray	816-726-2522
MODOT-KC-Richmond	42896 Old Hwy 10	Richmond	64085	Ray	660-292-0231
Penny's Concrete	9596 Hwy EE	Richmond	64085	Ray	785-423-1516
Ray-Carrol Fuels LLC	807 W Main St	Richmond	64085	Ray	800-722-4470
Richmond Sinclair	609 E South St	Richmond	64085	Ray	816-405-1850
Richmond Texaco LLC DBA Richmond Shell	609 E South St	Richmond	64085	Ray	816-405-1850
Stet Quarry	46134 State Hwy K	Stet	64680	Ray	816-205-0209

The following tables list Tier II facilities within the Kansas Mid-America LEPC planning area, as provided to Kansas Department of Health and Environment, that used/stored one or more EHS during the 2020 reporting period.

Table A-24: Kansas EHS Tier II Facility Emergency Contacts, Johnson County (2020)

EHS Facility Name, Johnson County	Street	Town/City	Zip	24-Hour Phone
DMC3	4101 Powell	Bonner Springs	66226	913-991-1820
AT&T - Desoto Co - K54108	8445 Penner	Desoto	66018	501-538-5972
Intervet DBA Merck Animal Health	35500 W 91st St	Desoto	66018	913-225-0596
Coldpoint Logistics Warehouse	31301 W 181st St	Edgerton	66021	913-233-9442
Edgerton Coop	1002 E 2nd	Edgerton	60021	913-206-3849
ITW Labels	147 W Cherokee	Gardner	66030	913-208-2901
KS-690_Charter Comms_Gardner	29669 W 167th St	Gardner	66030	608-598-9397
New Cingulare Wireless - USID43619	1 New Century Pkwy	Gardner	66030	800-638-2822
Verizon Wireless-Gardner (ID:55281)	29225 W 183rd St	Gardner	66030	800-386-9639
KS-699_Charter Comms_Time Warner Office/Store	8221 W 119th St	Kansas City	66213	608-598-9397
AT&T - OVPKKSZZH01	10901 Granada Ln	Leawood	66211	800-566-9347
AT&T - Lenexa Co -K54061	9532 Pflumm Rd	Lenexa	66215	501-538-5972
Cricket Communications	10801 Lakeview Ave	Lenexa	66219	800-566-9347
Disposable Instrument Company	14248 Santa Fe Trail Dr	Lenexa	66215	913-908-0632
Fabriclean - Lenexa	14400 W 97th Terr	Lenexa	66215	281-782-2532
Heartland Coca Cola Pc	10001 Industrial Blvd	Lenexa	66215	913-626-9487
Kocher & Beck USA LP	15850 W 99th St	Lenexa	66219	913-406-0872
KS-696_Charter Comms_KC Lenexa DLH	9160 Renner Blvd	Lenexa	66219	608-598-9397
Lenexa WWTP LLC	14021 W 101st St	Lenexa	66215	913-534-4632
SCP Distributors - #20	14792 W 99th St	Lenexa	66215	913-291-9070
Shasta Beverages Co Inc	9901 Widmer Rd	Lenexa	66215	419-376-2824
Verizon Wireless-Lenexa (ID:53284)	14398 Santa Fe Trail Dr	Lenexa	66219	800-386-9639
Verizon Wireless-Lenexa MTSO (ID:51622)	9725 Pflumm Rd	Lenexa	66215	800-386-9639
AT&T/SWB - Mission Toll - K54049	5400 Foxridge Dr	Mission	66202	913-708-0190
CFS West Holdings Inc	101 Prairie Village Dr	New Century	66031	804-350-8389
Danisco USA Inc	201 New Century Pkwy	New Century	66031	913-210-9499
Heartland Precision Fasteners	301 Prairie Village Dr	New Century	66031	913-526-5862
Kerry	400 Prairie Village Dr	New Century	66031	913-210-9039
Upfield Sourcing US Inc	27080 W 159th St	New Century	66031	913-712-6890
Aldi Inc	10505 S K-7 Hwy	Olathe	66061	319-371-7552

EHS Facility Name, Johnson County	Street	Town/City	Zip	24-Hour Phone
AT&T - KK1162	15085 W 116th St	Olathe	66062	501-538-5972
AT&T/SWB - Olathe Co - K54080	114 N Water	Olathe	66061	501-538-5972
Exxonmobil Olathe Grease Plant	1400 S Harrison	Olathe	66061	913-791-2020
Foodbrands Supply Chain Services	20701 W 159th	Olathe	66062	913-393-7000
Olathe, City Of-Water Treatment Plant #2	27065 W 83rd St	Olathe	66227	913-927-0764
Performance Plating & Polishing	435 S Kansas Ave	Olathe	66061	913-915-5731
Sysco Kansas City Inc	1915 Kansas City Rd	Olathe	66061	913-238-3523
Verizon Wireless-Blackbob (ID:51874)	15010 W 135th, St 410a	Olathe	66062	800-386-9639
Verizon Wireless-Heritage Park (ID:52988)	16201 Lackman Rd	Olathe	66062	800-386-9639
AT&T/SWB - Corp Woods East - K54105	11089 Cedar St	Overland Park	66211	501-538-5972
AT&T/SWB - Corp Woods Host (Central) - K54260	8686 College Blvd	Overland Park	66210	501-538-5972
AT&T/SWB - Corp Woods West - K54473	11749 W 112th	Overland Park	66210	501-538-5972
AT&T/SWB - Dupont Co/Soc - K54043	9444 Nall	Overland Park	66207	501-538-5972
AT&T/SWB - Hedrick Co - K54048	7400 Johnson Dr	Overland Park	66202	501-538-5972
AT&T/SWB - Stanley Co - K54100	14969 S Metcalf (Stanley)	Overland Park	66223	501-538-5972
Cardinal Health	11300 Glenwood Ave	Overland Park	66211	660-651-7543
New Cingular Wireless - Switch (Pop) -Kk1801	7801 Farley St	Overland Park	66204	501-538-5972
Overland Park 6100 Pop	6100 Sprint Pkwy	Overland Park	66251	913-515-4448
Overland Park 6220 Pop	6220 Sprint Pkwy	Overland Park	66251	913-515-4448
Overland Park 6360 Pop	6360 Sprint Pkwy	Overland Park	66251	913-515-4448
Universal Engraving Inc	9090 Nieman Rd	Overland Park	66214	816-674-6581
Verizon Wireless-College Blvd (ID:52349)	11237 Mastin	Overland Park	66210	800-386-9639
Verizon Wireless-Husky (ID:10731288)	10515 W 135th St	Overland Park	66221	800-386-9639
Verizon Wireless-Metcalf (ID:53462)	9300 Metcalf	Overland Park	66212	800-386-9639
AT&T/SWB - Shawnee Co - K54053	6134 Pflumm Rd	Shawnee	66216	501-538-5972
EC Manufacturing LLC	23501 W 84th St	Shawnee	66227	816-560-9002
Elanco US Inc	12707 Shawnee Mission Pkwy	Shawnee	66216	913-268-2700
Helena Agri Enterprises	8215 Hedge Lane Terr	Shawnee	66227	913-441-0676
Interline Brands	10806 W 78th St	Shawnee	66214	913-226-9243
KS-700_Charter Comms_KC Shawnee DLH	17704 W 66th Terr	Shawnee	66217	608-598-9397
Legacy Technologies LLC	6700 W 47th Terr	Shawnee	66203	816-377-0992
McLane Foodservice	8200 Monticello	Shawnee	66227	816-416-0227
New Cingular Wireless - USID8603	8221 W 119th St	Shawnee	66213	800-638-2822
Ted Manufacturing Corp	11415 Johnson Dr	Shawnee	66203	913-219-5322

EHS Facility Name, Johnson County	Street	Town/City	Zip	24-Hour Phone
Verizon Wireless-Harley Davidson (ID:135980)	6803 Hedge Lane Terr	Shawnee	66226	800-386-9639
Verizon Wireless-Little Louie (ID:2381140)	5041 Reinhardt Dr	Shawnee	66205	800-386-9639
Verizon Wireless-Mt Olive (ID: 53485)	9514 Perry Ln	Shawnee	66212	800-386-9639
Verizon Wireless-Shawnee PD (ID:54297)	6535 Quivira Rd	Shawnee	66216	800-386-9639
KS-5457_Charter Comms_Stanley DLH	7359 W 162nd Terr	Stanley	66085	608-598-9397
AGC Flat Glass North America	20400 N Webster	Spring Hill	66083	913-302-4132
Farmers Union Coop-Sold to Family Farm Ag	110 S Frank	Spring Hill	66083	913-484-5202

Table A-25: Kansas EHS Tier II Facility Emergency Contacts, Leavenworth County (2020)

EHS Facility Name, Leavenworth County	Street	Town/City	Zip	24-Hour Phone
National Cold Storage Inc	12755 Loring Dr	Bonner Springs	66012	913-244-1442
AT&T - Potter - USID94198	20725 Millwood Rd	Easton	66020	800-638-2822
AT&T/SWB - Lansing Co - K54089	14758 4H Rd	Leavenworth	66048	501-538-5972
AT&T/SWB - Leavenworth Co - K54071	615 Shawnee	Leavenworth	66048	501-538-5972
Drexel Chemical Company	1535 S Second St	Leavenworth	66048	901-827-6371
Heatron Inc	3000 Wilson Ave	Leavenworth	66048	913-426-6566
Heatron Inc	200 Commercial St	Leavenworth	66048	913-426-6566
KS-695_Charter Communications_Leavenworth	541 McDonald Rd	Leavenworth	66048	608-598-9397
AT&T/SWB - Tonganoxie Co - K54131	105 E 6th R	Tonganoxie	66086	501-538-5972
McGraw Fertilizer Service Inc	21742 207th St	Tonganoxie	66086	913-449-5150

Table A-26: Kansas EHS Tier II Facility Emergency Contacts, Wyandotte County (2020)

EHS Facility Name, Wyandotte County	Street	Town/City	Zip	24-Hour Phone
AT&T/SWB - Bonner Springs Co - K54006	163 N Nettleton	Bonner Springs	66012	501-538-5972
Brill Inc	2410 S Scheidt Ln	Bonner Springs	60012	913-543-0096
Earp Meat Company	2730 S 98th St	Edwardsville	66111	913-481-2248
Lineage Logistics	2441 S 98th St Suite B	Edwardsville	66111	913-401-5952
Sunopta	1103 Blake St	Edwardsville	66111	816-501-6831
Airgas Specialty Products	2500 State Line Rd	Kansas City	66103	800-528-4963
ALS Services USA Corp	935 Sunshine Rd	Kansas City	66115	816-617-6148
Amsted Rail - Griffin Wheel Co	7111 Griffin Rd	Kansas City	66111	913-660-8922
Associated Wholesale Grocers	5000 Kansas Ave	Kansas City	66106	913-309-2183
Astro Pak Corporaton	11559 Kaw Dr	Kansas City	66111	562-922-5076
AT&T - Kansas Speedway - USID111825	1601 Phoenix Ave	Kansas City	66111	800-638-2822
AT&T/SWB - Basehor Co - K54020	1911 N 138th	Kansas City	66109	501-538-5972
AT&T/SWB - Drexel Co - K54015	901 N 10th	Kansas City	66101	501-538-5972
AT&T/SWB - Sunset Co - K54035	6425 Parallel Ave	Kansas City	66102	501-538-5972
Bartlett Grain Company LP	1310 Fairfax Trfy	Kansas City	66115	913-515-1313
Best Harvest Bakeries	530 S 65th St	Kansas City	66111	913-747-5489
BPU-Nearman Creek Power Sta	4240 N 55th St	Kansas City	66104	913-573-9888
BPU-Nearman Water Processing	4301 Brenner Dr	Kansas City	66104	913-573-9888
BPU-Quindaro Power Station	3601 N 12th St	Kansas City	66104	913-573-9888
Darling Ingredients - Kansas City	685 Adams St	Kansas City	66105	217-671-1869
Ecolab - Kansas City	508 S 70th St	Kansas City	66111	816-889-8170
Ergon Asphalt & Emulsions-Wolcott	10520 Wolcott Dr	Kansas City	66109	913-343-2358
Gm Fairfax Assembly	3201 Fairfax Trfy	Kansas City	66115	913-954-2137
GNB KCK LLC	3001 Fairfax Trfy	Kansas City	66115	816-560-6274
Great Wolf Lodge of Kansas City	10401 Cabela Dr	Kansas City	66111	913-620-1094
Harcros Chemicals Inc	5200 Speaker Rd	Kansas City	66106	913-321-3131
Harvest Meat Company	1301 Argentine Blvd	Kansas City	66105	913-704-8851
Hillshire Brands Co	4612 Speaker Rd	Kansas City	66106	616-403-0513
Kansas City Steak	5140 Kansas Ave	Kansas City	66106	360-632-7689
Kansas City Steak Co LLC	100 Osage Ave	Kansas City	66105	360-632-7689
Keebler Company (Kellogg Co)	801 Sunshine Rd	Kansas City	66115	260-437-3207
KS-693_Charter Communications_Gibbs	4224 Gibbs Rd	Kansas City	66106	608-598-9397
KS-694_Charter Communications_State	1120 N 79th St	Kansas City	66112	608-598-9397
Liquid Environmental Solutions	3349 Harvester Rd	Kansas City	66115	913-290-0668

EHS Facility Name, Wyandotte County	Street	Town/City	Zip	24-Hour Phone
Midwest Refrigerated Services LLC	1601 Fairfax Trfy	Kansas City	66115	918-809-7212
Missouri Walnut Trading DBA Ohio Log Trading	990 S 68th St	Kansas City	66111	417-489-7150
Napa Distribution Center	250 Osage Ave	Kansas City	66105	678-934-7234
New Cingular Wireless - USID119822	1600 Village West Pkwy	Kansas City	66111	800-638-2822
New Cingular Wireless - USID58379	8831 Osage Ave	Kansas City	66106	800-638-2822
Nordic Foods Co Inc	4747 Speaker Rd	Kansas City	66106	913-530-1437
PQ Corporation	1700 Kansas Ave	Kansas City	66105	913-238-1174
Procter & Gamble Mfg Company	1900 Kansas Ave	Kansas City	66105	913-208-9255
Reagent Chemical & Research	5200 Speaker Rd	Kansas City	66106	800-231-1807
Stericycle-Kansas City	3140 N 7th St Trfy	Kansas City	66115	913-238-6230
Talon Concrete - Bunker Plant	317 S 3rd St	Kansas City	66117	816-215-1867
Univar Solutions USA	5420 Speaker Rd	Kansas City	66106	800-424-9300
Verizon Wireless -Kansas City KS (ID:53211)	600 N 86th	Kansas City	66112	800-386-9639
Verizon Wireless-KS Speedway (ID:20036688)	1601 Phoenix Dr	Kansas City	66111	800-386-9639
Verizon Wireless-Merriam (ID:53457)	2933 S 47th St	Kansas City	66106	800-386-9639
Verizon Wireless-Quindaro (ID:10074476)	1500 N 38th St	Kansas City	66102	800-386-9639
Verizon Wireless-West Racetrack (ID:155172)	605 N 110th St	Kansas City	66111	800-386-9639
Water Dist 1 Of Jo Co-Hansen Plant	7601 Holliday Dr	Kansas City	66106	913-895-5801
Water Dist 1 Of Jo Co-Kansas River	8715 Holliday Dr	Kansas City	66106	913-895-5801
Water Dist 1 Of Jo Co-Missouri	4340 N 60th St	Kansas City	66104	913-895-5801
Water Dist 1 Of Jo Co-Wolcott Plant	10900 Sam Clark Ln	Kansas City	66109	913-895-5801
XPO Logistics Freight, Inc - XKC	234 E Donovan Rd	Kansas City	66115	618-335-9092

The following tables list Tier II facilities within the Missouri Region A Urban LEPD, as provided to Missouri Emergency Response Commission, that used/stored one or more EHS during the 2020 reporting period.

Table A-27: Missouri EHS Tier II Facility Emergency Contacts, Cass County (2020)

EHS Facility Name, Cass County	Street	Town/City	Zip	24-Hour Phone
AT&T - EO5161	220 E Walnut St	Archie	64725	816-289-8134
AT&T - EO5162	612 Walnut	Belton	64012	816-289-8134
Belton Distribution Center	16101 S Outer Rd	Belton	64012	660-351-4337
Belton Substation	403 S Mullen Rd	Belton	64080	816-701-0613
ROM	6800 E 163rd St	Belton	64012	816-550-6723
The Home Depot Store #3029	1306 E North Ave	Belton	64012	816-775-9347
United Rentals Branch 735	6905 E 163rd St	Belton	64012	816-302-5122
Enbridge - Gunn Station	32701 E 291st	Garden City	64747	800-858-5253
Garden City Co	260 W 1st St	Garden City	64747	913-238-3440
Archie Substation	21209 E 307th St	Harrisonville	64701	816-701-0613
Church & Dwight Co Inc Harrisonville	1607 Anaconda Rd	Harrisonville	64701	301-944-4869
Mokan Seed & Chemical LLC	27302 S Brookhart Dr	Harrisonville	64701	816-258-7449
Mokan Seed & Chemical LLC - Farm Site	29616 S State Rt DD Hwy	Harrisonville	64701	816-258-7449
Nutrien Ag Solutions 5529	1506 W Mechanic St	Harrisonville	64701	660-998-5216
Wal-Mart Grocery Dc #6065	5100 Brookhart Dr	Harrisonville	64701	479-204-3911
West Central Agri Services - Harrisonville	28101 S State Route Tt	Harrisonville	64701	816 718 5092
Peculiar CO	218 W Broadway	Peculiar	64078	913-238-3440
Sioux Chief - Peculiar	24110 S Peculiar Dr	Peculiar	64078	816-535-7265
South Harper Peaking Facility	24400 S Harper Rd	Peculiar	64078	816-520-6050
Southcrest Generator & Remote	10401 E 235 St	Peculiar	64078	913-238-3440
Verizon Wireless - Cell Site (ID:37140)	19500 E 236th St	Peculiar	64078	800-386-9639
Centurylink - Pleasant Hill Co	312 Cedar	Pleasant Hill	64080	866-864-2251
Dogwood Energy Facility	25111 E 175th St	Pleasant Hill	64080	***Unavailable***
Pleasant Hill Substation	25107 175th St	Pleasant Hill	64080	816-701-0613
Ralph Green Plant	101 Front St	Pleasant Hill	64080	816-520-6050
Sam's Club #8243	141 N Dean Ave	Raymore	64083	479-204-3911

Table A-28: Missouri EHS Tier II Facility Emergency Contacts, Clay County (2020)

EHS Facility Name, Clay County	Street	Town/City	Zip	24-Hour Phone
Evergy - Claycomo Substation	1302 Claycomo Rd	Claycomo	64068	801-701-0613
Ford Motor Company - Kansas City Assembly Plant	8121 E Hwy 69	Claycomo	64119	***Unavailable***
AT&T - EO8210	216 W Broadway	Excelsior Spring	64024	816-572-7299
American Italian Pasta Company	1000 Italian Way	Excelsior Springs	64024	559-907-4789
Magna Seating	301 S McCleary Rd	Excelsior Springs	64024	816-286-7787
Verizon Wireless - Excelsior Springs: Cell Site (ID:267560)	1120 Tracy Ave	Excelsior Springs	64024	800-386-9639
AT&T - EO8215	5112 Antioch Rd	Gladstone	64119	816-289-8134
The Home Depot Store #3008	4949 Old Pike Rd	Gladstone	64118	816-719-1962
Verizon Wireless - Gladstone: Cell Site (ID:37039)	6803 NE Antioch Rd	Gladstone	64119	800-386-9639
Verizon Wireless - Oakwood Manor (ID:3903942)	5925 N Flora Ave	Gladstone	64118	800-386-9639
Centurylink - Holt Co	574 1/2 Third St	Holt	64048	866-864-2251
AT&T - EE1032	324 E 11th St	Kansas City	64106	816-572-7299
AT&T - EO8245	100 NE Barry Rd	Kansas City	64155	816-289-8134
Bartlett Grain Company, LP - KCT	5801 Birmingham NE	Kansas City	64117	816-260-2583
Cummins Sales and Service	8201 NE Parvin Rd	Kansas City	64161	816-266-8681
Evergy-Northland Service Center	8325 N Platte Purchase Dr	Kansas City	64118	816-701-0613
Fedex Ground - Kansas City 644	12501 NE 40th St	Kansas City	64161	832-727-3571
J B Hunt Transport Services, Inc	9001 NE Birmingham Rd	Kansas City	64161	479-659-8572
Kansas City Grease	115 W 26th Ave	Kansas City	64116	816-560-9595
KCMO Water Treatment Plant	1 NW Briarcliff Rd	Kansas City	64116	816-513-7050
MO-5517_Charter Communications	4002 N Cherry	Kansas City	64116	608-598-9397
MO-703_Charter Communications	4002 N Cherry	Kansas City	64116	816-922-9625
Sam's Club #6247	8130 N Church Rd	Kansas City	64158	479-204-3911
Sam's Club #8207	5110 North Oak Trfy	Kansas City	64118	479-204-3911
The Home Depot Store #3019	8598 N Church Rd	Kansas City	64158	816-698-9213
Vanguard Packaging	8800 NE Underground Dr	Kansas City	64161	816-565-1059
Verizon Wireless - KCYC Chouteau & Parvin (Harrahs): Cell Site (ID:37137)	4008 NE 35th St	Kansas City	64117	800-386-9639
Verizon Wireless - New Mark (ID:8993643)	1702 NE 106th St	Kansas City	64155	800-386-9639
Verizon Wireless - Cell Site (ID:38566)	4225 NE Antioch Rd.	Kansas City	64119	800-386-9639
Bank Of America - Kansas City Ops Center	2001 NE 46th St	Kansas City	64116	816-510-3508

EHS Facility Name, Clay County	Street	Town/City	Zip	24-Hour Phone
Kansas City FC Annex	12441 NE 41st St	Kansas City	64161	816-504-2180
Kansas City Warehouse	12600 NE 40th St Suite 300	Kansas City	64161	816-332-0444
Centurylink - Kearney Co	105 E Main	Kearney	64060	866-864-2251
Consolidated Communications	303 N Jefferson	Kearney	64060	913-238-3440
Mr. Dell's Foods, LLC	Po Box 494	Kearney	64060	816-509-7270
Plygem, Inc	303	Kearney	64006	419-320-4401
AT&T - EO8230	134 N Gallatin	Liberty	64068	816-289-8134
Douglas Products	1550 E Old 210 Hwy	Liberty	64068	816-854-9384
Hallmark Liberty Distribution Center	2101 N Lightburne St	Liberty	64068	309-868-5046
Liberty South Substation	2000 Birmingham Rd	Liberty	64068	816-701-0613
Verizon Wireless - Liberty: Cell Site (ID:37459)	700 N Church Rd	Liberty	64068	800-386-9639
Nashua Sub	Hwy 169 & NW 132nd St	Nashua	64144	816-701-0613
Fujifilm Manufacturing USA, Inc	20 W 14th Ave	N. Kansas City	64116	913-548-3956
Fujifilm North America Corporation	1424 Atlantic St	N. Kansas City	64116	816-854-0388
Graham Packaging	1253 Murray Dr	N. Kansas City	64116	816-853-0770
Ingredion Inc	1001 Bedford Ave	N. Kansas City	64116	412-352-0927
Sunbellt Rentals Pc 121	1040 Burlington St	N. Kansas City	64116	816-423-8220
Tnemec Company, Inc	123 W 23rd Ave	N. Kansas City	64116	800-535-5053
USG Corporation	1115 Armour Rd	N. Kansas City	64116	816-918-0235
Veseris	1123 Bedford Ave	N. Kansas City	64116	214-676-7636
North Kansas City (Avondale) Yard	2100 Nodaway St	N. Kansas City	64116	816-516-7294
Polynt Composites USA, Inc	1412 Knox St	N. Kansas City	64116	816-504-7128
Bunzl Processor Distribution, LLC	5710 NW 41st St	Riverside	64150	816-728-3710
Riverside Substation	4101 N Tullison	Riverside	64117	816-701-0613
AT&T - EO8270	601 S Commercial	Smithville	64089	816-289-8134
MO-723_Charter Communications	2607 92nd Hwy	Smithville	64089	816-922-9625

Table A-29: Missouri EHS Tier II Facility Emergency Contacts, Jackson County (2020)

EHS Facility Name, Jackson County	Street	Town/City	Zip	24-Hour Phone
AT&T - EO5124	300 SW 15th St	Blue Springs	64106	816-289-8134
Duncan Rd Sub	30111 E Duncan Rd	Blue Springs	64120	816-701-0613
The Home Depot Store #3024	905 NE Adams Dairy Pkwy	Blue Springs	64120	816-728-3477
Verizon Wireless - Moore - (ID:21479300)	1112 SW Walnut St	Blue Springs	64056	800-386-9639
Centurylink - Buckner Co	220 N Hudson	Buckner	64024	866-864-2251
Alstom - Grain Valley	2712 Dillingham Rd	Grain Valley	64120	816-728-9682
Dc 840 - Blue Springs	2015 NE Jefferson St	Grain Valley	64105	816-309-0726
Corbion	13830 Botts Rd	Grandview	64126	816-800-1037
Mission Plastics North	4202 E 135th St	Grandview	64106	636-577-4961
MO-702_Charter Communications	5800 E 127th St	Grandview	64120	913-927-3097
Peterson Manufacturing Company	4200 E 135th St	Grandview	64055	636-577-4961
Sika Corp.-Grandview, MO	14201 Botts Rd	Grandview	64155	816-602-5169
Silgan Dispensing	11901 Grandview Rd	Grandview	64055	816-289-7012
Verizon Wireless - Hodgepodge (ID:16479855)	14300 Byars Rd	Grandview	64111	800-386-9639
Verizon Wireless - Truman Corners: Cell Site (ID:37609)	5301 Martha Truman Rd	Grandview	64082	800-386-9639
Greenwood Energy Center	14015 S Smart	Greenwood	64057	816-520-6050
(2545) 2999 E Geospace Dr	2999-3011 E Geospace Dr	Independence	64120	816-545-8072
Aero Transportation Products, Inc	3300 E Geospace Dr	Independence	64056	816-698-6695
AT&T - EE0005	16900 E US Hwy 40	Independence	64120	816-289-8134
AT&T - EO5163	19104 Bundschu	Independence	64120	816-289-8134
AT&T - EO5194	16880 E 40 Hwy	Independence	64145	816-289-8134
AT&T - EO6197	215 N Spring Ave	Independence	64120	816-289-8134
Atherton Wastewater Treatment Plant	21208 E Old Atherton Rd	Independence	64120	816-699-7348
BCS - Independence	1600 N 291 Hwy, Suite 140B	Independence	64056	816-818-4081
Blue Valley Power Plant and Service Center	21500 E Truman Rd	Independence	64015	816-365-2378
Comcast Independence Headend & Engineering Office	4700 Little Blue Pkwy	Independence	64066	816-918-3138
Costco Wholesale #373	19040 E Valley View Pkwy	Independence	64029	801-318-2962
Detray Plating Works	10405 E 11TH St S	Independence	64108	816-591-8965
Independence Distribution Center-Carefree	1600 N M-291, Units 1150, 1012, 1010, 975, 925	Independence	64030	309-868-5046

EHS Facility Name, Jackson County	Street	Town/City	Zip	24-Hour Phone
Independence, MO Satellite Switch	2301 S Savage St	Independence	64030	913-687-1077
Lake City Army Ammunition Plant	25201 E 78 Hwy	Independence	64050	816-796-7101
Ronson Machine & Manufacturing, Inc	16200 E US Hwy 24	Independence	64056	816-651-6453
Sam's Club #8293	4100 S Bolger Rd	Independence	64106	479-204-3911
The Home Depot Store #3006	4210 S Lees Summit Rd	Independence	64106	816-423-1279
Unilever Manufacturing (US), Inc	13000 E 35th St	Independence	64055	816-326-6300
Verizon Wireless - Ethel: Cell Site (ID:36852)	1810 S M 291 Hwy	Independence	64050	800-386-9639
Verizon Wireless - KCYC Space Center Storage (ID:17700034)	355 S Geospace Dr	Independence	64056	800-386-9639
Xpo Logistics-Imo	25201 E 78 Hwy	Independence	64056	336-309-3464
Smart Warehousing LLC	16500 E Truman Rd	Independence	64050	816-590-9035
Independence	3801 S Selsa Rd	Independence	64057	816-503-3780
Evergy	801 Charlotte St	Kansas City	64106	816-654-1499
Geodis Logistics, LLC	8600 NE Underground	Kansas City	64024	816-545-8072
Geodis Logistics, LLC	4101 and 4110 Empire Rd	Kansas City	64120	816-274-1460
Keystone - Kansas City (Distribution Center)	101 N Belmont Blvd	Kansas City	64123	816 410-3908
RDC	1102 Grand Blvd	Kansas City	64106	405-600-6343
Advantage Metals Recycling LLC - Manchester	3005 Manchester Trfy	Kansas City	64129	816-808-4711
Amazon.Com Services LLC - DMC2	3601 Enterprise Dr	Kansas City	64129	719-691-1628
AT&T - EE1016	1425 Oak St	Kansas City	64106	816-289-8134
AT&T - EE3235	1102 Grand Blvd	Kansas City	64106	816-572-7299
AT&T - EE4000	5903 E Red Bridge Rd	Kansas City	64134	816-289-8134
AT&T - EO2037	3901 Montgall	Kansas City	64130	816-572-7299
AT&T - EO2054	107 E 39th St	Kansas City	64111	816-572-7299
AT&T - EO2165	6213 Holmes St	Kansas City	64110	816-572-7299
AT&T - EO5207	11021 Holmes	Kansas City	64110	816-289-8134
AT&T - EO6099	1123 Cleveland Ave	Kansas City	64127	816-572-7299
AT&T - EO6373	1101 Mcgee St	Kansas City	64106	816-572-7299
AT&T - MO3980	2121 E 63rd St @ Bldg A	Kansas City	64130	816-572-7299
AT&T - USID13670	1800 Cleaver II Blvd	Kansas City	64130	800-638-2822
AT&T - USID136995	1 Hank Stram Way	Kansas City	64129	800-638-2822
AT&T - USID58382	10318 E 43rd St	Kansas City	64133	800-638-2822
AT&T - USID58457	301 W 13th St	Kansas City	64105	800-638-2822
AT&T - USID78894	1044 Main St	Kansas City	64105	800-638-2822
AT&T - USID8561	918 E 9th St	Kansas City	64106	800-638-2822

EHS Facility Name, Jackson County	Street	Town/City	Zip	24-Hour Phone
Batliner Recycling	2501 Front St	Kansas City	64120	816-260-9528
BCS - Hawthorn	8400 Hawthorne Rd	Kansas City	64120	816-242-2385
Blue Beacon of Kansas City	1201 N Corrington Ave	Kansas City	64120	785-342-6889
Brenntag Mid-South, Inc - Kansas City-S	5200 Stillwell Rd	Kansas City	64120	816-812-3847
Broadridge Financial Solution - KC	2600 Southwest Blvd	Kansas City	64108	816-435-3333
Cargill, Incorporated	2306 Rochester Ave	Kansas City	64120	816-550-5630
Carroll's LLC dba NTW #3091	1491 Universal Ave	Kansas City	64120	***Unavailable***
Catalent Pharma Solutions, Kansas City	10245 Hickman Mills Dr	Kansas City	64137	816-767-6300
Centurylink - Kansas City T1	711 E 19th St	Kansas City	64108	866-864-2255
Centurylink - Kansas City Lightcore	1401 Charlotte St	Kansas City	64106	866-864-2251
Costco Wholesale #1268	1600 NW 88th St	Kansas City	64155	831-261-1546
Costco Wholesale #375	241 E Linwood Blvd	Kansas City	64111	586-604-4428
Custom Truck One Source	7101 Independence Ave	Kansas City	64125	816-500-8824
Del Monte Fresh Produce	6311 Deramus Ave	Kansas City	64120	515-868-1071
EnerSys	1260 N Corrington Ave	Kansas City	64120	816-920-6020
Evergy - Blue Valley Substation 53	7801 US Hwy 24	Kansas City	64125	816-701-0613
Evergy-Manchester Service Center	4400 E Front St	Kansas City	64106	816-719-1015
Evergy-One Kansas City Place	1200 Main	Kansas City	64105	816-719-1015
Foley Equipment Co	5701 E 87th St	Kansas City	64132	503-931-9061
General Mills, Inc	2917 Guinotte Ave	Kansas City	64120	6202182788
Hallmark Cards, Inc	2501 McGee St, Mail Drop	Kansas City	64141	***Unavailable***
Hawthorn	8700 E Front St	Kansas City	64120	816-242-3453
Hiles Plating Co, Inc	2028 Broadway Blvd	Kansas City	64108	8169163300
Kansas City FC	1400 N Cambridge Ave	Kansas City	64120	816-560-5421
Kansas City Switch	2709 Cherry St	Kansas City	64108	877-611-5868
Kansas City, MO Core Switch	101 Holmes St	Kansas City	64106	913-687-1077
KC Star Substation	1719-1725 Grand Ave	Kansas City	64108	816-701-0613
Kcnsc Botts	14520 Botts Rd	Kansas City	64147	816-488-3417
Kcnsc Building 23	14901 Andrews Rd	Kansas City	64147	816-488-3417
Kcsr-Knoche Rail Yard	4747 E Front St	Kansas City	64120	816-769-5484
Level 3 Communications - 1100 Grand	1100 Grand Blvd, Suite 300	Kansas City	64106	866-864-2255
Level 3 Communications - 1100 Main	1100 Main	Kansas City	64105	866-864-2255
Level 3 Communications - 1100 Walnut Kansas City	1100 Walnut St, Suite 500	Kansas City	64105	866-864-2255
Level 3 Communications - Kansas	1104 Virgina	Kansas City	64106	866-864-2255
Level 3 Communications - Kansas	1212 E 19th St	Kansas City	64108	866-864-2255

EHS Facility Name, Jackson County	Street	Town/City	Zip	24-Hour Phone
Mars Petcare - Greenies	1315 N Chouteau Trfy	Kansas City	64120	816-401-7161
MCI - Inpdmo (Moinpdmo)	2100 A Stark St	Kansas City	64126	800-386-9639
MCI - Kctrmo (Mokctrmo)	324 E 11th St 4th & 6th Floor	Kansas City	64106	800-386-9639
MCI - Kcydmo (Mokcydmo)	1100 Main St Ste 1150	Kansas City	64105	800-386-9639
Mckesson Corporation DC #3/B Med Surg	1405 N Chouteau St	Kansas City	64120	816-916-6670
Milbank Manufacturing Kansas City	4801 Deramus Ave	Kansas City	64120	513-417-7221
Missouri Plant	2800 E Truman Rd	Kansas City	64127	816-308-8363
Missouri Plating Company	7001 E 13th St	Kansas City	64126	913-208-6500
MO-705_Charter Communications	4608 E 27th St	Kansas City	64128	816-922-9625
MO-707_Charter Communications	1606 E 8th St	Kansas City	64106	816-922-9625
MO-709_Charter Communications	7006 E Bannister Rd	Kansas City	64138	913-927-3097
MO-710_Charter Communications	13121 Womall Rd	Kansas City	64145	913-927-3097
MO-712_Charter Communications	6550 Winchester Ave	Kansas City	64133	816-922-9625
MO-716_Charter Communications	10005 E 47th St	Kansas City	64133	816-922-9625
MO-717_Charter Communications	8228 NE Flagor Rd	Kansas City	64118	816-922-9625
MO-718_Charter Communications	7923 Prospect Ave	Kansas City	64132	913-927-3097
Monca UPS Supply Chain Solutions	1010 N Century Ave	Kansas City	64120	816-242-0257
Niagara Bottling, LLC	4000 E 149th St	Kansas City	64147	909-223-6632
Northeast Station	920 N Olive	Kansas City	64120	816-590-4102
Owens And Minor-DC 85	1800 Southern Rd	Kansas City	64120	816-721-8564
Paseo Cargill Energy, LLC	2111 Nicholson Ave	Kansas City	64120	816-550-5630
Paulo Products Company	4827 Chelsea Ave	Kansas City	64130	816-382-8853
Pick-N-Pull Truman Rd	8012 E Truman Rd	Kansas City	64126	816-914-8184
Pick-N-Pull Winner Rd	7700 E Winner Rd	Kansas City	64125	816-721-3685
Pitney Bowes Presort Services	6301 Equitable Rd	Kansas City	64120	816-352-7997
Preston Refrigeration	6100 Stilwell St	Kansas City	64120	913-832-6080
Quality Finishing Industries, Inc	6015 Manchester Trfy	Kansas City	64130	816-405-9893
Sioux Chief - Kansas City	14940 Thunderbird Rd	Kansas City	64147	816-535-7265
Smithfield Packaged Meats Corp.	13825 Wyandotte	Kansas City	64145	606-923-4798
Southern Glazer's Wine and Spirits of MO	6201 Stilwell St	Kansas City	64120	417-818-6257
SP Richards Company	8750 Elmwood, Suite 400	Kansas City	64132	614-214-3832
Sun Chemical	6989 NE Corporate Dr	Kansas City	64120	816-423-1789
Swope Substation	6330 E 63rd Trfy	Kansas City	64111	816-701-0613
Tension (HQ)	819 E 19th St	Kansas City	64108	785-713-1552
The Home Depot Store #3021	111 E Linwood Blvd	Kansas City	64111	816-406-8064
The Home Depot Store #3016	4707 E Bannister Rd	Kansas City	64137	816-872-8793

EHS Facility Name, Jackson County	Street	Town/City	Zip	24-Hour Phone
US Plating & Surface Finishing, Inc	1341 Montgall Ave	Kansas City	64127	816-916-3576
UFP Harrisonville, LLC - Kansas City Facility	3500 E 149th St	Kansas City	64147	913-444-0197
United Rentals Branch 48m	533 Mexico City Ave	Kansas City	64153	816-446-9161
Valicor Environmental Services-KC	1717 N Topping Ave	Kansas City	64120	816-833-9010
Verizon Wireless - Gilham Rd (ID:9829237)	3004 Cherry St	Kansas City	64109	800-386-9639
Verizon Wireless - Graceland - Rocky&Sons (ID:9879890)	5413 Prospect Ave	Kansas City	64130	800-386-9639
Verizon Wireless - KC Museum (ID:1738176)	5022 E 10th St	Kansas City	64106	800-386-9639
Verizon Wireless - KCY 1102 Grand: Switch (ID:6232753)	1102 Grand Ave, Suite 1220	Kansas City	64106	800-386-9639
Verizon Wireless - Martin City: Cell Site (ID:37612)	417 E 135th St	Kansas City	64145	800-386-9639
Verizon Wireless - Meyer Condo: Cell Site (ID:437120)	333 W Meyer Blvd	Kansas City	64113	800-386-9639
Verizon Wireless - Raytown: Cell Site (ID:265311)	9319 B E 350 Hwy	Kansas City	64133	800-386-9639
Verizon Wireless - Research Medical Center: Cell Site (ID:38177)	2316 E Meyer Blvd	Kansas City	64132	800-386-9639
Verizon Wireless - Rockhurst (ID:1037593)	9251 State Line Rd	Kansas City	64114	800-386-9639
Verizon Wireless - Royal Chief: Cell Site (ID:38266)	4813 Raytown Rd	Kansas City	64133	800-386-9639
Verizon Wireless - Southwest Blvd: Cell Site (ID:265323)	2748 Southwest Blvd	Kansas City	64108	800-386-9639
Verizon Wireless - Sprint Center Das - A (ID:28358605)	1407 Grand Blvd	Kansas City	64106	800-386-9639
Verizon Wireless - Swope (ID:28227768)	6751 Booth Ave	Kansas City	64133	800-386-9639
Victory Packaging	12505 NE 41st Suite 100	Kansas City	64161	816-820-4218
Virbac KC Warehouse - Subtropolis	8300 NE Underground Dr Pillar 302	Kansas City	64141	***Unavailable***
Windstream McLeodUSA Kansas City	1201 Troost Ave	Kansas City	64106	800-345-4484
XPO Logistics	1491 Universal Ave	Kansas City	64120	816-510-8263
Zeco - Kansas City	2915 Nicholson Ave	Kansas City	64120	423-582-0062
Wiese USA	5900 Deramus	Kansas City	64120	316-365-8275
AT&T - EE8324	777 NW Blue Pkwy	Lee's Summit	64086	913-207-2137
AT&T - EO5156	202 SE 3rd St	Lee's Summit	64063	913-207-2137
IPL USA Inc	401 SE Thompson Dr	Lee's Summit	64082	816-730-7292

EHS Facility Name, Jackson County	Street	Town/City	Zip	24-Hour Phone
Sunbelt Rentals PC 236	20 SE 29th Terr	Lee's Summit	64082	816-366-1001
The Home Depot Store #3026	651 SE Oldham Pkwy	Lee's Summit	64081	402-517-5402
Verizon Wireless - Cell Site (ID:37456)	900 Blue Pkwy	Lee's Summit	64063	800-386-9639
CVS Caremark Of148 Call Center #22063	800 NW Chipman Rd Ste 5830	Lee's Summit	64063	865-318-3365
Evergy-Lee's Summit Operations Center	750 S Missouri Rd	Lee's Summit	64086	816-719-1015
Lee's Summit, MO Data Center	800 NW Technology Dr	Lee's Summit	64086	816-313-9244
MO-720_Charter Communications	421 SW Market St	Lee's Summit	64063	913-927-3097
Reinhart Foodservice Kansas City	290 SE Thompson Dr	Lee's Summit	64082	816-547-4139
MFA Bulk Plant - Levasy	36906 E Hwy 24	Levasy	64066	660-584-3676
Level 3 Communications - Elm/Lone Jack	14019 Hut Rd	Lone Jack	64070	866-864-2255
Penny's Concrete	13520 Oak St	Martin City	64145	785-423-1516
Carrier Enterprise - Store 3933	2610 NE Industrial Dr, Suite 200	N. Kansas City	64117	***Unavailable***
PBI-Gordon Corporation-Quebec Warehouse	1300 Quebec	N. Kansas City	64116	785-242-2990
United Rentals Branch 639	1110 Quebec St	N. Kansas City	64116	816-446-9161
Blue Beacon Truck Wash of Oak Grove	306 NW 1st St	Oak Grove	64075	260-385-6131
Verizon Wireless - Oak Grove: (ID:37931)	110 SE 4th St	Oak Grove	64075	800-386-9639
Centurylink - Oak Grove Co	1215 Broadway	Oak Grove	64075	866-864-2251
AT&T - EO5148	5828 Maywood St	Raytown	64133	816-572-7299
Alro Steel - Sedalia	1900 Rissler Rd	Sedalia	65301	517-778-3268

Table A-30: Missouri EHS Tier II Facility Emergency Contacts, Platte County (2020)

EHS Facility Name, Platte County	Street	Town/City	Zip	24-Hour Phone
AT&T - MO7830	1m North of Grain Elevator	Farley	64028	800-566-9347
AT&T - EO5122	104th And Amity Rd	Kansas City	64116	816-289-8134
Bunzl Distribution Midcentral, Inc	10551 N Congress Ave	Kansas City	64153	425-213-2582
Centurylink - Ferrelview Co	9200 NW 119th Terr	Kansas City	64153	866-864-2251
Challenge Manufacturing Plant 7	10501 Transcon Dr	Kansas City	64153	906-360-7463
CVS Midwest Dc	10711 N Congress Ave	Kansas City	64153	816-500-2670
Enterprise Data Center- Kansas City	11155 NW Airworld Dr	Kansas City	64153	816-352-5666
Kansas City Parts Distribution Center	11111 NW Airworld Dr	Kansas City	64153	913-710-6973
National Weather Building	7220 NW 101st Terr	Kansas City	64153	***Unavailable***
Smithfield Packaged Meats Corp	8001 NW 106 St	Kansas City	64153	816-559-1317
The Home Depot Store #8460	8900 Skyview Ave	Kansas City	64154	816-492-9726
Verizon Wireless - Golfclub: (ID:37990)	6205 Kelley Dr	Kansas City	64152	800-386-9639
Verizon Wireless - Zona Rosa (ID:18337033)	7507 NW Old Tiffany Springs Rd	Kansas City	64153	800-386-9639
Wabtec US Rail, Inc	10707 Pomona Ave	Kansas City	64153	816-377-4805
AT&T - EO8250	6407 Roanridge	Parkville	64152	816-289-8134
Centurylink - Platte City Co	612 3rd St	Platte City	64079	866-864-2251
Platte City Substation	15055 Bethel Rd	Platte City	64079	816-701-0613
Verizon Wireless - Platte City: (ID:38012)	18300 N American Ave	Platte City	64079	800-386-9639
Adient-Riverside	4101 NW Mattox Rd	Riverside	64150	785-215-1968
AT&T - MO0150	424 NW Platte Valley Dr	Riverside	64150	800-566-9347
Ruan Transport Corporation	4525 NW 41st St, Suite 200	Riverside	64150	1-800-678-3210
Victaulic-Kansas City Distribution Center	4525 NW 41st St, Suite 100	Riverside	64150	913-515-7445
Vistar	4825 NW 41st St, Suite 100	Riverside	64150	913-515-7445
Woodbridge Corporation	555 NW Platte Valley Dr	Riverside	64150	913-660-5948
Iatan	20250 Hwy 45 N	Weston	64098	816-640-3605
McCormick Distilling Co, Inc	One McCormick Ln	Weston	64098	913-370-5337
Weston, City Of, Water Plant	17750 N Bluff Rd	Weston	64098	816-609-7884

Table A-31: Missouri EHS Tier II Facility Emergency Contacts, Ray County (2020)

EHS Facility Name, Ray County	Street	Town/City	Zip	24-Hour Phone
Verizon Wireless - Lawson (ID:24986977)	19625 Hwy KK	Lawson	64062	800-386-9639
MFA AgriServices - Floyd Bulk Plant	35196 W 56th St	Orrick	64077	816 260 3888
Arnette Polymers, LLC	8905 Wollard Blvd	Richmond	64085	816-589-1443
AT&T - EO8260	216 S College	Richmond	64085	816-572-7299
Richmond Facility	201 Hwy 10 E	Richmond	64085	816-615-9754
S&L Property management LLC, DBA Richmond Cenex	415 E Main St	Richmond	64085	816-405-1850
Rhino Linings Corporation	1002 W Main St	Richmond	64085	858-232-2993
Rhino Linings Corporation	301 Industrial Dr	Richmond	64085	858-232-2993

Table A-32: Petroleum Gas Pipelines Emergency Contacts (2021)

Petroleum Gas Pipeline Operator	County of Operation	24-Hour Phone
Dogwood Energy, LLC	Cass	1-816-540-6516
City of Gardner, Kansas	Johnson	1-913-599-7589
Tallgrass Interstate Gas Transmission, LLC	Jackson, Johnson	1-877-436-2253
Missouri Gas Energy (Laclede Gas) (Spire)	Jackson, Platte, Ray, Johnson, Leavenworth	1-800-877-4173
Panhandle Eastern Pipeline Co.	Cass, Jackson, Johnson	1-800-225-3913
Enterprise Products Operating, LLC	Platte, Leavenworth	1-888-883-6308
Southern Star Central Pipeline, Inc.	Cass, Jackson, Platte, Johnson, Leavenworth, Wyandotte	1-800-324-9696
KPC Pipeline, LLC	Platte, Johnson, Wyandotte	1-800-467-2751
ONEOK NGL Pipeline LLC	Platte, Johnson, Wyandotte	1-888-844-5658
EIF KC Landfill Gas, LLC	Johnson	1-913-541-7264
AFG Industries / AGC Flat Glass North Americas, Inc.	Johnson	1-913-592-6100

Note: Additional information is available through hyper-linked pipeline operator names.

Table A-33: Petroleum Liquid Pipelines Emergency Contacts (2021)

Petroleum Liquid Pipeline Operator	County	24-Hour Phone
Enbridge, Inc.	Cass	1-800-858-5253
Phillips 66 Pipeline, LLC	Cass, Platte, Johnson, Wyandotte	1-877-267-2290
Buckeye Partners, LP	Clay, Jackson, Ray	1-800-331-4115
Magellan Pipeline Company, LP	Clay, Jackson, Platte, Johnson, Leavenworth, Wyandotte	1-800-720-2417
Sinclair Transport Company	Jackson, Ray, Johnson	1-800-321-3994
B.P. Pipeline North America	Cass, Jackson	1-800-548-6482
Enterprise Products Operating, LLC	Clay, Platte, Ray, Johnson, Leavenworth	1-888-883-6308

Note: Additional information is available through hyper-linked pipeline operator names.

Table A-34: Rail Operator Emergency Contacts (2021)

Company Name	Industry Abbreviation	Railroad Class	24-Hour Phone
Belton-Grandview-Kansas City Railroad	BGKX	Short Line/Tourist	816-331-0630
Burlington Northern – Santa Fe Railways	BNSF	Class I	800-832-5452
Canadian Pacific Railway	CPR	Class I	800-716-9132
Dakota, Minnesota & Eastern Railroad Corporation	DME	Short Line	800-766-4357
Gunderson Northwest Inc / Greenbrier Rail Services	GBX	Short Line	503-684-7000 877-459-5440
Kansas City Southern Railway Company	KCS	Class I	877-527-9464
Kansas City Terminal Railway Company	KCTR/KCI	Short Line	816-627-0119
Kaw River Railroad (Watco)	KAW	Short Line	866-479-2826
Missouri & Northern Arkansas Railroad Company	MNA	Short Line	866-527-3499
Norfolk Southern Railway Company	NS	Class I	800-453-2530
New Century AirCenter Railroad	NCA	Short Line	913-715-6000
Union Pacific Railroad Company	UP	Class I	888-877-7267

Table A-35: Class I Railroad Intermodal Facility Emergency Contacts (2021)

Rail Operator Name	Railyard	24-Hour Phone
Burlington Northern Santa Fe Railways	Kansas City Logistics Park	800-832-5452
Kansas City Southern Railway Company	CenterPoint Intermodal Center	877-527-9464
Norfolk Southern Railway Company	Voltz Yard	800-453-2530
Union Pacific Railroad Company	Neff Yard	888-877-7267

Table A-36: Aviation Facility Emergency Contacts (2021)

Facility Name	State	County	City	24-Hour Phone
Gardner Municipal (K34)	KS	Johnson	Gardner	913-856-0914
New Century Aircenter (IXD)	KS	Johnson	Olathe	913-715-6000
Johnson County Executive (OJC)	KS	Johnson	Olathe	913-715-6000
Lawrence Smith Memorial (LRY)	MO	Cass	Harrisonville	660-422-2090
Charles B Wheeler Downtown (MKC)	MO	Clay	Kansas City	816-859-7610
Midwest National Air Center (GPH)	MO	Clay	Mosby	816-407-3392
Lee's Summit Municipal (LXT)	MO	Jackson	Lee's Summit	816-969-1800
Kansas City International (MCI)	MO	Platte	Kansas City	816-243-5248
Excelsior Springs Memorial (3EX)	MO	Ray	Excelsior Springs	816-678-3667

Table A-37: State Environmental Response Agencies (2021)

Agency	Personnel	Email	Phone	24-Hour Spill Line
Kansas Department of Health and Environment	**Joseph Dom** – Assessment and Restoration	joe.dom@ks.gov	785-296-1914	785-291-3333 kdhe.spillhotline@ks.gov
	Darryl Morgan – Bureau of Environmental Remediation	darryl.morgan@ks.gov	785-296-8065	
	Delbert Smith – Spills Response Program	delbert.smith@ks.gov	785-368-7301	
Missouri Department of Natural Resources	**Brad Harris** – Environmental Emergency Response Chief	brad.harris@dnr.mo.gov	573-526-4794	573-634-2436
	Alan Cortvrient – Environmental Emergency Response Chief	alan.cortvrient@dnr.mo.gov	573-526-3372	573-634-2436

Table A-38: Frequently Called Numbers – Information & Support Services (Alphabetical Listing)

Agency/Organization/Department/		Phone
Alcohol, Tobacco, and Firearms (ATF), Bureau of		888-283-8477
American Red Cross (National)		800-733-2767
American Petroleum Industry		202-682-8000
Ammonia Safety and Training Institute		813-453-7102
Asbestos (TSCA Hotline)		202-554-1404
Asbestos (Abatement/Management Ombudsman)		800-368-5888
Agency for Toxic Substances & Disease Registry (ATSDR)		770-488-7100
ATSDR Region 7 (Superfund)	**Erin Evans** – Regional Director	913-551-1311
	Cory Kokko – Regional Representative	913-551-1312
Pediatric Environmental Health Specialty Unit (PEHSU) Region 7		800-421-9916
Arson (ATF—Washington, D.C.)		888-283-3473
Bomb (ATF—Washington, D.C.)		888-283-2662
Bureau of Explosives	Bureau of Explosives via CHEMTREC	800-424-9300
CHEMTREC		**24-Hour:** 800-424-9300
		703-741-5500
Chemical Manufacturers Association		202-887-1255
(American) Chemistry Council		202-249-7000
Civil Support Teams (CST), Weapons of Mass Destruction	Kansas 73rd CST	785-646-0961 / 0965
	Missouri 7th CST	573-659-1402 / 1403
Chlorine Institute		202-775-2790
Clean Air Control Technology Center		919-541-0800
Consumer Product Safety Commission		800-638-2772
Continuous Release Reporting (Region 7 EPA)	**Christine Hoard**	913-551-7775
Criminal Investigation Division (CID, Region 7 EPA)		913-551-7999
Department of Energy (DOE), Kansas City Field Office		816-488-3341
Department of Interior, Denver (includes KS and MO)	**Courtney Hoover**	303-980-3944
Department of Transportation (DOT) Haz Mat Information Center		800-467-4922
Domestic Preparedness Chemical/Biological Helpline		800-368-6498

Agency/Organization/Department/		Phone
Drug Enforcement Administration (DEA) Registration Numbers		888-803-1179
Emergency Medical Services, Bureau of	Kansas	785-296-7296
	Missouri	573-751-6356
EPA Hotline (RCRA, Superfund, EPCRA)		800-424-9346
EPA Region 7 Customer Services Line		800-223-0425
Explosives, Bureau of; Transportation Tech. Center, Inc.	**David Cackovic**	719-585-1880
Federal Bureau of Investigation (FBI)		202-324-3000
FBI - Weapons of Mass Destruction (WMD) and Hazardous Materials Incidents: Kansas City Division	Supervisor	816-512-8200
	Haz-Mat Team Special Agent, **Dana Kreeger**	816-512-8680
	(WMD) Coordinator, **Dana Kreeger**	816-512-8680
FIFRA Region 7 (Notify FIFRA of all spills reported involving PCB's, insecticides, herbicides, and pesticides)	**Royan Teter**	913-551-7609
Freon	See chlorofluorocarbons (CFC)	913-551-7075
Hazardous Materials Team Request, Kansas	Office of the State Fire Marshal**, Doug Jorgensen**	785-296-3401
	Emergency Response, **Dirk Christian**	785-296-4239 dirk.christian@ks.gov
	Media Information	785- 296-3403
	Toll-Free HazMat Hotline	866-KHAZMAT 866-542-9628
Hazardous Waste:	KDHE	785-296-1600
	MDNR	800-361-4827 573-751-5401
Household Hazardous Waste—EPA Region 7		913-551-7621
Household Hazardous Waste Offices—Kansas City Metropolitan Area	Wyandotte County, Kansas	913-573-5400
	Kansas City, Missouri Facility (Deramus Ave)	816-513-8400
	Lee's Summit, Missouri Facility (Lee's Summit Resource Recovery Park)	816-550-1612
	Johnson County, Kansas	913-715-6907
Indoor Air Quality Issues (mold, formaldehyde)		913-551-7718
Kansas Corporation Commission District # 3	JO, LV, and WY Counties	620-902-6450
Kansas Department of Health & Environment (KDHE) Bureau of Waste Mgmt www.kdheks.gov/waste		785-296-1500

Agency/Organization/Department/		Phone
KDHE Northeast District Office (JO, LV, and WY Counties) **800 West 24th Street** **Lawrence, Kansas 66046-4417**	**Tom Winn** – Northeast District Environmental Administrator	785-842-4600 kdhe.nedoadmin@ks.gov
Kansas Division of Emergency Management (KDEM) Regional Coordinators	Kansas City Metro Coordinator	785-646-2000
	Steve Harsha – Northeast Regional Coordinator (JO, LV, and WY Counties)	785-646-2516 stephen.k.harsha.nfg@mail.mil
Lead/Lead-Based Paint	For programmatic questions – **Crystal McIntyre**	913-551-7261
	Lead Hotline – National Lead Information Center	800-424-5323
	Kansas Healthy Homes & Lead Hazard Prevention Program	866-865-3233 lead@kdheks.gov
	Missouri Department of Health & Senior Services	573-526-5873 (toll-free) 888-837-0927 lead@health.mo.gov
Missouri Department of Natural Resources (MDNR) **www.dnr.mo.gov**		800-361-4827
National Pesticides Information Center **http://npic.orst.edu**		800-858-7378
National Response Center		**24-Hour:** 800-424-8802
National Weather Service (Pleasant Hill, Missouri)		816-540-6021
NIOSH Technical Information		800-356-4674
NIOSH - Health Hazard Evaluation Laboratory **http://www.cdc.gov/niosh/hhe/request.html**		513-841-4382 800-232-4636
Nuclear Regulatory Commission (Region 4: Arlington, TX)		817-860-8100
Odor/Dust Complaints (non-emergency responses) refer to EPA contacts:	Kansas - **Joe Terriquez**	913-551-7105
	Missouri - **Lisa Gotto**	913-551-7210
Office of Pipeline Safety		816-329-3800
Occupational Safety & Health Administration (OSHA)	Region 7 Office in Kansas City	816-283-8745
	Kansas City, MO Area Office	816-483-9531
	National Emergency Hotline	800-321-6742
OSHA Hot-Line		800-321-6742
Polychlorinated biphenyls (PCB)	**Annah Murray**	913-551-7895
	Marc Matthews	913-551-7517

Agency/Organization/Department/		Phone
Pesticide Disposal Programs in Region 7 States	KDHE	785-564-6488
	MDNR	800-361-4827
Pesticides (see FIFRA)	Jamie Green	913-551-7139
	Consumer Information (National Pesticides Information Center)	800-858-7378
Public Health Services, U.S. Department of Health and Human Services		816-426-3294
RCRA ID Numbers:	**Kansas, Stacey Smith, (KDHE)** https://www.kdheks.gov/waste/forms/hazwaste/gen505-hw_notify_instr.pdf	785-296-0005 stacey.smith@ks.gov
	Missouri, David Green, (MDNR) http://dnr.mo.gov/forms/780-1164-f.pdf	800-361-4827 david.green@dnr.mo.gov
Radiation	**Charles Hooper**	913-551-7271
Radiation (Radon) – Kansas (KDHE)	Radiation Control Program Director	785-296-4359
	Radon Program Supervisor	785-296-8293
	Education & Outreach	800-693-5343
	Radiation Emergencies (KDEM)	785-296-3176
	Radon Hotline	800-693-5343
Radiation (Radon) – Missouri (MDHSS)	Health Standards & Licensure	573-751-6083
	State Radon Officer	573-751-6102
Radon (EPA Hotlines)	General Public Inquiries/Customer Service	800-557-2366
	Purchase radon test kits by phone	800-767-7236
	Radon Fit-It Hotline (reducing radon level in your home)	800-644-6999
	Safe Drinking Water Hotline	800-426-4791
Recycling Information:	Kansas (KDHE) – **Brian Burbeck**	785-296-1613
	Missouri (Kansas City Metropolitan Area):	816-513-9970
Region 7 Spill Line		913-281-0991
Road Conditions	Kansas (http://511.ksdot.org)	866-511-5368 511
	Missouri (www.modot.org)	888-275-6636
	Kansas City Scout (http://www.kcscout.net/Default.aspx)	816-607-2000
State Emergency Management (SEMA) Coordinator (Missouri)	Area A, **Gloria Brandenburg**	573-645-6646

Agency/Organization/Department/		Phone
Risk Management Plan (RMP)	Branch Chief – **Candace Bednar**	913-551-7562
	Enforcement Lead – **Amber Whisnant**	913-551-7212
	Program/Outreach Lead – **Terri Blunk**	913-551-7013
Safe Drinking Water Act		800-426-4791
SARA Title III / Chemical Emergency Preparedness Program (CEPP) Hotline		800-535-0202
SARA Title III / EPCRA	Branch Chief – **Candace Bednar**	913-551-7562
	Enforcement Lead – **Amber Whisnant**	913-551-7212
	Program/Outreach Lead – **Terri Blunk**	913-551-7013
Solid Waste	Kansas (KDHE) – **Julie Coleman**	785-296-1612
	Missouri (MDNR) – **Christ Nagel**	573-680-5146
Spill Notification, State	National Response Center	**24-Hour:** 800-424-8802
	Kansas	**24-Hour:** 785-291-3333
	Missouri	**24-Hour:** 573-634-2436
Substance Identification by CAS# or Name		800-631-1884
Toxic Substances Control Act (TSCA) Assistance Service		202-554-1404
Underground Storage Tanks (Kansas)	EPA Kansas contact	913-551-7735
	Storage Tanks Section – KDHE	785-296-1678
	UST Property Redevelopment Trust Fund	785-296-1677
Underground Storage Tanks (Missouri)	EPA Missouri contact	913-551-7299
	Underground Storage Tanks – MDNR	573-751-6822
	Remediation Unit	573-751-6822
	Closure Unit	573-751-6822
	Waste Oil Disposal (MARC Recycling Info)	816-474-8326

REGIONAL RESPONSE AGENCIES/ORGANIZATIONS

Fire Departments

Table A-39: Fire Department and Ambulance Service Provider Contacts

Agency Name	Street	Town/City	ST	Zip	County	Phone
Northwest Consolidated Fire District	9745 Kill Creek Rd.	DESOTO	KS	66018	JOHNSON	913-583-3886
Leawood Fire Department	14801 Mission Rd.	LEAWOOD	KS	66224	JOHNSON	913-266-0610
Lenexa Fire Department	9620 Pflumm	LENEXA	KS	66215	JOHNSON	913-888-6380
Johnson County Fire District No. 1	490 New Century Parkway	NEW CENTURY	KS	66031	JOHNSON	913-764-7635
Johnson County Emergency Communications	11880 S. Sunset Dr.	OLATHE	KS	66061	JOHNSON	913-826-1000
Johnson County Med-Act	11811 S. Sunset Drive, Ste. 1100	OLATHE	KS	66061	JOHNSON	913-715-1950
Olathe Fire Department - Admin	1225 S. Hamilton Circle	OLATHE	KS	66061	JOHNSON	913-971-7900
Overland Park Fire Department	12401 Hemlock	OVERLAND PARK	KS	66213	JOHNSON	913-888-6066
Shawnee Fire Department	6501 Quivera Rd.	SHAWNEE	KS	66216	JOHNSON	913-631-1080
Johnson County Fire District No. 2	19120 Metcalf Ave.	STILWELL	KS	66085	JOHNSON	913-681-2764
Fairmount Township Fire Department	2624 N. 155th St.	BASEHOR	KS	66007	LEAVENWORTH	913-724-4911
Alexandria Township Fire Department	23449 Bauserman Rd.	EASTON	KS	66020	LEAVENWORTH	316-213-5594
Easton Township Fire Department	306 W. Riley St.	EASTON	KS	66020	LEAVENWORTH	913-683-2972
Ft. Leavenworth Fire and EMS	295 Biddle Blvd.	FT. LEAVENWORTH	KS	66027	LEAVENWORTH	913-684-4168
Leavenworth County Fire District No. 1	111 E. Kansas	LANSING	KS	66043	LEAVENWORTH	913-727-5844
Leavenworth County EMS	500 Eisenhower Rd., Suite 103	LEAVENWORTH	KS	66048	LEAVENWORTH	913-250-8000
Leavenworth Fire Department	3600 S. 20th St. Trafficway	LEAVENWORTH	KS	66048	LEAVENWORTH	913-682-3346

Agency Name	Street	Town/City	ST	Zip	County	Phone
Reno Township Fire Department	12755 238th St.	LINWOOD	KS	66052	LEAVENWORTH	913-416-5225
Sherman Township Fire Protection District	16935 Kreider Rd.	LINWOOD	KS	66052	LEAVENWORTH	913-301-3400
Stranger Fire Department	19501 State Ave.	TONGANOXIE	KS	66086	LEAVENWORTH	913-369-9304
Tonganoxie Fire Department	825 E. 4th St.	TONGANOXIE	KS	66086	LEAVENWORTH	913-845-2620
Tonganoxie Township Rural Fire Department	18993 McLouth Rd.	TONGANOXIE	KS	66086	LEAVENWORTH	913-845-3801
Miami County Rural Fire District No. 1 - Fontana	110 Stephens St.	FONTANA	KS	66026	MIAMI	913-849-0104
Miami County Rural Fire District No. 1 - Louisburg	205 S. Metcalf Rd.	LOUISBURG	KS	66053	MIAMI	913-837-4700
Miami County Rural Fire District No. 1 - Osawatomie	P.O. Box 37	OSAWATOMIE	KS	66064	MIAMI	913-755-2121
Miami County EMS	32765 Clover Drive	PAOLA	KS	66071	MIAMI	913-294-5010
Miami County Rural Fire District No. 1 - Paola Fire Department	202 East Wea	PAOLA	KS	66071	MIAMI	913-548-9325
Bonner Springs Fire Department	13001 Metropolitan Ave.	BONNER SPRINGS	KS	66012	WYANDOTTE	913-422-5734
American Medical Response (Wyandotte/Johnson County)	1902 Foxridge Drive	KANSAS CITY	KS	66106	WYANDOTTE	913-227-0911
Edwardsville Fire Department	698 S. 4th St.	KANSAS CITY	KS	66111	WYANDOTTE	913-422-5460
Kansas City, KS Fire Department	815 N. 6th St.	KANSAS CITY	KS	66101	WYANDOTTE	913-573-5550
Belton Emergency Services - Fire Station	16300 N. Mullen Rd.	BELTON	MO	64012	CASS	816-331-7969
Western Cass Fire Protection District	5 South Rodgers Rd.	CLEVELAND	MO	64734	CASS	816-406-0061
Creighton Fire Protection District	501 Short St.	CREIGHTON	MO	64739	CASS	816-547-8072
Drexel Fire Protection Agency	109 E. Cass St.	DREXEL	MO	64742	CASS	816-657-4700

Agency Name	Street	Town/City	ST	Zip	County	Phone
East Lynne-Gunn City Fire Protection District	713 Main St.	EAST LYNNE	MO	64743	CASS	816-869-3840
Dolan-West Dolan Fire Protection Dist.	8012 W. 8th St.	FREEMAN	MO	64746	CASS	816-899-2550
Garden City FPD and Ambulance Service	300 Main St.	GARDEN CITY	MO	64747	CASS	816-862-6366
Central Cass County Fire Protection District	2507 SE Outer Rd.	HARRISONVILLE	MO	64701	CASS	816-380-6744
Harrisonville Emergency Services	903 S. Commercial St.	HARRISONVILLE	MO	64701	CASS	816-380-8925
Life Flight Eagle	7830 N.W. 100th St.	KANSAS CITY	MO	64153	CASS	816-283-9710
West Peculiar Fire Department	200 S. Main	PECULIAR	MO	64078	CASS	816-331-0530
Pleasant Hill Fire Protection District	1300 Richland Parkway	PLEASANT HILL	MO	64080	CASS	816-540-9108
South Metropolitan Fire Protection District	611 W. Foxwood Drive	RAYMORE	MO	64083	CASS	816-331-3008
Avondale Fire Department	3007 Highway 10	AVONDALE	MO	64117	CLAY	816-453-7710
Birmingham Fire Department	507 Hardwicke	BIRMINGHAM	MO	64161	CLAY	816-455-0045
Excelsior Springs Fire Department	1120 Tracy Ave.	EXCELSIOR SPRINGS	MO	64024	CLAY	816-630-3000
Wood Heights Fire Department	5998 Highway 10	EXCELSIOR SPRINGS	MO	64024	CLAY	816-630-9428
Gladstone Public Safety	7010 N. Holmes St.	GLADSTONE	MO	64118	CLAY	
Holt Fire Protection District	160 N. Highway 33	HOLT	MO	64048	CLAY	816-320-3612
Claycomo Fire Department	333 E. US Highway 69	KANSAS CITY	MO	64119	CLAY	816-452-8392
Kearney Fire and Rescue Protection District	201 E. 6th St.	KEARNEY	MO	64060	CLAY	816-628-4122
Lawson Fire Department	402 E. 6th St.	LAWSON	MO	64062	CLAY	816-580-3903
Liberty Fire Department	200 W. Mississippi	LIBERTY	MO	64068	CLAY	816-439-4310
Fishing River Fire District	12314 4th St.	MOSBY	MO	64024	CLAY	816-628-4191

Agency Name	Street	Town/City	ST	Zip	County	Phone
North Kansas City Fire Department	1815 Howell St.	NORTH KANSAS CITY	MO	64116	CLAY	816-274-6025
Pleasant Valley Fire Department	8108 Pleasant Valley Rd.	PLEASANT VALLEY	MO	64068	CLAY	816-792-0200
Smithville Area Fire Protection District	341 Park Drive	SMITHVILLE	MO	64089	CLAY	816-532-4902
Central Jackson County Fire Protection District	805 NE Jefferson St.	BLUE SPRINGS	MO	64014	JACKSON	816-229-2522
Inter-City Fire Department	1702 Blue Ridge Blvd.	BLUE SUMMIT	MO	64126	JACKSON	816-461-9090
Fort Osage Fire District - Station 1 / Administration	400 E. Monroe St.	BUCKNER	MO	64016	JACKSON	816-650-5811
Grandview Fire Department	7005 High Grove Rd.	GRANDVIEW	MO	64030	JACKSON	816-316-4849
American Medical Response (Independence)	3121 S. Dodgion	INDEPENDENCE	MO	64055	JACKSON	816-836-1594
Independence Fire Department	950 N. Spring St.	INDEPENDENCE	MO	64050	JACKSON	816-325-7162
Kansas City Fire Department Medical Bureau - Fire & EMS Dispatch	6750 Eastwood Trafficway	KANSAS CITY	MO	64129	JACKSON	816-924-1700
Kansas City, MO Fire Department	635 Woodland Ave., Suite 2100	KANSAS CITY	MO	64106	JACKSON	816-513-4647
Lake Lotawana Fire Department	101 Lotawana Drive	LAKE LOTAWANA	MO	64086	JACKSON	816-578-4211
John Knox Village Ambulance	400 N.W. Murray	LEE'S SUMMIT	MO	64081	JACKSON	816-347-2862
Lee's Summit Fire Department	207 S.E. Douglas St.	LEE'S SUMMIT	MO	64063	JACKSON	816-969-1304
Prairie Township Fire Protection District	11010 Milton Thompson Rd.	LEE'S SUMMIT	MO	64086	JACKSON	816-525-4200
Lone Jack Fire Protection District	107 W. Main	LONE JACK	MO	64070	JACKSON	816-697-2018
Sni Valley Fire Protection District	1600 S. Broadway	OAK GROVE	MO	64075	JACKSON	816-690-6990
Raytown Fire Protection District	6020 Raytown Trafficway	RAYTOWN	MO	64133	JACKSON	816-737-6034
Sugar Creek Fire Department	1001 Heros Way	SUGAR CREEK	MO	64054	JACKSON	816-461-2978
Camden Point Fire Department	301 Camden St.	CAMDEN POINT	MO	64018	PLATTE	816-280-3521

Agency Name	Street	Town/City	ST	Zip	County	Phone
Dearborn Area Fire Protection District	201 S. Commercial St.	DEARBORN	MO	64439	PLATTE	816-390-2725
Edgerton-Trimble Fire Protection Dist.	500 Belt Ave.	EDGERTON	MO	64444	PLATTE	816-790-3476
Southern Platte Fire Protection District	8795 N.W. Highway	KANSAS CITY	MO	64153	PLATTE	816-741-2900
Central Platte Fire District	202 Main St.	PLATTE CITY	MO	64079	PLATTE	816-858-2231
Northland Regional Ambulance District	1000 Platte Falls Rd.	PLATTE CITY	MO	64079	PLATTE	816-828-4450
Riverside Public Safety Department	2990 N.W. Vivion Rd.	RIVERSIDE	MO	64150	PLATTE	816-741-1191
West Platte Fire Protection District	17870 Highway 45 North	WESTON	MO	64098	PLATTE	816-640-2724
Hardin Fire Department	100 E. Main St.	HARDIN	MO	64035	RAY	660-398-4673
Orrick Fire Department	502 State Hwy. Z	ORRICK	MO	64077	RAY	816-496-3902
Ray County Ambulance District	10625 Lee Holt Lane	RICHMOND	MO	64085	RAY	816-470-3030
Richmond Fire Department	101 E. Lexington St.	RICHMOND	MO	64085	RAY	816-776-2115

Law Enforcement

Table A-40: Law Enforcement Contacts

Agency Name	Street	Town/City	ST	ZIP	County	Phone
Fairway Police Department	5252 Belinder Rd	FAIRWAY	KS	66205	JOHNSON	913-262-2364
Gardner Police Department	440 E Main St	GARDNER	KS	66030	JOHNSON	913-856-0982
Lake Quivira Police Department	10 Crescent Blvd	LAKE QUIVIRA	KS	66217	JOHNSON	913-631-5300
Leawood Police Department	9617 Lee Blvd	LEAWOOD	KS	66206	JOHNSON	913-642-5555
Lenexa Police Department	23930 Prairie Star Pkwy	LENEXA	KS	66227	JOHNSON	913-888-4110
Merriam Police Department	9010 W 62nd St	MERRIAM	KS	66203	JOHNSON	913-322-5560
Mission Police Department	6090 Woodson Rd	MISSION	KS	66202	JOHNSON	913-676-8304
Johnson County Sheriff's Office	27747 W 159th St	NEW CENTURY	KS	66031	JOHNSON	913-791-5400
Johnson County Sheriff's Office	125 N Cherry	OLATHE	KS	66061	JOHNSON	913-893-6901
Kansas Highway Patrol	1220 S Enterprise St	OLATHE	KS	66061	JOHNSON	913-782-8100
Olathe Police Department	501 E 56 Hwy	OLATHE	KS	66061	JOHNSON	913-971-7500
JoCo Community College Police Dept	115 Carlsen Center	OVERLAND PARK	KS	66210	JOHNSON	913-469-4476
Overland Park Police Department	12400 Foster	OVERLAND PARK	KS	66213	JOHNSON	913-895-6000
Shawnee Mission SD Police Department	7235 Antioch Rd	OVERLAND PARK	KS	66204	JOHNSON	913-993-6452
Prairie Village Police Department	7710 Mission Rd	PRAIRIE VILLAGE	KS	66208	JOHNSON	913-642-6868
Roeland Park Police Department	4600 W 51st St	ROELAND PARK	KS	66205	JOHNSON	913-677-3363
Shawnee Police Department	5850 Renner Rd	SHAWNEE	KS	66217	JOHNSON	913-631-2155
Westwood Police Department	4700 Rainbow Blvd	SHAWNEE MISSION	KS	66205	JOHNSON	913-362-3737
Spring Hill Police Department	19010 Madison St	SPRING HILL	KS	66083	JOHNSON	913-592-2700
Basehor Police Department	2620 N 155th St	BASEHOR	KS	66007	LEAVENWORTH	913-724-1370

Agency Name	Street	Town/City	ST	ZIP	County	Phone
Lansing Police Department	800 1st Terr	LANSING	KS	66043	LEAVENWORTH	913-727-3000 x6890
Leavenworth County Sheriff's Office	601 S 3rd St, Ste. 2007	LEAVENWORTH	KS	66048	LEAVENWORTH	913-682-5724
Leavenworth Police Department	601 S 3rd St, Ste. 2055	LEAVENWORTH	KS	66048	LEAVENWORTH	913-651-2260
Tonganoxie Police Department	603 E 4th St	TONGANOXIE	KS	66086	LEAVENWORTH	913-369-3754
Louisburg Police Department	209 S Metcalf Rd	LOUISBURG	KS	66053	MIAMI	913-837-3191
Osawatomie Police Department	509 5th St	OSAWATOMIE	KS	66064	MIAMI	913-755-2101
Miami County Sheriff's Office	118 S Pearl St	PAOLA	KS	66071	MIAMI	913-294-4444
Paola Police Department	805 N Pearl St	PAOLA	KS	66071	MIAMI	913-259-3631
Bonner Springs Police Department	120 N Jefferson	BONNER SPRINGS	KS	66012	WYANDOTTE	913-422-7800
Edwardsville Police Department	690 S 4th St	EDWARDSVILLE	KS	66113	WYANDOTTE	913-441-6983
Kansas City, Kansas Police Department	2151 S 34th Street	KANSAS CITY	KS	66106	WYANDOTTE	913-261-4304
KU Campus Police Department	3901 Rainbow Blvd	KANSAS CITY	KS	66160	WYANDOTTE	913-588-5030
Wyandotte County Sheriff's Office	710 N 7th St	KANSAS CITY	KS	66101	WYANDOTTE	913-573-4149
Archie Police Department	401 S Main St	ARCHIE	MO	64725	CASS	816-430-5242
Belton Police Department	7001 E 163rd St	BELTON	MO	64012	CASS	816-348-4413
Cleveland Police Department	209 W Main St	CLEVELAND	MO	64734	CASS	816-380-5200 x1
Drexel Police Department	137 E Main St	DREXEL	MO	64742	CASS	816-619-4444
East Lynne Police Department	402 Main St	EAST LYNNE	MO	64743	CASS	816-266-8907
Freeman Police Department	106 W Main St	FREEMAN	MO	64746	CASS	816-899-2902
Garden City Police Department	107 N 3rd St	GARDEN CITY	MO	64747	CASS	816-773-8201
Cass County Sheriff's Office	2501 W Mechanic, Ste. 100	HARRISONVILLE	MO	64701	CASS	816-380-8308
Harrisonville Police Department	208 E Pearl	HARRISONVILLE	MO	64701	CASS	816-380-8928

Agency Name	Street	Town/City	ST	ZIP	County	Phone
Lake Winnebago Police Department	10 Lake Winnebago Dr	LAKE WINNEBAGO	MO	64034	CASS	816-537-7900
Peculiar Police Department	224 N Main St	PECULIAR	MO	64078	CASS	816-779-5102
Pleasant Hill Police Department	203 Paul St	PLEASANT HILL	MO	64080	CASS	816-540-9109
Raymore Police Department	100 Municipal Circle	RAYMORE	MO	64083	CASS	816-331-0530
Strasburg Police Department	211 N 4th St	STRASBURG	MO	64090	CASS	816-380-5200 x1
Birmingham Police Department	510 Spratley	BIRMINGHAM	MO	64161	CLAY	816-455-0045
Claycomo Police Department	115 E US 69 Hwy	CLAYCOMO	MO	64119	CLAY	816-452-4613
Excelsior Springs Police Department	301 S Main St	EXCELSIOR SPRINGS	MO	64024	CLAY	816-630-0240
Gladstone Police Department	7010 N Holmes	GLADSTONE	MO	64118	CLAY	816-436-3550
Kansas City Police Department	6801 NE Pleasant Valley Rd	KANSAS CITY	MO	64119	CLAY	816-413-3400
Kearney Police Department	106 S Jefferson	KEARNEY	MO	64060	CLAY	816-628-3925
Clay County Sheriff's Office	12 S Water St	LIBERTY	MO	64068	CLAY	816-407-3750
Liberty Police Department	101 E Kansas Ave	LIBERTY	MO	64068	CLAY	816-792-6002
Mosby Police Department	12300 4th St	MOSBY	MO	64073	CLAY	816-628-4875
North Kansas City Police Department	2010 Howell St	NORTH KANSAS CITY	MO	64116	CLAY	816-274-6014
Pleasant Valley Police Department	6502 Royal St	PLEASANT VALLEY	MO	64068	CLAY	816-781-7373
Randolph Police Department	7777 NE Birmingham Rd	RANDOLPH	MO	64161	CLAY	816-455-9323
Smithville Police Department	107 W Main St	SMITHVILLE	MO	64089	CLAY	816-532-0500
Blue Springs Police Department	1100 SW Smith St	BLUE SPRINGS	MO	64015	JACKSON	816-228-0164
Buckner Police Department	4 W Monroe St	BUCKNER	MO	64016	JACKSON	816-795-1960
Grain Valley Police Department	711 N Main St	GRAIN VALLEY	MO	64029	JACKSON	816-847-6250

Agency Name	Street	Town/City	ST	ZIP	County	Phone
Grandview Police Department	1200 Main St	GRANDVIEW	MO	64030	JACKSON	816-316-4900
Greenwood Police Department	709 W Main St	GREENWOOD	MO	64034	JACKSON	816-537-5020
Independence Police Department	223 N Memorial Dr	INDEPENDENCE	MO	64050	JACKSON	816-325-7300
Kansas City Police Department	1200 E Linwood	KANSAS CITY	MO	64109	JACKSON	816-234-5510
UMKC Police Department	4825 Troost	KANSAS CITY	MO	64110	JACKSON	816-235-1515
Union Pacific Railroad Police Department	600 Broadway, Suite 500	KANSAS CITY	MO	64105	JACKSON	816-399-1674
Lake Lotawana Police Department	100 Lake Lotawana Rd	LAKE LOTAWANA	MO	64086	JACKSON	816-578-4333
Lake Tapawingo Police Department	144 Anchor Dr	LAKE TAPAWINGO	MO	64015	JACKSON	816-224-6645
Jackson County Sheriff's Office	3310 NE Rennau Dr	LEE'S SUMMIT	MO	64064	JACKSON	816-524-4302
Lee's Summit Police Department	10 NE Tudor Rd	LEE'S SUMMIT	MO	64086	JACKSON	816-969-1700
MO Highway Patrol	504 SE Blue Pkwy	LEE'S SUMMIT	MO	64063	JACKSON	816-622-0800
Lone Jack Police Department	401 N Bynum Rd	LONE JACK	MO	64070	JACKSON	816-697-2911
Oak Grove Police Department	1903 S Broadway	OAK GROVE	MO	64075	JACKSON	816-589-9390
Raytown Police Department	10000 E 59th St	RAYTOWN	MO	64133	JACKSON	816-737-6022
Sugar Creek Police Department	1001 Heroes Way	SUGAR CREEK	MO	64054	JACKSON	816-252-7058
Dearborn Police Department	100 Short St	EDGERTON	MO	64444	PLATTE	816-227-3771
Edgerton Police Department	411 Frank St	EDGERTON	MO	64444	PLATTE	816-790-3484
Ferrelview Police Department	205 Heady Ave	FERRELVIEW	MO	64163	PLATTE	816-377-6500
Houston Lake Police Department	5417 NW Adrian	HOUSTON LAKE	MO	64151	PLATTE	816-741-0644
Airport Police	1 International Square	KANSAS CITY	MO	64153	PLATTE	816-243-5215
Kansas City Police Department	11000 NW Prairie View Road	KANSAS CITY	MO	64153	PLATTE	816-437-6200
Platte Woods Police Department	6750 NW Tower Dr	KANSAS CITY	MO	64151	PLATTE	816-741-6688

Agency Name	Street	Town/City	ST	ZIP	County	Phone
Northmoor Police Department	2039 NW 49th Terr	NORTHMOOR	MO	64151	PLATTE	816-741-1501
Parkville Police Department	8880 NW Clark Ave	PARKVILLE	MO	64152	PLATTE	816-741-4454
Platte City Police Department	900 4th St	PLATTE CITY	MO	64079	PLATTE	816-858-5150
Platte County Sheriff's Office	415 Third St, Ste, 10	PLATTE CITY	MO	64070	PLATTE	816-858-2424
Tracy Police Department	208 2nd St	PLATTE CITY	MO	64079	PLATTE	816-858-5555
Riverside Police Department	2990 NW Vivion Rd	RIVERSIDE	MO	64150	PLATTE	816-741-1501
Weatherby Lake Police Department	7200 NW Eastside Dr	WEATHERBY LAKE	MO	64152	PLATTE	816-741-8111
Weston Police Department	724 Thomas St	WESTON	MO	64098	PLATTE	816-858-5848
Crystal Lakes Police Department	15393 W Lakeshore Dr	CRYSTAL LAKES	MO	64024	RAY	816-506-1097
Hardin Police Department	100 E Main St	HARDIN	MO	64035	RAY	660-398-4537
Henrietta Police Department	406 Main St	HENRIETTA	MO	64036	RAY	816-290-5337
Ray County Sheriff's Office	200 W 9th St	HENRIETTA	MO	64036	RAY	816-290-5323
Lawson Police Department	103 W 3rd St	LAWSON	MO	64062	RAY	816-776-2000
Orrick Police Department	207 W South Front St	ORRICK	MO	64077	RAY	816-496-5500
Homestead Village Police Department	200 S College	RICHMOND	MO	64085	RAY	816-776-4545
Richmond Police Department	104 W North Main St	RICHMOND	MO	64085	RAY	816-776-5826

Emergency Management

Table A-41: Emergency Management Contacts

Agency Name	Phone
Lenexa Emergency Management	913-477-7903
Johnson County Emergency Management	913-715-1000
Olathe Emergency Management	913-971-7900

Agency Name	Phone
Overland Park Emergency Management	913-895-8308
Shawnee Emergency Management	913-742-6088
Leavenworth County Emergency Management	913-684-0455
Miami County Emergency Management	913-294-3232
Wyandotte County Emergency Management	913-573-6300
Belton Emergency Management	816-331-5522
Cass County Emergency Management	816-380-8584
Lake Winnebago Emergency Management	816-537-6778
Raymore Emergency Management	816-331-0488
Gladstone Emergency Management	816-454-8310
Clay County Emergency Management	816-407-3730
Liberty Emergency Management	816-439-4310
North Kansas City Emergency Management	816-274-6025
Central Jackson County Emergency Management	816-797-9196
Inter-City Emergency Management	816-461-9090
Fort Osage Emergency Management	816-650-5811
Grandview Emergency Management	816-316-4960
Independence/Eastern Jackson Cty.	816-325-7133
Jackson County Emergency Management	816-304-4624
Kansas City, MO Emergency Management	816-513-8640
Lee's Summit Emergency Management	816-969-1304
Oak Grove/Sni Valley Emergency Management	816-918-3596
Raytown Emergency Management	816-737-6020
Platte County Emergency Management	816-858-3361
Riverside Emergency Management	816-372-9183
Weatherby Lake Emergency Management	816-309-2293
Ray County Emergency Management	608-359-4009

Healthcare Facilities

Table A-42: Healthcare Facility Contacts

Hospital	Street	Town/City	ST	Zip	County	Phone
Olathe Medical Center	20333 W. 151st.	OLATHE	KS	66061	JOHNSON	913-355-4071
AdventHealth Shawnee Mission	9100 W. 74th St.	OVERLAND PARK	KS	66204	JOHNSON	913-208-1371
Menorah Medical Center	5721 W. 119th St.	OVERLAND PARK	KS	66209	JOHNSON	913-498-7000
Overland Park Regional Medical Center	10500 Quivira Rd.	OVERLAND PARK	KS	66215	JOHNSON	913-375-8875
Saint Luke's South & East Hospital	12300 Metcalf Ave.	OVERLAND PARK	KS	66213	JOHNSON	913-317-3477
VA Eastern Kansas Health Care System	395 Biddle Blvd., Building 2101	FT. LEAVENWORTH	KS	66027	LEAVENWORTH	816-701-3213
Saint John Hospital	3500 S. 4th	LEAVENWORTH	KS	66048	LEAVENWORTH	913-596-3775
Providence Medical Center	8929 Parallel Pkwy.	KANSAS CITY	KS	66112	WYANDOTTE	913-596-3775
University of Kansas Medical Center	3901 Rainbow Blvd.	KANSAS CITY	KS	66160	WYANDOTTE	913-588-6500
Belton Regional Medical Center	17065 S. 71 Hwy.	BELTON	MO	64012	CASS	816-348-1253
Cass Regional Medical Center	2800 E. Rock Haven Rd.	HARRISONVILLE	MO	64701	CASS	816-380-5888 x1101
Excelsior Springs Hospital	1700 Rainbow Blvd.	EXCELSIOR SPRINGS	MO	64024	CLAY	816-629-2730
Liberty Hospital	2525 Glenn Hendren Dr.	LIBERTY	MO	64068	CLAY	816-792-7248
North Kansas City Hospital	2800 Clay Edwards Dr.	NORTH KANSAS CITY	MO	64116	CLAY	816-691-2067
St. Mary's Medical Center	201 NW R.D. Mize Rd.	BLUE SPRINGS	MO	64014	JACKSON	816-853-6598
Centerpoint Medical Center	19600 E. 39th St. S	INDEPENDENCE	MO	64057	JACKSON	816-698-7092
Children's Mercy Hospital	2401 Gilham Rd.	KANSAS CITY	MO	64108	JACKSON	816-302-3991
Children's Mercy Hospital Kansas	2401 Gilham Rd.	KANSAS CITY	MO	64108	JACKSON	816-302-3991
Research Medical Center	2316 E. Meyer Blvd.	KANSAS CITY	MO	64132	JACKSON	816-276-4177

Hospital	Street	Town/City	ST	Zip	County	Phone
Saint Luke's Hospital of Kansas City	4320 Wornall Rd.	KANSAS CITY	MO	64111	JACKSON	816-932-7496
Saint Joseph Medical Center	1000 Carondelet Dr.	KANSAS CITY	MO	64114	JACKSON	816-853-6598
Truman Medical Center - Hospital Hill	2301 Holmes St.	KANSAS CITY	MO	64108	JACKSON	816-404-2661
VA - Veteran's Health Administration	4801 E. Linwood Blvd.	KANSAS CITY	MO	64128	JACKSON	816-861-4700 x52024
Lee's Summit Medical Center	2100 SE Blue Parkway	LEE'S SUMMIT	MO	64063	JACKSON	816-282-5186
Saint Luke's North Hospital - Barry Road	5830 NW Barry Rd.	KANSAS CITY	MO	64154	PLATTE	913-684-1213

Public Health Departments

Table A-43: Public Health Department Contacts

Agency	Street	Town/City	ST	Zip	County	Phone
Johnson County Department of Health & Environment	11875 S. Sunset, Ste. 300	OLATHE	KS	66061	JOHNSON	913-826-1200
Leavenworth County Health Department	500 Eisenhower Rd., Ste. 101	LEAVENWORTH	KS	66048	LEAVENWORTH	913-250-8000
Miami County Health Department	1201 Lakemary Drive	PAOLA	KS	66071	MIAMI	913-294-2431
Wyandotte County Health Department	619 Ann Avenue	KANSAS CITY	KS	66101	WYANDOTTE	913-573-6733
Cass County Health Department	300 Main St.	HARRISONVILLE	MO	64701	CASS	816-265-1544
Clay County Health Department	800 Haines Drive	LIBERTY	MO	64068	CLAY	816-595-4363
Jackson County Health Department	313 S. Liberty St.	INDEPENDENCE	MO	64050	JACKSON	816-404-8425
Independence Health Department	111 E. Maple St	INDEPENDENCE	MO	64050	JACKSON	816-325-7019
City of Kansas City, MO - Health Department	2400 Troost, Ste. 4000	KANSAS CITY	MO	64108	JACKSON	816-513-6130
Platte County Health Department	212 Marshall Rd.	PLATTE CITY	MO	64079	PLATTE	816-858-2412

Appendix B: Legal Authorities

STATUTES

Missouri

- Division 10, Chapter 11, *Missouri Code of State Regulations*. Division 24, Chapter 3, *Missouri Code of State Regulations*.
- Chapter 21, Joint committee on terrorism, bioterrorism, and homeland security.
- *Revised Statutes of Missouri*, Chapter 44. *Revised Statutes of Missouri*, Sections 292.600 to 292.625 (Missouri Emergency Planning and Community Right-to-Know Act) and Sections 260.500–260.550 ("Spill Bill").
- Ordinances and regulations of local jurisdictions as documented in emergency plans.
- Missouri Mutual Aid, MO 44.15; State Emergency Management.
- Missouri Mutual Aid – Law Enforcement, MO 44.098; KS-OK law enforcement mutual aid.
- Missouri EMS, MO 190.107, 190.900-939.
- Missouri Mutual Aid, MO 320.090, 44-095, 44-090, 44-105, 44-045; fire services, Kansas/State EM mutual aid, inter/intrastate mutual aid without declaration requirement and license reciprocity recognition.

Kansas

- KSA Chapter 48, Article 9, Established CEPR under The Kansas Emergency Management Act; responsible for implementing federal EPCRA provisions in Kansas.
- Ordinances and regulations of local jurisdictions as documented in emergency plans.
- Kansas Mutual Aid System, Statutes 48-950-958; political/multi-jurisdiction agencies.
- Municipal Mutual Aid, KS 12-16, 117; municipal mutual aid (counties/cities).
- Public Agencies, KS 12-2904.
- Kansas Mutual Aid, KS 12-2904, 80-1517, 65-6158, 48-3602; mutual aid for fire, public health/medical, law enforcement agencies.
- Kansas EMS, KS 65-6158.
- Kansas Wildfire, KW 31-801; forest fire preservation.
- Kansas Emergency Management Compact, KS 48-9a01; KSW Interstate EM Compact.

Federal

- Public Law 93-288, as amended by Public Law 100-707, The Robert T Stafford Disaster Relief and Emergency Assistance Act (42 USC 6121 et seq.) provides authority for response assistance under the Federal Response Plan, empowers the President to direct federal agencies to utilize their authority and resources to support state and local assistance programs, and provides a system for joint all hazard capability building at the federal, state, and local levels.

- Public Law 99-499, Superfund Amendments and Reauthorization Act of 1986 (SARA), which governs hazmat planning and community right-to-know.
- Title 42, of *United States Government Code*, Section 11001 et seq, SARA, Title III; also known as the "Emergency Planning and Community Right-to-Know Act of 1986."
- Title 40 of CFR, Part 68 (Risk Management Plan) and Parts 300, 310, 350, 355, 370, and 372 (Resource Conservation and Recovery Act [RCRA]).
- Public Law 101-615, Hazardous Materials Transportation Uniform Safety Act (HMTUSA), which provides funding to improve capability to respond to hazmat incidents.
- Public Law 96-510, Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), Section 104(i), 2 USC 9604(i) More popularly known as "Superfund," CERCLA was passed to provide the necessary general authority for federal and state governments to respond directly to hazardous substances incidents.
- Public Law 107-296: Homeland Security Act of 2002.
- Stafford Act: 44 CFR Section 206; emergency response.
- Emergency Management Assistance Compact (EMAC), Public Law 104-321; intrastate mutual aid.
- National Emergencies Act, Public Law 94-412, 90 Stat. 1255; presidential disaster declarations.
- Pandemic and All Hazards Preparedness Act, Public Law No. 109-417, 78-410; public health preparedness and response (U.S. Department of Health and Human Services [HHS] / Centers for Disease Control and Prevention [CDC]), public health emergency declaration.
- Public Readiness and Emergency Preparedness Act; declaration of immunity for claims related to medical countermeasures (HHS).
- Emergency Medical Service Compact National Agreement; EMS licensure reciprocity recognition.
- Nurse Licensure Compact National Agreement; Nurse licensure reciprocity recognition.

Executive Orders and Directives

Missouri

- 87-5 – Establishing the Missouri Emergency Response Commission according to Title III of SARA, and the responsibilities of the Commission.
- 02-15 – Establishing the Missouri Homeland Security Panel.

Kansas

- Executive Reorganization Order No. 29, and KSA sections 65-5703, 65-5704, and 057-0021-K. The Kansas EPCRA provisions are in KAR 28.65.1 to 28.65.4.

Federal

- Presidential Defense Directive (PDD) – 39, 21; public health and medical.
- Homeland Security Presidential Directive (HSPD) – 5 required the creation of a National Response Plan (NRP) including the concept of the National Incident Management System (NIMS).

- HSPD – 8 required a national domestic preparedness goal, standardized mechanisms for delivery of federal assistance to local jurisdictions, and measurable actions to improve preparedness capabilities at all levels of government.
- Executive Order 12148, 44 Federal Register (FR) 43239; preparedness and response.
- Presidential Policy Directive (PPD) – 8; national emergency preparedness.
- National Incident Management System (NIMS); incident organization and management.
- National Response Framework (NRF) 3rd Edition; national all-hazards approach to coordinate emergency response through ESFs.

Mutual Aid Agreement

Local communities have various mutual aid agreements in place to ensure availability of resources for incidents that may exhaust any one jurisdiction's capabilities Fire departments across the region have mutual aid and automatic aid agreements with their local neighboring jurisdictions Some resources, such as fire department hazmat teams, are available to provide regional response coverage as needed.

Law enforcement agencies may have existing mutual aid policies in place for local and regional responses, and municipalities may have agreements for emergency coordination, resource management, and specialty resources (e.g., heavy machinery or traffic control).

Hospitals often have agreements to share resources and personnel during emergencies, including through regional assets and coordinating bodies Mutual aid agreements may be in place through the Regional Health Care Coordination System (RHCS) Guide, Region A Healthcare Emergency Response Guide (HERG), Kansas City Metropolitan Medical Response System (KCMMRS) Plan, Mid-America Regional Council Emergency Rescue (MARCER) Mass Casualty Incident (MCI) Plan, and Kansas Regional Hospital Plan — Northeast Kansas Region and Kansas City Metro Region.

Jurisdictions should refer to the Kansas City Metropolitan Area RCG, ESF Annexes, and additional plans available on the MARC website at **www.marc.org/Emergency-Services-9-1-1/Plans** for guidance and assistance.

Documents and References

Missouri

- Missouri Hazard Analysis, SEMA, September 2018.
- Missouri State Emergency Operation Plan, November 2016.

Kansas

- Kansas Response Plan, 2017.
- Kansas LEPC Handbook, March 2014.

Federal

- National Response Framework (NRF), October 2019.
- National Response Team Hazardous Materials Emergency Planning Guide (NRT-1), September 2001.

- MARCER Comprehensive Preparedness Guide (CPG 101), Federal Emergency Management Agency (FEMA), November 2010.
- Hazardous Materials Incidents: Guidance for State, Local, Tribal, Territorial, and Private Sector Partners, FEMA, August 2019.

Other

- National Fire Protection Association (NFPA), Fire Protection Guide on Hazardous Materials, Standard 704, 201o.
- National Pipeline Mapping System, **https://www.npms.phmsa.dot.gov/.**

Appendix C: Population Vulnerability, County

This following figures illustrate social vulnerability throughout the region by county, as well as locations of Tier II facilities that use/store extremely hazardous substances (EHS) and at-risk populations (i.e., hospitals, schools, managed care facilities) potentially impacted by a release of an EHS. Social vulnerability data were obtained from the Centers for Disease Control and Prevention (CDC) Social Vulnerability Index, **https://svi.cdc.gov/**, using 2020 census data.

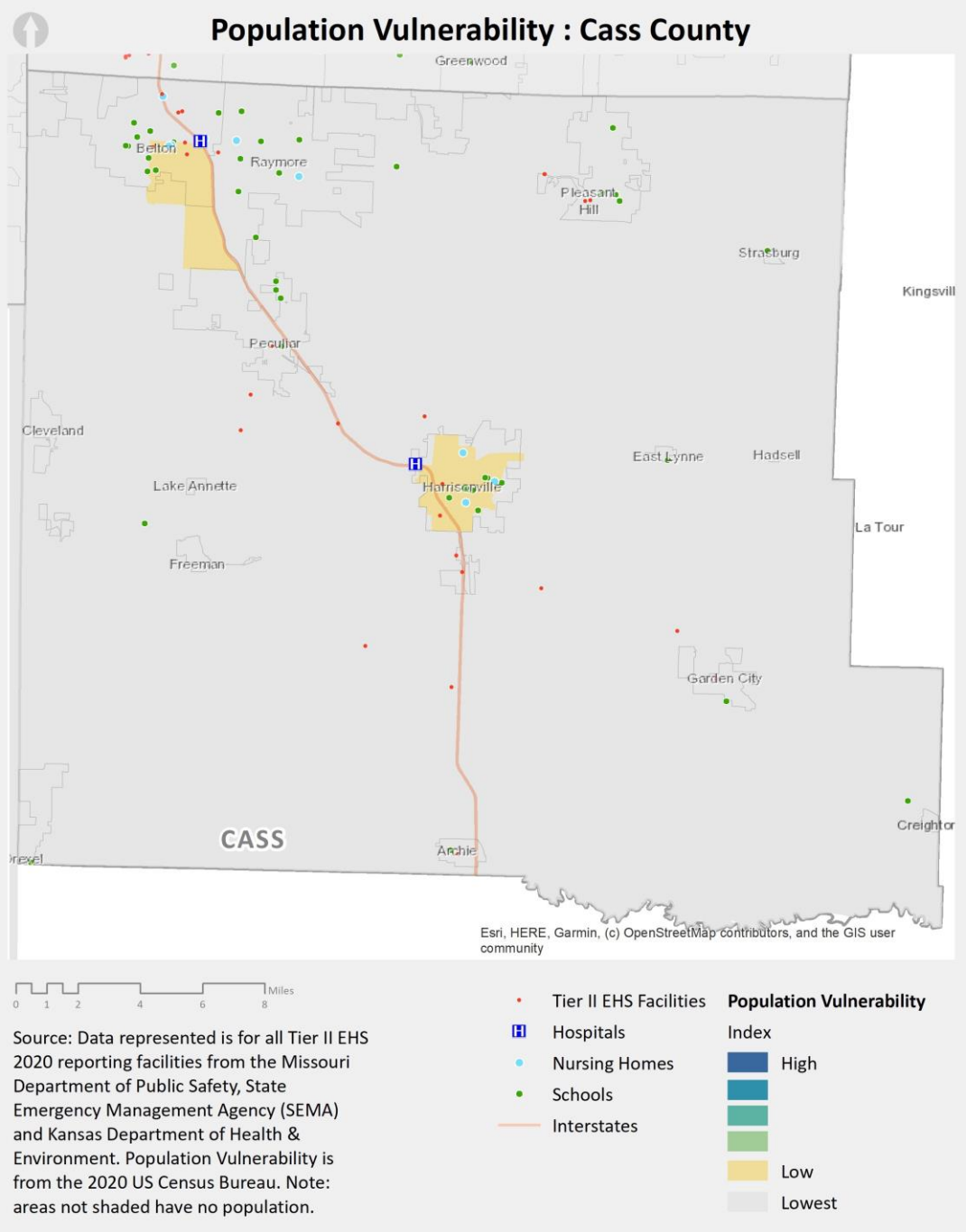


Figure C-16: Tier II EHS Facilities and Population Vulnerability, Cass County

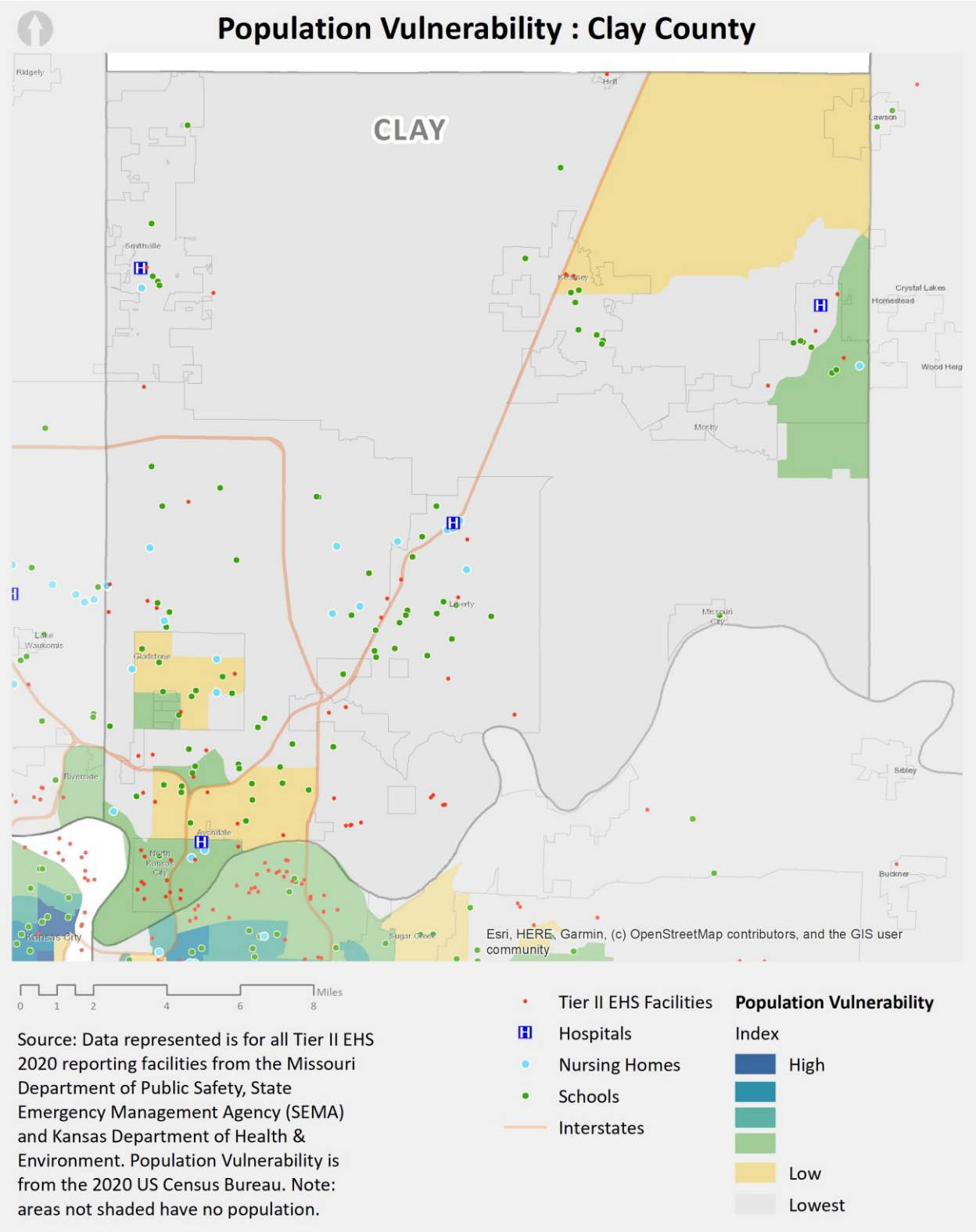


Figure C-17: Tier II EHS Facilities and Population Vulnerability, Clay County

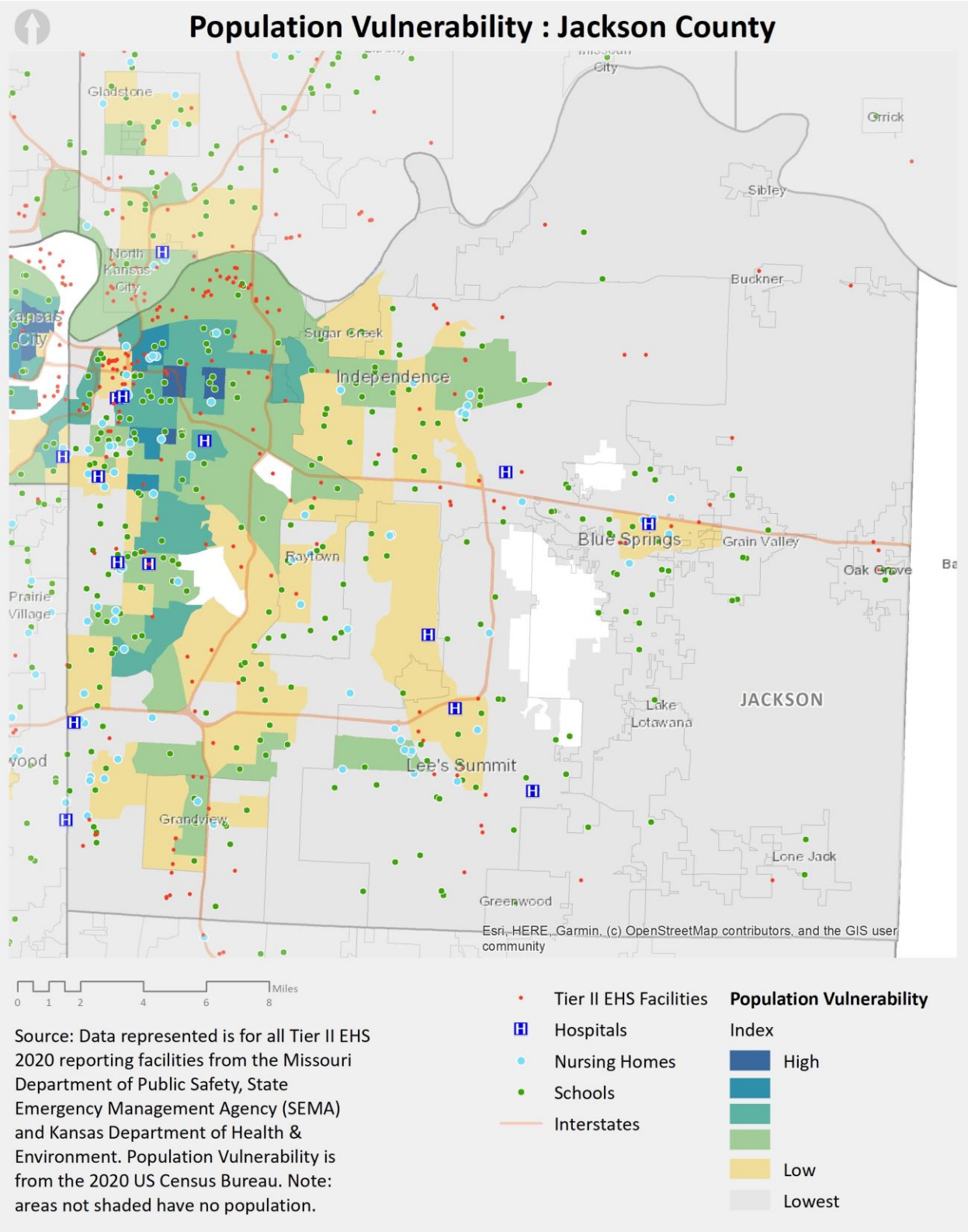


Figure C-18: Tier II EHS Facilities and Population Vulnerability, Jackson County

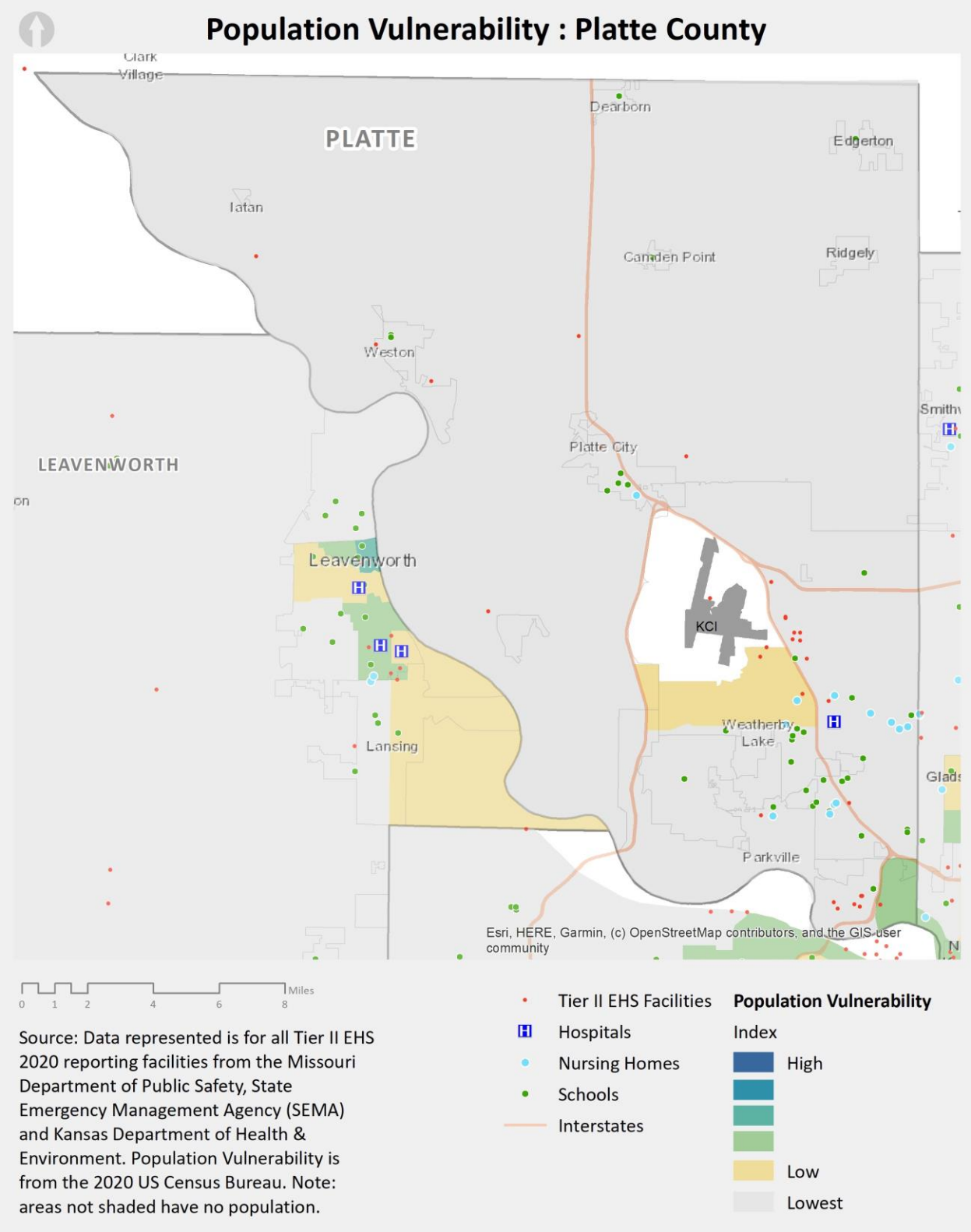


Figure C-19: Tier II EHS Facilities and Population Vulnerability, Platte County

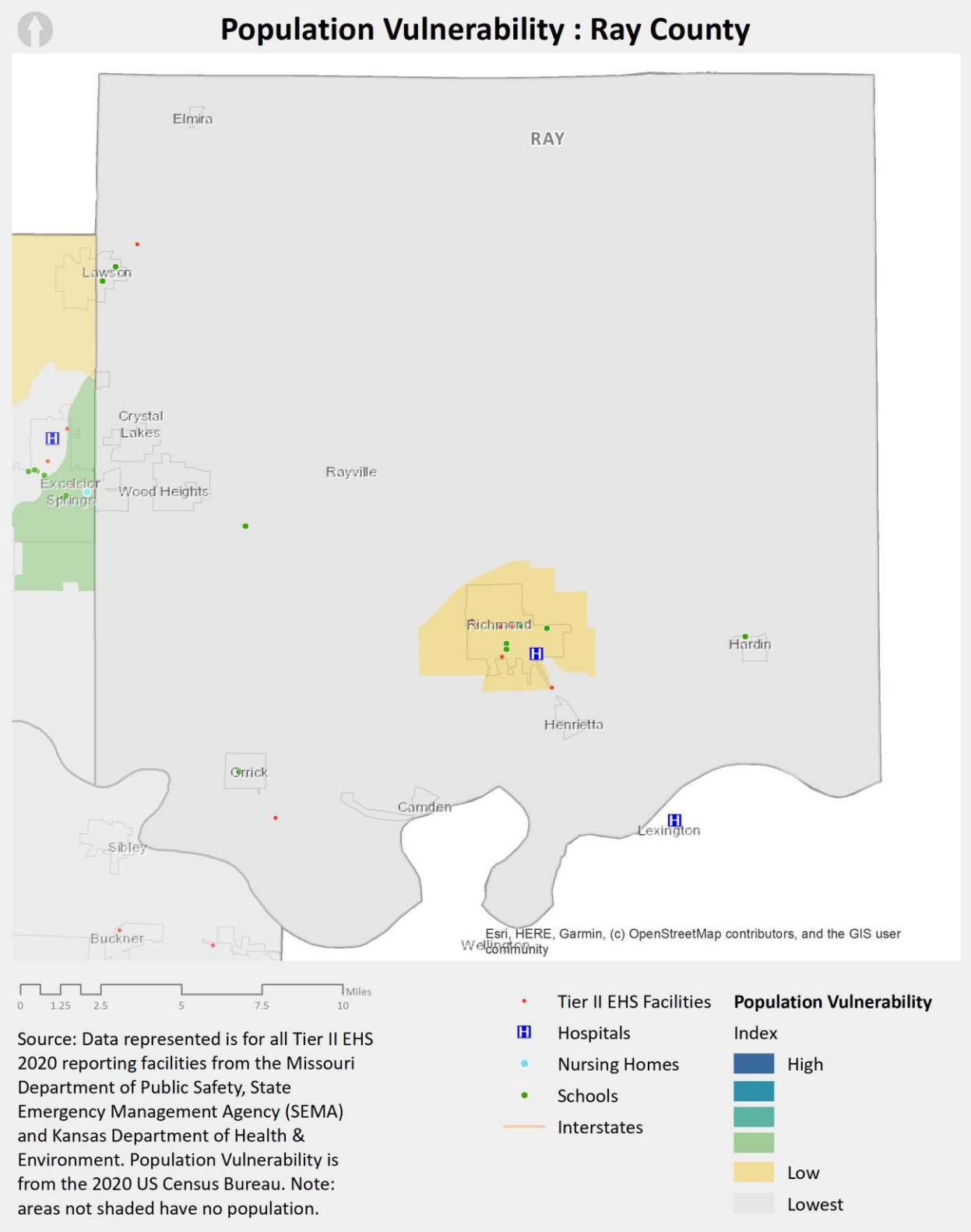


Figure C-20: Tier II EHS Facilities and Population Vulnerability, Ray County

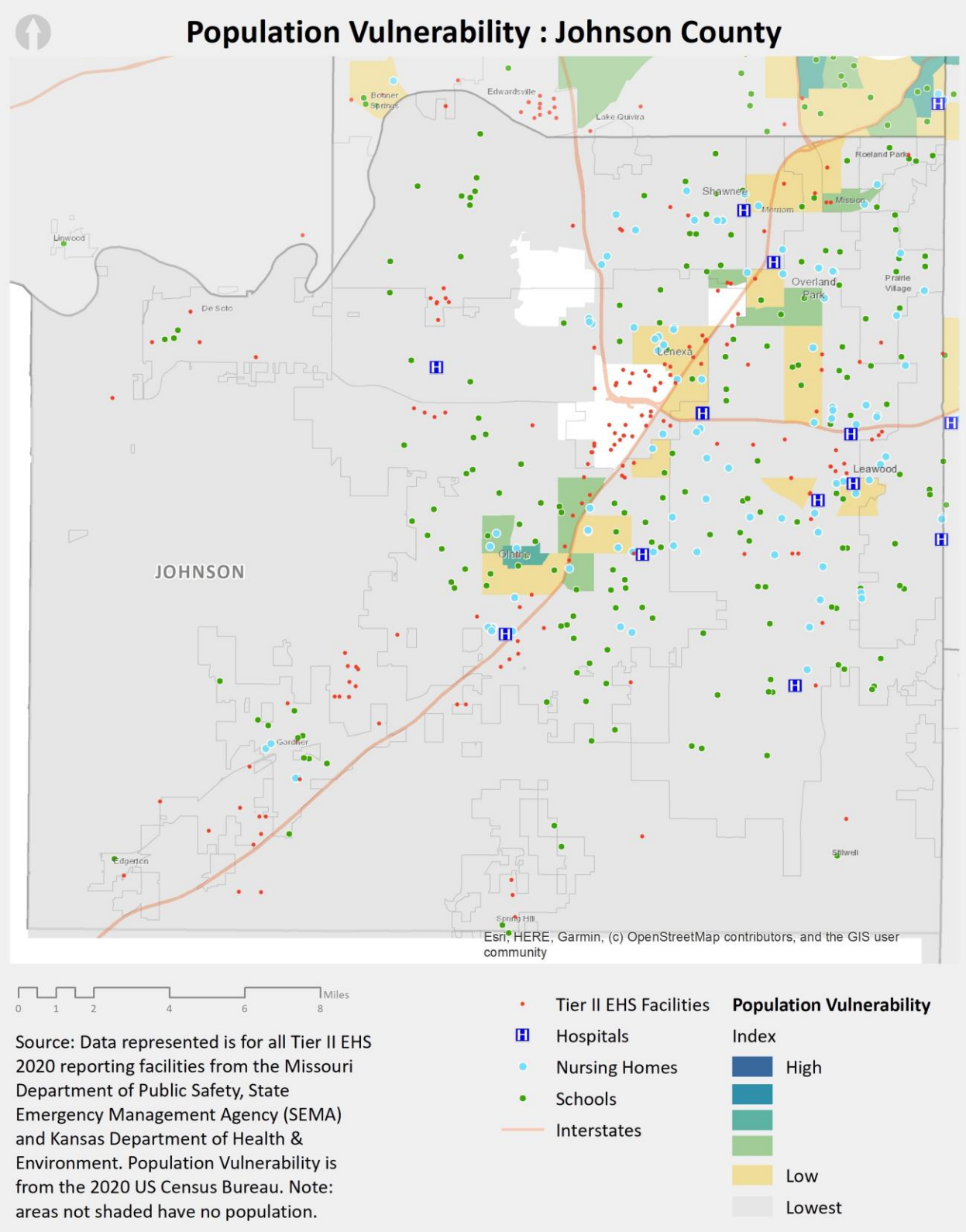


Figure C-21: Tier II EHS Facilities and Population Vulnerability, Johnson County

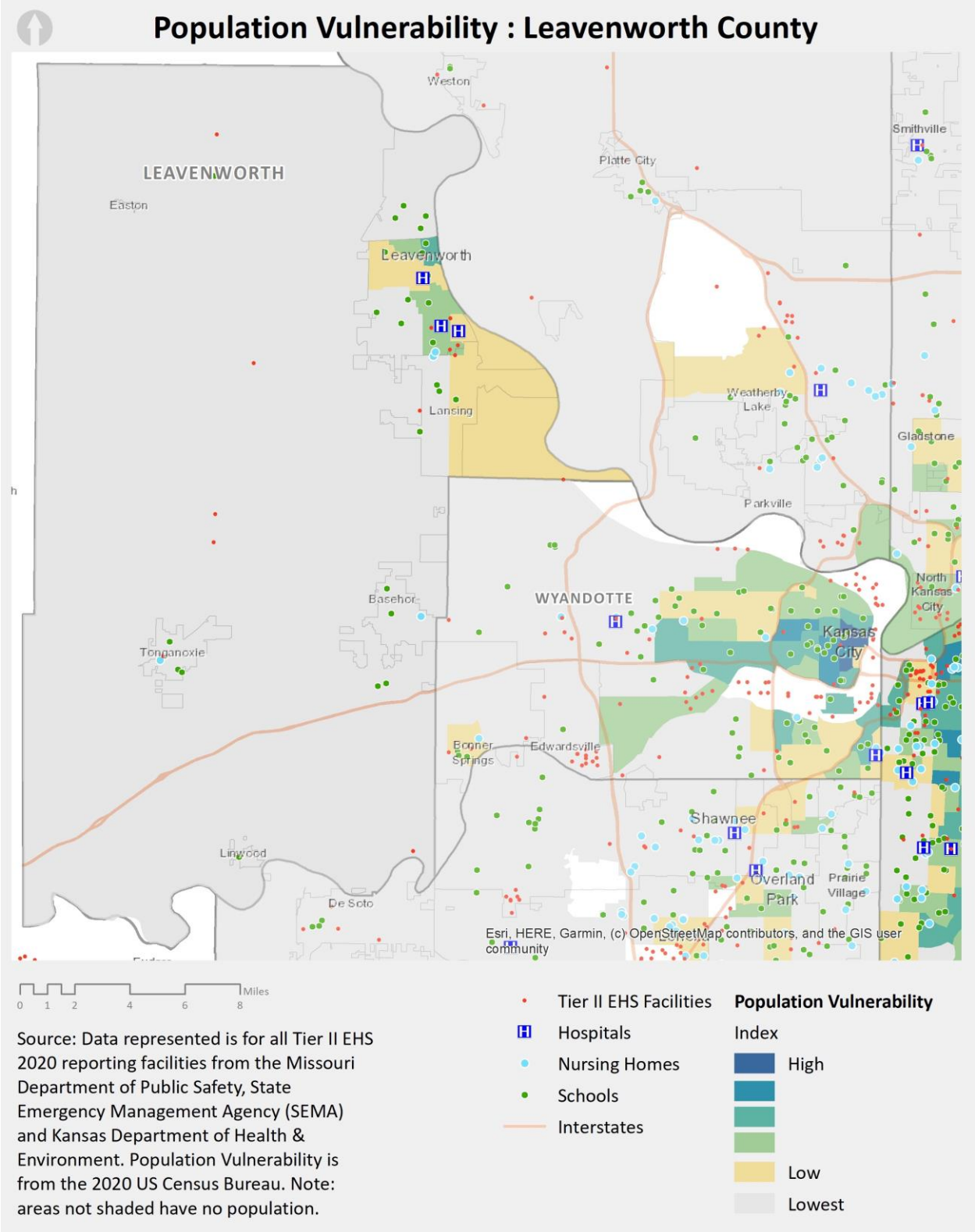


Figure C-22: Tier II EHS Facilities and Population Vulnerability, Leavenworth County

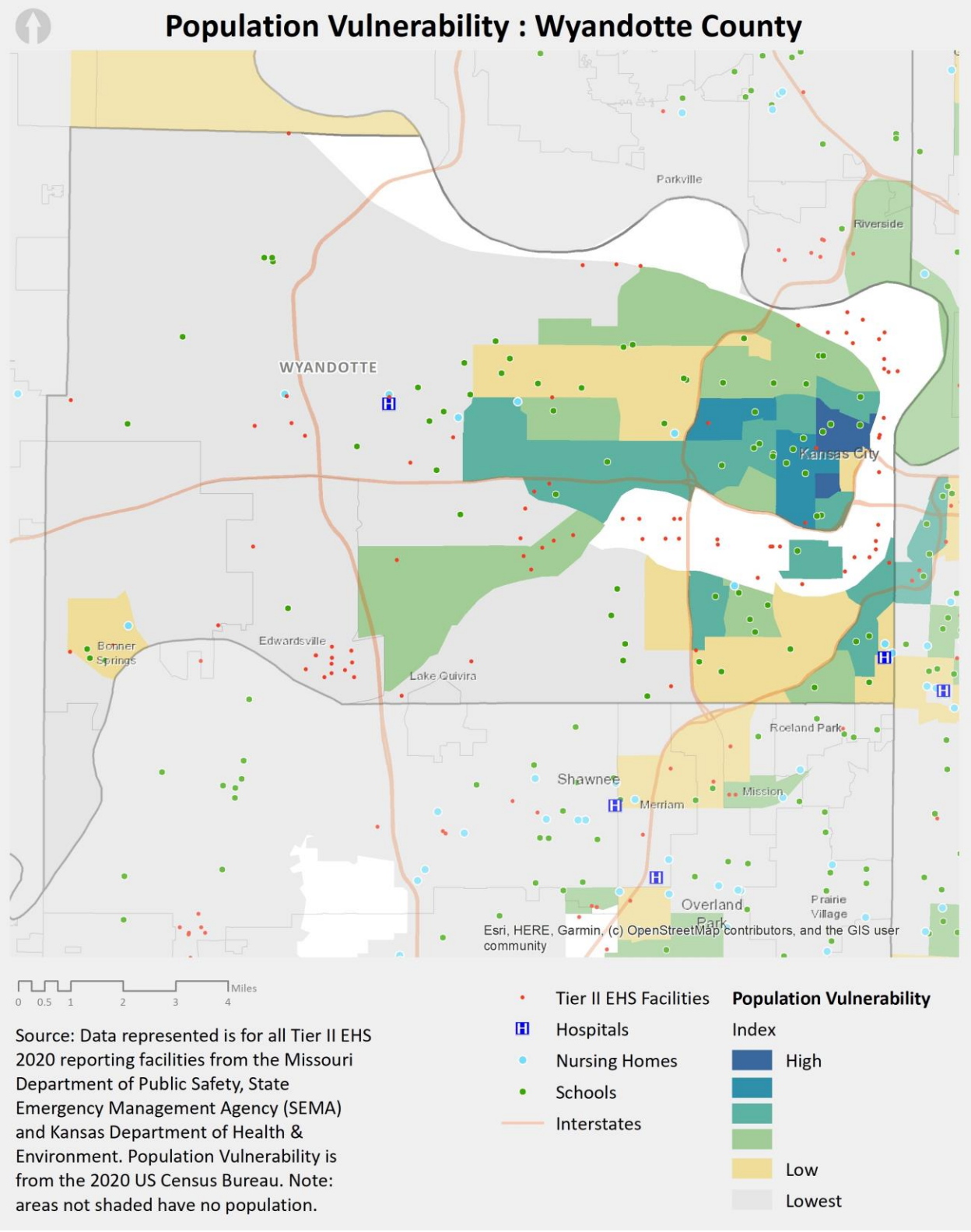


Figure C-23: Tier II EHS Facilities and Population Vulnerability, Wyandotte County

Appendix D: Tier II Reporting Process

KANSAS TIER II REPORTING PROCESS

Tier II Reporting Information

The Section 312 Tier II form and appropriate fees are due March 1st every year. The following are instructions to file an annual Tier II report in the State of Kansas.

As of the 2021 reporting period, the Kansas Department of Health and Environment (KDHE) will no longer accept paper Tier II reporting application. Facilities will report using KDHE's web-based reporting application at **http://kansas.tier2online.com.**

A person can use any computer with access to the internet upon generation of a user ID and password. User IDs and passwords will be issued only to facilities (not consultants), and will be limited to just one representative of the facility.

To obtain a User ID and Password, email the request from the company's home domain to **kdhe.rtk@ks.gov** or **alexis.crawford@ks.gov.** User IDs and passwords cannot be issued over the phone. Include the following with your request:

- Company Name
- Company Mailing Address (if different than facility address)
- Company Contact Person Name
- Contact Person Email Address
- Telephone Number.

Note: Issued user IDs and passwords do not change year to year, but passwords can be changed at the facility's request (i.e., a change in personnel).

The website will also allow generation of fee calculation worksheets (for each facility) and a certification letter, which must be mailed to our office with accompanying fees to complete reporting. Make checks or money order payable to the Kansas Department of Health and Environment.

Local emergency planning committees (LEPC) and fire departments may have to receive a hard copy to fulfill their reporting obligations. The web application will generate hard copies of the Kansas Tier II reports for submission to local agencies. The list of LEPCs is available on the internet at **http://kansastag.gov/KDEM.asp?PageID=158**. Fire department addresses can be obtained by contacting the LEPC Chair or Emergency Manager in the county hosting the facility.

For answers to questions, contact Alexis Crawford at 785-296-4298 or **alexis.crawford@ks.gov**, or Marla Oestreich at 785-296-1688 or **marla.oestreich@ks.gov**.

Kansas Tier II Emergency & Hazardous Chemical Inventory Form

An electronic, fillable copy of the Tier II form is available online at **http://www.kdheks.gov/asbestos/download/Tier_II_form.pdf**. An example form is illustrated on the following pages.

Kansas Department of Health and Environment

Kansas EPCRA Tier II Emergency & Hazardous Chemical Inventory

Mail to: Right-to-Know Program
1000 SW Jackson Suite 330
Topeka KS 66612-1365
(785) 296-1688

Important: Read all instructions before completing form

1. Reporting Period From January 1 to December 31, 2018

Page 1 of 12

2. Facility Identification — 2a. New Facility ☐ Yes ☒ No

Name NUTRIEN AG SOLUTIONS - BELOIT
Street Address 1212 EAST COTTONWOOD
Latitude 39.4545280 Longitude -98.1053890
City BELOIT County MITCHELL State KS Zip 67420
Phone 785-738-6617
NAICS 424910
RMP Fac ID 1000 0001 0515 ☐ N/A
TRI Fac ID ☒ N/A
Max # of occupants 5 ☒ Manned ☐ Unmanned

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?
☒ Yes ☐ No

Subject to Chemical Accident Prevention under Section 112r of CAA (40 CFR part 68)?
☒ Yes ☐ No

3a. Owner/Operator Identification

Business Name NUTRIEN AG SOLUTIONS 5533
Address 424 EAST ELLIOTT
City BELOIT State KS Zip 67420
Business Phone 785-738-6617 Country USA
Submitter TOM NAASZ
Email tom.naasz@nutrien.com
Dun & Bradstreet

3b. Mailing Address if different from Owner/Operator Address

Business Name NUTRIEN AG SOLUTIONS
Address PO BOX 22
City LOVELAND State CO Zip 80539
ATTN TOM NAASZ
Phone 970-685-3300

4a. Tier II Contact

Name TOM NAASZ Title MGR
Phone 785-738-6617 24-hour phone 785-738-8019
Email tom.naasz@nutrien.com

4b. Emergency Contact

Name TOM NAASZ Title MGR
Phone 785-738-6617 24-hour Phone 785-738-4643
Email tom.naasz@nutrien.com

Name JOSH CARLIN Title SALES MGR
Phone 785-738-6617 24-hour Phone 785-534-9163
Email josh.carlin@nutrien.com

5. Section Reporting: *Please check as appropriate*

☒ Section 312 ☐ Section 311 ☐ Section 302
☒ Annual ☐ Revision ☐ Identical to last year

For Official Use Only

Facility ID #	Parent ID #	Entered by

6. Optional Attachments

☐ Site Plan ☐ Description of Dikes
☐ Site Coordinate Abbreviations ☐ Other Safeguard Measures

7. Certification (Read and sign after completing all Sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages 1 through ___ and based on my inquiry of those individuals responsible for obtaining this information, I believe the submitted information is true, accurate, and complete.

Name and official title of owner/operator or authorized representative | Date | Signature

Figure D-24: Sample Kansas Tier II Form, Page 1

8. Chemical Information

Page 2 of 12

Chemical Description	Physical Hazards	Health Hazards	Storage Types & Locations ☐ if Confidential

Chemical Name: AMMONIUM POLYPHOSPHATE SOLUTION 10-34-0
CAS #: NONE
EHS: ☐ Yes ☒ No
EHS Name (if applicable):
EHS CAS # (if applicable):
☐ Solid ☒ Liquid ☐ Gas
☐ Pure ☒ Mix
☐ Trade Secret

Physical Hazards:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (gas, liquid, or solid)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible Dust
☐ Hazard not otherwise classified

Health Hazards:
☒ Acute toxicity (any route of exposure)
☒ Skin corrosion or irritation
☒ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant
☐ Hazard not otherwise classified

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Ambient Pressure	Ambient temperature	☐ BULK TANKS
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

4,083,400 Maximum Daily Amount (lbs)
4,083,400 Average Daily Amount (lbs)
365 Number of Days on Site
☐ Optional Report

Chemical Name: ANHYDROUS AMMONIA
CAS #: 7664-41-7
EHS: ☒ Yes ☐ No
EHS Name (if applicable):
EHS CAS # (if applicable):
☐ Solid ☒ Liquid ☒ Gas
☒ Pure ☐ Mix
☐ Trade Secret

Physical Hazards:
☐ Explosive
☒ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (gas, liquid, or solid)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☒ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible Dust
☐ Hazard not otherwise classified

Health Hazards:
☒ Acute toxicity (any route of exposure)
☒ Skin corrosion or irritation
☒ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant
☐ Hazard not otherwise classified

Container Type	Pressure	Temperature	Storage Location
Above Ground Tank	Greater than ambient pressure	Ambient temperature	☐ BULK TANKS
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐
			☐

434,000 Maximum Daily Amount (lbs)
434,000 Average Daily Amount (lbs)
365 Number of Days on Site
☒ Optional Report

Figure D-25: Sample Kansas Tier II Form, Page 2

MIXTURE COMPONENT INFORMATION FORM

Chemical Name: AMMONIUM POLYPHOSPHATE SOLUTION 10-34-0 CAS #: NONE

Mixture Component Chemicals	%	CAS #	EHS
AMMONIUM POLYPHOSPHATE		68333-79-9	☐
AMMONIUM SULFATE		7783-20-2	☐
			☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: ANHYDROUS AMMONIA CAS #: 7664-41-7

Mixture Component Chemicals	%	CAS #	EHS
ANHYDROUS AMMONIA	100	7664-41-7	[X]
			☐
			☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: FULTIME NXT CAS #: NONE

Mixture Component Chemicals	%	CAS #	EHS
ACETOCHLOR		34256-82-1	☐
ATRAZINE		1912-24-9	☐
			☐
			☐
			☐
			☐
			☐
			☐

Chemical Name: GRAMOXONE SL 2.0 CAS #: NONE

Mixture Component Chemicals	%	CAS #	EHS
PARAQUAT DICHLORIDE		1910-42-5	[X]
			☐
			☐
			☐
			☐
			☐
			☐
			☐

Figure D-26: Sample Kansas Tier II Form, Page 3

MISSOURI TIER II REPORTING PROCESS

Who Must Submit This Form

The owner or operator of a facility in Missouri where hazardous chemicals are used, produced, or stored must submit a Missouri Tier II Form if the facility holds a quantity of hazardous chemicals in an amount exceeding 10,000 pounds.

What Chemicals Must Be Reported

Any substance for which a facility must maintain a Safety Data Sheet (SDS) under Occupational Safety and Health Administration's (OSHA) Hazard Communication Standard is classified as a "hazardous chemical." Any "hazardous chemical" that a Missouri facility uses/stores in quantities of 10,000 pounds or more at any one time during the calendar year must be reported on a Missouri Tier II Form. A partial list of hazardous chemicals is on the internet at **"List of List for Extremely Hazardous Substances,"** but the simplest way to determine necessity for submittal of a Tier II Form is to note whether a safety data sheet (SDS) is required under the Occupational Safety and Health Administration (OSHA) and if quantities exceed 10,000 pounds.

Extremely Hazardous Substances (EHS), as specified in 40 *Code of Federal Regulations* (CFR) Part 355, must be reported on the Tier II form if a facility has on hand at any one time during the calendar year more than 500 pounds or the threshold planning quantity (TPQ), whichever is lower. To obtain a list of EHSs, contact the Missouri Department of Public Safety, Missouri Emergency Response Commission (MERC) at 573-526-9100 or go to **Missouri Emergency Response Commission's Website.**

Under Missouri law, explosives and blasting agents in amounts exceeding 100 pounds must be reported to the fire department within 24 hours of initial presence at a facility. If storage time extends beyond 15 days, these substances must be reported to the fire department, the Local Emergency Planning Committee (LEPC) / Local Emergency Planning District (LEPD), and the MERC via a Missouri Tier II form. This requirement does not apply to materials in transit provided that the transporter is in compliance with U.S. Department of Transportation (USDOT) regulations.

What Chemicals Are Excluded

Section 311(e) of Title III EPCRA excludes the following substances:

- Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Administration.
- Any substance present as a solid in a manufactured item to the extent exposure to the substance does not occur under normal conditions of use.
- Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public.
- Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual.
- Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer. (This exclusion does not apply to one-time reporting of EHS under Section 302 of EPCRA.)

When to Submit This Form

Owners or operators of facilities with hazardous chemicals on hand in quantities equal to or greater than set threshold levels must submit Missouri Tier II forms by March 1st of each year. The information required must be reported to the MERC and the LEPC/LEPD within 60 days of initial presence of a new EHS at the facility at or above the TPQ (11 *Code of State Regulations* [CSR] 40-4.040 (1)). If any new hazardous chemical or EHS comes onto the site in a quantity sufficient to require reporting, an updated Missouri Tier II form must be submitted within 3 months (11 CSR 40-4.040 (1)(D)(2)).

Where to Send Your Completed Tier II

Send (via email, fax or hardcopy) a completed, signed Missouri Tier II form to each of the following organizations:

- Missouri Emergency Response Commission (MERC) at: https://hazmat.dps.mo.gov,
- The Mid-America Regional Council (MARC) at **vphillips@marc.org** cc **matehis@marc.org** or fax at (816) 421-7758,
- Local fire department.

Penalties

Any owner or operator who violates any Tier II reporting requirements shall be liable to the United States for civil penalty of up to $27,500 per day for each such violation. Each day a violation continues shall constitute a separate violation. Missouri law specifies an additional penalty of up to $5,000 per day for failure to provide the type of information required on the Missouri Tier II form.

Appendix E:
Hazardous Materials Incident Levels

LEVEL I

A minor situation within the capabilities of first responders trained at the "operational" level. A Level I incident involves a release or possible release of a small amount of gas, liquid, or solid of a known (identified) hazardous material (hazmat). In addition, the agency on-scene has the expertise and proper equipment to safely mitigate the incident.

At a minimum, a command post and an exclusion zone should be established to address all incidents. Pipeline and Hazardous Materials Safety Administration's (PHMSA) Emergency Response Guide should be referenced for specifications of initial isolation and protective action distances The Incident Commander should restrict movement of personnel into the exclusion zone. Only personnel entering for a specific reason and donned in the proper level of protective equipment should be allowed.

An incident should be immediately upgraded to Level II for a release or potential release of an unknown or suspected hazmat.

Typical Level I incidents include the following situations:

- Minor leaks or spills from a 55-gallon drum, cylinders up to 1-ton capacity, bags, or packages
- Minor leaks or spills that can be handled with absorbent materials and resources readily available on site.
- Release of chemicals that do not produce an environment immediately dangerous to life and health (IDLH) or above the Lower Explosion Limit (LEL) of a product
- Containers involved in an accident that have no visible damage
- Chemical releases exerting minimal environmental impact that do not require outside resources
- Leaking valves on containers that do not require immediate offload of product (PRD)
- Evacuations limited to a single intersection or building
- No life-threatening situation from materials involved
- Suspicious packages considered non-hazardous threat and substance.

LEVEL II

These are incidents beyond the capabilities of an agency with jurisdictional responsibility and that require mitigation by a hazmat team—ranging from a small incident involving any amount of an unknown substance to a large incident involving multiple agencies and jurisdictions.

A Level II incident should be declared by the Incident Commander and the Initial Response Team if the incident involves a sufficient quantity of gas, liquid, or solid of a known hazardous substance or any quantity of an unknown material that has been released or indicates potential for release.

A Level II incident should be declared for release of any quantity of a known solid or liquid toxic material in a critical public area or for release or potential release of any quantity of an **unknown** solid, liquid, or gaseous toxic material or suspected toxic material (all gases other than natural gas are considered toxic).

In a Level II incident, a formal and properly identified Command Post with a removed staging area, an Incident Safety Officer, and a Hazardous Materials Sector should be established Control zones must be

established and maintained as early as possible and evaluated and monitored throughout the incident. Localized evacuation may be necessary, and outside agencies should be notified.

Typical Level II incidents include:

- One or more 55-gallon drums, 1-ton cylinders, nurse tanks, totes, portable containers leaking considerable amounts of a known substance
- A major, liquefied gas leak due to puncture, crack, or crease of a large tank where ignition sources are a real threat
- Leaking containers, tank trucks, or railroad tank cars with a hazardous material on board whose structural integrity is in question
- Train derailments involving railroad tank cars filled with hazmat with leaks that can be controlled by local hazmat teams
- A vehicle or train fire involving hazmat or hazardous wastes that pose a serious threat of a boiling liquid expanding vapor explosion (BLEVE)
- Incidents involving a fatality or serious injury attributed to the hazardous substance
- Evacuations of an apartment complex, city block, or large facility with many employees
- Chemical releases that pose a moderate threat to the environment that requires state agency involvement
- Suspicious package with an unknown material that, due to location, is considered a credible threat. If upon identification of the substance it is declared a weapon of mass destruction (WMD) agent, the incident should be upgraded to a Level III incident. An iincident involving non-hazardous substances should be downgraded to a Level I incident.

LEVEL III

This includes any incident beyond the capabilities of the hazmat team and local resources. Duration of the incident may be quite lengthy and may necessitate large-scale evacuations. A Level III incident likely will involve multiple agencies and jurisdictions, as well as resources from the private sector (including chemical manufacturers) and voluntary organizations.

Examples of Level III incidents include:

- Large releases from tank cars, tank trucks, stationary tanks, or multiple medium containers
- Incidents involving large-scale evacuations that may extend beyond jurisdictional boundaries
- Any spill, leak, or fire involving hazmat that has gone to greater alarms
- Any incident beyond local capabilities and resources (including the hazmat team) to safely identify, contain, and mitigate
- Train derailments involving railroad tank cars containing hazmat that require specialized resources to mitigate
- Major leaks of compressed or liquefied gas cargo tanks or railroad tank cars caused by puncture or major structural damage
- Suspicious packages that, due to location, identification of material as WMD agent, or verbal threat, require state and federal resources
- Large-scale or catastrophic releases of hazmats (e.g., radiation, biological agents) that would likely include a Stafford Act Emergency Support Function (ESF) #10 activation.

Appendix F: Protective Action Checklist

The following checklist is intended as reference only in determining whether evacuation and/or sheltering-in-place operations are appropriate during a hazardous materials (hazmat) emergency.

The information in this checklist is from the National Institute for Chemical Studies, *Protecting the Public in a Hazardous Material Emergency (Final Project Report)* (Charleston, West Virginia: University of Charleston, 1988, pp. 10-12). This information is used with the permission of the National Institute for Chemical Studies.

INITIAL ASSESSMENT

Is this incident an actual or potential threat to public health and safety? If "Yes" or" Uncertain," continue to evaluate the incident using this checklist.

___Yes_____No_____Uncertain

Required Information

The following is necessary to properly evaluate the appropriateness of evacuation and/or shelter-in-place actions:

Material(s) involved _____

Population threatened _____

Time factors involved _____

Current and forecast weather conditions _____

Ability to disseminate warnings and emergency public information _____Yes _____No

Capabilities of emergency response organizations to contain, stabilize, and mitigate the emergency

_____

Technical Assistance

Have technical experts (i.e., hazmat technicians/specialists, environmental health personnel, CHEMTREC, the manufacturer, facility representatives, etc.) been consulted and/or recommended actions?

_____Yes _____No

FACTORS IMPORTANT TO THE DECISION

Evaluate factors related to the hazmat(s) involved including characteristics, quantity, condition, configuration, and location:

Physical characteristics:

State:_____Solid_____Dust_____Liquid_____Gas

Density:_____High_____Low

Vapor pressure:_____High_____Low

Water soluble?_____Yes____No

Explosive or flammable?_____Yes____No

Characteristics unknown? _____Yes _____No

Health characteristics:

Toxicity:_____High_____Low_____Irritant

Type of hazard:____Inhalation_____Ingestion_____Dermal

Hazard is:_____Immediate (acute)_____Long-term (chronic)

Hazardous residue?_____Yes____No

Toxic combustion product?_____Yes____No

Unknown hazard?_____Yes____No

Quantity: _____

Release factors:

Contained, but offers potential for release. _____Yes _____No

Uncontained:_____Controlled_____Uncontrolled

Type of release:_____Continuous____Cloud_____Pool

_____Vapor_____Dust_____Elevated_____Ground-hugging

Vapor is: _____Heated_____Cool_____Caused by fire_____

Location:

Accessible? ____Yes____No

Distance to public:_____feet/miles

Material relative to public:_____Above_____Below_____Same level

Vapor enhancements or obstructions: _____

Nearby hazards?_____Yes _____No

Population Considerations

Population characteristics:

Type: _____Residential_____Institutional_____Commercial _____Industrial _____Transient

Density: _____High _____Low_____Mixed

People are:____Indoors_____Outdoors _____Near structures

Population groups:_____Families_____Groups_____Individuals

Different languages spoken? _____Yes _____No

Time Considerations

Time of incident:

Day of week/time of day:_____/__

Season: _____Holiday_____Tourist

Rate of escalation or de-escalation of emergency:__

Release: _____Over_____Occurring_____Predicted

Release is unknown or unlikely? _____Yes _____No

Rate of release:____Rapid__Slow

Likely duration of release:__minutes/hours

Rate of movement of hazardous material:

Rate is: _____Known____Predicted_____Uncertain

Movement of material is:__Enhanced _____Obstructed

Time until contact with populated area: _____minutes/hours

Estimated time needed for protective action:

Deploy emergency response personnel: _____minutes

Provide warning and emergency public information: _____minutes

Evacuation Considerations

Likely public mobilization and travel time: _____minutes/hours

Mobilization and travel time for special populations (handicapped, institutional, commercial, industrial, recreational): _____minutes/hours

In-Place Sheltering Considerations

Public response: _____minutes/hours

Response time for special populations:_____minutes/hours

Likely duration: _____minutes/hours

Time required for environmental monitoring, termination, and building egress:_____ minutes/hours

Meteorological Considerations

Impact on hazardous material(s) movement:

Wind direction:_____(from N, E, etc.)

Wind speed: _____mph

Wind gusty?_____Yes____No

Rain?_____Yes____No

Weather expected to change?_____Yes____No

Impact on emergency response capability:

Roads:_____Open_____Blocked_____Traffic delayed

Travel:_____Safe_____Dangerous

Difference between outdoor and indoor temperatures:_____

Communication Considerations

Communication with the public:

Able to warn public, handicapped, institutions, transients, etc.?_____Yes____No

Able to instruct public?_____Yes____No

Able to update public and terminate response?_____Yes____No

Communication with emergency responders:

Able to notify and deploy emergency responders?__Yes_____No

Able to activate Emergency Alert System and/or contact media?_____Yes____No

Total coverage of area?_____Yes____No

Able to contact mutual aid?_Yes_____No

Resource Considerations

Mobilize available or required specialized personnel and resources? _____Yes____No

Able to mobilize existing or additional resources and personnel? __Yes____No

Able to obtain specialized resources or control equipment?_____Yes_No

Control the hazmat:

Able to prevent, limit, contain, direct and/or neutralize the release?_Yes____No

Control an evacuation:

Evacuation plan available?_Yes____No

Road capacity adequate?___Yes_____No

Enough personnel and vehicles?___Yes____No

Able to move handicapped, institutionalized, and/or transient people?_____Yes____No

Are reception and care facilities available for evacuees? ___Yes _____No

Control in-place sheltering:

Structures available?_____Yes____No

Is public knowledgeable and willing to accept instructions?__Yes_____No

Able to initiate and terminate?_____Yes_____No

Are institutions, commercial buildings, and industries prepared?_____Yes_____No

PROTECTIVE ACTION SELECTION AND IMPLEMENTATION

Review the items marked on this checklist, noting the factors involved in this emergency (some factors are more important than others).

- Determine if evacuation, sheltering-in-place, or a combination of the two is appropriate.

  _____Evacuation_____Shelter-in-Place _____Both
- Implement evacuation and/or in-place sheltering actions.
- When appropriate, terminate evacuation and/or in-place sheltering actions.

Appendix G: Notification of Release Form

KANSAS NOTIFICATION OF RELEASE FORM

FORM A

Hazardous Materials Incidents / Accidents / Continuous Releases

REPORT INCIDENT IMMEDIATELY to the KANSAS DIVISION OF EMERGENCY MANAGEMENT (KDEM)

Telephone: (785) 291-3333

THIS COMPLETED FORM must be submitted on-line or faxed to KDEM (785) 646-2001, Technological Hazards Section, *AS SOON AS PRACTICABLE* (not to exceed 7 days) after the verbal notification. Form A(s) may be used as the written follow-up notification to KDEM **ONLY IF** an UPDATED Form A is submitted after the incident has concluded and includes additional information on the cause of the release, information on actual response actions taken, identification of any acute or chronic health risks and advice regarding medical attention necessary for citizens exposed, if appropriate. Additional information can be mailed to KDEM at: 2800 SW Topeka Blvd, Topeka, KS 66611.

- *The following fields may have multiple entries: Commodity, Physical Form, Incident Mode, Truck/Trailer Number, Railcar Number, and Placard. If there is not enough room on this form to report these fields or "What Happened" or "Actions Taken to Remediate the Incident" please attach another page with the additional details.*

KDEM CONFIRMATION NUMBER:_____

REPORTING

WAS A REPORT MADE TO THE FOLLOWING AGENCIES:

LOCAL EMERGENCY PLANNING COMMITTEE..... ☐ YES

NATIONAL RESPONSE CENTER (800) 424-8802..... ☐YES CASE#_____

KANSAS DEPT. OF HEALTH & ENVIRONMENT (785) 291-3333..... ☐YES CASE#_____

SPILLER

SPILLER INFORMATION:

IS THIS AN UPDATE TO FORM A: ☐ YES

DOES THIS CONSTITUTE A CONTINUOUS RELEASE: ☐YES IF CONTINUOUS, CR-ERNS #:_____

PERSON INITIATING THE CALL:_____

CALLER ORGANIZATION:_____

CALLER PHONE:_____ CALLER EMAIL:_____

ARE YOU THE SPILLER: ☐YES ☐NO IF NO, SPILLER ORGANIZATION:_____

SPILLER ORGANIZATION ADDRESS:_____

CITY:_____ STATE:_____ COUNTY:_____ ZIP:_____

SPILLER PHONE:_____ SPILLER EMAIL:_____

INCIDENT INFORMATION

INCIDENT INFORMATION:

DISCOVERY TIME:_____ DISCOVERY DATE:_____

NOTIFICATION TIME:_____ NOTIFICATION DATE:_____

INCIDENT LOCATION/ADDRESS:_____

INCIDENT CITY:_____ INCIDENT COUNTY:_____

MANUFACTURER/SHIPPER:_____

CAUSE OF RELEASE: ☐EXPLOSION ☐SPILL ☐OPERATOR ERROR ☐NATURAL PHENONENA ☐FIRE ☐DUMPING ☐EQUIPMENT FAILURE ☐OTHER*

*IF OTHER, DESCRIBE:_____

INCIDENT MODE: ☐AIRCRAFT ☐FIXED FACILITY ☐MOTOR CARRIER ☐MOTOR VECHICLE ☐PIPELINE ☐RAIL ☐ OTHER (DESCRIBE):_____

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Figure G-27: Sample Kansas Notification of Release Form, Page 1

INCIDENT INFORMATION

DESCRIBE WHAT HAPPENED:_____

_____

_____

WIND DIRECTION FROM:_____ WIND SPEED:_____MPH (0-5, 6-10, 11-15, etc)

WEATHER TYPE: ☐CLEAR ☐ SUNNY ☐ PARTLY CLOUDY ☐CLOUDY ☐DRIZZLE ☐LIGHT RAIN

☐ RAIN ☐ FOG ☐ SNOW ☐SLEET ☐OTHER:_____

RESIDENTS WITHIN ¼ MILE: ☐ NO ☐ YES, APPROXIMATE NUMBER:_____

PERSONAL INJURIES: ☐ NO ☐ YES, NUMBER:_____ FATALITIES: ☐ NO ☐ YES, NUMBER:_____

EMERGENCY CREWS ON SCENE:

☐ FIRE ☐ AMBULANCE ☐LAW ENFORCEMENT ☐EMERGENCY MGMT

☐ KS FIRE MARSHALL REGIONAL RESPONSE TEAM ☐ OTHER:_____

IS THE INCIDENT AREA SECURED: ☐YES ☐ NO

COMMODITY

NAME OF CHEMICAL/COMMODITY:_____

NAME OF PLACARD (UN NUMBER):_____ CAS NUMBER:_____

CARRIER NAME:_____ TRUCK/TRAIN #:_____ TRAILER/RAILCAR #:_____

QUANTITY RELEASED:_____ QTY. IN WATER:_____ CONTAINER CAPACITY:_____ UNITS:_____

PHYSICAL FORM (CHECK ALL THAT APPLY): ☐ LIQUID ☐SOLID ☐ GAS

MEDIUM AFFECTED (CHECK ALL THAT APPLY): ☐AIR ☐SOIL ☐WATER ☐ GROUNDWATER ☐ NONE

☐WITHIN FACILITY ☐ OTHER:_____

IF RELEASED TO WATER: TYPE OF WATERWAY:_____ NAME:_____

ACTIONS

ACTIONS TAKEN TO REMEDIATE THE INCIDENT: _____

_____

DID EVACUATIONS OCCUR: ☐ NO ☐YES, NUMBER EVACUATED: FACILITY:_____ PUBLIC:_____

DID SHELTER IN PLACE OCCUR: ☐ NO ☐ YES, NUMBER SHELTERED IN PLACE:_____

BOUNDARIES OF EVACUATION OR SHELTER IN PLACE AREA:_____

_____

OTHER PROTECTIVE ACTIONS RECOMMENDED:_____

_____

HEALTH RISKS

KNOWN OR ANTICIPATED ACUTE HEALTH RISKS: ☐NO ☐YES _____

KNOWN OR ANTICIPATED CHRONIC HEALTH RISKS: ☐NO ☐YES _____

IDENTIFY MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS:_____

_____

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Page **2** of **2**

Figure G-28: Sample Kansas Notification of Release Form, Page 2

MISSOURI NOTIFICATION OF RELEASE FORM

HAZARDOUS MATERIALS RELEASE FORM

Locally Dial 911
NRC Dial 1-800-424-8802
Missouri Department of Natural Resources 1-573-634-2436

Caller Name:_____ **Call Date:**_____

Affiliation:_____ **Time:**_____

Telephone: _____

Ref #:_____ **Yes / No**

Material Released:_____ **EHS:** _____ **DOT# / CAS #:** _____
Amount Released:_____ **Gals/Lbs:** _____
Date of Release:_____ **Time:**_____ **Duration:**_____ **Hrs** _____ **Min**

Release Medium:_____ **Air**_____ **Water**_____ **Land**_____
(include height and direction of plume) (----------describe terrain----------)

Weather Conditions:_____
(Direction, MPH, Temperature, etc.)

Location of Release:_____
(address – street, building #, City, County, etc.)

Facility Name: _____ **Address:** _____

Facility Emergency Contact Name:_____ **Address:**_____

Incident Description:_____
(Color, odor, solid, liquid, gas)

Nearby Populations:_____

Other Hazardous Materials Nearby:_____

Additional Notifications Made:

Local Fire Department	**Yes / No**	**Time:**_____
Community Emergency Coordinator	**Yes / No**	**Time:**_____
MO DEPT OF NATURAL RESOURCES	**Yes / No**	**Time:**_____
Federal National Response Center	**Yes / No**	**Time:**_____

Number of Dead / Injured:_____
Dead / Injured taken to:_____

Action Taken:_____

_____

Form Completed by:_____ _____
(Print Name and Title) (Signature)

Figure G-29: Missouri Notification of Release Form

Reporting Spills in Missouri

This serves as a guide and does not cover all spill reporting requirements Refer to the regulations or the resources and contacts listed on the back of this sheet for additional information. Always remember to call your local responders first.

Table G-44: Reporting Chemical Spills in Missouri

Spills to Report	Who Must Report	Who to Call	When to Report	Written Follow Up Required	Laws & Regulations
EPCRA extremely hazardous substance or CERCLA hazardous substance at or above its reportable quantity	Owner/operator	For any potentially impacted: Locality - LEPC/local responders **(typically) 911** State - SERC Information Coordinator **MO - MDNR: (573) 634-2436**	Immediately	Within 30 calendar days for all non-transportation related releases. Send to any potentially impacted LEPC and SERC. Submit Missouri SERC follow-up reports to SEMA	EPCRA: 40 CFR 355 Subpart C
CERCLA or Clean Water Act hazardous substance at or above its reportable quantity	Person in charge of vessel or facility	**NRC: (800) 424-8802**	Immediately	No	CERCLA: 40 CFR 302.6(a) Clean Water Act: 40 CFR 117.21
Any release of hazardous substance resulting in a hazardous substance emergency*	Person having control of hazardous substance	**MDNR: (573) 634-2436 or** **NRC: (800) 424-8802**	Earliest practical moment upon discovery	No	RSMO 260.500.6.b 260.505.4
ANY accident meeting 40 CFR 68.42 criteria, regardless of amount released	Risk Management Program facilities	No required calls	Within 6 months	Update 5-year accident history section of RMP	CAA 112(r)(7): 40 CFR 68.195

* Hazardous substance emergencies include (RSMP 260.500.6.b):

- Any release of hazardous substances at or above its reportable quantity, per CERCLA 103 or EPCRA 304
- Any petroleum product mentioned in the oil spill reporting table
- Any release of a hazardous waste reportable pursuant to sections RSMO 260.350 to 260.430
- Any release of a hazardous substance requiring immediate notice pursuant to 49 CFR 171 (Department of Transportation regulations)

Revised June 2021

Table G-45: Reporting Oil Spills in Missouri

Spills to Report	Who Must Report	Who to Call	When to Report	Written Follow Up Required	Laws & Regulations
Any oil reaching or threatening to reach waters of the U.S.	Any person in charge of a vessel or facility	**NRC: (800) 424-8802** or **EPA Region 7 Spill Line: (913) 281-0991**	Immediately	Only required for qualifying SPCC discharges; see SPCC in resources below for details	Clean Water Act: 40 CFR 110 40 CFR 112.4(a)
Any release of petroleum including crude oil or any fraction thereof, natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas) in excess of 50 gallons for liquids or 300 cubic feet for gases	Person having control of hazardous substance	**MDNR: (573) 634-2436** or **NRC: (800) 424-8802**	Earliest practical moment upon discovery	Upon request from a State of Missouri agency	RSMO 260.500.6.b 260.505.4
	Person having control of intrastate pipeline containing natural gas/natural gas mixtures	**Public Service Commission: (573) 751-3456**			
	Person having control of interstate pipeline containing natural gas/natural gas mixtures	**MDNR: (573) 634-2436** and **NRC: (800) 424-8802**			

Notes:

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

EPA - CERCLA/EPCRA reportable quantities are on EPA's "List of Lists": **www.epa.gov/epcra/consolidated-list-lists.** For more information on reporting releases of hazardous substance/oil, see: **www.epa.gov/emergency-response/when-are-you-required-report-oil-spill-and-hazardous-substance-release**

For more information on the Continuous Release Rule, which provides a reduced reporting option for facilities that release hazardous substances in a manner that is continuous and stable in quantity, see:
www.epa.gov/sites/production/files/201511/documents/reporting_requirements_for_continuous_releases_of_hazardous_substances_part_1.pdf

For more information on the Risk Management Program, see: **www.epa.gov/rmp**

EPCRA Emergency Planning and Community Right-to-Know Act: **www.epa.gov/epcra** For guidance on complying with EPCRA in the State of Missouri, visit: **https://sema.dps.mo.gov/docs/programs/executive/MERC/EPCRA_How_To_Comply.pdf**

LEPC Local Emergency Planning Committee. See **https://sema.dps.mo.gov/docs/programs/executive/MERC/LEPC_Manual/LEPC-addresses.pdf**

MDNR Missouri Department of Natural Resources

NRC Natural Response Center: **https://nrc.uscg.mil/Default.aspx**

RMP Risk Management Plan. For more information on the Risk Management Program, see: **www.epa.gov/rmp**

RSMO *Revised Statutes of Missouri*: **https://revisor.mo.gov/main/OneSection.aspx?section=260.500**

SERC State Emergency Response Commission

SEMA Missouri) State Emergency Management Agency: **http://sema.dps.mo.gov.**
Send spill follow-up reports to: Missouri State Emergency Management Agency; Attn: EPCRA Specialist, 2303 Militia Dr., Jefferson City, MO 65101

SPCC Spill Prevention, Control, and Countermeasures Follow-up reports are only required for SPCC facilities if there is a single discharge of 1,000 U.S. gallons, or two or more discharges each >42 U.S. gallons within 12 months. Send written report to the EPA Region 7 Administrator within 60 days of incident For more information, see: **www.epa.gov/oil-spills**

Reporting Spills in Kansas

This serves as a guide and does not cover all spill reporting requirements Refer to the regulations or the resources and contacts listed on the back of this sheet for additional information. Always remember to call your local responders first.

Table G-46: Reporting Chemical Spills in Kansas

Spills to Report	Who Must Report	Who to Call	When to Report	Written Follow Up Required	Laws & Regulations
EPCRA extremely hazardous substance or CERCLA hazardous substance at or above its reportable quantity	Owner / Operator	For any potentially impacted: Locality - LEPC/local responders **(typically) 911** State – SERC Information Coordinator **KS – State Spill Line: (785) 291-3333**	Immediately	Send to any potentially impacted LEPC and SERC within 7 calendar days for non- transportation related releases, per Kansas law Follow-up reports to the State of Kansas can be submitted online via KDEM's Online Form A submission website at **https://kansas.webeocasp.com**	EPCRA: 40 CFR 355 Subpart C Kansas: K.A.R. 28-48 K.A.R. 28.65-3
CERCLA or Clean Water Act hazardous substance at or above its reportable quantity	Person in charge of vessel or facility	**NRC: (800) 424-8802**	Immediately	No	CERCLA: 40 CFR 302.6(a) Clean Water Act: 40 CFR 117.21
ANY amount of substances, materials or wastes reaching soil or waters of Kansas	Owner/operator	**State Spill Line: (785) 291-3333**	Immediately	No	K.A.R. 28-48
ANY accident meeting 40 CFR 68.42 criteria regardless of amount released	Risk Management Program facilities	No required calls	Within 6 months	Update 5-year accident history section of Risk management Plan	CAA 112(r)(7): 40 CFR 68.195

Revised June 2021

Table G-47: Reporting Oil Spills in Kansas

Spills to Report	Who Must Report	Who to Call	When to Report	Written Follow Up Required	Laws & Regulations
Any oil reaching or threatening to reach waters of the U.S.	Any person in charge of a vessel or facility	**NRC: (800) 424-8802** or **EPA Region 7 Spill Line: (913) 281-0991**	Immediately	Only required for qualifying SPCC discharges; see SPCC in resources below for details	Clean Water Act: 40 CFR 110 40 CFR 112.4(a)
ANY amount of substances, materials or wastes reaching soil or waters of Kansas	Owner/operator (for facilities that are not oil exploration/ production wells)	**State Spill Line: (785) 291-3333**	Immediately	No	K.A.R. 28-48
Any spill of saltwater, oil or refuse that has reached/threatens to reach surface or ground water	Operator of oil exploration or production well	**State Spill Line (785) 291-3333** or **Call KCC District # 3 Office in Chanute:** District #3: **(620) 902-6450**	Immediately	No	K.A.R 82-3-603

Notes:

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

EPA - CERCLA/EPCRA reportable quantities can be found on EPA's "List of Lists": **www.epa.gov/epcra/consolidated-list-lists**

For more information on reporting releases of hazardous substance/oil, see:
www.epa.gov/emergency-response/when-are-you-required-report-oil-spill-and-hazardous-substance-release

For more information on the Risk Management Program, see: **www.epa.gov/rmp**

EPCRA Emergency Planning and Community Right-to-Know Act: **www.epa.gov/epcra**

K.A.R. Kansas Administrative Regulations: **www.kssos.org/pubs/pubs_kar.aspx**

KBI Kansas Bureau of Investigation: **www.kansas.gov/kbi.** Suspected methamphetamine lab reporting: **(800) 572-7463**

KCC Kansas Corporation Commission, Oil and Gas Production Related Spills: **www.kcc.ks.gov/conservation/cons_rr_091615.pdf** For map of counties in each district office, visit: **www.kcc.ks.gov/conservation/district_map.htm**

KDEM Kansas Division of Emergency Management: **www.kansastag.gov/spill**. Designated information coordinator for the Kansas SERC.

KDHE Kansas Department of Health and the Environment For more information on reporting spills, visit: **www.kdheks.gov/spill** KEPCRA - Kansas Emergency Planning and Community Right-to-Know Act: **https://www.kansastag.gov/kdem.asp?PageID=171**

K.S.A. Kansas Statutes Annotated: **www.ksrevisor.org/ksa.html**

LEPC Local Emergency Planning Committee. Find your LEPC**: www.kansastag.gov/KDEM.asp?PageID=158**

NRC National Response Center: **https://nrc.uscg.mil/Default.aspx**

SERC State Emergency Response Commission. Kansas's SERC is referred to as the Commission on Emergency Planning & Response (CEPR): **www.kansastag.gov/kdem.asp?PageID=408**

SPCC Spill Prevention, Control, and Countermeasures Follow-up reports are only required for SPCC facilities if there is a single discharge of >1,000 U.S. gallons, or two or more discharges each >42 U.S. gallons within 12 months Send written report to the EPA Region 7 Administrator within 60 days of incident For more information, see: **www.epa.gov/oil-spills**

Appendix H: Hazardous Materials Resources

It may be necessary for responding agencies to use specialized resources (e.g., equipment or personnel) to handle a hazmat (hazmat) incident. These resources may be maintained by regulated facilities and other responsible parties, provided through local emergency response agencies or local mutual aid agreements, procured, or contracted through private vendors, or made available through state/federal agencies or through the statewide mutual aid systems. Additional information can be found in the Kansas City Metropolitan Area Regional Coordination Guide Resource Annex.

EPCRA Regulated Facilities

A survey of Tier II facilities using/storing extremely hazardous substances (EHS) in the region was conducted to assess their capabilities of providing resources such as technical staff, equipment, or disposable assets to emergency service agencies. Some larger chemical facilities within the Mid-America Regional Council's (MARC) planning area indicated they could support off-site response operations with technical consulting services, spill response equipment, leak kits, etc., but would require some type of agreement outlining workers compensation, equipment insurance, and methods of reimbursement to cover costs.

Although no formal agreements or resource-sharing plans have been established with these facilities by public safety agencies, prior knowledge of these potential resources will lead to future development of these agreements outlining activation, deployment, cost, and availability of these resources in the community before they are needed. The following in-house response capabilities, equipment, and service were reported as available by some Tier facilities within the MARC region should resource-sharing agreements be developed.

Table H-48: EPCRA Facility Hazardous Material Resources

Resource Category	Resource Type
Equipment	• Self-Contained Breathing Apparatus (SCBA) • Chemical Protective Suits • Unmanned Fire Monitors • Foam Deployment Systems • Leak Mitigation Kits (conventional and specialized) • Firefighter Gear (bunker gear) • Portable Gas Detectors • Booms & Pigs • Chemical Storage (above and underground tanks) • Chemical Transport Equipment • Portable Generators • Chemical Pumps and Hoses • Foam Bank • Decontamination Solutions • Peatsorb and Bulk Floor Dry • Firefighting Equipment • Radios • Computers

Resource Category	Resource Type
	• WebEOC Software • Pagers • Plume Modeling Software • Mass Notification Software • Chemical Surveillance Detectors • Chemical Lab Testing Equipment • Cameo/Marplot Software
Personnel	• HAZWOPER • First Aid • Incident Commander • Hazardous Materials Awareness • Hazardous Materials Operations • Hazardous Materials Technician • Chemists • Confined Space Rescue • Chemical Engineers • Certified Health & Safety Managers • Mechanical Engineers • Industrial Hygienists • Hazardous Materials Specialists

LOCAL EMERGENCY SERVICE AGENCIES

Within the MARC region, various local emergency service agencies/organizations (e.g., law enforcement, fire, emergency medical services) can provide specialized equipment and personnel to support hazmat response operations. The following table outlines the types of resources that may be available through these local emergency service agencies.

Table H-49: Local Emergency Service Hazmat Resources

Resource Location/Agency	Resource Type	Resource Capability
Kansas City Fire Department (Missouri)	Hazmat Entry Team	▪ FEMA Type-2 ▪ (Equipped and trained to handle all unknown industrial chemical hazards in liquid, aerosol, powder, solids and vapor/gas forms.) ▪ Weapons of Mass Destruction (WMD)
Lee's Summit Fire Department (Missouri)	Hazmat Entry Team	▪ FEMA Type-2 ▪ WMD
Tri-District Hazardous Materials Response Team (HMRT) - Central Jackson County, Fort Osage, Sni Valley Fire Protection District (Missouri)	Hazmat Entry Team	▪ FEMA Type-2 ▪ WMD/CBRNE ▪ Metropolitan Medical Response System (MMRS) MCI-WMD Trailer

Resource Location/Agency	Resource Type	Resource Capability
Independence Fire Department (Missouri)	Hazmat Entry Team	▪ FEMA Type-2 ▪ WMD
Kansas City Fire Department (Kansas)	Hazmat Entry Team	▪ FEMA Type-2 ▪ WMD
Leavenworth Fire Department (Kansas)	Hazmat Entry Team	▪ FEMA Type-2 ▪ WMD
Overland Park Fire Department (Kansas)	Hazmat Entry Team	▪ FEMA Type-2 ▪ WMD
Olathe Fire Department (Kansas)	Hazmat Entry Team	▪ FEMA Type-2

Notes:

CBRNE Chemical, biological, radiological,nuclear, and explosive

MCI Mass-casualty incident

FEMA Federal Emergency Management Agency

WMD Weapons of mass destruction

Local emergency management agencies and hazmat teams in the region maintain information regarding the resources available in their individual jurisdictions This information is included in local plans and in supporting documents (i.e., procedures, checklists, guidelines, operating manuals) maintained by first responders.

Hazmat Teams

Eight hazmat teams response teams are available in the MARC region, including seven with enhanced weapons of mass destruction (WMD) response capabilities. Enhanced hazmat teams meet U.S. Department of Homeland Security Type 2 Hazmat Entry Team standards. Each team has the ability to perform field-testing, air sampling and collection of known or suspected WMD agents or other chemicals; to detect and monitor for radiation sources; capable of stopping the release of WMD agents and other hazardous substances; to decontaminate equipment, personnel and citizens; and personnel are trained to applicable standards associated with hazmat response activities.

Additionally, the Federal Bureau of Investigation (FBI) regional office(s) maintain a hazmat response team, as well as the Civil Support Teams (CST) from the Missouri National Guard (7th CST) and Kansas National Guard (73rd CST).

Hazmat teams can be requested through mutual aid. The process for accessing hazmat team resources are outlined in Emergency Support Function (ESF) #10 Oil and Hazardous Material Annex of the Kansas City Metropolitan Area Regional Coordination Guide.

REGION VII RESOURCES

Region VII Cybersecurity and Infrastructure Security Agency (CISA) has improved the delivery of services to critical infrastructure owners and operators and state, local, tribal and territorial partners, and enhancing support to existing Infrastructure Security Division (ISD) field staff by relocating administrative, logistical, and regional operations capabilities to Region VII The functions include efforts such as coordinating training and exercises for regional stakeholders; developing internal IP regional

plans and participating in external planning with regional partners; providing advice and expertise to regional stakeholders on information protection, ISD data tools, sector specialties, resilience and recovery; and providing mission support during steady-state, special events, and incident response.

The CISA regional office staffs a cadre of specialized personnel, including **Infrastructure Security Division Protective Security Advisors**, **Chemical Facility Anti-Terrorism Standards Chemical Security Inspectors**, **Cybersecurity Division Cyber Security Advisors**, **Emergency Communications Division Coordinators**, and visiting Cybersecurity and Infrastructure Security Agency personnel. For Region VII office specific information, contact the Region VII CISA Office at: **CISARegion7@hq.dhs.gov**.

OTHER PUBLIC RESOURCES

In addition to the hazmat teams, other regional resources include specialized equipment and teams for response to a variety of emergency incidents. Regional resources include communications equipment, command vehicles, heavy rescue teams, WMD mass-casualty incident medical trailers, and other vehicles. For more information on the all-hazard resources and capabilities available in the region, see the ESF #7 Logistics Management & Resource Management Annex of the Kansas City Metropolitan Area Regional Coordination Guide. A variety of state and federal resources and technical assistance may be available to local officials from agencies tasked with responsibilities in state and federalplans.

The following is a list of selected state and federal hazmat response special teams/resources that may be available through the United States Environmental Protection Agency (EPA) and EPA Federal On-Scene Coordinators (OSC):

- Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams
- Department of Energy Nuclear Emergency Support Team
- United States Environmental Protection Agency
  - Environmental Response Team (ERT)
  - Region 7 Regional Response Team (RRT)
  - Office of Enforcement, Compliance, and Assurance, National Counter-terrorism Evidence Response Team (NCERT)
  - Radiological Emergency Response Team (RERT [EPA])
  - Diving Program
  - Emergency Communications and Outreach Team
  - Emergency Response Peer Support and Critical Incident Stress Management (Peer Support/CISM) Team
- Federal Bureau of Investigation (FBI)
  - Omaha, Nebraska Regional Office, Hazmat/WMD Expert
  - Kansas City, Kansas Regional Office
  - Laboratory Division, Hazardous Materials Response Unit (HMRU)
- National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division
- Occupational Safety and Health Administration Health Response Team (OSHA HRT)
- Department of Defense

- Joint Director of Military Support
- United States Navy Supervisor of Salvage and Diving (SUPSALV)
- United States Army Corps of Engineers Rapid Response Program (USACE RR)
- U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF)

- Department of Homeland Security
  - Federal Emergency Management Agency, Metropolitan Medical Response System (MMRS)
  - United States Coast Guard
    - National Pollution Funds Center (NPFC)
    - United States Coast Guard National Strike Force (NSF) – Atlantic Strike Team
- United States National Guard Civil Support Teams (USNG CST)
  - Missouri National Guard (7th CST)
  - Kansas National Guard (73rd CST)

MUTUAL AID

Mutual aid is designed to ensure adequate resources; facilities and other support are provided to jurisdictions whenever their own resources prove inadequate to address rescue, relief, evacuation, rehabilitation and/or recovery associated with an emergency or disaster. Mutual aid agreements should be in place before an incident occurs. Several are in place within the region between response partners and neighboring jurisdictions.

Missouri

The Missouri Mutual Aid System is authorized under Section 44.090.1 of the Revised Statutes of the State of Missouri (RSMo). This statute describes participation by local jurisdictions in a statewide mutual aid system. This statewide fire mutual aid system is called the Missouri Systems Concept of Operational Planning for Emergencies (MoSCOPE). MoSCOPE provides a basis for command and management for any type of response. The use of MoSCOPE provides common principals giving local responders reasonable expectations, whether requesting or lending assistance.

Kansas

Kansas mutual aid assistance (including the provision of firefighting capabilities) is authorized by the Kansas Statutes and Authorities (KSA) 48-950. The Kansas mutual aid system allows all political subdivisions in the state to lend mutual aid assistance upon request. All political subdivisions in the state are automatically part of the Kansas mutual aid system unless they elect not to participate or to later withdraw by formal adoption of an appropriate resolution by its governing body.

National

The Emergency Management Assistance Compact (EMAC) is a national interstate mutual aid agreement that enables states to share resources during times of disaster. EMAC acts as a complement to the federal disaster response system, providing timely and cost-effective relief to states requesting assistance from assisting member states who understand the needs of jurisdictions that are struggling to preserve life, the economy, and the environment. EMAC can be used in lieu of federal assistance or in conjunction with federal assistance, thus providing a seamless flow of resources and services to an

impacted state. EMAC further provides another venue for mitigating resource deficiencies by ensuring maximum use of all available resources within member states' inventories. EMAC is activated at the state level and resources requests are made through the state's emergency management agency.

PRIVATE SECTOR

Within the MARC planning area, various private sector organizations can provide specialized equipment and personnel to support hazmat response and recovery operations. The following table outlines the types of resources that may be available through private sector organizations.

Table H-50: Private Sector Hazmat Resources

Resource Location/Agency	Resource Type	Resource Capability
ESI Contracting Corps. (Kansas City, MO)	Hazardous Materials Containment and Remediation	Emergency response for vacuum trucks, frac tanks, heavy equipment, and tankers with personnel
Haz-Mat Response, Inc. (Olathe, KS)	Hazardous Materials Containment and Remediation	Emergency response for spill response, confined space, air monitoring, soil remediation, heavy equipment and vacuum trucks, hazmat waste, and portable liquid storage

CHEMTREC

CHEMTREC is a 24/7 emergency call center that provides immediate critical response information during emergency incidents involving chemicals, hazmat, and other dangerous goods. CHEMTREC administers the CHEMNET program, which is a network of for-hire contractors for CHEMTREC registrants who may need the services of an emergency response contractor at the scene of an incident involving their product. CHEMNET industry members also offer mutual-aid to other chemical companies through provision of emergency and technical information. The CHEMNET list is a resource for shippers, carriers, and others that require the services of a contractor for response to an incident involving hazmat. Upon request, CHEMTREC can link the shipper with the CHEMNET contractor closest to the incident site. CHEMTREC can also link medical personnel at the emergency room with medical specialists from the shipper. Additionally, several contract emergency response companies that may be available to provide assistance and resources (i.e., Haz-Mat Response Inc., Heritage, Veolia, Clean Harbors).

Plan Bulldozer

"Plan Bulldozer" is a regional mutual aid agreement with heavy constructors/contractors in the metropolitan area. Plan Bulldozer describes the types of heavy equipment resources potentially available to local jurisdictions, and provides 24-hour contact information for accessing these resources Compilation and publication of the plan's Emergency Resource Catalog are performed by the Greater Kansas City Heavy Constructors Association (HCA) and the Kansas City Chapter of the Associated General Contractors of America. **https://www.kcheavyconstruction.com/erc.html**

The following steps are necessary to utilize "Plan Bulldozer":

1. Establish an MOU between the local jurisdiction and the Association.

2. The requesting party (governmental agency) notifies the Association that a disaster has occurred and indicates that the jurisdiction does not have the specialized equipment necessary to alleviate the situation.
3. As soon as practicable, an Association Command Center is established to process requests for aid. In turn, the jurisdiction collects, evaluates, and prioritizes all requests and disseminates them in writing to the Association's Command Center from its EOC or any other location designated for collection and processing of requests.
4. Upon receipt of the information by the Association's Command Center, the requests for assistance are submitted to the participating contractors.
5. Depending upon the situation, communications are established between the responsible jurisdiction's Departments or Divisions and the participating contractor to exchange all pertinent information for fulfillment and coordination of specific projects.
6. This process continues until the crisis phase of a "disaster" has passed, as determined in writing by the jurisdiction.
7. After the crisis has passed, the Association no longer has to maintain the Communications Center, and all requests for construction and demolition work proceed through the normal "sample jurisdiction" contractual bidding procedures.
8. After the termination of the crisis and as soon as practicable, the participating contractors provide all information about costs incurred during response operations to the jurisdiction that submitted the requests for aid.

Appendix I: Pre-Scripted Messaging

The following pre-scripted message templates are intended to assist public safety organizations in the region with timely dissemination of public information and warning regarding different types of hazmat incidents.

UNIDENTIFIED HAZARDOUS MATERIALS INCIDENT

"This is (name of agency) An unidentified substance which may be hazardous has been (spilled/released) at (location). Please avoid the area, if possible, while crews are responding The best alternate routes are (list routes). If you are already in the area, please be patient and follow the directions of emergency response personnel. The substance will be evaluated by specially trained personnel and further information will be released as soon as possible. Thank you for your cooperation."

LOW-RISK HAZARDOUS MATERIALS INCIDENT

"This is (name of agency). A small amount of (name of chemical or material), a hazardous material, has been (spilled/released) at (location). Streets are blocked, traffic is restricted, and authorities have asked residents in the immediate area to evacuate or shelter-in-place. Please avoid the area The material is (slightly/highly) toxic to humans and can cause the following symptoms: (symptoms) If you think you may have come in contact with this material, you should (provide health instructions and hotline number, if available). For your safety, please avoid the area Alternate routes are (routes) and traffic is being diverted. If you are now near the spill/release area, please follow the directions of emergency response personnel Clean-up crews are on the scene Thank you for your cooperation."

HIGH-RISK HAZARDOUS MATERIALS INCIDENT (EVACUATION MANDATORY)

"This is (name of agency). A (large/small) amount of (name of chemical or material), a highly hazardous substance, has been (spilled/released) at (location) Because of the potential health hazards, authorities are (requesting/requiring) all residents within (number of blocks/miles) of the area to evacuate. If you are within (evacuation zone boundaries), you and your family (should/must) leave (as soon as possible/now) Go immediately to the home of a friend or relative outside the evacuation area or to (indicate shelters). If you can drive a neighbor who has no transportation, please do so. If you need transportation, call (provide telephone number). Children attending the following schools: (list schools) will be evacuated to (location) Please do not drive to your child's school. Pick your child up from school authorities at the evacuation center Listen to this station for further instructions. The material is highly toxic to humans and can cause the following symptoms: (symptoms). If you are experiencing any of these symptoms, seek help at a hospital outside the evacuation area, or at the evacuation center at (location). To repeat, if you are in the area of (location/boundaries), you (should/must) leave for your own safety. Do not use your telephone unless you need emergency assistance. Thank you for your cooperation."

HAZARDOUS MATERIAL INCIDENT – SUMMARY STATEMENT FOR MEDIA:

"At approximately (time a.m./p.m.) today, a (spill/release) of potentially hazardous material was reported to this office. Emergency services personnel were immediately dispatched to cordon off the area and direct traffic. The material was later determined to be (name of chemical or material), a (hazardous/harmless) (chemical/material/gas) which, upon contact, may produce symptoms of (list symptoms). A precautionary evacuation of the (location) area surrounding the spill was (requested/required). Approximately (number) of persons were evacuated. Clean-up crews from (agency/company) were dispatched to the scene, and normal traffic had resumed by (time), at which time residents could return to their homes. There were no injuries reported – OR – (number) persons, including (number) of emergency personnel, were treated at area hospitals for (injuries/symptoms) and (all/number) were later released. Those remaining in the hospital are in (condition, i.e., serious, critical, etc.) condition. Response agencies involved were (list agencies)."

Appendix J: Acronyms List

Acronym	Term
AADTT	Annual daily truck traffic
AAR	Association of American Railroads
ARES	Amateur Radio Emergency Service
ATSDR	Agency for Toxic Substances and Disease Registry
BLEVE	Boiling liquid expanding vapor explosion
BTS	Bureau of Transportation Statistics
BNSF	Burlington Northern / Santa Fe Railway
CAA	Clean Air Act
CBIRF	Chemical Biological Incident Response Force
CBRNE	Chemical, biological, radiological, nuclear, or explosive
CDC	Centers for Disease Control and Prevention
CEPR	Kansas Commission on Emergency Planning and Response
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	*Code of Federal Regulations*
CISA	Cybersecurity and Infrastructure Security Agency
CPG	Comprehensive Preparedness Guide
CPR	Canadian Pacific Railway
CSR	*Code of State Regulations*
CST	Civil Support Team
DBA	Doing business as
decon	Decontamination
EAS	Emergency Alert Systems
EHS	Extremely hazardous substance
EMAC	Emergency Management Assistance Compact
EMS	Emergency Medical Services
EOC	Emergency operations center
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
ERG	Emergency Response Guide
ERT	Environmental Response Team
ESF	Emergency Support Function
FAA	Federal Aviation Administration
FAR	Federal Aviation Administration Regulation
FBI	Federal Bureau of Investigation

Acronym	Term
FEMA	Federal Emergency Management Agency
FR	*Federal Register*
FRS	Facility Registry System
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
GIS	Geographic Information System
Hazmat	Hazardous material
HAZWOPER	Hazardous Waste Operations and Emergency Response
HCC	Hospital Command Center
HERG	Healthcare Emergency Response Guide
HHS	U.S. Department of Health and Human Services
HICS	Hospital Incident Command System
HEPA	Hazmat Emergency Preparedness Alliance
HIFLD	Homeland Infrastructure Foundation-level Data
HMRT	Hazardous Materials Response Team
HMRU	Hazardous Materials Response Unit
HMTUSA	Hazardous Materials Transportation Uniform Safety Act
HRT	Health Response Team
HSPD	Homeland Security Presidential Directive
I	Interstate (highway)
IBC	Intermediate bulk container
ICP	Incident command post
ICS	Incident Command System
IDLH	Immediately dangerous to life and health
IM	Intermodal tank container
IP	Internet protocol
IPAWS	Integrated Public Alert and Warning System
ISD	Infrastructure Security Division
JIC	Joint Information Center
Jo Co	Johnson County
KAR	*Kansas Administrative Regulations*
KBI	Kansas Bureau of Investigation
KCC	Kansas Corporation Commission
KCMMRS	Kansas City Metropolitan Medical Response System
KCMO	City of Kansas City, Missouri
KCS	Kansas City Southern Railway
KCT	Kansas City Terminal Railway
KDEM	Kansas Division of Emergency Management

Acronym	Term
KDHE	Kansas Department of Health and Environment
KDOT	Kansas Department of Transportation
KEPCRA	Kansas Emergency Planning and Community Right-to-Know Act
KS	Kansas
KSA	*Kansas Statutes Annotated*
lb	Pounds
LEL	Lower Explosion Limit
LEOP	Local emergency operations plan
LEPC	Local Emergency Planning Committee
LEPD	Local Emergency Planning District
LLC	Limited Liability Corporation
LPG	Liquified petroleum gas
M&NA	Missouri & Northern Arkansas Railroad
MARC	Mid-America Regional Council
MARCER	Mid-America Regional Council Emergency Rescue
MCI	Kansas City International Airport or Mass Casualty Incident
MDNR	Missouri Department of Natural Resources
MEMC	Metropolitan Emergency Management Committee
MERC	Missouri Emergency Response Commission
MMRS	Metropolitan Medical Response System
MO	Missouri
MODOT	Missouri Department of Transportation
MoSCOPE	Missouri Systems Concept of Operational Planning for Emergencies
MOU	Memorandum of Understanding
NARR	Non-accident railroad release
NCERT	National Counter-terrorism Evidence Response Team
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
N.E.C.	Not elsewhere classified
NFPA	National Fire Protection Association
NG	Natural gas
NGL	Natural gas liquid
NIMS	National Incident Management System
NOAA	National Oceanic and Atmospheric Administration
NPFC	National Pollution Funds Center
NRC	National Response Center
NRF	National Response Framework
NRP	National Response Plan
NS	Norfolk Southern Railway
NSF	National Strike Force

Acronym	Term
NTAD	National Transportation Atlas Database
OR&R	Office of Response and Restoration
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
OTR	Over-the-road
PDD	Presidential Defense Directive
PHMSA	Pipeline and Hazardous Materials Safety Administration
PPD	Presidential Policy Directive
PPE	Personal protective equipment
PRD	Product
PSAP	Public safety answering point
psig	Pounds per square inch gauge
RAPIO	Regional Association of Public Information Officers
RCG	Regional Coordination Guide
RCRA	Resource Conservation and Recovery Act
RERT	Radiological Emergency Response Team
RHCS	Regional Health Care Coordination System
RHMEPP	Regional Hazardous Materials Emergency Preparedness Plan
RHSCC	Regional Homeland Security Coordinating Committee
RMP	Risk management plan
ROW	Right-of-way
RQ	Reportable quantity
RR	Rapid Response Program
RRT	Regional Response Team
RSMO	*Revised Statues of Missouri*
SARA	Superfund Amendment Reauthorization Act
SCBA	Self-Contained Breathing Apparatus
SDS	Safety Data Sheet
SEMA	State Emergency Management Agency
SERC	State Emergency Response Commission
SOG	Standard operating guide
SPCC	Spill Prevention, Control, and Countermeasures
SUPSALV	Supervisor of Salvage and Diving
TEPC	Tribal Emergency Planning Committees
TIH	Toxic inhalation hazard
TPQ	Threshold planning quantity
TRI	Toxics Release Inventory

Acronym	Term
UN/NA ID	United Nations / North America Identification
UP	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USC	*United States Code*
USDOT	U.S. Department of Transportation
WMD	Weapon of mass destruction

APPENDIX H: HAZMAT ACTION PLAN & RESOURCE GUIDE

REGIONAL HAZARDOUS MATERIALS

Regional HAZMAT Action Plan

Purpose

The purpose of this document is to provide first responding agencies and stakeholders with 1) a comprehensive set of actions in support of a hazardous materials response in the Kansas City Region; and 2) regional resources and expertise that may be available to support responding agencies and stakeholders during a hazardous materials incident. The key actions and operations are only considerations and may not be applicable in every situation. **Responding agencies should always defer to local policies and procedures**.

*Note: Actions taken by emergency responders shall be based up on the need to protect life, health, property, and the environment.

Key Actions and Operations	Regional Resources	Considerations
Firefighting - HAZMAT (Regional Coordination Guide: ESF 4 - Firefighting and ESF 10 – Oil and Hazardous Materials)		
Approaching the Scene	N/A	Upwind, uphill, and upstream
Arriving at the scene, establish Command	Fire Departments (Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List)	First arriving unit established the ICS
Recognition that HAZMAT is required	Fire Departments (Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List)	First Responder use of Emergency Response Guidebook (**ERG**), placards, etc.
Initial chemical identification utilizing placards or other visible markings	N/A	Emergency Response Guidebook (**ERG**), Wireless Information System for First Responders (**WISER**) Smartphone App

Key Actions and Operations	Regional Resources	Considerations
Utilize Emergency Response Guidebook for initial (30 minutes) actions guidance	N/A	ERG and WISER
Initiate initial Defensive Measures	N/A	
Initiate/request perimeter to be established	Law Enforcement (Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List)	Dispatch resources
Identify initial PPE (Personal Protective Equipment) requirements and advise all personnel	N/A	ERG
Establish initial perimeter based upon ERG guidance (day/night), chemical type, plum (if any), fire involved, flowing liquid, etc.	Fire Departments (Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List)	ERG and WISER
Identify initial Hot-Warm-Cold Exclusion Zones based upon initial ERG guidance, update as required or as appropriate based on new information.	Regional Hazardous Materials Emergency Preparedness Plan: Concept of Operations	ERG
Initiate/transfer to formalized HAMZAT Incident Command, as applicable	Regional Hazardous Materials Emergency Preparedness Plan – Hazardous Materials Response ICS Positions	
Establish HAZMAT Group Supervisor ICS position	Regional Hazardous Materials Emergency Preparedness Plan – Incident Management	HAZMAT Incident Command System (ICS) Model
Establish Site Safety Officer	Per LEPC Policy a safety officer will be appointed on a HAZMAT scene.	
Identify and implement changes to PPE requirements, as needed	N/A	
Identify level of response required/appropriate	Regional Hazardous Materials Emergency Preparedness Plan – Incident Management (Level 1, 2 or 3) Regional Coordination Guide: Base Plan Regional Coordination Levels: implement regional	ERG

Key Actions and Operations	Regional Resources	Considerations
	situational awareness and coordination based on established Regional Coordination Level	
Establish unified/interoperable communications with responding agencies and supporting units as appropriate	Regional Tactical Interoperability Communications (TIC) Plan Regional Resource Annex: ESF 2 Communications	Establish interoperable communications with other responders
Identify the level of resources required/appropriate	Regional Hazardous Materials Emergency Preparedness Plan – Incident Management	Level 1 , Level 2, Level 3
Identify HAZMAT Priorities	N/A	Life Safety, Incident Stabilization, Property Conservation, Environmental Considerations
Identify HAZMAT Objectives: Analyze, Plan, Implement, Evaluate	N/A	HAZMAT Supervisor or IC
Site Characterization – Oil Spill • Air - Monitoring & Sampling • Soil – Monitoring & Sampling • Surface Water - Monitoring & Sampling • Ground Water – Monitoring & Sampling	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team	Placards, manifest, bill of lading Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	(EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization- Chemical-Commercial • Air - Monitoring & Sampling • Soil – Monitoring & Sampling • Surface Water - Monitoring & Sampling • Ground Water – Monitoring & Sampling	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) •	Placards, manifest, bill of lading Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Chemical Warfare Agent • Air - Monitoring & Sampling • Soil – Monitoring & Sampling • Surface Water - Monitoring & Sampling • Ground Water – Monitoring & Sampling	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement,	Placards, manifest, bill of lading Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Biological • Air - Monitoring & Sampling • Soil – Monitoring & Sampling • Surface Water - Monitoring & Sampling • Ground Water – Monitoring & Sampling	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response	Placards, manifest, bill of lading Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Radiological • Air - Monitoring & Sampling • Soil – Monitoring & Sampling • Surface Water - Monitoring & Sampling • Ground Water – Monitoring & Sampling	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support	Placards, manifest, bill of lading Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Identify the need for, and initiate, as appropriate: HAZMAT Ops, HAZMAT Safety, HAZMAT Medical, Rehab, PIO	Regional Hazardous Materials Emergency Preparedness Plan:	

Key Actions and Operations	Regional Resources	Considerations
	Appendix A – Stakeholder Contact Information List Regional Resource Annex: ESF 10	
Identify the need for, and initiate as appropriate HAZMAT Equipment Officer	Regional Resource Annex: ESF 10	Identifies equipment required for the HAZMAT Team: suits, tools, monitoring and decontamination equipment
Initiate Offensive Measures, as appropriate	N/A	
Identify if an entry team is needed, if so also identify and initiate a backup team	Regional Resource Annex: ESF 10 Note: Multiple enhanced HAZMAT teams exist in the region	
Initiate Containment and Control measures	N/A	Stop the incident from growing
Initiate detection and monitoring, as appropriate	Regional Resource Annex ESF 10 Area Rae's BioSense Chemical Event Shipping Supply Locations (CESSL) Program	Chemical-Biological-Radiological-Nuclear-Explosive (CBRNE) monitoring
Obtaining hazard and handling information	Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List	
Establish Decontamination	Regional Resource Annex: ESF 10 (Mass Decontamination Trailer) RCG, ESF #8 – Public Health and Medical (Gap: need to identify regional hospitals' decon capabilities)	Establish Decontamination line if PPE is required on scene
Identifying key expertise	Regional Hazardous Materials Emergency Preparedness Plan: Appendix H Hazardous Materials Resources–	Leverage manufacturer SME and CHEMTREC

Key Actions and Operations	Regional Resources	Considerations
	Table H-49| Eight regional HazMat Teams, including KCFD Chemist	
Establish reentry criteria and process	N/A	Post incident operations, identify priorities for business reentry and then residential reentry. Verify that business and residence live or work in the area prior to allowing access to a limited access area post incident.
Comply with OSHA regulations	N/A	
Cleanup and disposal	Regional Resource Annex: ESF 10 Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List	When possible, work with HAZMAT vendor for cleanup and disposal. See utilities below.
Dispatch - Alert and Warning		
Coordination of responding units	Public Safety Answering Point (PSAPs)/Dispatch	
Establish a common working channel for on scene operations	Public Safety Answering Point (PSAP)|CommL (Communication Unit Leader)	As appropriate for the size of the incident and as requested by the HAZMAT IC , establish a Command Channel, HAZMAT Tactical Channel, etc.
Identify if a tactical dispatcher is required to be assigned to the incident	Public Safety Answering Point (PSAPs)/Dispatch	Tactical dispatcher may be at the dispatch center or for large scale incidents can be forward deployed as part of a tactical dispatch team
Assist in establishment of a perimeter as requested by first arriving unit, HAZMAT or the Incident Commander	Dispatch deploys resources to perimeter	
Assist in mass notification and alerting	Emergency Management (MEMC) and RAPIO	
Activate the Emergency Alert System or IPAWS as requested	Integrated Public Alert & Warning System (IPAWS)	

Key Actions and Operations	Regional Resources	Considerations
Provide weather updates as available and appropriate	National Weather Service Forecast Office	
Law Enforcement (Regional Coordination Guide: ESF 13 – Public Safety and Security)		
Approaching the scene	N/A	Up wind, Up Hill, Up Stream
Arriving at the scene, establish Command, unified command or supporting role	N/A	Establish command until Fire or HAZMAT arrive then transfer Command
Recognition that HAZMAT is required	N/A	First arriving law enforcement (if arriving prior to fire department or HAZMAT): use ERG, placards, etc.
Ensure that law enforcement operations are established outside of the hot zone	N/A	
Establish initial perimeter	N/A	For initial perimeter bigger is always better
Support HAZMAT Incident Commander with information and intelligence gathering if requested and as appropriate	N/A	Vehicle, building, subject background information and identification
Notify Fusion Center (Information Sharing) if suspected WMD/CBRNE incident is deliberate in nature or if there is a suspected act of terrorism	Kansas City Regional Fusion Center	
If a crime or act of terrorism is suspected request a crime scene unit to respond to document the scene.	Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List	Photograph not only the scene but also anyone that is watching the scene. Still and video photography can assist follow up investigative actions.
Door-to-Door evacuation notifications	N/A	Door to door notification to evacuate if requested by the HAZMAT Incident Commander (IC)
Establish a staging area with security for relocated residents and business owners.	N/A	Consider posting law enforcement on site to ensure security of

Key Actions and Operations	Regional Resources	Considerations
		residents and business owners.
Emergency Pre-Hospital Care (Regional Coordination Guide: ESF 8 – Public Health and Medical Services)		
If a significant public health and/or medical response is anticipated, activate the Regional HCC Response Plan.	MARC HCC Response Plan: Concept of Operations and Activation	
Disseminate public information and health-related information	**Local Public Health**: Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List **RAPIO**: Regional Resource Annex: ESF 15	
If requested, provide an EMS representative to the on scene Unified Command or a representative to the Emergency Operations Center (EOC)	**EMS agencies**: ESF#8 – MARCER Mass Casualty Incident Plan (MCI)	EMS Supervisor with decision making authority
Initiate medical surveillance of HAZMAT personnel utilizing a personal exposure record	N/A	Example format: 1. Basic Medical 2. Chronological Exposure Record 3. Exposure Narrative Record 4. Chemical Exposure Record 5. Incident Notes 6. Incident Reference Schematic 7. Chemical Exposure Summary
Poison Control Center notification and coordination, as appropriate		Poison Control Center: 1-800-222-1222
Be aware of potential Biohazards and wear appropriate PPE	N/A	EMS, Hospitals & Poison Control Coordination Consideration should be given especially within the confined

Key Actions and Operations	Regional Resources	Considerations
		space of a rescue unit or ambulance
Be aware of potential radiological hazards and utilize appropriate measures to protect staff (time-distance and shielding)	Radiological Emergency Assistance Center/Training Site (REACT/S)	DOE Radiological Emergency Assistance Center/Training Site 865-576-3131 Information 865-576-1005 (after hours-ask for REACT/S
Be aware of potential clandestine drug labs- patient contamination and or staff contamination	Poison Control	Fentanyl is a key example
Mass casualty incident, or MCI, results in a number of patients that overwhelms the responding agency's resources	RCG: ESF#8 – MARCER Mass Casualty Incident Plan (MCI) Regional Resource Annex: ESF 8 - Mass Casualty Incident (MCI) Trailer	
Fatality Management	KCRMORG Regional Resource Annex: ESF 8 - Mobile Morgue Equipment with 53-feet Refer Trailer	Coordinate mortuary affairs with law enforcement for investigations
Hospitals (Regional Coordination Guide: ESF 8 – Public Health and Medical Services)		
Initiate information gathering from EMS units in route to the hospital with patients	EMResource ESF#8 – MARCER Mass Casualty Incident Plan (MCI) Community Plan for Ambulance Diversion for the Greater Kansas City Metropolitan Area Kansas City Regional Patient Movement Plan	Examples of information to determine: 1. Type of Incident 2. Type of decontamination already performed 3. Estimated time of arrival 4. Type of Chemical 5. Location within the community 6. Wind direction and speed 7. Number of patients 8. Signs and symptoms

Key Actions and Operations	Regional Resources	Considerations
		9. Quantity of chemical 10. Who is on scene
Identify the arrival of contaminated patients	**Area Hospitals**: ESF#8 – MARCER Mass Casualty Incident Plan (MCI) RCG: ESF #8 – Public Health and Medical (Gap: need to identify regional hospitals' decon capabilities) Chemical Event Shipping Supply Location (CESSL) Program - Kansas	
Determine if forward deployed representative or triage support is required on scene	N/A	
Ensure patients are decontaminated prior to entry into the emergency department/room. Exterior triage may be required, as appropriate	Local hospital plans, policies and procedures EMS decontamination protocols RCG, ESF #8 – Public Health and Medical (Gap: need to identify regional hospitals' decon capabilities)	In most cases, the decontamination solution of choice is water and a mild detergent (a pure type of soap is typically suggested to lessen the possibility of a reaction occurring with some chemical contaminants).
Poison Control Center notification and coordination, as appropriate	N/A	Poison Control Center: 1-800-222-1222
Be aware of potential Biohazards and wear appropriate PPE	N/A	
Be aware of potential radiological hazards and utilize appropriate measures (time-distance and shielding)	N/A	
Be aware of potential clandestine drug labs- patient contamination	N/A	Fentanyl is a key example
Emergency Management (Regional Coordination Guide: ESF 5 – Information and Planning)		
Support on scene Incident Command Operations	Regional Resource Annex: Key Regional Emergency Management Contacts	If the incident size/level warrants it, support the on-scene

Key Actions and Operations	Regional Resources	Considerations
	MEMC	Incident Commander by filling ICS functions as requested (Logistics, Admin, etc.).
If incident is large enough, consider activating the EOC to an appropriate activation level to support on scene operations	Regional Resource Annex: Key Regional Emergency Management Contacts Regional Coordination Guide: Base Plan Regional Coordination Levels: implement regional situational awareness and coordination based on established Regional Coordination Level	A partial activation may be appropriate to support long term planning, logistics, etc.
Supply Situational Awareness support to On Scene Incident Commander	Regional Resource Annex: Key Regional Emergency Management Contacts Regional Incident Support Teams (ISTs)	Provide monitoring of Open-Source Intelligence (OSINT) feeds (social media, news media, etc.) - to support the on-scene Incident Commander
Facilitate a Common Operational Picture if appropriate	Regional Resource Annex: Key Regional Emergency Management Contacts Regional Coordination Guide: Base Plan Regional Coordination Levels: implement regional situational awareness and coordination based on established Regional Coordination Level	
Initiate the ICS Information and Intelligence Section to support the On Scene Incident Commander	Regional Resource Annex: Key Regional Emergency Management Contacts	Inclusive of current and future weather data, coordination with CHEMTREC, coordination with HAZMAT vendors, notification, as required to OSHA, EPA, law enforcement (FBI, ATF, etc.)
Mass Care, Emergency Assistance, Temporary Housing and Human Services (Regional Coordination Guide: ESF 6 – Mass Care, Emergency Assistance, Temporary Housing and Human Services)		

Key Actions and Operations	Regional Resources	Considerations
Activate Family Assistance Center	Human Services Appendices, Regional Coordination Guide, Terrorism Annex | ESF 6 Annex	Establish FAC, as appropriate
Identify if on scene support is required or appropriate		Supporting relocation facilities
Provide clothing for evacuees on an emergent basis	American Red Cross, Greater Kansas City Chapter The Salvation Army KC Regional COAD MARC Regional ESF 6: Donations Management Plan	
Provide Mental Health Services for evacuees and first responders as appropriate	MARC Regional ESF 6: Regional Mental Health Response System Plan	
Sheltering: Short and Long Term	American Red Cross, Greater Kansas City Chapter Regional Resource Annex: ESF 6 – Regional Shelter Directory	
Provide Food and Water	The Salvation Army American Red Cross, Greater Kansas City Chapter KC Regional COAD Taking to the Streets Harvesters	
Care for those with Functional and Access Needs	ESF 6 Community Disaster Resiliency Network (CDRN) KC Regional COAD	
Public Information Officer/Joint Information System (JIS)/Joint Information Center (JIC) (Regional Coordination Guide: ESF 15 – Emergency Public Information)		

Key Actions and Operations	Regional Resources	Considerations
Disseminate public information and health-related information	**Local Public Health**: Regional Hazardous Materials Emergency Preparedness Plan: Appendix A – Stakeholder Contact Information List **RAPIO**: Regional Resource Annex: ESF 15	
Inform public of areas that are closed to the public	**RAPIO**: Regional Resource Annex: ESF 15	Support on scene IC, if PIO is established PIO can take the lead for public information dissemination
Identify if the on-scene Commander requires a PIO or activation of the Joint Information System and a Joint Information Center	MARC Regional ESF 15: Emergency Public Information	Dependent of the size and complexity of the incident
Support on scene Incident Commander needs for dissemination public information	**RAPIO**: Regional Resource Annex: ESF 15	
Inform the public of evacuation areas/zones, routes, and relocation facilities	**RAPIO**: Regional Resource Annex: ESF 15	Coordinate with media partners to provide timely, accurate, and actionable information to the public.
Inform public of re-entry procedures	**RAPIO**: Regional Resource Annex: ESF 15	Support on scene IC, if PIO is established PIO can take the lead for public information dissemination
Public Works & Utilities (Regional Coordination Guide: ESF 3 – Public Works and Engineering)		
Restoring public utilities		Assist in restoration of utilities after IC has declared the scene is safe and approved restoration of utilizes.
Determine if a representative is required or appropriate to support the on-scene Incident Commander		Depending on the size, scope, and complexity PW may have a spot within Unified Command or within the Operations Section.

Key Actions and Operations	Regional Resources	Considerations
Clearing Debris		Support clearing debris but only after site is declared safe. This will typically be contracted out to a HAZMAT Vendor
Aviation Unit Assets to Support Local Operations		
Provide on scene, aerial situational awareness		
If the incident is large enough or warrants it request the FAA to issue a Temporary Flight Restriction (TFR) notice for the area.	Federal Aviation Administration (FAA)	Contact local FAA control tower to request TFR
For larger scale incidents consider other resources: **Air National Guard (situational awareness)** **Civil Air Patrol (aerial photography)** **Medical Evacuation Rotor Wing (helicopters)** **Local-regional law enforcement aviation assets.**		
Transportation - Rail		
Note: Certain incidents may require notification to the U.S. Dept of Transportation, Federal Railroad Administration (FRA) as appropriate. They may be able to assist with railway information, rail usage, etc.		Title 49 CFR Part 225, Railroad Accidents, Reporting Classification, and Investigations. Utilize when appropriate to the incident size, scale, and complexity.
Approaching the Scene	N/A	Upwind, uphill, and upstream
Arriving at the Scene, establish Command	Appendix A of LEPC Plan to identify Fire Department	First arriving unit established the ICS
Recognition that HAZMAT is required	All Fire Departments	First Responder use of ERG, placards, etc.
Initial chemical identification utilizing placards or other visible markings	All Fire Departments	Emergency response Guidebook (ERG) ERG resource, WISER Smartphone App
Utilize Emergency Response Guidebook for initial (30 minutes) actions guidance	All Fire Departments	ERG and WISER (Wireless Information System For First Responders)

Key Actions and Operations	Regional Resources	Considerations
Initiate initial Defensive Measures	Fire Department Operations	
Initiate/request perimeter to be established	Law Enforcement	Dispatch resources
Identify initial PPE (Personal Protective Equipment) requirements and advise all personnel	Emergency Response Guide	
Establish initial perimeter based upon ERG guidance (day/night), chemical type, plum (if any), fire involved, flowing liquid, etc.	All Fire Departments	ERG and WISER
Identify initial Hot-Warm-Cold Exclusion Zones based upon initial ERG guidance, update as required or appropriated based upon new information.	Emergency response Guide	
Initiate/transfer to formalized HAMZAT Incident Command		
Establish Site Safety Officer	LEPC Policy	
Identify and appropriate changes to PPE requirements	All Fire Departments HazMat Ops Level	
Identify level of response required/appropriate	Emergency Response Guide	Size up
Establish unified/inter operable communications with responding agencies and supporting units as appropriate	All Fire Departments, LE, EMS, Etc.	Establish interoperable comms with other responders
Identify the Level of Resources required/appropriate	LEPC Guide	Level 1 , Level 2, Level 3
Identify HAZMAT Priorities	Fire Department Incident Commander	Life Safety, Incident Stabilization, Property Conservation, Environmental Considerations
Notify the U.S. Dept of Transportation, Federal Railroad Administration (FRA) as appropriate.		Title 49 CFR Part 225, Railroad Accidents, Reporting Classification, and Investigations. Utilize when appropriate to the incident size, scale, and complexity.
Notify rail carrier that owns the tracks that the incident has occurred on, and if different the company that owns the train operating on the tracks		

Key Actions and Operations	Regional Resources	Considerations
Identify HAZMAT Objectives- Stages: Analyze, Plan, Implement, Evaluate	HAZMAT Ops, Tech, and Specialist level operations	HAZMAT Supervisor or IC
Site Characterization – Oil Spill **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	(OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization- Chemical-Commercial **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Chemical Warfare Agent **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Biological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Radiological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Transportation – Surface		
Certain incidents require notification to the Federal Motor Carrier Safety Administration (FMCSA) Though they do not have a HAZMAT response capability they may be able to assist in getting manifest or bill of lading information and information on the driver.		800-424-8802
Approaching the Scene	N/A	Upwind, uphill, and upstream
Arriving at the Scene, establish Command	Appendix A of LEPC Plan to identify Fire Department	First arriving unit established the ICS
Recognition that HAZMAT is required	All Fire Departments	First Responder use of ERG, placards, etc.
Initial chemical identification utilizing placards or other visible markings	All Fire Departments	Emergency response Guidebook (ERG) ERG resource, WISER Smartphone App

Key Actions and Operations	Regional Resources	Considerations
Utilize Emergency Response Guidebook for initial (30 minutes) actions guidance	All Fire Departments	ERG and WISER (Wireless Information System For First Responders)
Initiate initial Defensive Measures	Fire Department Operations	
Initiate/request perimeter to be established	Law Enforcement	Dispatch resources
Identify initial PPE (Personal Protective Equipment) requirements and advise all personnel	Emergency Response Guide	
Establish initial perimeter based upon ERG guidance (day/night), chemical type, plum (if any), fire involved, flowing liquid, etc.	All Fire Departments	ERG and WISER
Identify initial Hot-Warm-Cold Exclusion Zones based upon initial ERG guidance, update as required or appropriated based upon new information.	Emergency response Guide	
Initiate/transfer to formalized HAMZAT Incident Command		
Establish Site Safety Officer	LEPC Policy	
Identify and appropriate changes to PPE requirements	All Fire Departments HazMat Ops Level	
Identify level of response required/appropriate	Emergency Response Guide	Size up
Establish unified/inter operable communications with responding agencies and supporting units as appropriate	All Fire Departments, LE, EMS, Etc.	Establish interoperable comms with other responders
Identify the Level of Resources required/appropriate	Appendices E 0- Hazardous Materials Incident Levels	Level 1 , Level 2, Level 3
Identify HAZMAT Priorities	Fire Department Incident Commander	Life Safety, Incident Stabilization, Property Conservation, Environmental Considerations
Identify HAZMAT Objectives- Stages: Analyze, Plan, Implement, Evaluate	HAZMAT Ops, Tech, and Specialist level operations	HAZMAT Supervisor or IC
Site Characterization – Oil Spill **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest,

Key Actions and Operations	Regional Resources	Considerations
Ground Water – Monitoring & Sampling	Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
Site Characterization- Chemical-Commercial **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Chemical Warfare Agent **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Biological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	(USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Radiological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Transportation - Maritime		
Code of Federal Regulations Title 49 (Transportation) Sub Chapter C HAZMAT regulations, Part 171, Sub Part B provides reporting requirements for HAZMAT incidents.		USCG HAZMAT Response Team and Federal On Scene Coordinator NMCC @ 703-697-6340 (Emergency Actions Cell) or 703-693-8196 (Senior Operations Officer)
Arriving at the Scene, establish Command	Appendix A of LEPC Plan to identify Fire Department	First arriving unit established the ICS
Recognition that HAZMAT is required	All Fire Departments	First Responder use of ERG, placards, etc.
Initial chemical identification utilizing placards or other visible markings	All Fire Departments	ERG resource, WISER Smartphone App
Utilize Emergency Response Guidebook for initial (30 minutes) actions guidance	All Fire Departments	ERG and WISER
Initiate initial Defensive Measures	Fire Department Operations	
Initiate/request perimeter to be established	Law Enforcement	Dispatch resources
Identify initial PPE requirements and advise all personnel	Emergency Response Guide	

Key Actions and Operations	Regional Resources	Considerations
Establish initial perimeter based upon ERG guidance (day/night), chemical type, plum (if any), fire involved, flowing liquid, etc.	All Fire Departments	ERG and WISER
Identify initial Hot-Warm-Cold Exclusion Zones based upon initial ERG guidance, update as required or appropriated based upon new information.	Emergency response Guide	
Initiate/transfer to formalized HAMZAT Incident Command		
Establish Site Safety Officer	LEPC Policy	
Identify and appropriate changes to PPE requirements	All Fire Departments HazMat Ops Level	
Identify level of response required/appropriate	Emergency Response Guide	Size up
If navigable waterway contact U.S. Coast Guard for assistance		USCG HAZMAT Response Team and Federal On Scene Coordinator NMCC @ 703-697-6340 (Emergency Actions Cell) or 703-693-8196 (Senior Operations Officer)
Establish unified/inter operable communications with responding agencies and supporting units as appropriate	All Fire Departments, LE, EMS, Etc.	Establish interoperable comms with other responders
Identify the Level of Resources required/appropriate	LEPC Guide	Level 1 , Level 2, Level 3
Identify HAZMAT Priorities	Fire Department Incident Commander	Life Safety, Incident Stabilization, Property Conservation, Environmental Considerations
Identify Environmental Assessment and Mitigation issues- Wildlife Impact Assessment and Rehabilitation (USCG can assist)		USCG HAZMAT Function
Identify or Perform Shoreline Impact Assessment		US Army Corp of Engineers HAZMAT Function
Identify Historical and/or Archeological Properties Impact		USCG HAZMAT Function
Identify HAZMAT Objectives- Stages: Analyze, Plan, Implement, Evaluate	HAZMAT Ops, Tech, and Specialist level operations	HAZMAT Supervisor or IC

Key Actions and Operations	Regional Resources	Considerations
Establish HAZMAT Group Supervisor ICS position	Fire Department Tech Level	HAZMAT ICS Model
Identify the need for, and initiate as appropriate : HAZMAT Ops, HAZMAT Safety, HAZMAT Medical, Rehab, PIO	Fire Department Incident Commander	
Identify the need for, and initiate as appropriate HAZMAT Equipment Officer	Fire Department Incident Commander	Identifies equipment required for the HAZMAT Team: suits, tools, monitoring and decontamination equipment
Initiate Offensive Measures as appropriate	Fire Department HAZMAT Supervisor or Incident Commander	
Site Characterization – Oil Spill **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization- Chemical-Commercial **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Chemical Warfare Agent **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	(EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Biological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) •	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Radiological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement,	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Identify if an entry team is needed, if so also identify and initiate a backup team	Fire Department HAZMAT	
Initiate Containment and Control measures	Fire Department HAZMAT	Stop the incident from growing
As appropriate initiate detection and monitoring	Fire Department HAZMAT	CBRNE monitoring
Obtaining hazard and handling information	Fire Department HAZMAT	
Establish Decontamination	Fire Department HAZMAT & Hospital based	Establish Decontamination line

Key Actions and Operations	Regional Resources	Considerations
	Resources for Decontamination	if PPE is required on scene
Identifying key expertise	Chemical vendor	Leverage manufacturer SME and CHEMTREC
Transportation - Pipeline		
Note: Certain incidents must be reported to the US DOT Pipeline and Hazardous Materials Administration within 12 hours. (49e CFR 161.15)		NRC Phone number 800-424-8802 ***Reportable incident.*** A telephone report is required whenever any of the following occurs during the course of transportation in commerce (including loading, unloading, and temporary storage): (1) As a direct result of a hazardous material - (i) A person is killed; (ii) A person receives an injury requiring admittance to a hospital; (iii) The general public is evacuated for one hour or more; (iv) A major transportation artery or facility is closed or shut down for one hour or more; or (v) The operational flight pattern or routine of an aircraft is altered; (2) Fire, breakage, spillage, or suspected radioactive

Key Actions and Operations	Regional Resources	Considerations
		contamination occurs involving a radioactive material (see also **§ 176.48 of this subchapter**); (3) Fire, breakage, spillage, or suspected contamination occurs involving an infectious substance other than a regulated medical waste; (4) A release of a marine pollutant occurs in a quantity exceeding 450 L (119 gallons) for a liquid or 400 kg (882 pounds) for a solid; (5) A situation exists of such a nature (*e.g.*, a continuing danger to life exists at the scene of the incident) that, in the judgment of the person in possession of the hazardous material, it should be reported to the NRC even though it does not meet the criteria of **paragraphs (b)(1)**, **(2)**, **(3)** or **(4)** of this section; or (6) During transportation by aircraft, a fire, violent rupture, explosion or dangerous evolution of heat (*i.e.*, an amount of heat sufficient to be dangerous to packaging or personal safety to include charring of packaging, melting of packaging, scorching of

Key Actions and Operations	Regional Resources	Considerations
		packaging, or other evidence) occurs as a direct result of a battery or battery-powered device.
Approaching the Scene	N/A	Upwind, uphill, and upstream
Arriving at the Scene, establish Command	Appendix A of LEPC Plan to identify Fire Department	First arriving unit established the ICS
Recognition that HAZMAT is required	All Fire Departments	First Responder use of ERG, placards, etc.
Initial chemical identification utilizing placards or other visible markings	All Fire Departments	Emergency response Guidebook (ERG) ERG resource, WISER Smartphone App
Utilize Emergency Response Guidebook for initial (30 minutes) actions guidance	All Fire Departments	ERG and WISER (Wireless Information System For First Responders)
Initiate initial Defensive Measures	Fire Department Operations	
Initiate/request perimeter to be established	Law Enforcement	Dispatch resources
Identify initial PPE (Personal Protective Equipment) requirements and advise all personnel	Emergency Response Guide	
Establish initial perimeter based upon ERG guidance (day/night), chemical type, plum (if any), fire involved, flowing liquid, etc.	All Fire Departments	ERG and WISER
Identify initial Hot-Warm-Cold Exclusion Zones based upon initial ERG guidance, update as required or appropriated based upon new information.	Emergency response Guide	
Initiate/transfer to formalized HAMZAT Incident Command		
Establish Site Safety Officer	LEPC Policy	
Identify and appropriate changes to PPE requirements	All Fire Departments HazMat Ops Level	
Identify level of response required/appropriate	Emergency Response Guide	Size up
Establish unified/inter operable communications with responding agencies and supporting units as appropriate	All Fire Departments, LE, EMS, Etc.	Establish interoperable comms with other responders

Key Actions and Operations	Regional Resources	Considerations
Identify the Level of Resources required/appropriate	LEPC Guide	Level 1 , Level 2, Level 3
Identify HAZMAT Priorities	Fire Department Incident Commander	Life Safety, Incident Stabilization, Property Conservation, Environmental Considerations
Identify HAZMAT Objectives- Stages: Analyze, Plan, Implement, Evaluate	HAZMAT Ops, Tech, and Specialist level operations	HAZMAT Supervisor or IC
Site Characterization – Oil Spill **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	(HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization- Chemical-Commercial **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Chemical Warfare Agent **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division,	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Biological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Radiological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Transportation - Aviation		
Civil and Commercial aircraft crashes that meet the listed criteria require immediate notification to the National Transportation Safety Board (NTSB). The NTSB does not have a HAZMAT response capability, but they do provide investigative support.		NTSB Response Operations Center 844-373-9922 § 830.5 Immediate notification. The operator of any civil aircraft, or any public aircraft not operated by the Armed Forces or an intelligence agency of the United States, or

Key Actions and Operations	Regional Resources	Considerations
		any foreign aircraft shall immediately, and by the most expeditious means available, notify the nearest National Transportation Safety Board (NTSB) office, 1 when: 1 NTSB headquarters is located at 490 L'Enfant Plaza SW., Washington, DC 20594. Contact information for the NTSB's regional offices is available at http://www.ntsb.gov. To report an accident or incident, you may call the NTSB Response Operations Center, at 844-373-9922 or 202-314-6290. (a) An aircraft accident or any of the following listed serious incidents occur: (1) Flight control system malfunction or failure; (2) Inability of any required flight crewmember to perform normal flight duties as a result of injury or illness; (3) Failure of any internal turbine engine component that results in the escape of debris other

Key Actions and Operations	Regional Resources	Considerations
		than out the exhaust path; (4) In-flight fire; (5) Aircraft collision in flight; (6) Damage to property, other than the aircraft, estimated to exceed $25,000 for repair (including materials and labor) or fair market value in the event of total loss, whichever is less. (7) For large multiengine aircraft (more than 12,500 pounds maximum certificated takeoff weight): (i) In-flight failure of electrical systems which requires the sustained use of an emergency bus powered by a back-up source such as a battery, auxiliary power unit, or air-driven generator to retain flight control or essential instruments; (ii) In-flight failure of hydraulic systems that results in sustained reliance on the sole remaining hydraulic or mechanical system for movement of flight control surfaces;

Key Actions and Operations	Regional Resources	Considerations
		(iii) Sustained loss of the power or thrust produced by two or more engines; and (iv) An evacuation of an aircraft in which an emergency egress system is utilized. (8) Release of all or a portion of a propeller blade from an aircraft, excluding release caused solely by ground contact; (9) A complete loss of information, excluding flickering, from more than 50 percent of an aircraft's cockpit displays known as: (i) Electronic Flight Instrument System (EFIS) displays; (ii) Engine Indication and Crew Alerting System (EICAS) displays; (iii) Electronic Centralized Aircraft Monitor (ECAM) displays; or (iv) Other displays of this type, which generally include a primary flight display (PFD), primary navigation display (PND), and other integrated displays;

Key Actions and Operations	Regional Resources	Considerations
		(10) Airborne Collision and Avoidance System (ACAS) resolution advisories issued when an aircraft is being operated on an instrument flight rules flight plan and compliance with the advisory is necessary to avert a substantial risk of collision between two or more aircraft. (11) Damage to helicopter tail or main rotor blades, including ground damage, that requires major repair or replacement of the blade(s); (12) Any event in which an operator, when operating an airplane as an air carrier at a public-use airport on land: (i) Lands or departs on a taxiway, incorrect runway, or other area not designed as a runway; or (ii) Experiences a runway incursion that requires the operator or the crew of another aircraft or vehicle to take immediate corrective action to avoid a collision.

Key Actions and Operations	Regional Resources	Considerations
		(b) An aircraft is overdue and is believed to have been involved in an accident.
Approaching the Scene	N/A	Upwind, uphill, and upstream
Arriving at the Scene, establish Command	Appendix A of LEPC Plan to identify Fire Department	First arriving unit established the ICS
Recognition that HAZMAT is required	All Fire Departments	First Responder use of ERG, placards, etc.
Initial chemical identification utilizing placards or other visible markings	All Fire Departments	Emergency response Guidebook (ERG) ERG resource, WISER Smartphone App
Utilize Emergency Response Guidebook for initial (30 minutes) actions guidance	All Fire Departments	ERG and WISER (Wireless Information System For First Responders)
Initiate initial Defensive Measures	Fire Department Operations	
Initiate/request perimeter to be established	Law Enforcement	Dispatch resources
Identify initial PPE (Personal Protective Equipment) requirements and advise all personnel	Emergency Response Guide	
Establish initial perimeter based upon ERG guidance (day/night), chemical type, plum (if any), fire involved, flowing liquid, etc.	All Fire Departments	ERG and WISER
Identify initial Hot-Warm-Cold Exclusion Zones based upon initial ERG guidance, update as required or appropriated based upon new information.	Emergency response Guide	
Initiate/transfer to formalized HAMZAT Incident Command		
Establish Site Safety Officer	LEPC Policy	
Identify and appropriate changes to PPE requirements	All Fire Departments HazMat Ops Level	
Identify level of response required/appropriate	Emergency Response Guide	Size up
Establish unified/inter operable communications with responding agencies and supporting units as appropriate	All Fire Departments, LE, EMS, Etc.	Establish interoperable comms with other responders

Key Actions and Operations	Regional Resources	Considerations
Identify the Level of Resources required/appropriate	LEPC Guide	Level 1 , Level 2, Level 3
Identify HAZMAT Priorities	Fire Department Incident Commander	Life Safety, Incident Stabilization, Property Conservation, Environmental Considerations
Identify HAZMAT Objectives- Stages: Analyze, Plan, Implement, Evaluate	HAZMAT Ops, Tech, and Specialist level operations	HAZMAT Supervisor or IC
Site Characterization – Oil Spill **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	(HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization- Chemical-Commercial **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Chemical Warfare Agent **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division,	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Biological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence Response Team (NCERT) • United States Environmental Protection Agency's Radiological	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	
Site Characterization – Radiological **Air - Monitoring & Sampling** **Soil – Monitoring & Sampling** **Surface Water - Monitoring & Sampling** **Ground Water – Monitoring & Sampling**	• Agency for Toxic Substances and Disease Registry (ATSDR) Emergency Response Teams • U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) • Department of Energy Nuclear Emergency Support Team (DOE NEST) • United States Environmental Protection Agency's Environmental Response Team (EPA ERT) • United States Environmental Protection Agency's (EPA) Office of Enforcement, Compliance, and Assurance (OECA), National Counter-terrorism Evidence	Follow local HAZMAT protocols for monitoring and sampling, Utilize placards, manifest, bill of lading, etc. Depending on the size of the incident consider Federal assets to assist

Key Actions and Operations	Regional Resources	Considerations
	Response Team (NCERT) • United States Environmental Protection Agency's Radiological Emergency Response Team (EPA RERT) • Federal Bureau of Investigation, Laboratory Division, Hazardous Materials Response Unit (FBI HMRU) • National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA OR&R) Hazardous Materials Response Division (HAZMAT) • United States Coast Guard National Pollution Funds Center (USCG NPFC) • United States Coast Guard National Strike Force (USCG NSF) • Occupational Safety and Health Administration Health Response Team (OSHA HRT) • United States Navy Supervisor of Salvage and Diving (SUPSALV) • United States Army Corps of Engineers Rapid Response Program (USACE RR)	

Federal HAZMAT Assistance Asset Contacts

ATSDR
ATSDR: 404-498-0120
CDC Operations: 770-488-7100
HHS Command Center: 202-358-2413

JDOMS
24 Hour Number: NMCC @ 703-697-6340 (Emergency Actions Cell) or 703-693-8196 (Senior Operations
Officer)
JDOMS Main Number: 703-697-9400
Fax Number: 703-697-3147

Primary Point of Contact: CAPT Marv Heinze (703-693-8453; Marvin.Heinze@JS.Pentagon.mil)
Alternate Points of Contact: LTC Art Beasley (703-697-9408; Arthur.Beasley@JS.Pentagon.mil)
LTC Michael Avila (703-697-9415; Michael.Avila@JS.Pentagon.mil)

DOE NEST
24 Hour Contact Number: 202-586-8100 (Ask for the Emergency Response Officer)
Agency Main Number: 202-586-9892
Agency Fax Number: 202-586-3904
Primary Point of Contact: Alan Remick (202-586-8312; Alan.Remick@NNSA.doe.gov)
Alternate Point of Contact: Debbie Wilber (202-586-0592; Debbie.Wilbur@hq.doe.gov)

FEMA US&R
24 Hour Number: (202) 646-4600
Fax Number: 202-646-4684
Primary Point of Contact: Peter Smalley, WMD Program Specialist (202-646-3796; peter.smalley@dhs.gov)

FBI HMRU
Agency Main Number: 703-632-7975
Agency Fax Number: 703-632-7898
Primary Point of Contact: John Fraga, Unit Chief (703-632-7975; jmfraga@hotmail.com)
Alternate Points of Contact: HazMat Operations: Steven Patrick, Sr. Hazardous Materials Officer (703-632-7940; stevegpatrick@aol.com)
Science Operations: Dr. Benjamin Garrett, Senior Scientist
(703-632-7929; Dier4@aol.com)

NOAA HAZMAT
HAZMAT Duty Officer available 24/7: 206-526-4911
Agency Main Number: 206-526-6317
Fax Number: 206-526-6329
Primary Contact Person: Thomas Callahan (206-526-6326; thomas.callahan@noaa.gov)
Alternate Contact Person: Robert Pavia (206-526-6319; Robert.Pavia@noaa.gov)
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OSHA HRT
Agency Main Number: 801-524-7900
Agency Fax Number: 801-524-6660
Primary Point of Contact: Bob Curtis (801-414-9371; Curtis.Bob@dol.gov)
Alternate Point of Contact: Jimmy Roberts (801-414-9372; Roberts.Jimmy@dol.gov)

USACE RR
USACE Operations Center (24/7): 202-767-1001
Agency Main Number: 402-293-2501
Agency Fax Number: 402-291-8177
Primary Point of Contact: Tim Gouger (402-216-4252; timothy.p.gouger@usace.army.mil)
Alternate Point of Contact: Mark Herse (402-293-2560; mark.r.herse@usace.army.mil)

USEPA Diving Program
24 Hour Contact Number: 703-979-4597
Main Number: 202-566-1267
Fax Number: 202-566-1337
Primary Point of Contact: Kennard W. Potts (202-566-1267; potts.kennard@epa.gov)
Alternate Point of Contact: Alan Humphrey (732-321-6748; humphrey.alan@epa.gov)

USEPA ECOT
24 Hour Number: 703-851-3873
Main Number: 703-603-8908
Fax Number: 703-603-9133
Primary Point of Contact: Virginia Coffey, ECOT Team Leader (703-603-8908; coffey.virginia@epa.gov)
Alternate Point of Contact: Virginia Narsete (312-886-4359; narsete.virginia@epa.gov)

USEPA Peer Support/CISM
24-Hour Contact Number: 202-253-4177
Team Main Number: 703-603-8737
Team Fax Number: 703-603-9100
Primary Point of Contact: Jan Shubert (703-603-8737; shubert.jan@epa.gov)
Alternate Point of Contact: Karen McCormick (214-789-2814; mccormick.karen@epa.gov)

USEPA ERT
24 Hour Contact Number: 732-321-6660 or via National Response Center (NRC) at 1-800-424-8802 or
202-267-2675
Fax Number: 732-321-6724
Primary Point of Contact: Dr. Joseph P. Lafornara (732-321-6740; lafornara.joseph@epa.gov)
Alternate Point of Contact: Dave Wright (732-321-6740; wright.dave@epa.gov)
ERT West (Las Vegas) Point of Contact: Dennisses Valdes (702-784-8003; valdes.dennisses@epa.gov)
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USEPA Ocean Survey Vessel

24 hour Contact Number: 410-336-4577 (Ship Bridge Cell) or 703-979-4597 (POC Home Phone)
Main Number: 202-566-1267
Fax Number: 202-566-1337
Primary Point of Contact: Kennard W. Potts, EPA Vessel Manager (202-566-1267; potts.kennard@epa.gov)
Alternate Point of Contact: Craig Vogt (202-566-1235; vogt.craig@epa.gov)

USEPA OECA/NCERT
Agency Main Number: 703-235-1113
Agency Fax Number: 703-235-1118
Primary Point of Contact: Special Agent in Charge (SAC) Ted Stanich (703-235-1113; stanich.ted@epa.gov)
Alternate Point of Contact: Assistant Special Agent in Charge (ASAC) Stacey Noem (703-235-0317;
noem.stacey@epa.gov)

USEPA RERT
24 Hour Contact Number: 1-800-424-8802 or 202-267-2675 (NRC—on-call RERT commander)
Primary Point of Contact: Gregg Dempsey (702-798-2461; Dempsey.gregg@epa.gov)
Alternate Point of Contact: Sam Poppell (334-270-3414; Poppell.sam@epa.gov)

USCG NPFC
Agency Main Number: 202-493-6700
Agency Fax Number: 202-493-6898
Primary Point of Contact: Allen R. Thuring (202-493-6801; Athuring@ballston.uscg.mil)
Alternate Point of Contact: John A. Crawford (202-493-6811; Jcrawford@ballston.uscg.mil)

USCG NSF
All teams can be requested through the NRC: 1-800-424-8802
To Request Specific National Strike Force Teams:
National Strike Force Coordination Center (NSFCC): 252–331-6000
Atlantic Strike Team: 609-724-0008
Gulf Strike Team: 251-441-6001
Pacific Strike Team: 415-883-3311
Public Information Assist Team (PIAT): 252–331-6000 (Same as NSFCC)

USMC CBIRF
Agency Main Number: 301-744-2038
Agency Fax Number: 301-744-2052
Primary Point of Contact: LtCol Scott Graham (301-744-2039; grahamsa@cbirf.usmc.mil)

Alternate Point of Contact: LCDR Jeff Betsinger (301-744-2087; betsingerjb@cbirf.usmc.mil)

USNG CST
Primary Contact: LTCOL James Kish, 703-607-1724, james.kish@ngb.army.mil
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SUPSALV
Main Number: 202-781-1731, ext. 2
After Hours Number: 202-781-3889 (NAVSEA Duty Officer)
Primary Point of Contact: Mr. Thomas Salmon (202-781-0828; salmontb@navsea.navy.mil)
Alternate Point of Contact: Mr. Richard Buckingham (202-781-0465;
buckinghamrt@navsea.navy.mil)

FEMA MMRS
Primary Point of Contact: Dennis Atwood (202-646-2699; dennis.atwood@dhs.gov)
See MMRS Contact List (Appendix B) for regional points of contact.