

LOCAL EMERGENCY PLANNING COMMITTEE COMMUNICATOR

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SERVING THE SOUTH CENTRAL KANSAS AREA

VOLUME 6

2014 South Central Kansas Hazardous Materials Commodity Flow Study (HMCFS)

EMFusion LLC was awarded a \$148,975 contract through a Hazardous Materials Emergency Preparedness (HMEP) grant. The grant was submitted by Cowley County in 2013 and approved by the Kansas Division of Emergency Management (KDEM) to conduct an HMCFS involving the 19 counties of South Central Kansas with a 2010 census population of 850,780 or 29.8 percent of the State of Kansas population.

The study will build on prior regional preparedness projects to further enhance the readiness of the regional against potential hazardous materials risks. The outcome of the information collected during the study will be a data-based risk analysis of the intermodal flow of commodities (hazardous materials) through each participating county and the region. The project will be completed by August 31, 2014 and resulting in a regional study report that can be used for emergency planning, preparedness studies, risk assessments, analyses, and exercises.

The project involves data collection to include hazardous materials accidents, facilities, Tier II information, identifying hazardous materials routes, location of gas lines along the turnpike, railroads, and pipelines, and other information as deemed necessary. There will also be physical traffic observation field studies of placarded vehicles at designated points with many counties have at least four points while Sedgwick County will have over 17 points covering the major highways and junctions.

Roger Maag and Dan Hay of EMFusion LLC are working on getting the proper forms put together and a guide for what they expect to collect from those field studies if we choose to send out our own teams and Roger will be conducting training for those teams once they have all the information put together.

They are predicting that it will take a minimum of one hour at each location to actually collect the data and data will be collected at least three times/day. Transportation Research Board's Hazardous Materials Cooperative Research Program (HMCRP) Report 3: *Guidebook for Conducting Local Hazardous Materials Commodity Flow Studies* will be the guidance used for this project.

LEPCs have been asked to sign a contract with the Cowley County LEPC (lead agency for the project) to support the project, designate an LEPC member to be the Local Project Lead, support the local emergency manager, and agree to commit \$1,960.20 as an in-kind non-federal match for the project.

Dan Hay noted that when tracking expenses for the soft match, travel related expenses are allowable and you should use the county reimbursement rate for mileage. Documentation such as, agendas, sign-in sheets, etc. are needed when submitting any time involved on the commodity flow project. LEPCs were also to nominate an LEPC member to serve as the Local Project Lead in the event that the County Commission approves the contract.

Lac-Mégantic, Quebec Train Derailment Report

Transportation Safety Board of Canada

On 06 July 2013, a unit train carrying petroleum crude oil operated by Montreal, Maine & Atlantic Railway derailed in Lac-Mégantic, Quebec. Numerous tank cars ruptured and a fire ensued. The ambient air temperature at the time of the derailment was reported to be around 21 °C.

The occurrence crude oil s properties were consistent with light sweet crude oil, volatility comparable to condensate or gasoline product. <http://www.tsb.gc.ca/eng/enquetes-investigations/rail/2013/R13D0054/lab/20140306/LP1482013.asp#figure-02>

Barton County LEPC

**Barton County Courthouse – January 27, 2014
1400 Main Street, Great Bend, Kansas**

Bj Wooding, Barton County Cartographer, stated her mapping department started in 1989 as a result of the reappraisal process in the State of Kansas. Although she maintains 195 layers on a digital map of Barton County, older maps are available in the Register of Deeds Office and the County Engineer's Office. Wooding said that she most often provides maps for the Sheriff's Office, Appraiser's Office and 911 Communications. She informed the committee that anyone can obtain parcel information on the Barton County website and provided a "How To" sheet on utilizing the parcel database.

The next big project for Wooding's department will be Next Generation 9-1-1. She explained that address points are critical for this project whose main emphasis is to update the 9-1-1 service infrastructure and improve public emergency communications services. The project will work to update, clean up and edit address information not only in Barton County but across the State of Kansas. Maps will be created that have what emergency response agencies are to be sent to specific addresses.

Chairman Miller told members that a Foreign Animal Disease tabletop for the South Central Kansas Homeland Security Region has been scheduled for March 5 in Wichita. The suggested audience for the exercise is law enforcement, emergency management, fire service, public

works, animal control, veterinarians, and environmental health.

Teri Thomas, Great Bend Regional Hospital, discussed the Active Shooter Workshop being offered by the South Central Healthcare Coalition on February 19. She said that all emergency responders would be welcome to attend as well as hospitals, physician offices and long term care facilities. There are also presentations of the same workshop in Pittsburg on February 18, Salina on February 20 and Hays on February 21. Lily Akings, Barton County Health Department, said that a video link has been posted to the Barton County Facebook page that is about surviving an Active Shooter Event.

John Hughes, Ellinwood District Hospital, informed the committee that there was a proposal to require anyone accepting Medicare payments to establish emergency preparedness plans. At this time, there is no specific information on what this might mean for long term care facilities, physician offices and clinics, and other health care providers. Hughes also described resources that may be made available to the county from the Veteran's Administration Hospital in Wichita in the event of a disaster/emergency. He stated that the only requirement to utilize the resources appeared to be that the resources be used to provide benefits to veterans.

Cowley County LEPC

**Physician's Pavilion – December 9, 2013
1230 E 6th Avenue, Winfield, Kansas**

Delbert Ming gave an overview of the Public Safety Program as required by PHMSA to help raise awareness of the gas lines operated by the City of Winfield. The City has two systems, one at Strother Field and the other in the City. There are three town border stations: Power Plant, 17th Street and Strother Field. He advised that gas lines run under streets and parking areas. The City has a person on-call for gas emergencies 24/7/365 to respond to gas leaks. Delbert stated that natural gas is odorless and the odorant (which smells like rotten eggs) is added near Geuda Springs. He also stated that Centerpoint and Blackhills have lines that run through town. He advised that the number one cause of damage or leaks is by third parties and he reinforced calling 811 before digging.

Bill Hocker of Magellan Pipeline provided an overview to LEPC members about the locations and commodities of the Magellan pipelines. Bill had maps and signature sheets for those members whose agencies fall within the jurisdiction of the pipeline. He discussed how the lines were marked (with PVC pipes) as required.

Copies of the draft ESF 10 were handed out. Brian explained the EOP (Emergency Operations Plan) and the function of the sixteen parts (basic plan and 15 ESFs). Cowley's plan is due to be submitted by the end of the year. Emergency Management, Winfield Fire Dept and Ark City Fire/EMS Dept worked on this ESF for submission.

Cowley County LEPC – Cont'd

Creekstone Farms Fire Update

At the meeting from Creekstone Farms were Robert Sullivan, Steve Stubits and S. Douglas Mackay. Mr. Mackay, General Counsel and HR Director for Creekstone Farms addressed the LEPC about the fire on Sept 25, 2013. The fire started shortly after 4:00pm and there were no reported facility injuries. He was very appreciative of the response from the Fire Depts. in Arkansas City and Winfield. He did report that the Anhydrous Ammonia release was pulled through the entire facility due to their type of ventilation system. They resumed operations just days after the fire and had a temporary floor operational within 30 days. Mr. Mackay estimated the damages at \$45-\$60M.

They are creating a new fabrication area consisting of 71,000 square feet. He said their main lesson learned was to always listen for the fire alarms and to take them seriously. Mr. Mackay offered a tour of the facility to the Ark City Fire/EMS Dept and LEPC members. Chief Wolfe of the Ark City Fire/EMS Dept commented that they need to update their pre-plans for the facility especially with the new addition coming soon. He indicated they had a monitor that showed a high LEL of gas, but was actually inaccurate. They were able to obtain a monitor from the gas company and determined that they did not have a gas issue (on top of the fire and Anhydrous Ammonia).

Sedgwick County LEPC

Public Safety Building – February 6, 2014

714 N Main Street, Wichita, Kansas

As an example of the need to have a commodity flow survey conducted, a video was shown called *Hazmat Highway to Hell with oxygen Cylinders* (<http://www.youtube.com/watch?v=FG1LGKieTxY>).

Although the truck accident occurred in New Zealand, hazmat accidents can occur anywhere at any time over our roadways. A brief slide show presentation was given reflecting the traffic flows of railroad and highways that cross Sedgwick County along with pipelines in the region. A copy of a signed agreement between the Sedgwick County LEPC and the contract vendors performing the project, EMFusion LLC, was provided to attending members. A soft-match cost share of \$1,960.20 is required for each of the 19 counties in the South Central Kansas region to meet project requirements.

While the KDEM has identified at least 17 collector points for Sedgwick County, Rick Shellenbarger indicated that 27 collector points have been identified internally and does not take into consideration the number of people assigned at those points. They also noted that you may want to involve your public works department to help with following proper safety guidelines and to get necessary equipment for safety. Roger and Dan indicated that they intend to get the collection process going in late March or early April. In regards to resources, it is suggested that involvement of fire and law enforcement to help identify known or questionable areas of hazmat transporting be identified to help quantify the location placements.

In addition, requests for volunteers such as reserve units may be able to assist in filling out the commodity flow movements during those times indicated at the locations. Considerations for volunteers will be their safety and provisions with the ability to have centralized contact in case of emergency. Preference is conducting the survey times simultaneously but is not a requirement to meet the commodity flow guidelines.

Hazardous Materials Nexus

Transportation Infrastructure

- Flooding & undersized culverts
- Railroad crossings
- Sinkholes
- Low water crossings

Population Concerns

- Schools
- Hospitals & Healthcare Facilities
- Residential Areas
- Event Venues

Environmental Concerns

- Drinking Water Sources & Bodies of Water
- Zoos, Exotic Farms & Feed Yards
- Organic Farms
- Threatened & Endangered Species

Upcoming Trainings

WMD Radiological/Nuclear AWR-140 Awareness Course/AWR-141 Awareness Train-the-Trainer PER-240 Responder Operations Course

Host: Kansas Division of Emergency Management (KDEM)

Registration Contact

Erin McGinnis at (785) 274-1413 or Erin.m.mcginis2.nfg@mail.mil

Target Audience: Emergency responders, including law enforcement agencies, fire departments, hazardous materials technicians, bomb squads, SWAT, public health services, emergency medical service personnel, or other emergency management personnel.

Course Descriptions:

WMD Radiological/Nuclear Awareness – April 22, 2014 (8:00 AM – 5:00 PM)

This course presents WMD radiological/nuclear overview designed for first responders and other personnel who are likely to be the first to arrive on the scene of a radiological/nuclear incident. It focuses on the basics of radiation, possible health effects, hazard identification, and proper notification procedures.

NOTE: *The Awareness Train-the-trainer course will be offered after the completion of the Awareness Course. This course is designed to prepare trainers to deliver a six-hour Awareness Course, using a prepared lesson plan.*

WMD Radiological/Nuclear Responder Operations Course – April 23-25, 2014 (8:00AM – 5PM Daily)

The Responder course draws from an Awareness level of knowledge the student has on the basics of radiation, possible health effects and hazard identification. The training focuses on basic radiological detection, survey instruments, risk-based response, crime-scene preservation, personal protective equipment (PPE), and radiological incidents. The course consists of both classroom instruction and scenario-driven, hands-on, performance-oriented practical exercises with actual radiological sources. Although every participant will be issued a radiation survey meter, participants are encouraged to bring their own from their home department or jurisdiction.

Prerequisite: The WMD Awareness (AWR-140) Course within the last three years.
The on-line Awareness (AWR-140-W) Course is available at www.nts-ctos.com

NOTE: To receive credit for this FEMA course, attendees must list a Student Identification (SID) Number on the registration form that will be issued on the first day of class. A SID number can be obtained at the following link: <https://cdp.dhs.gov/femasid>

NOTE: If you take the Train-The Trainer option, you will need to become a part of our KDEM training Cadre if you are not already on the team. If you have any questions, please contact Erin McGinnis at (785) 274-1413 or Erin.m.mcginis2.nfg@mail.mil



American Red Cross
Midway-Kansas Chapter

1900 E. Douglas
Wichita, KS 67214
(316) 219-4000



All faith-based community
leaders welcome.

—Register Today!

Faith-Based Preparedness: **Building a Resilient Congregation**

Thursday, March 27, 2014 | 1 - 3 p.m.

American Red Cross | 1900 E. Douglas, Wichita

Topics include:

- What you may not know about disasters
- How to build resilient congregation
- How faith-based organizations help immediately following a disaster

PRESENTED BY:



American
Red Cross



Visit midwaykansas.redcross.org or call (316) 219-4000 for questions or registration.

**Training Schedule
KDEM Training
March 2014**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
23	24	25	26	27	28	Mar 1
		Getting to Know	Salina - CANCELED G400 Advanc Rapid Assessme	Getting to Know		Hutchinson - G3
2	3	4	5	6	7	8
Hutchinson - G		Douglas Co - CANCELED G400 Adv	+1 more	Beloit - Active S +2 more		Kingman - CANC
9	10	11	12	13	14	15
Kingman - CAN		Salina - Incident Management Team (IMT) Semina +3 more	+1 more	+4 more		
16	17	18	19	20	21	22
		Topeka - G202 Debris Management Planning Cours NE KEMA Meetin	+2 more	+3 more	Topeka SCAFFA - G400 Advanc +1 more	Topeka - Advan
23	24	25	26	27	28	29
		Crisis City - IAT Rapid Law Enforcement Tactical Response to Violence & Terrorism in Manhattan - G300 Intermediate I	CANCELED Finney Co - G300 Inte		+2 more	
30	31	Apr 1	2	3	4	5
			Dodge City - CR Salina - Active S	Clay Center - Av Oakley - CRMC		

**Training Schedule
KDEM Training
April 2014**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	Apr 1	2	3	4	5
			Dodge City - CR Salina - Active S	Clay Center - Av Oakley - CRMC		
6	7	8	9	10	11	12
		Norton - 2014 N	Wichita - CRMC	Independence -		Fort Leavenwor
13	14	15	16	17	18	19
Fort Leavenwo		Iola - KS-132 Kansas Exercise Design Course for Garden City - G290 Basic Public I +2 more	+3 more	Garden City - G +4 more		
20	21	22	23	24	25	26
		CANCELED Finney County - G400 Crisis City - AW	Crisis City - PER-240 WMD Raiological/Nuclear Ope	CANCELED - Topeka - CERT Train-the-Trainer +2 more	+1 more	
27	28	29	30	May 1	2	3
		Larned - G300 Intermediate Inci				Hutchinson - G4

Courses found on KS-Train: <https://ks.train.org>

Special Events

- April 9-11, 2014 – Emergency Management Support Association of Kansas (EMSAK) Conference
- May 6-8, 2014: LEPC Conference

*Please forward any suggestions, ideas and comments for this and future newsletters to the Editor,
Ricky Shellenbarger, at rshellen@sedgwick.gov or (316) 660-5971.*