

ESF 10 - Oil and Hazardous Materials

Coordinating Agency:

Newton Fire/EMS Department

Primary Agency:

Newton Fire/EMS Department

Support Agencies:

Amateur Radio Operators (ARES)
Burrton Police Department
Halstead Fire/EMS Department
Halstead Police Department
Harvey County Communications
Harvey County Emergency Management
Harvey County Fire District #1
Harvey County Health Department
Harvey County Road & Bridge
Harvey County Sheriff Office/Detention Center
Hesston Fire/EMS Department
Hesston Police Department
Kansas Department of Health and Environment
Kansas Department of Health and Environment, Division of Environment
Kansas Division of Emergency Management
Kansas Highway Patrol
Kansas State Fire Marshal's Office
Newton Police Department
North Newton Police Department
Sedgwick Fire/EMS Department
Sedgwick Police Department
U.S. Environmental Protection Agency
Walton Police Department

I. Purpose and Scope

A. Purpose

1. The purpose of ESF 10 is to provide hazardous materials (HazMat) coordination and support services in support of emergency events in Harvey County.

B. Scope

1. ESF 10 provides for a coordinated response to HazMat incidents. This includes the appropriate response and recovery actions to prepare for, prevent, minimize, or mitigate a threat to public health, welfare, or the environment caused by oil or HazMat.

2. ESF 10 describes the actions unique to oil and hazardous materials response. ESF 10 addresses:
 - a. Response to oil and hazardous materials incidents at both fixed sites and on transportation routes
 - b. Specialized local, regional, state and federal mutual aid resources
 - c. Hazardous materials planning and reporting requirements
 - d. Short and long-term environmental clean-up

II. Concept of Operations

A. General

1. ESF 10 is organized consistent with the Harvey County EOC, the requirements of the National Response Framework, the National Incident Management System, and the Incident Command System. This structure and system supports incident assessment, planning, procurement, deployment, and coordination and support operations to Harvey County through the Harvey County Emergency Response Team, Area Operations, Regional HazMat Teams, and Regional Incident Management Teams (IMTs) to provide a timely and appropriate response to an emergency or situation.
2. Procedures, protocols and plans for disaster response activities are developed to govern staff operations at the Harvey County EOC and in the field. These are in the form of Emergency Operations Plan (i.e., Base Plan) and corresponding Appendices, Incident Annexes, Support Annexes and Standard Operating Guidelines, which describe ESF 10 capabilities. Periodic training and exercises are also conducted to enhance effectiveness.
3. In a large event requiring State, Federal or mutual aid assistance, ESF 10 will work with its support agency counterparts to seek, procure, plan, coordinate and direct the use of any required assets.
4. Throughout the response and recovery periods, ESF 10 will evaluate and analyze information regarding the identification of securing, removing and disposing of the hazardous materials requests for response, develop and update assessments of the hazardous materials situation and status in the impact area, and do contingency planning to meet anticipated demands or needs.
5. When an event is focused in scope to a specific type or response mode technical and subject matter expertise may be provided by an appropriate person(s) from a supporting agency with skills pertinent to the type of event, who will advise and/or direct operations within the context of the Incident Command System structure.
6. Incident Commander will perform scene size-up, look for environmental factors, setup initial isolation zones, and call for assistance from the regional hazmat team. The Incident Commander will also be responsible for developing the incident action plan in accordance with NIMS standards.

7. Spiller will take appropriate notification actions with regard to SARA III of any hazardous materials. Harvey County may be requested to support the spiller's cleanup operations by providing medical support, traffic control, evacuation support, or public notification. This includes notifying the local LEPC, calling the State of Kansas one call spill reporting line, and filling out a Form A and providing to KDEM.

8. Pre Incident - The LEPC is responsible for maintaining all the tier II reports, reviewing ESF 10 annually, and EPCRA (right-to-know). See attached Critical Facilities map and the attached LEPC Handbook for information on EPCRA and regulated facilities located in close proximity to critical facilities. Emergency Management and LEPC will work to establish and maintain contact with regulated facilities' emergency coordinator. Every effort will be made to use the facility plan to enhance county hazmat response planning. See the attached transportation routes map in ESF1 to see the routes for hazmat transport on highway and rail; and also the evacuation map. There are no requirements for radiation training in this county. For assistance the county will contact Kansas Division of Emergency Management, Technical Hazards Section.
 - a. Inventory of Radiological Instruments - The Emergency Management maintains the inventory of County radiological instruments.

 - b. KSFMO (Kansas Fire Marshal's Office) Hazardous materials contacts -
 1-866-542-9628 FREE

 - c. KDHE (Kansas Department of Health and Environment) District Office contacts - KDHE Spill Reporting 785-296-1679, KDHE Wichita office 316-337-6020

 - d. KCC Spills 620-225-8888

 - e. KDEM Tech Hazards 785-291-3333

9. Harvey County LEPC meets on a quarterly basis at the Law Enforcement Center. Members include but are not limited to emergency management, local Fire and EMS, public health, media, public libraries, communications, county administration, local school districts, animal response team, law enforcement, environmental partners, private and public industries and the local hospital.

10. Warning, alert, and public announcement will be released via Harvey County Communications, tornado sirens, media and in the event of extreme circumstances, first responder PA systems.

11. Contamination
 With the use of appropriate resources, personnel will establish adequate safe zones within the affected area of contamination or quarantine. Appropriately

trained personnel will continue atmospheric and radiological monitoring of the affected area until it is determined that the conditions within the affected area are within acceptable limits. Hot, Warm, and Cold zones will be marked and security maintained to ensure that only appropriately trained and equipped personnel enter into potentially hazardous atmospheres. In the event of a radiological incident, personnel working in the affected area, will be issued personal dosimeters that will be checked at regular intervals to track each responder's radiological exposure. In the event that available monitoring equipment within the county is completely committed, additional resources can be obtained from additional hazardous materials teams within the Kansas State Fire Marshal's regional response system. Appropriate resources and incident modeling software will be used to determine and predict the size of the affected area and population of that area for the duration of the incident.

Newton Fire/EMS personnel along with initial first response agencies will coordinate the establishment of an appropriate decontamination system for the products involved in the incident. Accommodations for the appropriate storage and disposal of waste from the decontamination system will be made as well.

12. Harvey County has two major highways, Highway 50 that runs east and west and Interstate I-135 which runs north and south. The city of Newton comes into contact with both roads and is heavily traversed by rail road traffic. In the event of a haz-mat spill in any city within Harvey County nearly all nursing homes, schools will be possibly subjected to possible exposure due to cities small size. The city of Sedgwick and Halstead do not come into contact with a major highway while Newton, North Newton and Hesston sit along I-135. Walton and Burrton sit along Hwy 50. Every city has exposure to the railroad. Also to note, Newton Medical Center(600 Medical Center Drive, Newton KS 67114, (316)-283-2700) is located near the junction of Hwy 50 and I-135. NMC is the only hospital within the county and is vulnerable to both highways. Note the attachment in the file archive for a list/tab of nursing homes and schools.

13. Environmental clean-up can be referenced in the commodity flow document in the attachments. It is the responsibility of the spiller to clean up the mess both physically and financially. If the spiller is not available for the clean up, KDHE will be called to handle the clean up or contract an agency to clean the spill. The regional Haz-Mat team will be notified to handle isolation and containment of the area.

14. B. Direction and Control

1. The ESF 10 Coordinating Agency is Newton Fire/EMS Department which is appointed by the Harvey County Emergency Management , in coordination with local planning partners. The staff serving as ESF 10 Coordinator is appointed by and located in the Newton Fire/EMS Department . When ESF 10 support is necessary, the ESF 10 Coordinator coordinates all aspects of ESF 10.
2. ESF 10 complies with the National Response Framework, and the National Incident Management System (NIMS). The NIMS guides the direction and control system adopted by the Harvey County Emergency

Management , which functions as the official disaster prevention, protection, response, preparedness, recovery, and mitigation organization within Harvey County.

3. The ESF 10 may operate at two levels: 1) Harvey County EOC; and 2) Field operations
4. During emergency activations, all management decisions regarding hazardous material response and/or protection for Harvey County are made at the Harvey County EOC by the ESF 10 coordinator. Under the Incident Command System structure, the Planning, Logistics, Finance/Administration, and Operations Sections at the Harvey County EOC assist the incident commander in carrying out the overall mission.
5. In accordance with a mission assignment from ESF 10, and further mission tasking by a Local primary agency, each support organization assisting ESF 10 assignment will retain administrative control over its own resources and personnel but will be under the operation control of ESF 10. Delegation of mission operational control may be delegated to the field by the Harvey County EOC.

B. Organization

1. County

- a. During an activation of the Harvey County EOC, primary and support agency staff is integrated with the Newton Fire/EMS Department staff to provide support.
- b. During an emergency or disaster event, the Harvey County EOC, Operations Section Chief will coordinate resource support with the Emergency Services Branch Chief.
- c. During the response phase, ESF 10 will evaluate and analyze information regarding transportation services requests. ESF 10 will develop and update assessments of the transportation services status in the impacted area and undertake contingency planning to meet anticipated requirements.
- d. The Newton Fire/EMS Department will develop and maintain ESF 10 and accompanying Appendices, annexes and Standard Operating Guidelines that govern response actions related to emergencies. Primary and support agencies should develop and maintain their own similar documents for internal use, which must be compatible with and in support of the Emergency Operations Plan. All such documents will be in compliance with the National Response Framework, The National Incident Management System, the Incident Command System and the Harvey County Emergency Operations Plan.

2. State of Kansas

- a. During an activation of the State of Kansas EOC, the Kansas Division of Emergency Management is the designated lead agency for State hazardous materials and will provide a liaison to facilitate requests for hazardous materials resources to local Emergency Operations Centers.
- b. During an emergency or disaster event, the primary and support agencies of ESF 10 at the State of Kansas EOC will report to the Emergency Services Branch Chief who reports to the Response Section chief under the overall direction of the SEOC Manager.
- c. During the response phase, ESF 10 will evaluate and analyze information regarding hazardous materials requests. Also, ESF 10 will develop and update assessments of the hazardous materials situation and status in the impact area and do contingency planning to meet anticipated demands and needs.
- d. The Kansas Division of Emergency Management develops and maintains ESF 10 and accompanying Appendices, Annexes and Standard Operating Guidelines that govern response actions related to emergencies. However support agencies may develop and maintain their own similar documents for internal use, which must be compatible with and in support of the overall Emergency Operations Plan. All such documents will be in compliance with the National Response Framework, the National Incident Management System, the Incident Command System and the Harvey County Emergency Operations Plan.

B. Alerts and Notifications

1. The Newton Fire/EMS Department and/or Harvey County Emergency Management will notify the County Warning Point (Harvey County EOC) when information comes to their attention indicating that an emergency or disaster situation is developing.
2. The County Warning Point (Harvey County EOC), will notify the “on call” Emergency Duty Officer and/or ESF Coordinator for ESF 10 when Harvey County has been threatened or impacted by an emergency or disaster event as provided in the County Warning Point procedure.
3. ESF 10 will be activated or placed on standby upon notification by the Harvey County EOC. The representatives or designees of the coordinating agency will manage the emergency activities of ESF 10. If additional support is required, the ESF 10 coordinating and primary agencies may jointly manage ESF 10 activities.
4. Upon instructions to activate or placement of ESF 10 on standby, Newton Fire/EMS Department will implement procedures to notify all ESF 10 planning team members and, if necessary, mobilize all personnel, facilities, and physical resources likely to be needed, based on the emergency circumstance. The Harvey County EOC will be working with ESF-15 Public Information to notify the public of a hazmat incident or a radiological release, and when the public may return to their homes following the all clear announcement. The media contacts are in an attachment in ESF-1.

5. The Hazmat notification process: Hazmat calls will come into Harvey County Communications at the local level. If a Form A is necessary it will be forwarded to the state as well as notifying Tech Hazards (785-291-3333). Federal authorities will be notified as required by law.

C. Actions

1. Actions carried out by ESF 10 are grouped into phases of emergency management: Preparedness, Response, Recovery and Mitigation. Each phase requires specific skills and knowledge to accomplish the tasks and requires significant cooperation and collaboration between all ESF 10 agencies and the intended recipients of service.

Overall Actions Assigned to All Members	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Identify responsibilities for liaison roles with state and adjacent county officials.
2	Develop standard operating guides and checklists to support ESF-10 activities.
3	Maintain adequate supply of radiological monitors and monitoring equipment.
4	Participate in LEPC meetings as a representative of ESF 10.
5	Identify and track radiological response training requirements for personnel and agencies.
6	Develop radiological awareness programs for responders, public and industry.

Overall Actions Assigned to All Members	
<i>Response (During Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Coordinate with EOC to deploy trained personnel to the incident to provide hazardous material assessment and response activities.
2	Manage the direction and control of hazardous materials response efforts.
3	Establish adequate safety zones required for decontamination and quarantine.
4	Identify resources needed to ensure personnel are adequately protected and equipped to handle radiological incidents
5	Request mutual aid as needed.
6	Request assistance from the EPA, KDHE and others as dictated by the situation.

Overall Actions Assigned to All Members	
<i>Recovery (Post Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Return borrowed resources and those obtained through agreement, lease, or rental when those resources are no longer required.
3	Evaluate response and recommend changes to ESF-10 Annex to correct shortfalls and improve future response activities.
4	Provide documentation for possible financial reimbursement process for recovery activities.
5	Participate in after action meetings and prepare after action reports as requested.
6	Coordinate with ESFs 2 and 15 to announce an area is "all clear" after the assessment team determines the area is safe for return.

7	Develop and implement environmental cleanup plan.
8	Assess the extent of contamination and determine the area and population likely to be affected by hazardous materials release.
9	Continue to monitor personnel and area for radiological contamination.
10	Clean, repair, and perform maintenance on all equipment before returning to normal operations or storage.

Overall Actions Assigned to All Members	
<i>Mitigation Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Participate in the hazard identification process and identify and correct vulnerabilities.
2	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
3	Participate in identification and planning response to potential radiological incidents.
4	Provide ESF-10 representative for update of mitigation plan.

III. Responsibilities

- A. The following list identifies the responsibilities designated to each agency/organization for this ESF. The Coordinating and Primary Agency and their responsibilities are listed first. The Supporting Agencies follow in alphabetical order.

Coordinating: Newton Fire/EMS Department	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
2	Identify evacuation routes away from regulated facilities.

Primary: Newton Fire/EMS Department	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
2	Identify evacuation routes away from regulated facilities.

Supporting: Halstead Fire/EMS Department	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
2	Identify evacuation routes away from regulated facilities.

Supporting: Harvey County Communications	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Identify who is responsible for initial notification of ESF-10 personnel.
<i>Response (During Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Provide field support for emergency responders at the scene.

Supporting: Harvey County Emergency Management	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Identify who is responsible for initial notification of ESF-10 personnel.
3	Train personnel on EOC operation, the Incident Command System (ICS) and the National Incident Management System (NIMS).
4	Collect, process, and disseminate information to and from the EOC.
5	Develop and maintain ESF-10 Annex.
6	Participate in training, drills, and exercises.
7	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
8	Identify procedures for notification to the public about the status of hazmat facilities and transports.
9	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
10	Identify local transportation routes for hazardous materials on highway and rail.
11	Identify evacuation routes away from regulated facilities.
12	Develop emergency preparedness programs for hazardous materials incidents.
<i>Response (During Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Designate personnel to coordinate ESF-10 activities in EOC.
2	Manage the collection, processing, and dissemination of information between ESF 10 and EOC or incident command.
3	Provide field support for emergency responders at the scene.
4	Coordinate with ESF 2 and 15 to initiate warning to the public of imminent hazmat incident or radiological release.
5	Alert all local, state, and federal agencies of incidents as prescribed by law or policy.

Supporting: Harvey County Fire District #1	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.
4	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
5	Identify evacuation routes away from regulated facilities.

Supporting: Harvey County Health Department	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Participate in training, drills, and exercises.

Supporting: Harvey County Road & Bridge	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Identify local transportation routes for hazardous materials on highway and rail.

Supporting: Hesston Fire/EMS Department	
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Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
2	Identify evacuation routes away from regulated facilities.

Supporting: Kansas Division of Emergency Management	
Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Participate in training, drills, and exercises.

Supporting: Sedgwick Fire/EMS Department	
Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
2	Identify evacuation routes away from regulated facilities.

Burrton CFD #5	
Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.
4	Identify critical facilities that may contain hazardous materials and develop a response plan for those facilities.
5	Identify evacuation routes away from regulated facilities.

City of Burrton	
Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.

City of Halstead	
Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.

City of Hesston	
Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.

City of Newton	
Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.

3	Participate in training, drills, and exercises.
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City of North Newton	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.

City of Sedgwick	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.

City of Walton	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-10 tasks.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.

Harvey County Administration	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Participate in training, drills, and exercises.

Harvey County Board of County Commissioners	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Participate in training, drills, and exercises.

Harvey County Medical Reserve Corps	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Participate in training, drills, and exercises.

Kansas Department of Transportation	
<i>Preparedness (Pre-Event) Actions for ESF 10 - Oil and Hazardous Materials</i>	
1	Identify local transportation routes for hazardous materials on highway and rail.
2	Identify evacuation routes away from regulated facilities.

IV. Financial Management

- A. ESF 10 is responsible for coordinating with Harvey County Administration to manage ESF 10 expenses relevant to an event.
- B. During a response, each agency/department funds disaster operations from their current operating budget and are responsible for recording and tracking agency expenditures. If a federally declared disaster exists, each agency is responsible for seeking

reimbursement in accordance to the formula has established by the Federal Emergency Management Agency via the FEMA/State Agreement.

- C. Expenditures by support entities will be documented by those entities and submitted directly to the Harvey County Administration or a designated Finance Service officer as soon as possible.

V. References and Authorities

REFERENCES

AUTHORITIES

