

ESF 11 - Agriculture and Natural Resources

Coordinating Agency:

KSU Sedgwick County Extension Education Center

Primary Agency:

American Red Cross
City of Wichita Animal Control
City of Wichita Environmental Health Department
City of Wichita Environmental Services
City of Wichita Police Department
City of Wichita Public Works And Utilities
Sedgwick County Animal Control
Sedgwick County Animal Response Team (SCART)
Sedgwick County Health Department
Sedgwick County Public Works
Sedgwick County Sheriff Office
Southern Baptist Disaster Relief of Kansas/Nebraska
State Animal Response Team (SART)

Support Agencies:

Adjutant General's Office, Kansas Division of Emergency Management
Humane Society of the United States (HSUS)
Metropolitan Area Building and Construction Department
Sedgwick County Communications Office
Sedgwick County Health Department Medical Reserve Corps
Veterinary Medical Association

I. Purpose and Scope

A. Purpose

1. ESF 11 provides the mechanism for coordinated local assistance to supplement other emergency support functions and, if available, support state and federal agencies with overall response authority. For this document, agriculture and natural resources include: animal and plant health, nutrition assistance, food protection, natural and cultural resources, and water quality and availability.

B. Scope

1. ESF 11 addresses the following:

a) Describes food and water security and inspections in the aftermath natural or technological disaster.

b) Addresses how natural and cultural resources will be protected and recovered in the aftermath of a disaster.

c) Due to limited local authorities in the areas of food contamination, plant pests, and animal disease, this plan references the Food and Agriculture Incident Annex that is attached to the Kansas Response Plan. This annex describes federal and state roles and authorities for food contamination, plant pests, and animal disease.

II. References and Authorities

Local

- Sedgwick County Code of Ordinances Chapter 9.
- Kansas Homeland Security Region G- Hazard Mitigation Plan 2019

State

- Executive Order 05-03, Use of the National Incident Management System (NIMS);
- Kansas Statutes Annotated (KSA), 48-9a01, Emergency Management Assistance Compact (EMAC);
- Secretary of the Kansas Department of Agriculture has authority with ESF 11 in preparedness, response, and recovery actions;
- K.S.A. 47-610. State quarantine, sanitary and other regulations; veterinarians; compensation
- Kansas Response Plan, 2017.

Federal

- Title II of the Americans with Disabilities Act; '
- U.S. Occupational Safety and Health Administration (OSHA) 29 C.F.R 1910- 29;
- 42 U.S.C. 11001-11050 Emergency Planning & Community Right-to-Know Act (EPCRA);
- Pets Evacuation and Transportation Act of 2006; • FEMA Disaster Assistance Policy 9523.19;
- Section 402 of the Clean Water Act, The Federal Water Pollution Control Act, as amended through Public Law 107-303;
- National Response Framework; 2021 Emergency ESF 11—Agriculture and Natural Resources Operations Plan Wyandotte County, Kansas 4 Emergency Operations Plan, ESF 11 Annex
- Homeland Security Presidential Directive – 9: Management of Domestic Incidents;
- Presidential Policy Directive – 8: National Preparedness; and • Comprehensive Planning Guide (CPG) 101.

III. Concept of Operations

A. General

1. ESF-11 is organized consistent with the Sedgwick County Emergency Operations Center and 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 Sedgwick County through the Sedgwick County Incident Response Framework, Area Operations and Incident Support Teams (ISTs) to provide a timely and appropriate response to an emergency or situation.
2. ESF-11 is coordinated by the Sedgwick County Extension Education Center. Working in partnership with the other ESF agencies in the EOC and out in the field, Extension staff can provide expertise and coordination where needed and will also be able to initiate liaison roles with the state and adjacent county agriculture and natural resources officials.
3. Sedgwick County Emergency Management personnel and the ESF-11 working in the EOC will make sure that information is being communicated to partners as needed. Sedgwick County Emergency Management will rely on all partners to relay pertinent information back to the EOC. The Sedgwick County EOC will monitor, collect, process and maintain disaster assessment information reported from the field.
4. Sedgwick County Emergency Communications will notify the "on call" Emergency Management Duty Officer (DO) when Sedgwick County has been threatened or impacted by an emergency or disaster event as provided in the County Warning Point procedure. The DO through monitoring and/or communication with Emergency Communications is responsible for providing initial notification to the Emergency Management Director or designee to initiate EOC activation and notification procedures. EOC activation is further detailed in ESF-5 "Information and Planning".
5. ESF 11 will be activated or placed on standby upon notification by the Sedgwick County Emergency Operations Center . The representatives or designees of the coordinating agency will manage the emergency activities of ESF 11. If additional support is required, the ESF 11 coordinating and primary agencies may jointly manage ESF 11 activities.

B. Food and Water Supply

1. In the event that food and water inspections need to be conducted. The Extension Center will coordinate with the Sedgwick County Health Department, the City of Wichita Environmental Services and Ground Management Services will be the initial agencies that may conduct food and water inspections. These agencies will work with the proper state agencies to ensure that they stay informed.
2. ESF-11 will work with the other ESF's to gather information and identify nutritional assistance needs. Once those needs are identified ESF-11 will work with the ESF's (Primarily ESF-7.) to locate and allocate resources working with VOAD and other partners within ESF-7 to deliver the items to the designated locations.

3. To ensure the safety and security ESF-11 will work with partners to ensure that both are accounted for adequately. ESF-11 will utilize protocol guidance from the Kansas Department of Agricultural. ESF-11 will also work with the Sedgwick County Health Department and guidance from the Kansas Department of Health Environment in instances where there expertise is required. ESF-11 will work with the Sedgwick County Sheriff office and/or other ESF-13 partners to ensure that the food supplies are properly secured and protected.

C. Animal Health Care

1. ESF-11 will coordinate with ESF-6, the local veterinarian medical association, SCART, the Kansas Human Society, the Wichita Animal Shelter as needed to ensure long-term and shelter options are available.
2. ESF-11 will engage SCART who can work with the local veterinarians and the local veterinarian associations and regional mutual resources to meet the needs of animal health.
3. ESF-11 will coordinate with animal control resources, SCART and other agencies to accomplish the capture and transportation of animals.

D. Incident Specific Operations

1. Zoonotic

(1) Zoonotic diseases is an animal disease that could be transmitted to humans under natural conditions. Some diseases that can be contracted by humans from animals include:

- Anthrax
- Rabies
- Brucellosis
- Glanders
- HP Avian Influenza
- Newcastle Disease
- Plague (Yersinia pestis)
- Psittacosis
- Rift Valley Fever
- Swine Vesicular Disease
- Tularemia
- Venezuelan Equine Encephalomyelitis

- Vesicular Stomatitis

Sedgwick County Health Department

- Will respond to zoonotic disease incidents according to established protocols
- Will provide prophylactic treatment, if appropriate
- Will coordinate public information with KDHE, KDA and the JIC (if activated)

2. Radiological incident where contamination/deposition is present

(1) The Kansas Department of Agriculture may implement an agriculture control zone in response to a CBRNE incident.

3. Plant Disease

(1) Reference the Food and Agriculture Incident Annex to the 2017 Kansas Response Plan.

(2) The Sedgwick County Emergency Operations Plan provides established processes for resource support for all hazards. Resource support is subject to Sedgwick County policy, resource availability and capability status.

4. Plant, Pest or Disease

(1) Reference the Food and Agriculture Incident Annex to the 2017 Kansas Response Plan.

(2) The Sedgwick County Emergency Operations Plan provides established processes for resource support for all hazards. Resource support is subject to Sedgwick County policy, resource availability and capability status.

5. Foreign Animal Disease

(1) The Kansas Department of Agriculture will provide direction and control in a FAD event. Reference the Food and Agriculture Incident Annex to the 2017 Kansas Response Plan

(2) The Sedgwick County Emergency Operations Plan provides established processes for resource support for all hazards. Resource support is subject to Sedgwick County policy, resource availability and capability status.

6. Food and Water Supply Contamination

(1) In the event of food contamination resulting in foodborne illness, the Sedgwick County Health Department will conduct surveillance and monitoring to include interviews of individuals affected, investigations of the suspected contaminated area and/or facility, and testing. Notifications will be made to the KDHE and hospitals. Results of their findings and concerns and/or precautions will be conveyed to the public through the public information officer. Depending on the level of contamination, the CDC may also become involved depending on the uniqueness and spread of the contaminant. If there is suspected terrorism, law enforcement will also become involved along the with KDA.

(2) In the event of suspected contamination of the water supply due to rupture or breaks, the respective municipal public works departments or rural water supplier will conduct

tests after repairs have been made and super chlorinate the lines as needed. Boil water advisories will be made as needed, and bottled water will be provided to residents and businesses affected depending on the length of time for the repair and restoration of the water lines. If terrorism is suspected, law enforcement will also become involved and may delay repairs to the water supply system until their investigation has been concluded.

7. Natural Resource Protection and Restoration

(1) Depending on the event, there may be cultural or historic preservation and restoration issues to address, as well as natural resources issues such as potential contamination of the water and/or soil, as well as plants and animal life. If the emergency causes damage to historical sites, the County will work with the state and federal government to help ensure appropriate measures are taken to preserve and protect them. If the event, there may be a need to dispose of contaminated carcasses and other materials using expedient burial operations, the land used for such burials must meet environmental requirements and should be as close as possible to the exposed area. If needed, land purchases will be made to secure adequate disposal sites.

E. National or State Historical

1. Sedgwick County Historical Museum would be initial organizations to move the process forward and provide guidance to County. Structures registered in the national or state historical registries, or those structures eligible for inclusion in those registries, are subject to special considerations. The Sedgwick County Appraisers Office maintains a list of those structures in the County on the national and state registries.

Overall Actions Assigned to All Members	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Develop standard operating guides and checklists to support ESF-11 activities.
2	Collect, process, and disseminate information to and from the EOC.
3	Participate in training, drills, and exercises.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Develop preparedness programs that address household pet preparedness and response during disasters.
6	Identify pet boarding facilities and private organizations that may provide emergency shelters for animals.
7	Identify sources to augment emergency food and water supplies.
8	Identify local agribusiness operators with equipment and personnel to assist with animal stop movement and quarantine activities.
9	Develop and review procedures for augmentation of ESF 11 primary and support personnel.
10	Identify national and state historical properties and how they will be preserved, conserved, rehabbed, recovered, and restored to protect natural and cultural historic properties.

Overall Actions Assigned to All Members	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Provide field support for emergency responders at the scene.

2	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF11.
3	Determine the nutrition assistance needs, obtain appropriate food supplies and arrange for delivery of those supplies to the individuals or animals requiring such needs.
4	Provide assistance to established pet shelters.
5	Conduct inspections of food and water to determine safety for people and animals.
6	Support ESF 6 in the capture and transfer of animals to shelters.
7	Coordinate the removal and disposal of dead animals.
8	Manage and direct evacuation of animals from risk areas and provide technical assistance to prevent animal injury and the spread of disease.
9	Provide and/or receive appropriate mutual aid with surrounding jurisdictions.
10	Secure supplies, equipment, personnel and technical assistance from support agencies, organizations and other resources to carry out the response plans associated with animal health or any act of agro terrorism.
11	Investigate and respond to animal related inquiries, including animal cruelty and neglect complaints.
12	Coordinate with ESF 15 and PIO to release public information regarding animal health issues.

Overall Actions Assigned to All Members	
<i>Recovery (Post Event) Actions for ESF 11 - Agriculture and Natural Resources</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-11 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	Restore equipment and restock supplies to normal state of readiness.

Overall Actions Assigned to All Members	
<i>Mitigation Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Promote awareness of animal protection through public education brochures and information.
2	Participate in the hazard identification process and identify and correct vulnerabilities.
3	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
4	Provide ESF-11 representative for update of mitigation plan.

IV. 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: KSU Sedgwick County Extension Education Center	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Maintain a central personnel roster, contact, and resource lists to support ESF-11 tasks.
2	Identify responsibilities for liaison roles with state and adjacent county transportation officials.
3	Develop and maintain ESF-11 Annex.
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Designate personnel to coordinate ESF-11 activities in EOC.
2	Manage the collection, processing, and dissemination of information between ESF -11 and EOC or incident command.

Primary: Sedgwick County Animal Control	
<i>Response (During Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Enforce local animal control ordinances.

Primary: Sedgwick County Health Department	
<i>Mitigation Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Provide surveillance for a foreign animal disease or an animal borne poison or toxin that may pose a threat to the animal industries, the economy or public health.
2	Provide for surveillance of plant pests of unknown or questionable origin that may pose a potential threat to agriculture, horticulture, the economy or public health.

Sedgwick County Emergency Management	
<i>Preparedness (Pre-Event) Actions for ESF 11 - Agriculture and Natural Resources</i>	
1	Identify who is responsible for initial notification of ESF-11 personnel.
2	Train personnel on EOC operation, the Incident Command System (ICS) and the National Incident Management System (NIMS).

Sedgwick County Animal Response Team (SCART)

Provides a support network of animal and agricultural resources with the purpose of coordinating and providing those resources for training, mitigation, planning, mobilization, response, and recovery related to emergency incidents primarily, but not limited to, Sedgwick County, Kansas; and, provide interagency and coordinated efforts with private, public, livestock and volunteer organizations, businesses and agencies, to address animal emergency issues in certain areas in the State of Kansas.

Sedgwick County Animal Control

The Animal Control Department enforces Sedgwick County codes on the housing and care of animals, and ensures that animals and their remains do not pose a health or safety hazard to County residents. The enforcement activities include returning stray dogs to their owners, returning loose cattle to fenced pastures, investigating animal cruelty or violations of dangerous animal laws, and removing deer carcasses from County rights-of-way. Personnel also can assist SCART in the event of an emergency.

Sedgwick County Appraiser's Office

Will provide information on the ownership and specifics about properties within a given area to help determine real estate valuation for losses, provide current contact information, and private property information.

Sedgwick County Code Enforcement

Represents building permitting and inspections, zoning and nuisance inspections, floodplain permitting and determination, and waste water (septic/lagoon) permitting and inspections for Sedgwick County. The Department issues building permits in the unincorporated areas of the county; licenses trade's people; reviews' building plans; inspects new construction for compliance with building, electrical, plumbing and mechanical codes; and furnishes zoning and subdivision information to citizens, realtors, appraisers and contractors.

Wichita Animal Services/Shelter

Promotes and insures public health and safety, facilitates responsible pet ownership, humanely and responsibly cares for the animals in their charge, and provides education and positive enforcement efforts. The shelter contracts it's services to local Animal Control agencies like; Sedgwick County, Clearwater, Derby, Park City, Maize and Valley Center. Personnel also can assist SCART in the event of an emergency.

Kansas Animal Health Department (KAHD)

Ensures the public health, safety and welfare of Kansas' citizens through prevention, control and eradication of infectious and contagious disease and conditions affecting the health of livestock and domestic animals in the State of Kansas. KAHD has an emergency plan for response to Foreign Animal Disease, and works to improve upon that plan, through cooperative emergency planning with all Kansas Counties, and other Kansas agencies and private entities which would be involved in our response. KAHD also works with Kansas Emergency Management and Federal Agencies which will provide support and oversight in a FAD event.

Kansas Department of Health & Environment – Bureau of Water and Watershed Management

The Bureau of Water administers programs related to public water supplies, wastewater treatment systems, the disposal of sewage, and nonpoint sources of pollution. Programs are designed to provide safe drinking water, prevent water pollution, and assure compliance with state and federal laws and regulations such as the Clean Water Act and Safe Drinking Water Act. The Watershed Management section develops and reviews strategies, management plans, local environmental protection plans, and county environmental codes intended to control nonpoint source pollution.

V. Financial Management

A. ESF 11 is responsible for coordinating with Sedgwick County Purchasing Department to manage ESF 11 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 Sedgwick County Purchasing Department or a designated Finance Service officer as soon as possible.

