

ESF #11 - Agriculture and Natural Resources

ESF #11 Coordinator:	Kansas Department of Agriculture
Primary Agency:	Kansas Department of Agriculture, Division of Food Safety Kansas Animal Health Department
Support Agencies:	The Adjutant General's Department, Kansas Division of Emergency Management The Adjutant General's Department, Kansas National Guard Kansas Highway Patrol Kansas Department of Wildlife and Parks Kansas Department of Health and Environment, Division of Health Kansas Department of Social and Rehabilitation Services Kansas State Historical Society Kansas Water Office American Red Cross Kansas Voluntary Organizations Active in Disasters, Kansas Veterinary Medical Association Kansas Voluntary Organizations Active in Disasters, Kansas Volunteer Veterinary Corps

Purpose

Emergency Support Function (ESF) #11 – Agriculture and Natural Resources supports state and local authority's efforts to address:

- Control and eradication of an outbreak of a highly contagious or economically devastating animal/zoonotic disease;
- Assurance of food safety and food defense, including prevention, detection and response of food borne illnesses;
- Highly infective exotic plant disease, or economically devastating plant pest infestation;
- Safety of public water supplies against natural or criminal introduction of contaminants; and
- Protection of natural and cultural resources, including wildlife, public land/park management and protection of historic properties.

Scope

As the designated coordinating agency for ESF #11, The Kansas Department of Agriculture (KDA) will organize discussions, information sharing meetings, plans, exercises, training, and other activities in support of this function.

The majority of the functions addressed in ESF #11, with the exception of Water Supply Safety, require the implementation of state level emergency protocols and procedures, and pre and post disaster programs.

ESF #11 establishes the policies that define the extent of the involvement of such programs in leading a coordinated response, with the support of local officials. Incident specific protocols have been developed to effectively implement surveillance, diagnosis, control and eradication of animal and plant health threats, as well as natural or intentional threats to the food and water supplies. Assurance of the safety and security of the commercial food supply: Includes the inspection and verification of food safety aspects of slaughter and processing plants; products in distribution and retail sites; laboratory analysis of food samples; control of products suspected to be adulterated; plant closures; food borne disease surveillance; and field investigations. ESF #11 incorporates issues related to the assurance of the safety of public water supplies, specifically under disaster conditions.

ESF #11 of the National Response Plan addresses the protection of Natural and Cultural resources and Historic properties (NCH), under the leadership of the US Department of Interior. The federal actions described in that plan include appropriate response actions to conserve rehabilitate, recover, and restore NCH resources.

In comparison, this ESF #11 of the Kansas Response Plan (KRP) addresses the protection of natural and cultural resources through the coordination of activities among a number of state agencies, in the following manner:

- Kansas Department of Wildlife and Parks (KDWP) is the lead on public land use and conservation, as well as wildlife management and protection.
- Kansas State Historical Society is responsible for ensuring the protection and preservation of historical and cultural assets (ranging from unmarked burial sites to buildings, structures, sites, objects, and districts listed on the National Register of Historic Places or the Register of Historic Kansas Places and their environs) on state, county, and municipal lands.
 - Tribal Nations are responsible for the preservation of historical assets on tribal land.

- Other water resource programs:
 - KDA manages the State's water supplies through a system of permits, reviews, and inspections. It issues water rights, maintains data about water usage and administers water rights during times of shortage through the Water Appropriation program. The Water Structures program inspects and regulates the safety of dams to protect lives and property. The program also monitors activities affecting the flow of rivers and streams for safety. The Water Management Services program administers interstate river compacts and the sub-basin resource management plan for a long-term, statewide water usage plan. The Sub-basin Water Resource Management program works to resolve ground water decline and stream flow depletion.

Policies

The KDA coordinates state ESF #11 in preparedness, response, and recovery actions. The KDA will work in conjunction with Kansas Department of Health and Environment (KDHE) in areas of actual or potential human contamination. These actions do not alter or impede the existing authorities of any department or agency supporting ESF #11.

Concept of Operations

General

- Pre- Incident Planning Responsibilities: ESF #11 provides the framework for coordinating state level actions under a variety of emergency missions and related tasks. As the lead coordinating agency for ESF #11, the KDA is responsible for ensuring all related policies are structured in a manner that clearly defines issues of single or joint jurisdiction, promotes development and coordination of procedures and fosters collaboration on all matters impacting agricultural interests.
- Primary Agency by Incident
 - Animal Health
 - The Livestock Commissioner, of the Kansas Animal Health Department (KAHD), has statutory authority to direct and coordinate the emergency response to incidents threatening or affecting the health of livestock. The Livestock Commissioner and the Administrator of KDEM will serve as Unified Command in events involving control and eradication of animal disease.
 - The Livestock Commissioner will work in a Unified Command structure with the designee of KDEM and potentially USDA.

- Food Safety and Defense
 - The Director of Food Safety of the KDA and the designee of KDEM will serve as Unified Command in events requiring coordinated emergency actions to food safety threats, in the areas under the State's jurisdiction.
- Plant Health
 - The Program Manager for Plant Protection and Weed Control and the designee of KDEM will serve as Unified Command in events related to plant disease control and eradication.
- Public Water Supply Safety
 - The Division of Environment of the KDHE and the designee of KDEM will serve as Unified Command in emergencies related to public water supplies.

Threats to the food supply, as well as zoonotic diseases, are inextricably linked to public health concerns. Either scenario will require methodical information sharing and coordination among all disciplines and levels of response. Anytime a threat to public health is perceived or defined, the KDHE will coordinate the response operations to safeguard public health. The nature of the threat and the scope of the incident will dictate the extent of integration of command needed.

Organization

The KDA is responsible for coordinating the functions of ESF #11 and for bringing in other resources from federal and state agencies, as they are needed.

During an emergency or disaster, the primary and support agencies of ESF #11 will assign personnel to the SEOC. ESF #11 will respond directly to the Human Services Branch Chief who reports to the Operations Section Chief.

Notifications

- KDEM will notify the ESF #11 agencies when an area of Kansas is threatened or has been impacted by an emergency or disaster event;
- The designated agencies notified will report to the SEOC if so advised or requested by the KDEM; and
- The agencies designated to report to the SEOC will notify their agency personnel of the impending or actual event.

Actions

Once activated in the SEOC, ESF #11 team members on duty will accomplish one or more preparedness, response, recovery, and mitigation actions. The following is a list of those actions:

- **Preparedness**
 - Identify and schedule disaster response training for ESF #11 assigned personnel; and
 - Periodically update the list of available water and ice vendors.
- **Response**
 - Inventory food and water supplies;
 - Coordinate with ESF #6 - Mass Care, Housing, and Human Services to identify the number of people in shelters and others in need of food and water;
 - Coordinate with ESF #6 - Mass Care, Housing, and Human Services, to identify the locations of all mass feeding sites;
 - Coordinate with ESF #12 - Energy, to monitor power outages for estimated ice needs and quantities;
 - Coordinate with ESF #3 - Public Works and Engineering, and ESF #8 - Health Medical Services, to monitor water contamination in the disaster area and estimate water needs and quantities;
 - Coordinate with ESF #7 - Resource Support, to obtain additional refrigerated trailers;
 - Identify menus for meals to be used for calculation of food supplies and serving portions;
 - Assess warehouse space and needs for staging areas;
 - Coordinate with ESF #15 - External Communications to incorporate offers of donated supplies into the disaster feeding network; and
 - Monitor and coordinate the flow of food, water and ice supplies into the impact area.
- **Recovery**
 - Monitor food, water, and ice needs;
 - Assess special food concerns of the impacted residents;
 - Monitor nutritional concerns; and
 - Establish logistical links with local organizations involved in long-term congregate meal services.
- **Prevention**
 - Provide public awareness materials and conduct presentations.

Direction and Control

- Activities will be coordinated through the State Emergency Operations Center (SEOC) that will serve as the source of all direction and control;
- The Adjutant General (TAG) or designee of Kansas Division of Emergency Management (KDEM) provides direction and control for ESF #11 to include mission assignments, mutual aid, Kansas Emergency Response Team (KERT), contracts for goods and services, radiological emergencies, and recovery and mitigation activities;
- ESF #11 falls within the Human Services Branch Chief's arena;

- Agencies of ESF #11 may serve the KERT in Field Operations (i.e., the Kansas Assessment Team, Joint Field Office (JFO) operations, Disaster Recovery Center operations, intrastate and/or interstate mutual aid assistance, etc.);
- When a request for assistance is received by ESF #11 it is assigned to the agency or agencies that have the most appropriate resources and expertise to accomplish the task;
- KDEM will assist in the coordination of federal response efforts under the provisions of a Presidential Disaster Declaration; and
- ESF #11 will coordinate with and provide support to ESF #6 - Mass Care, Housing, and Human Services.

Responsibilities

The KDA is designated as the coordinator for ESF #11. As ESF coordinator KDA, and the KDEM coordinates meetings, plans, exercises, training, and other activities with, the private sector, and the ESF #11 support agencies.

Kansas Department of Agriculture *Division of Food Safety*

- Determine the availability of United States Department of Agriculture foods that are safe for human consumption within the disaster area;
- Coordinate with KDEM, ESF #6 - Mass Care, Housing, and Human Services and local officials to determine food, water, and ice needs for the population in the impacted areas;
- Make emergency food supplies available to households for take-home consumption if appropriate for qualifying households, if authorized by the United States Department of Agriculture;
- Develop a plan of operation that will ensure timely distribution of food supplies to mass care locations;
- Monitor the number of mass feeding sites, soup kitchens, and pantries providing food to disaster victims;
- Provide resources to aid in animal disease diagnosis;
- Conduct disease surveillance at state licensed abattoirs;
- Implement control measures based on the risk analysis of the on-going animal disease emergency;
- Support state public information efforts with experienced staff and relevant information; and
- Provide data to help track resources or potential vulnerabilities.

Kansas Animal Health Department

- Provide leadership in coordinating the prevention, control and eradication of infectious, and contagious disease that affect livestock and domestic animals in Kansas;
- Notify KDEM of any cases of suspected of Foreign Animal Disease (FAD);

- Initiate quarantines or sanitation measures, as required;
- Monitor reports of symptoms or clinical signs of diseases in animals;
- Direct appropriate law enforcement officers to implement quarantine measures;
- Order the confiscation and disposal of infected or exposed animals, as appropriate;
- Maintain liaison with US Department of Agriculture, Animal and Plant Health Inspection Service personnel;
- Conduct all relevant investigative operations required to prevent future introduction of Foreign Animal Disease (FAD); and
- Conduct investigative interviews in conjunction with the KAHD to identify source and scope of infection.

The Adjutant General's Department

Kansas Division of Emergency Management

- Assign mission numbers;
- Coordinate geographical information technology to be used during the outbreak; and
- Provide liaisons to affected jurisdictions.

Kansas National Guard

- Assist in transporting water and food supplies into the disaster area;
- Provide personnel and cargo handling equipment to assist in the operation of the ESF #11 warehouse in staging area;
- Support response operations and eradication activities by providing heavy equipment and manpower to operate it; and
- Provide staff and equipment to haul cargo or personnel.

Kansas Highway Patrol

- Assists with securing the area, as required for access and movement in the quarantine area;
- Assist with controlling access and movement, including visual inspections of animal transports; and
- Supports eradication activities.

Kansas Department of Wildlife and Parks

- Establishes prohibitions on game, bird and fish products in controlled areas;
- Conduct surveillance of susceptible wild animal species, as required;
- Depopulate infected or potentially exposed wildlife populations, as required;
- Provide scientific/technical advice, information, and assistance to help prevent or minimize injury to and to preserve, protect, conserve, stabilize rehabilitate, or restore natural resources;

- Provide assistance to local law enforcement and county Humane Societies in animal issues regarding abandoned, escaped, or captive wildlife and exotics; and
- Provide protection of historical properties located on State Parks prior to, during, and/or after a disaster/emergency.

Kansas Department of Health and Environment

Division of Health

- Provide demographic information on the infant and elderly population in the potential impact area;
- Provide demographic profiles of the Department of Health income eligible assistance programs in the impacted area;
- Provide current information on sources of infant formula;
- Provide technical advice, and final approval authority, on carcass disposal locations;
- Provide technical advice to disposal teams regarding regulations on environmental impact;
- Provides technical advice on location of cleaning and disinfecting stations;
- Identify/approve regulated disposal and treatment activities;
- Provide technical assistance for microbial threats that might affect human health; and
- Provide assistance with human health issues involving the destruction of carcasses.

Kansas Department of Social and Rehabilitation Services

- Coordinate the distribution of bulk commodities to victims of an emergency or disaster through volunteer agencies; and

Kansas State Historical Society

- Provide database of historical properties; and
- Provide recovery personnel to the KERT.

Kansas Water Office

- Provide for water planning, conservation, assurance, marketing, modification, and state/federal lake level management.

American Red Cross

- Identify and assess the requirements for food and distribution services on a two-phase basis: (1) critical emergency needs immediately after the disaster, and (2) longer-term sustained needs after the emergency phase has ended; and
- Coordinate the food distribution effort of other volunteer organizations.

Kansas Voluntary Organizations Active in Disasters

Kansas Veterinary Medical Association

- Work with the Livestock Commissioner and KAHD to provide a list of member veterinarians as a source for the Kansas Volunteer Veterinary Corps;
- Provide support to the KAHD as needed in the event of a FAD outbreak in representation of veterinarians throughout the State of Kansas; and
- Communicate with members of the Kansas Veterinary Medical Association (KVMA) with regard to FAD preparedness and the FAD Annex of the KRP.

Kansas Volunteer Veterinary Corps

- Provide volunteer veterinary services under the direction of the Kansas Livestock Commissioner; and
- Provide assistance in disease control and eradication.

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