



ESF-11 Agriculture, Animal Welfare, and Natural Resources

JOHNSON COUNTY EMERGENCY OPERATIONS PLAN

Coordinating Agency: Johnson County Extension Office

Support Agencies:

Johnson County Appraiser
Johnson County Department of Health and Environment
Johnson County Fair Board
Johnson County Legal Department
Johnson County Museums
Johnson County Planning and Development
Johnson County Parks and Recreation
Johnson County Sheriff's Office
Johnson County Public Works
Johnson County Animal Response Team (JoCART)
Jurisdictional Animal Control Officers
Jurisdictional Fire Departments
Jurisdictional HAZMAT Teams
Jurisdictional Law Enforcement
Kansas City Veterinary Medical Association
Kansas Veterinary Medical Association
Kansas Department of Agriculture
Kansas Department of Health and Environmental
Kansas Department of Transportation
Kansas Highway Patrol
CODE 3
Animal Emergency Response Organizations

INTRODUCTION

Purpose

The purpose of the *ESF-11 Agriculture, Animal Welfare and Natural Resources Annex* is to establish how agriculture, animal welfare, and natural resource activities will be coordinated to meet the needs generated by disasters affecting Johnson County.

Scope

This annex identifies the key policies, concepts of operations, roles and responsibilities, and capabilities associated with *ESF-11 Agriculture, Animal Welfare and Natural Resources* in Johnson County. Specific operating procedures and protocols are addressed in documents maintained by the participating organizations.

ESF-11 Agriculture, Animal Welfare and Natural Resources applies to all individuals and organizations and the full range of animal welfare and natural resource support that may be required during disaster response and recovery operations in Johnson County. In addition, this Annex will provide Household Animal Pet Support in relation to *ESF-6 Mass Care Annex* during emergencies/disasters.

ESF-11 will provide direction for:

- Animal Health Emergencies- (Foreign Animal Disease) Appendix
- Household Pets and Service Animals Response - Animal Welfare Appendix
- Food safety coordination, security, and support
- Natural, Cultural, Historic (NCH) resources preservation and protection

This main annex will outline Food Safety Coordination, Security, and Support, and Natural, Cultural, Historic resources preservation and protection. In addition to the main ESF-11 annex, there are also two additional Appendixes in association with *Agriculture, Animal Welfare and Natural Resources*. The *Animal Emergencies Appendix* outlines response activities for any animal emergencies impacting the county. The *Household Pets and Service Animals Appendix* provides county planning and response plans for supporting animals (evacuation, sheltering, rescue, etc)

SITUATION & ASSUMPTIONS

In addition to the “Situation and Assumptions” section in the Basic Plan, the Concept of Operations for ESF-11 is based on the following:

Situation

1. Ensuring the food safety coordination and security of the commercial food supply includes the coordination of routine food safety inspections (conducted by the Kansas Department of Agriculture (KDA) and other services to ensure the safety of food products that enter commerce. This includes the inspection and verification of food safety aspects of slaughter and processing plants, products in distribution and retail sites, and import facilities at ports of entry; laboratory analysis of food samples; control of products suspected to be adulterated; plant closures; food borne disease surveillance; and field investigations. These efforts are coordinated at the federal level by USDA’s Food Safety and Inspection Service (FSIS). The FDA handles this activity for restaurants and retail food. Johnson County does not operate a food safety program.
2. Food Contamination- There may be situations where food is contaminated at the original source such as farms or ranches. In addition contamination can occur in manufacturing, processing, distribution plants, and retail or restaurant sites as well.
3. In some cases, there may be contamination due to man-made or terrorist type activities that will require law enforcement investigations.
4. Protecting the Natural, Cultural and Historical (NCH) resources includes appropriate response actions to preserve, conserve, rehabilitate, recover, and restore NCH resources. This includes providing post-event baseline assessments of damages and providing technical assistance and resources for assessing impacts of response and recovery activities to NCH resources. These efforts are coordinated at the federal level by the Department of the Interior (DOI).
5. Johnson County has a number of various natural, cultural, and historical sites to include the following data points:

Johnson County’s Natural, Cultural, and Historical Sites

Historic sites	123	Museums	16
Libraries	16	Shopping centers	151
Places of worship	316	Cemeteries	40
Miles of biking, jogging, hiking trails	365	Miles bicycle roadway routes	269
Parks (the largest is 960 acres)	377	Creeks	28

6. Johnson County has a number of identified private and public properties that are formally listed on the Kansas Historic Sites and the National Register of Historic Places.]
7. Johnson County Parks and Recreation is responsible for oversight and maintenance of the county parks and properties.

8. If the emergency causes damage to historical sites, Johnson County will work with the state and the Federal government to help ensure appropriate measures are taken to preserve and protect them.

Assumptions

1. Depending on the event, there may natural resources issues such as potential contamination of the water and/or soil, as well as plants and animal life.
2. Structures registered in the national or state historical registries, or those structures eligible for inclusion in those registries, are subject to special considerations.
3. The Department of Interior is primary agency for NCH resources who organizes and coordinates the capabilities and resources of the Federal Government to facilitate the delivery of services, technical assistance, expertise, and other support for the protection, preservation, conservation, rehabilitation, recovery, and restoration of NCH resources through all phases of an incident requiring a coordinated Federal response.

CONCEPT OF OPERATIONS

1. The Coordinating Agency for ESF-11 Agriculture, Animal Welfare, and Natural Resources is Johnson County Extension Office. They will coordinate all response efforts with the supporting agencies for the respective areas of this annex to fulfill the ESF-11 mission.
2. The mission of the ESF-11 Agriculture, Animal Welfare, and Natural Resources Team is to ensure the provision and coordination of Food Safety and Security, Natural, Cultural, and Historical sites, Animal Welfare, Animal, Plant and Pest Disease response required to meet the needs generated by disaster affecting Johnson County. The ESF-11 Team will orchestrate the countywide coordination required to fulfill this mission. These activities will include:
 - a. Establish and maintain operational awareness of Food Safety Coordination and Security; Natural, Cultural, and Historical sites through direct communications links with operational units. (KDA, Historical site owners, Parks and Recreation personnel, volunteer groups, liaisons, etc.) in the field and/or their appropriate coordinating entities;
 - b. Establish and maintain operational awareness of Animal Welfare through direct communications links with operational entities. (Animal Control Officers, Community Animal Shelter Facilities and volunteer groups, law enforcement, liaisons, etc.) in the field and/or their appropriate coordinating entities;
 - c. Establish and maintain operational awareness of Animal, Plant and Pest Disease response through direct communications links with operational

- units (Animal Control Officers, Veterinarian representatives, law enforcement, volunteer groups, liaisons, KDA, etc.) in the field and/or their appropriate coordinating entities;
 - d. Establish and maintain operational awareness of radiological and/or hazardous materials response (where contamination/deposition is present) through direct communications links with operational units (jurisdictional hazmat teams, Veterinarian representatives, law enforcement, supporting ESF liaisons, KDA, KDHE, etc.) in the field and/or their appropriate coordinating entities;
 - e. Conduct energy and utilities disaster impact and needs assessments, prioritize ESF-11 operational objectives in alignment with the EOC Incident Support Plan, and coordinate ESF-11 county-wide response activities;
 - f. Collect and analyze information relevant to ESF-11 and report in WebEOC and EOC documents including EOC Incident Support Plans and Situational Reports;
 - g. Receive, manage, & track resource requests for ESF-11;
 - h. Ensure full coordination of activities with other groups within the EOC to assist in the development and maintenance of a common operating picture.
 - i. Coordinate with ESF-15 Public Information to provide public information to disseminate where appropriate.
3. All individuals/organizations involved in disaster response should collect and record information on the utilization of labor, materials, equipment, and disaster-related costs.

Food and Water safety, security, and support

1. Recall notices from the FDA and USDA are received by Johnson County as appropriate. National notices of recalls may or may not result in disease. If disease from a food source or a recalled product is found, JCDHE will work closely with KDHE and KDA to manage the event.

In the event of food borne illness outbreaks or intentional/accidental food contamination from state licensed food vendors or facilities, JCDHE will assist KDHE and KDA in such investigations regardless of intentional or unintentional contamination related to all human illness investigations.

2. KDA, in collaboration with KDHE, will inspect food supplies, intended for both human & animal consumption that might have been contaminated. KDHE can also inspect for food borne pathogens with prior approval. JCDHE will coordinate with and support KDA activities related to food supply inspections through ESF-11.
3. As highlighted in the *ESF-12 Energy and Utilities Annex*, water districts, with support from JCDHE and KDHE are responsible for conducting inspections of water supplies and communicating a coordinated message as outlined in ESF 15.

4. The Extension Office, which serves as the county's technical advisor on agricultural matters and animal health issues related to livestock, will issue advisories for the protection of feed and livestock. Advisories related to wells in Johnson County will be made in conjunction/coordination/consultation with the KDHE Bureau of Water.
5. Inspections of water supply are to be conducted by the appropriate public water district.

Natural, Cultural, and Historical resources preservation and protection

1. The ESF -11 Agriculture, Animal Welfare, and Natural Resources Team will:
 - a. Coordinate natural resources and cultural and historic properties damage assessments
 - b. Facilitate and implement appropriate protective measures
 - c. Assist in ensuring compliance with relevant Federal environmental laws, such as emergency permits for natural resources use or consumption
 - d. Assist with response and recovery actions to minimize damage to natural resources
 - e. Coordinate with ESF-3 Public Works and Engineering and ESF -10 Oil and Hazardous Materials on the removal of debris affecting any natural and/or cultural and historic resources
 - f. Coordinate with ESF -3 to manage, monitor, or provide technical assistance on emergency stabilization of shorelines, hillsides, etc. to protect natural resources and cultural and historic properties
2. The ESF-11 Agriculture, Animal Welfare, and Natural Resources team will coordinate with ESF-14 Assessment and Recovery to provide information regarding various financial grant opportunities for recovery and mitigation available for NCH sites. FEMA 533 Guide: "Before and After Disasters: Federal Funding for Cultural Institutions" provides information regarding Federal Funding for Cultural Institutions.
3. The ESF-11 Agriculture, Animal Welfare, and Natural Resources Team may utilize expertly skilled recovery groups who are knowledgeable regarding recovery of one-of-a-kind, unique items and documents that require specialized environments and actions to preserve and salvage the items without further damage.

ROLES AND RESPONSIBILITIES

ESF-11 Agriculture, Animal Welfare, and Natural Resources Team

The mission of the ESF-11 Agriculture, Animal Welfare, and Natural Resources Team is to ensure the provision of animal welfare and natural resource support required to meet the needs generated by disaster affecting Johnson County.	
Coordinating Agency	Johnson County Extension Office
Support Agencies	Johnson County Appraiser Johnson County Department of Health and Environment Johnson County Legal Department Johnson County Museums Johnson County Planning and Development Johnson County Parks and Recreation Johnson County Sheriff's Office Johnson County Public Works Johnson County Animal Response Team (JoCART) Jurisdictional Animal Control Officers Jurisdictional Fire Departments Jurisdictional HAZMAT Teams Jurisdictional Law Enforcement Kansas City Veterinary Medical Association Kansas Department of Agriculture Kansas Department of Health and Environmental Kansas Department of Transportation Kansas Highway Patrol CODE 3 Animal Emergency Response Organizations
Core Capabilities	<p><u>Public and Private Services and Resources</u> Mission Area: Response Description: Provide essential public and private services and resources to the affected population and surrounding communities, to include emergency power to critical facilities, fuel support for emergency responders, and access to community staples (e.g., grocery stores, pharmacies, and banks) and fire and other first response services.</p> <p>NCH Resources Protection</p> <ul style="list-style-type: none"> • Coordinates NCH resources identification and vulnerability assessments. • Facilitates development and application of measures and strategies to protect, preserve, conserve, rehabilitate, stabilize, and guide the recovery of NCH resources.

- Assists in emergency compliance with relevant Federal environmental laws, such as emergency permits/consultation for natural resources use or consumption, during emergency response activities.
- Manages, monitors, and assists in or conducts response actions to minimize damage to NCH resources.
- Provides assistance and expertise in addressing impacts to properties of traditional religious and cultural importance.
- Coordinates with ESF 5 to provide up-to-date geospatial data related to impacted NCH resources and develops and provides standard operating procedures for collecting NCH digital data, conducting GIS analyses, and disseminating geospatial products, such as maps, related to NCH resources.

Mass Care Services

Mission Area: Response

Description: Provide life-sustaining services to the affected population with a focus on hydration, feeding, and sheltering to those who have the most need, as well as support for reunifying families.

NCH Resources Protection

- Assists in data collection and information analysis to inform decisions on placement of temporary housing sites and staging areas and mitigate possible damage to natural and cultural resources.
- Conducts surveys of wetlands, archeological sites, and biological assessments to assist with evaluating sites to inform planning and operational decisions.

Animal (including Household Pets and Service Animal) Mass Care and Emergency Assistance

- Supports ESF #6 to coordinate an integrated response to meet the mass care and emergency assistance needs of animals, including household pets and service animals, and their owners.
- Facilitates whole community multi-agency coordination with NGO agencies for animal response activities.
- Provides technical assistance and subject matter expertise regarding animal response issues.
- Coordinates needs assessments for animals, including household pets and service animals, and animal response needs and activities including technical support for evacuation and emergency animal sheltering.

Critical Transportation

Mission Area: Response

Description: Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals, and the delivery of vital response personnel, equipment, and services into the affected areas.

NCH Resources Protection

In support of response operations for damaged bridges, roads, culverts, borrow pits, and ditches:

- Conducts surveys and evaluations for archaeological resources, historic structures, cultural landscapes, biological resources, wetlands, and critical habitat.
- Assesses, evaluates, and makes recommendations for both natural and cultural resources to mitigate damage from incidents and reduce impacts to these resources resulting from repair, road surveying, and construction.
- Provides monitors to protect sensitive resources during response operations.
- Assists with environmental compliance:
 - Section 106 of the National Historic Preservation Act
 - Threatened and Endangered Species Consultation
 - Migratory Species Act

Environmental Response/Health and Safety

Mission Area: Response

Description: Ensure the availability of guidance and resources to address all hazards including hazardous materials, acts of terrorism, and natural disasters in support of the responder operations and the affected communities.

NCH Resource Protection

- Coordinates with ESF#10 – Oil and Hazardous Materials Response on the removal of debris affecting NCH resources.
- Coordinates with KDA on zoonotic and wildlife diseases.
- Assists with environmental compliance:
 - Section 106 of the National Historic Preservation Act
 - Threatened and Endangered Species Consultation
 - Migratory Species Act
- Performs assessments and surveys to assist with planning and operational decisions (e.g., temporary housing and sheltering plans).
- Provides technical advice on mitigating impacts of contaminants and recommends clean up actions to minimize damage to sensitive resources from response activities.
- Comments on debris removal plans to minimize the impact on sensitive environmental resources.

Public Health and Medical

Mission Area: Response

Description: Provide lifesaving medical treatment via emergency medical services and related operations and avoid additional disease and injury by providing targeted public health and medical support and products to all people in need within the affected area.

	<p>Animal and Agricultural Health</p> <ul style="list-style-type: none"> • Responds to animal and agricultural health emergencies. • Coordinates with KDA, KDHE and ESF 8 on management of zoonotic disease. • Coordinates with ESF #8 to ensure that animal/veterinary health issues (including both disease management and medical management) are supported. <p>Food Safety and Inspection:</p> <ul style="list-style-type: none"> • Ensures the safety of the County’s supply of meat, poultry, and processed egg products. <p>Infrastructure Systems Mission Area: Response, Recovery Description: Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community.</p> <p>NCH Resources Protection</p> <ul style="list-style-type: none"> • Assists with environmental compliance: <ul style="list-style-type: none"> – Section 106 of the National Historic Preservation Act – Threatened and Endangered Species Consultation – Migratory Species Act • Performs assessments and surveys to assist with planning and operational decisions. • Monitors response operations to protect sensitive resources. • Provides technical advice on mitigating impacts of operations and recommends response actions to minimize damage to natural and cultural resources. • Coordinates with ESF #3 on the removal of debris affecting NCH resources.
<p>Preparedness</p>	<ul style="list-style-type: none"> • Review the ESF-11 Annex annually and update as needed • Continually evaluate the capabilities required to accomplish the ESF-11 mission, identify any gaps, and leverage resources to address them • Manage the resolution of ESF-11 after-action issues • Develop and/or participate in relevant ESF related planning, training, and exercise activities at the local, regional, state, and/or federal level • Ensure necessary supplements to the ESF annex are developed and maintained (including emergency contact lists, resource lists, departmental/functional plans, procedures, protocols, & EOC job aids) • Ensure representatives from the Coordinating Agency and Support Agencies are fully trained and prepared to respond to the County EOC as ESF-11 Team Members

Response	<ul style="list-style-type: none"> • Establish and maintain operational awareness of Food Safety and Security; Natural, Cultural, and Historical sites through direct communications links with operational units. (KDHE, Historical site owners, Parks and Recreation personnel, volunteer groups, liaisons, etc.) in the field and/or their appropriate coordinating entities; • Establish and maintain operational awareness of Animal Welfare through direct communications links with operational entities. (Animal Control Officers, Community Animal Shelter Facilities and volunteer groups, law enforcement, liaisons, etc.) in the field and/or their appropriate coordinating entities; • Establish and maintain operational awareness of Animal and Plant Disease response through direct communications links with operational units (Animal Control Officers, Veterinarian representatives, law enforcement, volunteer groups, liaisons, etc.) in the field and/or their appropriate coordinating entities; • Conduct agriculture, animal welfare, and natural resources disaster impact and needs assessments, prioritize ESF-11 operational objectives in alignment with the EOC Incident Support Plan, and coordinate ESF-11 county-wide response activities; • Collect and analyze information relevant to ESF-11 and report in WebEOC and EOC documents including EOC Incident Support Plans and Situational Reports; • Receive, manage, & track resource requests for ESF-11; • Ensure full coordination of activities with other groups within the EOC to assist in the development and maintenance of a common operating picture. • Coordinate with ESF-15 Public Information to provide public information to disseminate where appropriate.
Recovery	<ul style="list-style-type: none"> • Coordinate the ESF-11 support of recovery activities • Coordinate the restoration of ESF-11 resources and/or capabilities as needed • Ensure ESF-11 Team Members and/or their agencies provide appropriate records of costs incurred • Conduct an ESF-11 after action review
Mitigation	<ul style="list-style-type: none"> • Identify/ implement mitigation activities to prevent or lessen impacts of future incidents

ESF-11 Agriculture, Animal Welfare, and Natural Resources Coordinating Agency Responsibilities

Johnson County Extension Office	
Preparedness	<ul style="list-style-type: none"> • Ensure each of the preparedness responsibilities identified for the County ESF-11 Team (listed above) are accomplished • Maintain an inventory of agency resources • Provide current emergency contact information to Johnson County Emergency Management
Response	<ul style="list-style-type: none"> • Provide Agriculture, Animal Welfare, and Natural Resource support in emergency/disasters, in accordance with departmental operations guides & protocols, existing MOUs & agreements, and the <i>ESF</i>

	<ul style="list-style-type: none"> • Ensure each of the response responsibilities identified for the County ESF-11 Team (listed above) are accomplished regardless of the activation/staffing level of the County EOC • Arrange for appropriate staffing of the County ESF-11 Team in the EOC throughout activations • Coordinate the activities of ESF-11 Team Members in the County EOC
Recovery	<ul style="list-style-type: none"> • Coordinate the ESF-11 support of recovery activities • Coordinate the restoration of ESF-11 resources and/or capabilities as needed • Ensure ESF-11 Team Members and/or their agencies provide appropriate records of costs incurred • Conduct an ESF-11 after action review
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents

ESF Support Agency Responsibilities

Johnson County Museums	
Preparedness	<ul style="list-style-type: none"> • Assist with the ESF-11 Team preparedness activities (listed above) • Maintain an inventory of agency resources • Provide current emergency contact information to Johnson County Emergency Management
Response	<ul style="list-style-type: none"> • Coordinate response activities with the ESF-11 in support of the ESF-11 mission • Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> • Coordinate the restoration of agency resources and/or capabilities as needed • Participate in countywide recovery planning and activities • Prepare the documentation required to become eligible for reimbursement • Participate in after action reviews
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents
Johnson County Park and Recreation	
Preparedness	<ul style="list-style-type: none"> • Assist with the ESF-11 Team preparedness activities (listed above) • Maintain an inventory of agency resources • Provide current emergency contact information to Johnson County Emergency Management
Response	<ul style="list-style-type: none"> • Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission • Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> • Coordinate the restoration of agency resources and/or capabilities as needed • Participate in countywide recovery planning and activities • Prepare the documentation required to become eligible for reimbursement • Participate in after action reviews
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents
Johnson County Department of Health and Environment	
Preparedness	<ul style="list-style-type: none"> • Assist with the ESF-11 Team preparedness activities (listed above) • Maintain an inventory of agency resources • Provide current emergency contact information to Johnson County Emergency Management
Response	<ul style="list-style-type: none"> • Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission

	<ul style="list-style-type: none"> • Send agency representatives to the County EOC as part of the ESF-11 Team when activated • Coordinate ESF-11 activities related to disease investigation, food contamination, and available resources with State EOC.
Recovery	<ul style="list-style-type: none"> • Coordinate the restoration of agency resources and/or capabilities as needed • Participate in countywide recovery planning and activities • Prepare the documentation required to become eligible for reimbursement • Participate in after action reviews
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents
Johnson County Sheriff's Office	
Preparedness	<ul style="list-style-type: none"> • Assist with the ESF-11 Team preparedness activities (listed above) • Maintain an inventory of agency resources • Provide current emergency contact information to Johnson County Emergency Management
Response	<ul style="list-style-type: none"> • Partners with law enforcement to provide terrorism activity intelligence and support • Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission • Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> • Coordinate the restoration of agency resources and/or capabilities as needed • Participate in countywide recovery planning and activities • Prepare the documentation required to become eligible for reimbursement • Participate in after action reviews
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents

POLICIES, AUTHORITIES, AND REFERENCES

Please refer to the Basic Plan for Policies, Authorities, and References.

State Statutes

- K.S.A. 47-608: Cooperation with Federal Officers.
- K.S.A. 47-610: State quarantine, sanitary and other regulations, veterinarians; compensation.
- K.S.A. 47-611: Quarantine and other regulations; notice of quarantine; proclamation by governor; enforcement.
- K.S.A. 47-612: Delivery of animals into quarantine; payment of costs and expenses; sale.
- K.S.A. 47-613: Quarantine duties of sheriff.
- K.S.A. 47-614: Killing unconfined, diseases or exposed animals.
- K.S.A. 47-615: Same; appraisalment; inventory; payment to owner.
- K.S.A. 47-616: Same; right of indemnity.
- K.S.A. 47-617: Same; payment of indemnity, expenses.
- K.S.A. 47-618: Execution of orders of commissioner; fees of officers; arrests; prosecutions.
- K.S.A. -620: Prohibiting entrance of stock from other states where disease has become epidemic.
- K.S.A. 47-622: Report of disease to animal health commissioners.
- K.S.A. 48-924: Disaster or drought; governor and lieutenant governor's powers and duties.
- K.S.A. 48-929: County and city disaster agencies; determination by governor; disaster emergency plans by county, city and inter-jurisdictional disaster agencies; duties of local officials.
- K.S.A. 12-16, 117: Municipal policies regarding the provision of assistance during times of disaster; immunity from liability. 16. K.A.R. 9-27-1: Designation of infectious or contagious diseases.
- K.A.R. 9-27-1: Designation of infectious or contagious diseases.

Additional Information

The following maps can be accessed through AIMS

- Land cover map detailing land use (farmland, water, residential, etc.)
- List and map of watershed

List of sites on the historical registry can be found here:

<http://www.nationalregisterofhistoricplaces.com/ks/Johnson/state.html>

Animal Disposal References:

Iowa State University has developed a website with information on emergency livestock composting (<http://www.extension.iastate.edu/pages/communications/epc/Su06/carcass.html>).

The Cornell Waste Management Institute has published several articles on livestock composting (<http://cwmi.css.cornell.edu>) and they are also cosponsoring a webinar this Friday (<http://cwmi.css.cornell.edu/mortalitywebinar.pdf>). Jean Bonhotal, Josh Payne and I were on a panel earlier this year so I can recommend this webinar as it should provide some good background information for you.

The University of Missouri published Composting Dead Swine (<http://extension.missouri.edu/publications/DisplayPub.aspx?P=WQ351>) several years ago, but it is still one of the best publications for figuring the amount of room and materials needed for composting swine.

Disaster Assistance Policy 9524.9 provides guidance for determining the eligibility of the replacement of animals that may be considered “equipment and furnishings” associated with disaster-damaged eligible public or private nonprofit (PNP) facilities.

APHIS: "Protecting American agriculture" is the basic charge of the U.S. Department of Agriculture's (USDA) Animal and Plant Health Inspection Service (APHIS). APHIS provides leadership in ensuring the health and care of animals and plants. The agency improves agricultural productivity and competitiveness and contributes to the national economy and the public health. <http://www.aphis.usda.gov/>