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## EMERGENCY SUPPORT FUNCTION #11

### AGRICULTURE and NATURAL RESOURCES

#### ESF Coordinator:

Tooele County Emergency Management

#### Primary Agency:

Tooele County Emergency Management

#### Support Agencies:

American Red Cross

Tooele County Health Department

Tooele County School District

Tooele County Sheriff

Tooele County Citizen Corps

Utah State Extension Office

Utah Voluntary Organizations Active in Disaster

#### Primary Points of Coordination and Associated Actions:

- A. ESF #1 (Transportation): coordinate transportation of food and water supplies.
- B. ESF #5 (Emergency Management): determine mission assignments for distribution of food; prepare action plans, Situation Reports (SITREPs), and electronic briefings and forward to Utah Division of Emergency Management (DEM).
- C. ESF #6 (Mass Care): coordinate food and water requirements at shelters and other mass care facilities.
- D. ESF #8 (Health and Medical): coordinate water supply initiatives to ensure the safety of the water supply.
- E. ESF #9 (Search and Rescue): provides for the capture, and the safety and well-being of household pets during response and recovery
- F. ESF #14 (Long Term Recover): coordinate requirements for the provision of food and water.
- G. ESF #15 (Public Information): coordinate information regarding food and water for release to the media and public.

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## I. INTRODUCTION

### A. Purpose

Emergency Support Function (ESF) #11 – Agriculture and Natural Resources supports State, tribal, and local authorities and other Federal agency efforts to provide nutrition assistance; control and eradicate, as appropriate, any outbreak of a highly contagious or economically devastating animal/zoonotic (i.e., transmitted between animals and people) disease, or any outbreak of an economically devastating plant pest or disease; ensure the safety and security of the commercial food supply; protect natural and cultural resources and historic properties (NCH) resources; and provide for the safety and well-being of household pets during an emergency response or evacuation situation. ESF #11 is activated by Tooele County Emergency Management for incidents requiring a coordinated local, State, Tribal and Federal response and the availability of support for one or more of these governmental entities and roles/functions.

### B. Scope

ESF #11 includes five primary functions:

1. **Providing nutrition assistance:** Includes working with the American Red Cross and State agencies to determine nutrition assistance needs, obtain appropriate food supplies and water, arrange for delivery of the supplies, and authorize the Disaster Food Stamp Program. These efforts are coordinated by the Tooele County Health Department.
2. **Responding to animal and plant diseases and pests:** Includes implementing an integrated Federal, State, tribal, and local response to an outbreak of a highly contagious or economically devastating animal/zoonotic disease, or an outbreak of a harmful or economically significant plant pest or disease. ESF #11 ensures, in coordination with ESF #8 – Public Health and Medical Services, that animal/veterinary issues in natural disasters are supported. These efforts are coordinated by Tooele County Health officials with and state, and in extreme cases, USDA's Animal and Plant Health Inspection Service (APHIS).
3. **Ensuring the safety and security of the commercial food supply:** Includes the execution of routine food safety inspections and other services to ensure the safety of food products that enter commerce. This includes the inspection and verification of food safety aspects of 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. These efforts are coordinated by the Tooele County Health Department.
4. **Protecting 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 by the State and the Department of the Interior (DOI).

5. **Providing for the safety and well-being of household pets:** Supports Tooele County, together with ESF #6 – Mass Care, Housing, and Human Services; ESF #8-Health and Medical; ESF #9 – Search and Rescue; and ESF #14 – Long-Term Recovery to ensure an integrated response that provides for the safety and well-being of household pets. ESF #11 is coordinated by Tooele County Animal Control.

## C. Policies

<p><b>General</b></p>	<ul style="list-style-type: none"> <li>• ESF 11 will most likely be activated in response to large-scale, jurisdiction wide, emergency incidents that would result in evacuations, sheltering, significant structural damage to infrastructure, contamination of water sources, chemical contamination, and/or the spread of infectious disease that may overwhelm county health department capabilities.</li> <li>• ESF #11 is activated by Tooele County following an actual incident that requires a coordinated local/state/federal response and support to help ensure one or more of the following: the availability and delivery of food products; food safety; appropriate response to an animal or plant disease or pest; the protection of natural and cultural resources and historic properties; and/or the safety and well-being of household pets.</li> <li>• Actions initiated under ESF #11 are coordinated by Tooele County and conducted cooperatively with State, Tribal, and Federal incident management team officials and the private sector.</li> <li>• Each supporting agency is responsible for managing its respective assets and resources after receiving direction from the primary ESF #11 agency for the incident.</li> </ul>
<p><b>Nutrition Assistance Policies</b></p>	<p><b>American Red Cross</b></p> <ul style="list-style-type: none"> <li>• Food supplies secured and delivered under ESF #11 are suitable either for household distribution or for congregate meal service as appropriate for the incident.</li> <li>• Transportation and distribution of food supplies within the affected area are arranged by Federal, State, local, and voluntary organizations.</li> <li>• ESF #11 officials coordinate with and support agencies responsible for ESF #6 that are involved in mass feeding.</li> <li>• ESF #11 officials encourage the use of congregate feeding arrangements as the primary outlet for disaster food supplies.</li> <li>• Priority is given to moving critical supplies of food into areas of acute need and then to areas of moderate need.</li> <li>• ESF #11 officials, upon notification that commercial channels of trade have been restored, may authorize the use of Disaster Food Stamp Program procedures.</li> </ul>
<p><b>Animal and Plant Disease and Pest Response Policies</b></p>	<p><b>Tooele County Health/USU Extension/Tooele County Animal Control</b></p> <ul style="list-style-type: none"> <li>• Animal and plant disease and pest responses are conducted in collaboration and cooperation with State authorities and private industries to ensure continued human nutrition and animal, plant, and environmental security.</li> <li>• When addressing animal diseases, all animal depopulation activities are conducted as humanely as possible while stopping pathogen spread and limiting the number of animals that must be euthanized. Disposal methods for infected or potentially infected carcasses and plant host material are chosen for their effectiveness in stopping pathogen spread and for their minimal impact on the environment.</li> </ul>

	<ul style="list-style-type: none"> <li>• In connection with an emergency in which a pest or disease of livestock threatens any segment of agricultural production , the USDA may make funds available as necessary for the arrest, control, eradication, or prevention of the spread of the pest or disease of livestock and for related expenses including indemnity for producers.</li> <li>• In the event of a plant health emergency, the Secretary may declare an extraordinary emergency and may also elect to provide compensation for economic losses incurred as a result of actions taken under the declaration of extraordinary emergency.</li> <li>• Under a declaration of extraordinary emergency, the USDA may use Federal authorities to take action within a State if the affected State is unable to take appropriate action to control and eradicate the disease or pest.</li> <li>• Actions taken during an animal or plant emergency are guided by and coordinated with State, tribal, and local emergency preparedness and response officials, homeland security officials, and existing USDA internal policies and procedures. In responding to an emergency that requires a coordinated response through the <i>National Response Framework</i>, APHIS coordinates with agencies affiliated with appropriate ESFs and other annexes, including the coordinating agency for the Worker Safety and Health Support Annex, to ensure appropriate measures are in place to protect the health and safety of all workers, including volunteers.</li> </ul>
<p><b>Commercial Food Supply Safety and Security Policies</b></p>	<p><b>Tooele County Health</b></p> <p>Actions are managed by Health Department officials and may coordinated with State, tribal, and local emergency preparedness and response officials, homeland security officials, and existing county policies and procedures.</p>
<p><b>NCH Resources Protection Policies</b></p>	<p><b>Tooele County Engineering</b></p> <ul style="list-style-type: none"> <li>• DOI is the primary agency for the NCH component of ESF #11.</li> <li>• Actions initiated under ESF #11 to protect, preserve, conserve, rehabilitate, recover, and restore NCH resources are guided by the existing internal policies and procedures of the agencies providing support for the incident.</li> <li>• The organizations providing support for each incident coordinate with appropriate ESFs and other annexes, including the coordinating agency for the Worker Safety and Health Support Annex, to ensure appropriate use of volunteers and their health and safety and to ensure appropriate measures are in place to protect the health and safety of all workers.</li> <li>• Each support agency is responsible for managing its respective assets and resources after receiving direction from the primary agency.</li> </ul>
<p><b>Household Pets Response Policies</b></p>	<p><b>Tooele County Emergency Management/Tooele County Animal Control/Red Cross</b></p> <ul style="list-style-type: none"> <li>• Animal evacuation and sheltering should be conducted in conjunction with human evacuation and sheltering efforts. Animals should be</li> </ul>

	<p>sheltered near their owners to the extent possible. Owners should be expected to provide food, water, husbandry, and exercise for their pets during the time they are in emergency shelters.</p> <ul style="list-style-type: none"> <li>• Businesses where animals are integral to operations (e.g., pet shops and veterinary hospitals) should be encouraged to have contingency plans in place for those animals in the event of a disaster or emergency.</li> </ul>
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## II. ASSUMPTIONS

- A. Overall control and coordination of emergency response activities will be conducted upon activation of the Tooele County Emergency Operations Center (EOC). Activation of the Tooele County EOP and EOC will be decided by the Tooele County Commissioners or their designee.
- B. If the Emergency Operation Center is activated, Tooele County Emergency Management staff will initiate a notification procedure that requests a pre-designated emergency management team and the ESF Coordinators to report to the Tooele County EOC.
- C. The ESF #11 Coordinators will maintain communication with field personnel, the EOC and the JIC.
- D. The ESF #11 Coordinator in the EOC will organize the ESF staff and support agencies based upon the five core functional areas described in the preceding and succeeding paragraphs and Table 1.
- E. ESF #11 organizes and coordinates the capabilities and resources of local, state and Federal Government to facilitate the delivery of services, technical assistance, expertise, and other support for incidents requiring a coordinated Federal response.
- F. Food supplies secured and delivered by ESF #11 will be suitable for either household distribution or mass feeding.
- G. Transportation and distribution of food and other supplies will be arranged by state, local and volunteer agencies.
- H. Actions will be coordinated with agencies responsible for mass care (see ESF # 6).
- I. ESF #11 will encourage the use of mass care facilities as the primary outlet for disaster relief supplies.
- J. Priority will be given to move critical supplies of food and water into areas of acute need.
- K. When trade has been restored, disaster food stamp program procedures may be implemented.
- L. The emergency may result in areas of damaged and destroyed infrastructure, homes, and buildings resulting in impassable transportation routes, widespread and prolonged power outages, and contaminated drinking water.
- M. Many evacuees may be lodged in shelters both within the disaster area and other shelters nearby.
- N. Normal food processing and food and water distribution systems may be disrupted.
- O. As a result of power outages, many commercial cold storage and freezer facilities within the impacted area may be inoperable. The county will ask the State to provide refrigerated trucks, if available.

- P. Schools and institutions may be pressed into service to feed affected populations for several days.
- Q. Damage projection models may be used to forecast damage consequences. Included in this information will be calculations to identify the number of people impacted. This ESF will use these calculations and projections to estimate food needs, quantities, and to project the duration of mass feeding activities.
- R. Large bulk shipments of purchased, solicited, or donated food supplies will be coordinated through ESF #11. Donations of non-perishable food items will be sorted for distribution.
- S. The Tooele County EOC may also activate local CERT Teams, the Tooele County Citizen Corps and Volunteers Active In Disaster to assist with mass care, medical care and the distribution of relief supplies.
- T. ESF #11 provides for an integrated Federal, State, tribal, and local response to an outbreak of a highly contagious or economically devastating animal/zoonotic disease, or an outbreak of a harmful or economically significant plant pest or disease deemed of Federal regulatory significance.

### III. CONCEPT OF OPERATIONS

#### A. General

ESF #11 will operate under existing Tooele County/state and US Department of Agriculture (USDA) regulations. ESF # 11 is responsible for the following:

1. Staff positions at the Tooele County EOC on a 24-hour basis as required. Notification will be made via an automated call down system. The ESF Coordinator or coordination Team Leader will notify all agencies to report to the county EOC or an appropriate field location.
2. Using damage projection models to calculate the number of affected people to assess the amount of food and water needed to meet the anticipated demand. Warehouse inventories will be tabulated and if additional food supplies are needed, ESF #11 will obtain and coordinate the transportation of such supplies to the disaster or staging areas. Additional information on the number of people in need of food and water will be obtained from the Assessment Teams, ESF #6 (Mass Care), which is responsible for sheltering and mass feeding.
3. Organize staff into the five functional areas described above and in Table 1
4. Provide disaster food and water supplies to designated disaster staging areas and mass feeding sites and authorize the issuance of disaster food stamps when appropriate.
5. Send staff into the disaster area to assess the effectiveness of the food distribution network and to address problems. Staff will coordinate with county officials and ESF #6 (Mass Care) field staff to ensure ample and timely deliveries of food, water and other supplies.
6. Coordinate with ESF #3 (Public Works), which is responsible for potable water. If needed, a federal representative from ESF #3 may be requested to join ESF #11 to help expedite and coordinate retrieving ample water.

7. Coordinate with all appropriate State and Federal ESF POCs to disseminate information and meet the resource demands of the emergency.

## **B. Preparedness**

1. Maintain an accurate roster of personnel assigned to perform ESF duties during disaster.
2. Identify and schedule disaster response training.
3. Develop and periodically update a list of food, water and ice vendors.
4. Identify natural and cultural resources and historic properties.

## **C. Response**

ESF #11 will perform the following actions if activated for an emergency, disaster or major catastrophe in the order listed below:

1. Determine the critical needs of the affected population in terms of numbers of people, their location and usable food preparation facilities for feeding and watering.
2. If required, assistance from ESF #11 at DEM may be requested.
3. Coordinate with ESF #s 1, 5, 6, and 14, to identify and locate available resources of food, water, transportation, equipment, storage and distribution facilities.
4. Evaluate the adequacy of available resources.
5. Coordinate with ESF #8 to ensure that food and water are fit for human consumption.
6. Coordinate with ESF #1 for shipment of food and other resources to staging areas.
7. Initiate direct market procurement of critical food supplies not available from existing inventories.
8. Work with ESF #12 to monitor power outages for estimated ice needs and quantities. Work with ESF #7 to obtain refrigerated trucks, when needed.
9. Monitor for water contamination in the disaster area.
10. Expedite requests for emergency issuance of food stamps after access to commercial food channels has been restored.
11. Establish logistical links with all organizations involved in mass feeding.
12. Coordinate with the Tooele County Sheriff (ESF #13) and ESF #9 for the capture and the safety and well being of household pets.
13. Coordinate with ESF #15 for the collection and dissemination of critical information regarding food and water safety and the care and safety of household pets and other domestic animals.
14. Work with ESF #14 to coordinate offers of donated supplies into the disaster mass care network.
15. Maintain communications with ESF #5, and other appropriate agencies.

## **D. Recovery**



1. Continue to monitor food, water and ice needs.
2. Assess special food and nutritional concerns of residents.
3. Monitor for the spread of contamination and infectious disease.
4. Establish logistical links with local, state and federal organizations involved in long term congregate care and disaster recovery.
5. Upon notification that power outages have been restored and roadways are open to commercial vehicles, determine if the emergency Food Stamp program can be activated.

#### **IV. RESPONSIBILITIES**

##### **A. ESF Coordinator/Primary Agency Tooele County Emergency Management**

1. In coordination with the Tooele County Policy Group, maintain direction and control of overall emergency.
2. Identify an ESF #11 Coordinator over all functional areas. The ESF #11 Coordinator in coordination with ESF #5 should name Team Leaders over the functional areas, as needed.
3. Establish an operational link between the Tooele County EOC and appropriate agencies.
4. Ensure coordination between ESF #11, at all levels, and local support and volunteer agencies.

## B. Support Agencies Responsibilities

Nutrition Assistance	<p>American Red Cross, Tooele County Health Dept.</p> <ul style="list-style-type: none"> <li>• Determine nutritional assistance needs</li> <li>• Obtain appropriate food supplies</li> <li>• Arrange transportation for food supplies</li> </ul>
Animal and Plant Disease and Pest Response	<p>Tooele County Health Dept., USU Extension</p> <ul style="list-style-type: none"> <li>• Implements an integrated response to an outbreak of an economically devastating or highly contagious animal/zoonotic disease or an outbreak of a harmful or economically significant plant or pest disease.</li> <li>• Coordinates veterinary and wildlife services in affected areas.</li> <li>• Coordinates with ESF #8 on animal/veterinary issues in disease situations and in other situations that develop during emergencies and natural disasters.</li> </ul> <p>Note: In response to a bio-hazardous event, the decontamination and/or destruction of animals and plants as well as associated facilities (e.g., barns, processing equipment, soil, and feeding and growing areas) may be required. Activities will be conducted within agency capabilities.</p>
Commercial Food Supply Safety and Security	<p>Tooele County Health Dept.</p> <ul style="list-style-type: none"> <li>• Performs inspection and verification of meat, poultry, and egg products on affected areas to ensure safe and wholesome products enter commerce.</li> <li>• Conducts foodborne disease surveillance.</li> <li>• Coordinates recall and tracing of adulterated products.</li> <li>• Coordinates disposal of contaminated food products.</li> <li>• Provides inspectors and laboratory services to affected areas.</li> </ul>
Safety and Well-Being of Household Pets	<p>Tooele County Emergency Management/Tooele County Sheriff/Tooele County Animal Control</p> <ul style="list-style-type: none"> <li>• Supports ESF #6, ESF #8, ESF #9, and ESF #14 to ensure an integrated response that provides for the safety and well-being of household pets during natural disasters and other emergency events resulting in mass displacement of civilian populations.</li> <li>• Provides technical support and subject-matter expertise regarding the safety and well-being of household pets.</li> <li>• Conducts critical needs assessments for household pets.</li> <li>• Expedites requests for resources to assist in evacuating and sheltering household pets.</li> </ul>
NCH Resource Protection	<p>Tooele County Engineering/Tooele County Roads</p> <ul style="list-style-type: none"> <li>• Coordinate with federal agencies to manage, monitor, and assist in or conduct response and recovery actions to minimize damage to NCH Resources.</li> <li>• Coordinate with ESF #3 for NCH Resource identification and vulnerability assessments.</li> <li>• Facilitate development and application of protective measures and strategies.</li> <li>• Assist in emergency compliance with relevant Federal environmental laws during</li> </ul>

	<p>emergency response activities, such as emergency permits/consultation for natural resources use or consumption.</p> <ul style="list-style-type: none"> <li>• Coordinate with ESFs #3 – Public Works and #10 – Hazardous Materials on the removal of debris affecting NCH Resources.</li> <li>• Coordinate with ESFs #3 – Public Works and Engineering to manage, monitor, or provide technical assistance on emergency stabilization (And during recover, restoration) of shorelines, riparian buffer zones, and hillsides to protect NCH resources.</li> <li>• Request federal assistance and expertise in addressing impacts to properties of traditional religious and cultural importance.</li> <li>• Requests federal assistance with up-to-date geospatial data related to impacted NCH resources, map making, resource response and recovery actions.</li> </ul>
TCEM	<ul style="list-style-type: none"> <li>• Provide and receive briefings on the status of ESF #11 activities.</li> <li>• Receive requests for assistance and forward them to appropriate State and Federal agencies.</li> <li>• Provide overall direction and control of EOC activities in coordination with other members of the TC Policy Group.</li> <li>• Work with State and volunteer agencies to develop a plan of operation that ensures timely distribution of food in good condition to the proper locations, once need has been determined.</li> </ul>
American Red Cross	<ul style="list-style-type: none"> <li>• Identify and assess the requirements for food on a two-phase basis: critical emergency needs immediately after the disaster and long-term sustained needs after the emergency phase is over.</li> <li>• Assist with food soliciting and the purchasing of food supplies.</li> <li>• Provide couriers to pick up order forms, menus, meal counts, and other support activities.</li> <li>• Assist with the distribution of bulk and household food supplies.</li> </ul>
Tooele County Health Department	<ul style="list-style-type: none"> <li>• Determine which foods are fit for human consumption and identify potential problems associated with contaminated foods.</li> <li>• Provide health education in the areas of food preparation and storage.</li> <li>• Provide laboratory and diagnostic support, subject-matter expertise, and technical assistance as well as field investigators to assist in product tracing, inspection and monitoring, and interdiction activities.</li> <li>• Provide human health related information, including surveillance for foodborne disease and occupational health and safety (OSHA) issues.</li> <li>• Address environmental public health, toxicology, bite/scratch injuries from animals, and zoonotic disease hazards; conduct veterinary/animal emergency needs assessments, respond to OSHA issues associated with animal response, and help implement rabies quarantines, if needed.</li> <li>• Provide assistance with animal health care, if necessary.</li> <li>• Ensure infant formula, food, and materials are delivered to and distributed at the</li> </ul>

	disaster scene, as appropriate.
Utah Dept. of Agriculture and Food	<ul style="list-style-type: none"> <li>• Determine which foods are fit for human consumption and identify potential problems associated with contaminated foods.</li> <li>• Assess the availability of food supplies and storage facilities capable of storing dry, chilled and frozen food.</li> <li>• Assess the availability of transportation equipment, material handling equipment and support personnel.</li> <li>• Contract for storage and transportation services with regional food bank warehouses and food bank associations statewide and to determine the availability of: <ul style="list-style-type: none"> <li>○ U. S. Dept. of Agriculture commodities;</li> <li>○ Donated foods;</li> <li>○ Storage facilities for dry, cold or frozen foods;</li> <li>○ Transportation equipment, material handling equipment and support personnel.</li> </ul> </li> <li>• Arrange for food delivery/distribution; and,</li> <li>• Assess damages to locally produced food supplies; and</li> <li>• Assess damages to locally produced food.</li> </ul>

**c. ALL TASKED AGENCIES**

1. Know the Tooele County EOP and your agency's responsibilities during disaster.
2. Each tasked organization is expected to provide its own logistical support ((food, water, emergency power, fuel, equipment/supplies replacement, etc.) during the initial phase (at least the first 24 hours) of response operations. Additional support should be obtained through the EOC, or the IC, as appropriate.
3. Maintain existing communication capability and follow established procedures for inter- and intra-agency and IC communications for daily and emergency field operations;
4. Plan and Schedule training and exercise.
5. Establish a procedure to identify damage to organizational resources and facilities and cost accounting of damages, for reporting to the EOC Finance Coordinators. Ensure that organizational staff members in the EOC have authority to commit resources and set policies, or know the appropriate procedures for doing so.
6. If appropriate, establish a protocol for interfacing with State/Federal responders and coordinating centers.
7. Activate a control center to support and facilitate the organization/department's response activities.
8. Ensure 24 hour staffing in the EOC and control center, when requested by the EMD;
9. Maintain communication with appropriate Branch or Section Chiefs;
10. Keep appropriate ESF Coordinators in the EOC and JFO informed of status of operations at all times;

11. Maintain daily staff and equipment usage records and expense reports and provide to the financial officer in the field and/or EOC as appropriate. Request forms if not readily available; and,
12. Clean, repair and perform maintenance on all equipment, as required for daily use, and before returning to normal operations or to storage.

## Salt Lake County EOP Example

## ***Emergency Support Function #11 – Animal Services, Agriculture and Natural Resources Annex***

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*ESF Coordinator: Carrie Hecht*

*Support Agencies:*

*\*See Below*

*Primary Agencies: Salt Lake County Animal Services*

*County Liaison: Cathy Bodily*

### **INTRODUCTION**

#### **Purpose**

Emergency Support Function (ESF) #11 – Animal Services, Agriculture and Natural Resources supports County, City, Nongovernmental organizations (NGOs), and the private sector to control and eradicate as appropriate, any outbreak of a highly contagious or economically devastating animal disease or zoonotic, or any outbreak of an economically devastating plant pest or disease; ensure the safety and security of the commercial food supply; protect natural and cultural resources and historic properties (NCH) resources; and provide for the safety and well-being of animals during an emergency response or evacuation situation.

#### **Scope**

Includes implementing a local response to an outbreak of a highly contagious or economically devastating animal disease or zoonotic disease. ESF #11 ensures, in coordination with ESF #8, that animal/veterinary issues in natural disasters are supported.

Supports ESF #6; ESF #8; ESF #9; and ESF #14 to ensure an integrated response that provides for the safety and well-being of household pets.

ESF #11 may be activated upon notification of a potential or actual incident that requires a coordinated County response and support to help ensure one or more of the following: appropriate response to an animal or plant disease or pest; the protection of natural and cultural resources and historic properties; and/or the safety and well-being animals.

#### **Policies**

- All agencies, both support and primary, operating within each ESF will act in accordance

with the Salt Lake County EOP, the emergency plans of each individual agency, and applicable State and Federal guidelines.

- SLCo Animal Services will coordinate and direct emergency response operations of ESF #11 and will coordinate the response of a multitude of agencies and organizations. It is impossible to list all of the policies that regulate the specific operations. Each support agency or organization in this ESF is responsible for developing policies specific to their respective emergency operations.
- Each support agency is responsible for managing its respective assets and resources after receiving direction from the primary agency.
- Animal and plant disease and pest responses are conducted in collaboration and cooperation with County authorities and private industries to ensure animal, plant, and environmental security.
- When addressing animal diseases, all animal depopulation activities are conducted as humanely as possible while stopping pathogen spread and limiting the number of animals that must be euthanized. Disposal methods for infected or potentially infected carcasses and plant host material are chosen for their effectiveness in stopping pathogen spread and for their minimal impact on the environment.
- Actions taken during an animal or plant emergency are guided by and coordinated with County and City emergency preparedness and response officials, Utah Department of Agriculture & Food, homeland security officials, and existing internal policies and procedures. In responding to an emergency that requires a coordinated response ESF #11 ensures coordination with agencies affiliated with appropriate ESFs and other annexes.
- Animal evacuation and sheltering should be conducted in conjunction with human evacuation and sheltering efforts. Animals should be sheltered near their owners to the extent possible. Owners should be expected to provide food, water, husbandry, and exercise for their pets during the time they are in emergency shelters.
- Businesses where animals are integral to operations (e.g., pet shops and veterinary hospitals) should be encouraged to have contingency plans in place for those animals in the event of a disaster or emergency.

### *Situation*

Emergency or disaster response will be led by the local jurisdictional authority until such time as the situation overwhelms the local jurisdictions capabilities and resources. Local jurisdictions may then call upon the Salt Lake County Emergency Management for assistance. In disaster or emergency situations when extensive county assistance must be delivered in support of local jurisdictions, the Salt Lake County Emergency Management will activate or place on standby all needed ESFs.



## *Planning Assumptions*

1. The protection of animals is ultimately the responsibility of their owner. Citizens will be encouraged to develop household emergency plans that would include their animals in all aspects of response including evacuation and sheltering.
2. Any zoological or wildlife parks, marine animal aquariums, laboratory animal research facilities, university veterinary medical and animal science centers, livestock auction/markets and large livestock operations, will be encouraged to develop emergency procedures and evacuation plans for the animals in their care and custody.
3. The extent of the operation may vary due to the severity of the disaster.
4. A major disaster may result in a substantial number of animals being in a life-threatening situation that may require immediate rescue and/or medical care.
5. Situations may require evacuation, relocation and care of animals to relieve suffering related but not limited to the effects of flooding, fire, earthquake, or a hazardous material.
6. Public health concerns regarding animals in disaster may include contamination of the food and water supply, limited food supply, animal bites and zoonotic disease transmission.
7. All local resources may be committed and additional help may be needed from other cities, and other jurisdictions within the State of Utah.

## *CONCEPT OF OPERATIONS*

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ESF 11 operates as part of the Operations Section under the Incident Command System. A primary agency coordinates the activities of the ESF with help from supporting agencies. Local jurisdictions within Salt Lake County will request assistance from the Salt Lake County Emergency Management, the Operations Section Chief will task ESFs with missions to respond to those requests and meet the needs the requests address. ESFs will coordinate with other ESFs, their local counterparts, private organizations and vendors to accomplish their missions. ESFs will properly document their activities and keep fiscal records for costs incurred while performing assigned tasks.

## *ORGANIZATION*

ESF #11 will organize under the leadership of the Salt Lake County Animal Services which will provide daily direction for all assigned missions. The Salt Lake County Animal Services, in coordination with SLCo Emergency Management, will develop an organizational structure for directing, planning, implementing, and monitoring the mission according to the ESF concept.

The supporting agencies are assigned to ESF #11 to assist Salt Lake County Animal Services after a disaster or emergency. Although the composition of the support agencies for ESF #11 will likely change as a result of the planning process and through experience, it is anticipated that these agencies will constitute the basis for providing assistance to local governments following a

major disaster or emergency.

Agency representatives will be knowledgeable of the Incident Command System (ICS), and the capabilities and resources of state and federal agencies.

### *Notification*

In the event of an emergency or disaster, SLCO Emergency Management will notify the ESF #11 Coordinator(s).

The ESF #11 Coordinator(s) will then notify appropriate support agencies as needed for response efforts.

### *ACTIONS*

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#### **Pre-incident**

Salt Lake County Animal Services and the Salt Lake County Emergency Management will develop emergency plans and procedures to guide the activities of ESF #11 and will work with the supporting agencies to develop their plans and procedures.

#### *Incident*

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Primary and support agencies meet regularly to ensure procedures and program/contact information are up to date, to discuss lessons identified from incidents and exercises, and to explore ways to leverage resources by creative use of Federal, State and County assistance

#### *Initial Response Actions*

- Assess the needs and numbers of affected animals.
- Coordinates and may perform animal rescue as needed.
- Open temporary animal shelters as needed.
- Coordinates measures to control wild animals.
- Coordinates measures to control exotic animals.
- Provide sheltering and feeding of animals as required.
- Open additional temporary shelters as needed.
- Make media appeals based on needs for donations, search for owners, and other needs as required.

*Continued Response Actions*

- Gathers information from appropriate departments, agencies and local governments to assess the impacts and needs.
- Convenes interagency meetings to develop an incident-specific County-wide action plan delineating specific agency participation to support specific community recovery and mitigation activities and to avoid duplication of assistance to recipients.
- Facilitates sharing of information among agencies and ESFs and coordinates early resolution of issues and the timely delivery of County assistance.
- Establish logistical links with organizations involved in animal disaster response.

*Post-Incident*

**Recovery Actions**

- Identify owners of lost, stray and homeless animals.
- Take measures in the disposal of carcasses.
- Coordinates with other ESF's to identify recovery needs and incorporate these into recovery strategies

*RESPONSIBILITIES*

**The Primary Agency:**

<b>General Responsibilities</b>
Assess the needs and numbers of affected animals.
Coordinates and may perform animal rescue as needed.
Open temporary animal shelters for stray lost and homeless pets as needed
Provide sheltering and feeding of animals as needed
Open additional temporary animal shelters as needed

<b>General Responsibilities</b>
Make media appeals based on needs for donations
Search for animal owners and other needs as required.
Respond to calls for service
Provide consistent, reliable, and professional solutions for animal related problems which encourage responsible attitudes and allow people and animals to co- exist in a safer environment

<b>Specific Responsibilities</b>
Coordinate alternate housing for sheltered animals
Coordinate alternate housing for small and large livestock
Coordinate alternate housing for exotic animals
May provide appropriate food and water for sheltered animals
Provide the opportunity for microchip implantation in all sheltered animals
Update Data Base and or records with details of all services performed on behalf of the animal.
Coordinate exercise for sheltered animals
May provide for Vaccinations of all sheltered animals
May provide for medical needs of all sheltered animals
May provide for Euthanasia of animals that meet the jurisdictional criteria
Process potential rabies suspects according to current Rabies Compendium Guidelines
Provide for sanitizing of all equipment and resources involved with animal transport and housing.
Attempt to identify all animals that are brought to the shelter and contact owners
Receive animals that meet the jurisdictional criteria that are brought to the shelter and update or create a data base record
During the recovery process identify animals suitable for adoption
Identify animals suitable for a rescue facility
Identify animals suitable for foster
Receive calls for Animal Services assistance
Investigate incidents
Impound animals as needed
Transport animals to shelter(s) as needed
Prepare reports as needed
Coordinate animal rescue as required
Coordinate measures to control wild and exotic animals
Coordinate measures in the disposal of carcasses

## SUPPORT AGENCIES

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<b>Support Agencies ESF Association</b>			
	<b>ESF</b>	<b>ESF</b>	<b>ESF</b>
American Red Cross	<b>6</b>		
Animal Control Agencies (Other)	<b>11</b>		

<b>Support Agencies ESF Association</b>			
	<b>ESF</b>	<b>ESF</b>	<b>ESF</b>
Animal Welfare Organizations (Other)	<b>11</b>		
Code 3 Associates	<b>11</b>		
EOC	<b>2</b>		
Fire Departments	<b>4</b>	<b>9</b>	<b>10</b>
Kennels-Private Boarding	<b>6</b>		
Law Enforcement	<b>9</b>	<b>13</b>	
Faith Based Organizations	<b>6</b>		
Salt Lake Valley Health Department	<b>8</b>		
School Districts	<b>6</b>		
SLCO Contracts & Procurement	<b>7</b>		
SLCO Emergency Services	<b>5</b>		
SLCO Facilities & Maintenance	<b>7</b>	<b>12</b>	
SLCO Fleet	<b>12</b>		
SLCO Information Services	<b>2</b>		
SLCO Parks and Recreation	<b>7</b>		
SLCO Planning & Development	<b>7</b>		
SLCO Public Works	<b>3</b>		
SLCO Sanitation Department	<b>8</b>		
SLCO Sheriff Protective Services	<b>13</b>		
UPD Dispatch	<b>2</b>		
USDA-Animal & Plant Health Inspection Service (APHIS)	<b>11</b>		
Utah Department of Agriculture & Food	<b>11</b>		
Utah Division of Wildlife Resources	<b>11</b>		
Utah Emergency Animal Response Coalition (UEARC)	<b>11</b>		
Utah Task Force 1 {USAR}	<b>9</b>	<b>10</b>	
Utah Veterinary Medical Association (UVMA)	<b>11</b>		
Utah Voluntary Organizations Active In Disaster (UVOAD)	<b>6</b>	<b>7</b>	
Utah's Hogle Zoo	<b>11</b>		
Veterinary Hospitals	<b>11</b>		

<b>Support Agency</b>	<b>Specific Responsibilities</b>
American Red Cross (NGO)	Coordinate food and shelter for people with or without pets
Animal Control Agencies (Other)	Provide officers, equipment, shelter space
Animal Welfare Organizations (Other) (NGO)	Provide shelter space, personnel, equipment & animal care as needed May provide trained personnel (staff or volunteers) and equipment to assist in the protection of pets during an emergency, working in cooperation with local Animal Services.
Code 3 Associates (NGO)	May provide trained disaster animal response team(s) and equipment

<b>Support Agency</b>	<b>Specific Responsibilities</b>
EOC	Coordinate resource requests
Fire Departments	Fire, hazmat, search & rescue May assist in Animal HAZMAT decontamination May coordinate animal search and rescue operations.
Kennels-Private Boarding	Shelter for animals Provide shelter and supplies to care for displaced domesticated pets in accordance with MOU/A's.
Law Enforcement	Evacuation notifications, search and rescue, perimeter control May coordinate animal search and rescue operations. Assist in enforcing pet quarantines, and the control of access to incident and/or shelter sites.
Faith Based Groups (NGO)	Coordinate food and shelter for people with or without pets
Pet Rescue Groups (NGO)	May provide trained volunteers and equipment to assist in the rescue and sheltering of pets during an emergency
Salt Lake Valley Health Department	Public health, disease control, dead animal disposal recommendations mitigate zoonotic disease outbreaks
School Districts	animal and POD's

SLCO Emergency Management	Works to coordinate an efficient and effective use of resources from Salt Lake County throughout the phases of emergency management.
SLCO Emergency Services	Establish, coordinate, and maintain County-wide emergency management activities and intergovernmental and volunteer partnerships. Collect and disseminate critical information. Provide liaisons for ESF's.
SLCO Facilities & Maintenance	Alternate location setup
SLCO Fleet	Vehicles and fuel
SLCO Information Services	Computer, telephone, network
SLCO Parks and Recreation	Provide alternate shelter locations
SLCO Planning & Development	Provide personnel and equipment
SLCO Public Works	Provide personnel and equipment
SLCO Sanitation Department	Provide personnel and equipment
SLCO Sheriff Protective Services	Security at alternate shelter locations.

Support Agency	Specific Responsibilities
	Assist in the control of access to incident and/or shelter sites.
Communications	dispatch communication with first responders
USDA-Animal & Plant Health Inspection Service (APHIS)	Provide leadership on food, agriculture,
Federal Task Force (USAR) (NGO)	Supports the mission objectives of the local animal agency. Is encouraged to incorporate technical Animal Search and Rescue (ASAR) Teams (credentialed specialists) when available. Rescue of pets is a secondary priority to rescue of citizens, but is authorized where it does not endanger the primary mission. Service animals MUST be rescued with their person
Utah Veterinary Medical Association (UVMA)	Provide Veterinarian contact information as needed Provide leadership on medical care and sheltering of animals
Utah Department of Agriculture & Food	Provide leadership on food and agriculture. Provide personnel and equipment. Responsible for enforcement of Utah regulations concerning animal health and the interstate movement of animals affected by those regulations should such become necessary in response to an emergency.
Utah Dept of Natural Resources: <ul style="list-style-type: none"> <li>○ Division of Wildlife Resources (DWR)</li> <li>○ Division of Forestry, Fire &amp; State Lands</li> <li>○ Division of Parks &amp; Recreation</li> <li>○ Division of Oil, Gas &amp; Mining</li> <li>○ Division of Water Resources</li> <li>○ Division of Water Rights</li> <li>○ Division of Geological Survey</li> </ul>	Protect natural and cultural resources and historic properties (NCH) resources. Provide leadership on natural resources Responsible to respond to wildlife calls. Provide officers and equipment.
Utah Emergency Animal Response Coalition (UEARC) (NGO)	Provide personnel, equipment, and portable shelters. May provide trained volunteers and equipment to assist in the rescue and sheltering of animals during an emergency
(UVOAD) (NGO)	Share knowledge and resources throughout the disaster/emergency cycle



<b>Support Agency</b>	<b>Specific Responsibilities</b>
	to help survivors and the communities.
Utah's Hogle Zoo (NGO)	Provide professional medical care to zoo animals under their care. May provide equipment and trained personnel to assist in managing other animals. May provide shelter to other animals as authorized by Zoo management.
Institutional Animals (theme parks, zoos, research labs, pet stores, private animal shelters ).	Each institutional facility is responsible for developing emergency plans, whether the facility is a zoo or a sheltering facility. Evacuation should be coordinated through local EMAs and the EOC during activation. Transportation agencies may be requested to assist with some of the evacuations, but requests will come through the EOC.
Veterinary Hospitals (NGO)	Provide medical care and shelter for animals. May assist in providing information and direction with regard to the general health of pets within their area of expertise. Provide planning assistance with identifying needs of animals in shelter situations. Provide medical care within their area of expertise in accordance with memorandums of understanding (MOU)/mutual aid agreements (MAA) (hereafter abbreviated, when listed concurrently, as MOU/A).
Utah Veterinary Medical Association	May provide contact information on local veterinarians. Encourage their involvement in planning for and responding to local animal emergencies and disasters.

**REFERENCES**

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Agency Emergency Operations Manuals