

# 11

## **ESF 11 – Agriculture and Natural Resources**

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# ESF 11 – Agriculture and Natural Resources

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ESF 11 Tasked Agencies	
<b>Primary Agencies</b>	Klamath County Emergency Management Agency
<b>Supporting Agencies</b>	Klamath Basin Research & Extension Center (KBREC) Klamath Soil and Water Conservation District Klamath County Health Department
<b>Adjunct Agencies</b>	<i>Available through request to Oregon Emergency Response System (OERS)</i> Oregon State Brand Inspector Oregon Department of Agriculture, State Veterinarian’s Office Oregon Department of Agriculture, Veterinary Emergency Response Teams Oregon Department of Fish and Wildlife Oregon Department of Human Services, Department of Health Services Oregon Department of Environmental Quality Oregon State Police Oregon Department of Parks and Recreation U.S. Department of Agriculture, Area Veterinarian In-Charge

## 1 Purpose and Scope

Emergency Support Function (ESF) 11 provides information regarding coordinating the protection of agriculture and natural resources in Klamath County in the event of an emergency. Services addressed by this ESF include:

- Protection of the local agricultural food supply.
- Response to animal and plant diseases and pests that can potentially affect animal and plant health or pose significant risk to the local economy.
- Sheltering, care, and/or evacuation of animals.
- Protection of natural and cultural resources and historic properties.
- This ESF overlaps with ESF’s 6 and 13 in addressing some aspects of care and assistance for household pets and service animals (ESF 6, Mass Care, Emergency Assistance, Housing, and Human Services, addresses care for household pets and service animals primarily associated with moving persons to shelters; and ESF 13, Public Safety and Security, addresses evacuation of persons and, by extension, some of the impacts for their pets and service animals). The Klamath County Response Plan for Animals in Disaster also provides direction for addressing animals during emergency situations.

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## 2 Policies and Agreements

The ODA, in accordance with Oregon State law, specifically ORS, Chapter 596 (Disease Control Generally) and OAR 603 Division 11 has the authority to:

- Declare an animal health emergency;
- Impose restrictions on importations of animals, articles, and means of conveyance;
- Quarantine animals, herds, parts of the state, and the entire state, and create quarantine areas;
- Stop the movement of animals;
- Require the destruction of animals, animal products, and materials;
- Specify the method for destruction and disposal of animals, products, and materials;
- Indemnify owners for animals destroyed; and
- Employ deputy state veterinarians and livestock inspectors.

Farm Service Agency programs are administered through the U.S. Department of Agriculture (USDA) and are subsequently activated by the U.S. Secretary of Agriculture in support of a natural hazard event, such as drought. These include the following.

- Noninsured Assistance Program,
- Emergency Conservation Program,
- Emergency CRP Haying and Grazing Assistance, and
- Emergency Loans.

Not all Farm Service Agency programs require a disaster declaration prior to activation.

The Farm Service Agency has local offices throughout the state that are often co-located with the Natural Resources Conservation Service and/or the local soil and water conservation district office. More information about programs administered by the Farm Service Agency can be accessed via the following website:

<http://disaster.fsa.usda.gov/fsa.asp>

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### 3 Situation and Assumptions

#### 3.1 Situation

In the event of a disaster, local resources will be called upon to provide an adequate and healthy supply of food and water, meet nutrition needs of the populace, and care for pets, service animals and livestock. In addition, protection of natural resources is vital for long-term recovery.

#### 3.2 Assumptions

- The owners of pets and livestock, when notified of an impending emergency, will take reasonable steps to shelter and protect their animals.

### 4 Roles and Responsibilities

The roles and responsibilities for each department in support of emergency services will vary depending on the type of resource, the length of the warning period, and the duration of the incident.

#### 4.1 Tasks by Phase of Emergency Management

##### 4.1.1 Mitigation

- Provide surveillance for a foreign animal disease or an animal borne poison or toxin that may pose a threat to the animal industries, the economy or public health.
- Provide for surveillance of plant pests of unknown or questionable origin that may pose a potential threat to agriculture, horticulture, the economy or public health.

##### 4.1.2 Preparedness

- Develop standard operating guides and checklists to support ESF 11 activities.
- Identify pet boarding facilities and private organizations that may provide emergency shelters for animals.
- Identify sources to augment emergency food and water supplies.
- Identify local agribusiness operators with equipment and personnel to assist with animal stop movement and quarantine activities.
- Develop mutual aid agreements with government agencies,, professional associations and private agencies and organizations with personnel and equipment to support ESF #11 activities.

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- Conduct and participate in training to support the implementation of ESF 11.
- Develop and/or review procedures for crisis augmentation of personnel.
- Participate in and/or conduct drills and exercises.

**4.1.3 Response**

- Support the disaster response and recovery with all available resources.
- Provide assistance to established pet shelters.
- Restrict movement, detain or move animals, equipment, products and personnel as necessary to control and eradicate animal or plant disease.
- Manage and direct evacuation of animals from risk areas and provide technical assistance to prevent animal injury and the spread of disease.
- Provide and/or receive appropriate mutual aid.
- Secure supplies, equipment, personnel and technical assistance from support agencies, organizations and other resources to carry out the response plans associated with animal health or any act of agro terrorism.

**4.1.4 Recovery**

- Continue to support disaster operations as needed.
- Restore equipment and restock supplies to normal state of readiness.
- Participate in after action reports and meetings.
- Make changes to plans and procedures based on lessons learned.
- As permitted by the situation, return operations to normal.

**5 Concept of Operations****5.1 Overview**

- Klamath County Emergency Management Agency and County departments and organizations will coordinate and/or provide the agriculture and natural resources services they are equipped to and then coordinate with other emergency response partners, especially ODA and USDA, for emergencies that affect the local agricultural food supply, animal and plant health, and the well-being of animals in

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the county. If the provided services still are not adequate, the county can declare a state of emergency in accordance with the declaration requirements in the EOP Basic Plan.

- If the county ICS and/or EOC is activated, agriculture and natural resources services will be coordinated through the IC and/or EOC under the Incident Command System.
- Each supporting agency and organization will perform their duties in accordance with their own EOPs, plans, and procedures.

**5.2 Agricultural Food Supply**

- Klamath County Emergency Management Agency will coordinate with its emergency response partners regarding the safety and viability of locally grown food (including items grown in private gardens) potentially affected by an emergency event (such as drought, flooding, a terrorist act involving hazardous or radioactive materials, etc.). This will entail coordinating with ODA, USDA, the county Public Health Departments, and others regarding the safety of the local food supply and, for a national emergency, the safety of the national food supply, in order to inform and protect persons in the county.

**5.3 Animal and Plant Diseases and Health**

- Domestic animals, wild animals, plants, and the timber industry could be vulnerable to the spread of animal or plant diseases related to an emergency. The Klamath County Public Health Department has some procedures and policies specific to managing disease control and the health of certain animals and plants affected by an emergency, which are referenced in ESF 8 – Public Health and Medical Services. Important elements to consider include the identification and control of animal and plant diseases associated with or exacerbated by an emergency; isolation or quarantine of animals; and the disposition of animals killed by the emergency or required to be destroyed as a result of the emergency.
- Klamath County Emergency Management Agency and the Klamath County Public Health Department will coordinate with emergency response partners for related information and services. The Klamath County Public Health Department, with support from the Oregon Department of Human Services, Public Health Division, will be the principal point of contact for an outbreak of a highly infectious/contagious animal or zoonotic (capable of being transmitted from animals to people) disease posing potential impacts to human health (also see ESF 8, Public Health and Medical Services).

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- ODA in particular has broad expertise with animal and plant diseases and health, including the authority to:
  - Declare an animal health emergency.
  - Impose restrictions on importations of animals, articles, and means of conveyance.
  - Quarantine animals, herds, parts of the state, and the entire state and create quarantine areas.
  - Stop the movement of animals.
  - Require the destruction of animals, animal products, and materials.
  - Animal quarantine measures will be implemented through county Public Health Departments and do not require a court order.

**5.4 Care and Assistance for Animals**

- The County recognizes that care and concern for domestic animals might delay and affect emergency actions necessary for the well-being of humans.
- Persons in the county have the primary responsibility for the health and welfare of their livestock, household pets, and other domestic animals and will be encouraged to provide for their care in an emergency to the extent possible. This is best handled by public information campaigns as part of emergency preparedness.
- Responding to animals during emergency situations is addressed in the Klamath County Response Plan for Animals in Disaster.

**5.5 Natural and Cultural Resources and Historic Properties**

- Local soil and water conservation districts and other state and federal organizations will take the lead for assessing threats to natural resources from an emergency, including water quality, air quality, forest land, fishing, wildlife, soil quality, and others. The County will coordinate with the State Historic Preservation Office and others regarding impacts to cultural resources and historic properties owned or managed by the county.
- Important emergency response entities will include county and state Forestry Departments, local soil and water conservation districts, Oregon DEQ, Oregon Department of Fish and Wildlife, and tribal organizations.

**ESF 11. Agriculture and Natural Resources****6 Direction and Control**

Command and control will be exercised as provided in the Basic Plan of the Klamath County Emergency Operations Plan.

**7 Continuity of Government**

Lines of succession to each department head are according to the standard operating procedures established by each department.

**8 Administration and Support**

Every agency providing support will maintain records of the operations, including cost records that can be used after the emergency to obtain reimbursement from state or federal sources.

**9 ESF Development and Maintenance**

- The Emergency Manager is responsible for maintaining this annex.
- Each agency will develop SOPs that address assigned tasks.

**10 Supporting Plans and Procedures**

The following plans and procedures are currently in place:

- Klamath County Emergency Operations Plan
  - ESF 6 – Mass Care, Emergency Assistance, Housing and Human Services
  - ESF 8 – Public Health and Medical Services
- Klamath County Response Plan for Animals in Disaster, September 2008
- State of Oregon Emergency Operations Plan, ESF 11 – Agriculture and Natural Resources
- National Response Framework, ESF 11 – Agriculture and Natural Resources

**11 Appendices**

None at this time.

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