ESF 11 – Agriculture and Natural Resources
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ESF 11 Tasked Agencies

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1 **Purpose**

Support State, local and tribal authorities’ efforts to address control and eradication of an outbreak of a highly contagious or economically devastating animal/zoonotic disease, highly infective exotic plant disease, or economically devastating plant pest infestation; and, assurance of food safety and food security prior to, during, and/or after a major disaster.

2 **Scope**

- Includes animal, plant disease, and pest response including implementing state, local and tribal response to an outbreak of a highly contagious or economically devastating animal/zoonotic disease, an outbreak of a highly infective exotic plant disease, or an economically devastating plant infestation.

- Ensures, in coordination with State ESF 8 that animal/veterinary/wildlife issues in natural disasters are supported.

- Assures the safety and security of the commercial food supply, including the inspection and verification of food safety aspects of slaughter and processing plants products in distribution and retail sites, laboratory analysis of food samples, control of products suspected to be adulterated, plant closures, and field investigation.

The Disaster Food Stamp Program, which is included in ESF 11 in the National Response Framework, is instead covered in ESF 6 of the State EOP.

3 **Roles and Responsibilities**

3.1 **Primary Agency**

3.3.1 **Oregon Department of Agriculture**

During an emergency, the ODA advises the Governor on matters pertaining to the safety and conservation of agricultural resources. The mission of the ODA is 1) to ensure food safety and provide consumer protection; 2) to protect the natural
resource base for present and future generations of farmers and ranchers, and 3) to promote economic development and expand market opportunities for Oregon agricultural products.

- The **Animal Health and Identification Division** provides veterinarian services to control and eradicate animal diseases, especially those transmissible to humans, livestock and birds. Provides guidance and assistance to local jurisdictions for response to disasters that involve domestic animals.

- The **Food Safety Division’s** team of field inspectors and staff license and inspect all facets of the food processing and distribution system, except restaurants, to ensure that food is safe for distribution and consumption. This includes shellfish harvesting, dairy, retail grocers, bakeries, non-alcoholic beverages, custom meat, eggs, warehouses and food manufacturing. ODA coordinates with the State Health Officer on milk and other food products in commerce in response to nuclear incidents and works closely with the Oregon PHD in response to all food emergencies.

- **Laboratory** facilities provides analysis for food and dairy samples, animal diseases, animal feeds, shellfish, fertilizer, water, plant pest and disease, pesticides, and market assurance analysis. Analyses are also provided for the Food Emergency Response Network (FERN).

- The **Natural Resources Division’s** mission is to conserve, protect, and develop natural resources on public and private lands. Primary program areas include: water quality, confined animal feeding operations, smoke management, land use, and Soil and Water Conservation Districts.

- The **Pesticides Division** regulates the sale and use of pesticides, provides testing and licensing for all users of restricted-use pesticides, is responsible for fertilizer registration, and investigates incidents of pesticide misuse. It’s Pesticide Analytical and Response Center (PARC) functions as a clearinghouse for information on alleged and actual health and environmental incidents and reports its findings. ODA investigates these incidents and reports its findings.

- The **Plant Division** works to exclude, detect, and control or eradicate serious insect pests and plant diseases.

### 3.2 Supporting Agencies

#### 3.2.1 Occupational Safety and Health Division

- Operate a nationally certified occupational health laboratory in Portland. This well-equipped lab analyzes samples collected by
compliance officers and consultants to determine chemical compositions and concentrations of hazardous substances to which workers may be exposed.

3.2.2 Oregon Health Authority

- Determine which foods are fit for human consumption and identify potential problems associated with contaminated foods.
- Provide for laboratory and diagnostic support, subject matter expertise and technical assistance to assist in product tracing, inspection and monitoring
- Assist in surveillance for foodborne disease and occupational safety and health issues.
- Lead state agency for all radiation emergencies except for those delegated to DOE, and all human disease-related emergencies and drinking water emergencies, restaurants and congregate feeding food safety.

The OHA programs involved in emergency preparedness and response are:

Health Security Preparedness & Response Program (HSPRP) improves public health preparedness capacity by ensuring coordination among tribes, local, regional, State and Federal agencies and private health care partners before, during and after emergency events where the public’s health is an issue.

The Health Security & Response Program Planning and Evaluation section manages the training of public health, hospital, and other relevant partners in various aspects of preventing and responding to public health emergencies. It also manages the emergency exercise program for public health response.

Epidemiology and Surveillance Program is responsible for the identification, investigation, and prevention of diseases caused by infectious agents. This program conducts disease surveillance; collects and analyzes surveillance data; publishes public health recommendations; develops disease prevention, preparedness and response guidelines; and investigates and helps control disease outbreaks.

Acute and Communicable Disease Prevention Program provides epidemiologic and clinical expertise and guidance to the Incident Commander and develops guidance on disease related risks.

Public Health Laboratory serves as a level 3 bio-safety facility for biological clinical and unknown environmental sample testing (human chemical testing is provided by stat public health labs in Alaska, Washington and Idaho).

- Provides biological confirmatory testing, and chemical specimen collection and specimen referral guidance to Oregon Sentinel Laboratory Response Network (LRN) laboratories;
Local health departments and the health care community (on submission of samples remove this in brackets) during an event;

- Works cooperatively with CDC;
- Manages the Oregon Laboratory Response Network that supports environmental and human testing of unknown biological and chemical threat agents;
- Provides confirmatory laboratory testing on human clinical specimens; and
- On implementation, OSPHL’s Laboratory Information Management System (LIMS) allows:
  - Client health departments, laboratories and providers to submit laboratory requests directly;
  - Communications with clients through a dedicated messaging system;
  - Health officials to streamline the access and correlation of laboratory data throughout the state for outbreak investigation; and
  - Phase 2 (spring of 2012) will allow laboratory results to be directly input into Electronic Medical Record (EMR) systems.

**Emergency Medical Services (EMS) Section** develops situational awareness of EMS resources; communicates with EMS providers; and coordinates realignment of EMS resources during a surge event. They coordinate statewide trauma system planning, ambulance service area planning, and develops standards for ambulance personnel and emergency medical technicians.

**Office of Environmental Public Health (OEPH)** assures statewide control of environmental hazards through drinking water protection, radiation protection, environmental toxicology and epidemiology programs and regulation of food, pool and lodging facilities.

- **Drinking Water Program** administers and enforces drinking water quality standards for public water systems. It provides guidance on prevention of and response to water system contamination.
- **Radiation Protective Service** provides radiation monitoring expertise and is the state’s primary radiological response organization. It also provides radiation monitoring training to local government emergency response agencies.
- **Environmental Toxicology Section** protects the health and safety of the public from environmental hazards.

### 3.2.3 Oregon Military Department

- Provide support assistance as appropriate.
3.2.4 Oregon Department of Fish and Wildlife
- Serve as the point of contact for any zoonotic diseases involving wildlife.
- Assist in responding to a highly contagious/zoonotic disease, biohazard event, or other emergency involving wildlife.

3.2.5 Department of State Lands
- Coordinate with the Department of Agriculture regarding those activities relevant to DSL’s responsibilities (access, special permits, et cetera).
- Provide assistance, as necessary, for events that affect areas of habitat conservation, estuaries, wetlands, timber and Oregon’s other natural resources.

3.3 Adjunct Agency
3.3.1 American Red Cross
- Upon request, assist in establishing, coordinating, and managing the states sheltering missions to include supporting medical and mental health needs.
- Provides emergency first aid, consisting of basic first aid and referral to appropriate medical personnel and facilities, supportive counseling, and health care for minor illnesses and injuries to incident victims in mass care shelters, the JFO, selected incident cleanup areas, and other sites deemed necessary by the primary agency.
- Provides supportive counseling for family members of the dead, for the injured, and for others affected by the incident.
- Acquaints families with available health resources and services, and makes appropriate referrals.
- Refers all concerns regarding animal health care, safety, or welfare to American Veterinary Medical Association contact(s) in the disaster area. These contact people are veterinarians affiliated with national, State, county, or local veterinary associations.
- Support emergency medical needs on site.
4  Concept of Operations

4.1  General
OEM will coordinate all requests for assistance and communicate with the state agencies to identify the appropriate action and state resources to be used. Once Agriculture and Natural Resources assets have been identified to meet the request, OEM will assign an action to the specific State agencies to accomplish the task.

The ODA responds to requests for assistance by providing aid to those affected jurisdictions who have reported highly contagious or economically devastating animal or zoonotic disease, or any known outbreak of economically devastating plant pest or disease. During ECC activation or State emergency declaration ODA, in coordination with the State ECC, deploy personnel and supplies appropriate to any situation where the above referenced issues require assistance.

5  Supporting Documents

- National Response Framework, ESF 11 – Agriculture and Natural Resources
- County and State Agency ESF 11 Annexes
- State of Oregon Cascadia Subduction Zone Catastrophic Earthquake and Tsunami Operations Plan
- State of Oregon Animals in Disaster Plan
- Animal Health and Identification Division
  - Avian Influenza Surveillance and Response Plan (November 2006)
  - Animal Disaster Response Plan (March 2007)
  - Oregon Animal Disease Emergency Management Plan (June 2007)
- Food Safety Division
  - Food Emergency Response Plan (Draft)
  - Food Emergency Response Network (FERN)
- Plant Division
  - Plant Division Emergency Response Plan (August 2006)
  - MOU ODA/USDA – Provide Cooperation to Protect Agricultural, Horticultural, Timber and Natural Plant
Resources from Losses Caused by Plant Pests or Noxious Weeds

- Oregon Department of Agriculture

6 Appendices

None at this time.
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