

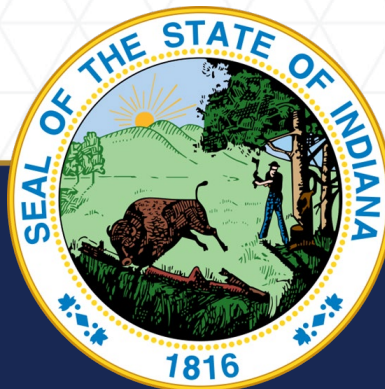
# EMERGENCY SUPPORT FUNCTION (ESF) #11 ANNEX – AGRICULTURE AND NATURAL RESOURCES

State of Indiana

Emergency Operations Plan (EOP)

ESF Annex

March 2025



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## PLANNING AGENCIES

Within each Emergency Support Function (ESF) annex, an agency or organization has been given the designation of primary, supporting, non-governmental or local agency based on their authorities, resources and capabilities. The primary agency identifies the appropriate support agencies that fall under this annex. The primary agency collaborates with each entity to determine whether they have the necessary resources, information and capabilities to perform the required tasks and activities within each phase of emergency management. This includes activations in the State Emergency Operations Center (SEOC) and impacted areas. Though an agency may be listed as a primary agency, it does not control or manage those agencies identified as supporting agencies. The agencies listed below are members of the Whole Community Planning Team for this annex.

### PRIMARY AGENCY

Indiana State Board of Animal Health (BOAH)

### SUPPORTING STATE AGENCIES

Indiana State Department of Agriculture (ISDA)	Indiana Department of Health (IDOH)
Family and Social Services Administration (FSSA)	Indiana Office of Community & Rural Affairs (OCRA)
Indiana Department of Insurance (IDOI)	Indiana State Police (ISP)
Indiana Department of Homeland Security (IDHS) – Emergency Medical Services (EMS)	Indiana Department of Environmental Management (IDEM)
Indiana Economic Development Corporation (IEDC)	Indiana Utility Regulatory Commission (IURC)
Indiana Department of Natural Resources (DNR)	Indiana Department of Labor (IDOL)
Indiana Department of Transportation (INDOT)	Office of Indiana State Chemist (OISC)
Indiana National Guard (INNG)	Indiana Department of Administration (IDOA)
Indiana State Budget Agency (SBA)	Indiana Geological & Water Survey (IGWS)

### SUPPORTING FEDERAL AGENCIES

United States Department of Agriculture (USDA)	Federal Emergency Management Agency (FEMA)
United States Department of Interior (DOI)	

## NON-GOVERNMENTAL ORGANIZATIONS

Indiana Voluntary Organizations Active in Disasters (INVOAD)	American Red Cross of Indiana (ARC)
Indiana Veterinary Medical Association (INVMA)	Purdue Animal Disease Diagnostic Laboratory
Purdue Extension Network	Purdue Plant & Pest Diagnostic Laboratory
Indiana Farm Bureau	Animal Commodity Groups

## LOCAL ORGANIZATIONS

County Emergency Management Agencies	Local Elected Officials
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## PURPOSE, SCOPE, SITUATION AND ASSUMPTIONS

### PURPOSE

The purpose of Emergency Support Function #11 (ESF-11) – Agriculture and Natural Resources is to provide the resources and personnel to meet the overall agricultural and natural resource-related needs of the state before, during and after emergency or disaster events. Such events may significantly impact the ability of state and local jurisdictions to effectively ensure the safety and security of the commercial food supply and provide for the safety and well-being of companion animals and livestock during an emergency response or evacuation situation. ESF-11 also coordinates the control and eradication of any highly contagious or economically devastating outbreak of an animal/zoonotic, plant or pest disease.

### SCOPE

The state of Indiana and the State Emergency Operations Center (SEOC) recognize fifteen (15) Emergency Support Functions (ESF). This annex focuses on ESF-11, Agriculture and Natural Resources. The ESF-11 Annex is intended to be utilized in conjunction with the state of Indiana Emergency Operations Plan (EOP).

ESF-11 acts to meet five (5) primary functional needs of local, state, tribal and federal government agencies; non-governmental organizations; other private sector partners; and individuals.

These primary functions include:

- **Providing Nutrition Assistance:** Includes working with state and federal agencies to determine nutrition assistance needs, obtain appropriate food supplies and arrange for delivery of the supplies. These efforts are coordinated by the state of Indiana and the U.S. Department of Agriculture (USDA) Food and Nutrition Service (FNS).
- **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 USDA's Animal and Plant Health Inspection Service (APHIS).
- **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 slaughter and processing plants, products in distribution and retail sites and imported facilities at ports of entry; laboratory analysis of food samples; control of products suspected to be adulterated; plant closures; foodborne disease surveillance; and field investigations. These efforts are coordinated by USDA's Food Safety and Inspection Service (FSIS).
- **Protecting NCH Resources:** Includes appropriate response actions to preserve, conserve, rehabilitate, recover and restore natural and cultural resources and historic properties (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 Department of Interior (DOI).

- **Providing for the Safety and Well-Being of Household Pets:** Supports the Department of Homeland Security (DHS)/Federal Emergency Management Agency (FEMA) together with ESF-6, Mass Care, Emergency Assistance, Housing and Human Services; ESF-8, Public Health and Medical Services; ESF-9, Search and Rescue; and long-term community recovery to ensure an integrated response that provides for the safety and well-being of household pets.

## SITUATION

ESF-11 may be needed in any of the five (5) phases of emergency management (prevention, protection, mitigation, response and recovery). In the event IDHS determines the need for ESF-11 regarding any of the five (5) phases of emergency management, the Indiana State Board of Animal Health (BOAH) will act as the primary agency. ESF-11 will be responsible for implementing internal Standard Operating Procedures (SOPs) and/or Standard Operating Guides (SOGs) and protocols to ensure adequate staffing and administrative support for field operations, as appropriate and the support of efforts in the SEOC. ESF-11 personnel will coordinate the activation and deployment of food, agriculture and natural resources to fulfill specific mission assignments that support essential activities in prevention, protection, mitigation, response and recovery efforts.

## Mission Areas and Core Capabilities

The National Preparedness Goal (NPG) identifies 32 core capabilities that are essential for the execution of the five (5) mission areas of prevention, protection, mitigation, response and recovery. ESF-11 supports the overarching core capabilities of Planning, Operational Coordination and Public Information and Warning, which apply to all mission areas. ESF-11 also supports the core capabilities of Infrastructure Systems, Critical Transportation, Environmental Response/Health and Safety, Logistics and Supply Chain Management, Mass Care Services, Public Health, Healthcare and Emergency Services. Table 1 describes the core capability actions that ESF-11 most directly supports.

Table 1. ESF-11 CORE CAPABILITY ACTIONS

CORE CAPABILITY	ESF #11 – AGRICULTURE AND NATURAL RESOURCES
<b>PLANNING</b>	Conduct a systematic process engaging the whole community, as appropriate, in the development of executable strategic, operational and/or community-based approaches to meet defined objectives.
<b>OPERATIONAL COORDINATION</b>	Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.
<b>PUBLIC INFORMATION AND WARNING</b>	Deliver coordinated, prompt, reliable and actionable information to the whole community using clear, consistent, accessible and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard and, as appropriate, the actions being taken and the assistance being made available.

<p><b>INFRASTRUCTURE SYSTEMS</b></p>	<p><b>NCH Resources Protection:</b></p> <ul style="list-style-type: none"> <li>• Perform assessments and surveys to assist with planning and operational decisions.</li> <li>• Monitor response operations to protect sensitive resources.</li> <li>• Provide technical advice on mitigating impacts of operations and recommend response actions to minimize damage to natural and cultural resources.</li> <li>• Provide DHS/FEMA and other agencies with technical guidance and best management practices.</li> <li>• Coordinate with ESF-3 on removing debris affecting NCH resources.</li> </ul> <p><b>Safety and Defense of the State’s Supply of Meat, Poultry and Processed Egg Products:</b></p> <ul style="list-style-type: none"> <li>• Ensure that when regulated facilities in the affected area return to operations, they produce safe meat, poultry and processed egg products.</li> </ul>
<p><b>CRITICAL TRANSPORTATION</b></p>	<p><b>NCH Resources Protection:</b></p> <p>In support of response operations for damaged bridges, roads, culverts, borrow pits and ditches:</p> <ul style="list-style-type: none"> <li>• Conduct surveys and evaluations for archaeological resources, historic structures, cultural landscapes, biological resources, wetlands and critical habitat.</li> <li>• Assess, evaluate and make 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.</li> <li>• Provide monitoring to protect sensitive resources during response operations.</li> <li>• Assist with environmental compliance: <ul style="list-style-type: none"> <li>○ Section 106 of the National Historic Preservation Act.</li> <li>○ Threatened and Endangered Species Consultation.</li> <li>○ Migratory Bird Treaty Act, Magnuson-Stevens Act, Coastal Zone Management Act.</li> </ul> </li> </ul> <p><b>Safety and Defense of the State’s Supply of Meat, Poultry and Processed Egg Products:</b></p> <ul style="list-style-type: none"> <li>• Ensure meat, poultry and processed egg products in commerce are safe.</li> </ul>

<p><b>ENVIRONMENTAL RESPONSE/HEALTH AND SAFETY</b></p>	<p><b>Safety and Defense of the State’s Supply of Meat, Poultry and Processed Egg Products:</b></p> <ul style="list-style-type: none"> <li>• Ensure regulated facilities can provide safe meat, poultry and processed egg products.</li> </ul> <p><b>NCH Resource Protection:</b></p> <ul style="list-style-type: none"> <li>• Coordinate with ESF-10, Oil and Hazardous Materials on removing debris affecting NCH resources.</li> <li>• Perform assessments and surveys to assist with planning and operational decisions (e.g., temporary housing and sheltering plans).</li> <li>• Monitor response activities.</li> <li>• Monitor environmental conditions and conduct sampling.</li> <li>• Provide technical advice on mitigating impacts of contaminants and recommend cleanup actions to minimize damage to sensitive resources from response activities.</li> <li>• Comment on debris removal plans to minimize the impact on sensitive environmental resources.</li> <li>• Provide technical assistance, guidance, best management practices and consultation on a wide range of response actions including guidance on threatened and endangered species.</li> </ul>
<p><b>LOGISTICS AND SUPPLY CHAIN MANAGEMENT</b></p>	<p><b>Nutrition and Food Assistance:</b></p> <ul style="list-style-type: none"> <li>• Determines nutrition assistance needs.</li> <li>• Identifies and obtains appropriate food supplies.</li> <li>• Arranges transportation for food supplies.</li> <li>• Authorizes the Disaster Supplemental Nutrition Assistance Program.</li> </ul> <p><b>NCH Resources Protection:</b></p> <ul style="list-style-type: none"> <li>• Coordinate NCH resources identification and vulnerability assessments.</li> <li>• Facilitate development and application of measures and strategies to protect, preserve, conserve, rehabilitate, stabilize and guide the recovery of NCH resources.</li> <li>• Assist in emergency compliance with relevant federal environmental laws, such as emergency permits/consultation for natural resources use or consumption, during emergency response activities.</li> <li>• Manage, monitor and assist in or conduct response actions to minimize damage to NCH resources.</li> <li>• Provide assistance and expertise in addressing impacts to properties of traditional religious and cultural importance.</li> <li>• 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.</li> </ul>



<p><b>MASS CARE SERVICES</b></p>	<p><b>Nutrition Assistance:</b></p> <ul style="list-style-type: none"> <li>• Determine nutrition assistance needs.</li> <li>• Identify and obtain appropriate food supplies.</li> <li>• Arrange transportation for food supplies.</li> <li>• Authorize the Disaster Supplemental Nutrition Assistance Program.</li> </ul> <p><b>NCH Resources Protection:</b></p> <ul style="list-style-type: none"> <li>• Assist 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.</li> <li>• Conduct surveys of wetlands, archeological sites and biological assessments to assist with evaluating sites to inform planning and operational decisions.</li> </ul> <p><b>Animal (including Household Pets and Service Animal) Mass Care and Emergency Assistance:</b></p> <ul style="list-style-type: none"> <li>• Support 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.</li> <li>• Facilitate whole community multi-agency coordination with NGO agencies for animal response activities.</li> <li>• Provide technical assistance and subject matter expertise to local, state, tribal, federal government and NGOs, regarding animal response issues.</li> <li>• Coordinate 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.</li> </ul>
<p><b>PUBLIC HEALTH, HEALTHCARE AND EMERGENCY MEDICAL SERVICES</b></p>	<p><b>Animal and Agriculture Health:</b></p> <ul style="list-style-type: none"> <li>• Respond to animal and agricultural health emergencies under ISDA authority.</li> <li>• Coordinate with ESF-8 on managing zoonotic disease.</li> <li>• Coordinate with ESF-8 to ensure that animal/veterinary health issues (including both disease management and medical management) are supported.</li> </ul> <p><b>Food Safety and Inspection:</b></p> <p>Ensure the safety of the state's supply of meat, poultry and processed egg products.</p>

## PLANNING ASSUMPTIONS

- Local and tribal governments are primarily responsible for the welfare of individuals and animals within their jurisdictions. The animal control agency is typically the local-level authority that has jurisdiction for non-disease animal emergency management issues within a given community.
- Support for local jurisdictions will be implemented through ESF-11 when they are overwhelmed, have depleted or anticipate depleting their resources.
- Most animal and agriculture emergency response resources and assets are owned and controlled by the private sector and non-governmental organizations (NGOs).
- Indiana has a limited capacity of resources and will rely heavily on NGO and private industry contribution.
- Animal and agricultural health responses will be conducted in collaboration with state and federal authorities and private industries.
- Local, state, federal and/or tribal authorities will need to inspect agricultural production facilities and distributors following a disaster to determine their capacity to operate safely and to ensure they do not pose a risk to public health and the environment.
- Actions taken during an emergency threatening the environment or cultural and historic resources will be done in collaboration with the appropriate local, state and tribal agencies.
- Indiana's Veterinary Medical Reserve Corps (VMRC)/Animal Surveillance and Emergency Response Team (ASERT) will activate under a Governor-declared disaster.
- ESF-11 will work with ESF-6 representatives to assist with sheltering pets.
- Federal government commodities may be released under authorization by the USDA when a federal disaster declaration is in place to meet the immediate needs of survivors.

## CONCEPT OF OPERATIONS

### GENERAL CONCEPT

The role of the state of Indiana during emergency response is to supplement local efforts before, during and after a disaster or emergency. Emergency Support Function #11 (ESF-11) shall coordinate the use of available agriculture and natural resources personnel, resources and equipment in areas impacted by emergencies or disasters, to manage and support the immediate and long-term needs of the state and local jurisdictions.

ESF-11 shall ensure and promote a common operating picture (COP) through communicating with ESFs, the State Emergency Operations Center (SEOC) Operations Section and private sector partners, as applicable.

### SEOC ACTIVATION

During an SEOC activation, ESFs may be activated depending on the incident and activation level. During a disaster response, each ESF representative in the SEOC will remain under the administrative control of their agency head; however, they will function under the supervision of the SEOC Manager. Notification of activation will be made via phone, email and/or text message.

The SEOC is always activated at a Level IV for Daily Operations; however, the activation level will be elevated for planned events, incidents, disasters or other response operations as needed. Activation level details are outlined in the State Emergency Operations Plan.

### DEMOBILIZATION OF THE SEOC

Emergency Support Functions will be demobilized from emergency response as objectives are accomplished and the need for their participation diminishes. During demobilization, it is the responsibility of the ESF primary agency to ensure all paperwork, such as equipment time records, personnel time records, accident reports and mechanical inspections have been completed, are accurate and submitted to the appropriate SEOC personnel.

## ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

### ORGANIZATION

Emergency Support Function #11 (ESF-11) – Agriculture and Natural Resources works under the Human Services Group in the Operations Section of the State Emergency Operations Center (SEOC). This position is staffed by the Indiana State Board of Animal Health (BOAH) and/or the Indiana State Department of Agriculture (ISDA).

In the event of an agriculture and natural resource incident, local, state, federal agencies and private sector organizations will coordinate the resources and personnel needed. Each primary and supporting agency shall maintain internal Standard Operating Procedures (SOPs) and/or Standard Operating Guides (SOGs) or other documents that detail the logistical and administrative priorities deemed necessary to assist in overall state prevention, protection, mitigation, response and recovery operations.

Specific roles and responsibilities of primary and supporting agencies during an incident or event are described below. Tasks include but are not limited to:

### ASSIGNMENT OF RESPONSIBILITIES

#### Primary Agency Responsibilities

- Designate and train personnel to serve as the ESF-11 representative in the SEOC.
- Help identify state food, agriculture and natural resources assets to assist in critical functions and tasks before, during and after emergency events and disaster situations.
- Work with other state, local or municipal departments to determine the impact of the incident and resource gaps that may exist.
- Provide training to essential personnel who may be called upon to work in potentially impacted areas.
- Coordinate and implement emergency-related response and recovery functions, as required, under statutory authority.

#### Supporting Agency Responsibilities

- Identify new equipment, technologies or capabilities required to prepare for or respond to new or emerging threats and hazards.
- Provide information or intelligence regarding trends and challenges to state of Indiana's food, agriculture and natural resources response capability.

#### SEOC ESF-11 Responsibilities

Please see primary agency responsibilities above and additional responsibilities below:

- Coordinate, prioritize and deconflict agricultural and natural resources needs of the state and local jurisdictions.
- Manage and direct task assignments that come through the SEOC.
- Provide information to ESF-15, External Affairs and/or the Joint Information Center (JIC) for public distribution.
- Provide situation reports through WebEOC as identified in the incident battle rhythm.
- Participate in briefings, as needed.
- Follow the ESF-11 SEOC Just-in-Time Training checklist when arriving at the SEOC.
- Manage the financial aspects of ESF-11.

## EMERGENCY SUPPORT FUNCTION GENERAL TASKS

The following tables are comprised of essential tasks that may need to be completed by Emergency Support Function #11 (ESF-11) in all phases of emergency management. These tasks have been created as a guide to follow for the primary and support agencies of ESF-11. They have been developed as a tool to address potential challenges and unique risks that may be faced during times of emergency and disaster in Indiana. It will be the responsibility of ESF-11 to ensure the tasks outlined here are accurate and reflect their overall ability to manage, support and deploy resources.

Table 2. ESF-11 PREVENTION TASKS

ESF #11 – PREVENTION TASKS	
TASK #	TASK SUMMARY
1	Initiate a time-sensitive, flexible planning process that builds on existing plans and incorporates real-time agriculture sector intelligence.
2	Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.
3	Anticipate and identify emerging and/or imminent agriculture sector threats through observation and situational awareness.
4	Make appropriate assumptions to inform decision makers and counterterrorism professionals actions to prevent imminent attacks on the agriculture sector in the homeland.
5	Continue to monitor changing trends in activity and aggressive behavior at the local, state and national level and adjust prevention tasking as it applies to ESF-11.
6	Establish and maintain partnership structures among protection elements to support networking, planning and coordination.
7	Present courses of action to decision makers to locate, interdict, deter, disrupt or prevent imminent attacks on the homeland and imminent follow-on attacks.
8	Share relevant, timely and actionable information and analysis with local authorities through a pre-established reporting system.
9	Identify possible agriculture sector terrorism targets and vulnerabilities. Ensure the security of equipment, facilities and personnel through assessing capabilities and vulnerabilities.
10	Implement, exercise and maintain plans to ensure continuity of operations.

Table 3. ESF-11 PROTECTION TASKS

ESF #11 – PROTECTION TASKS	
TASK #	TASK SUMMARY
1	Develop and maintain notification lists that include emergency contact information and update annually.
2	Develop and maintain a roster of personnel with specialized skills.
3	Maintain a list of facilities that could be used for sheltering and equipment companies to supply cages to accommodate animals.
4	Maintain a supply of medical equipment and medications available.
5	Develop and maintain a staffing roster for the SEOC.
6	<p>Develop and conduct awareness training and exercise programs for personnel. Education topics and considerations include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Assessing equipment.</li> <li>• Animal health and care issues.</li> <li>• Working in the field or an EOC during emergency operations.</li> <li>• Emergency communications and reporting procedures.</li> <li>• National Incident Management System/Incident Command.</li> <li>• Continuity of operations.</li> <li>• Mapping/GIS</li> <li>• Emergency transportation.</li> </ul>
7	Participate in periodic exercise of the Emergency Operations Plan (EOP).
8	Develop a system to collect information regarding essential resources and equipment.
9	Develop a list of resource needs. Work toward eliminating these shortfalls through funding, partnerships, etc.
10	Develop and maintain emergency animal procedures.
11	Update mutual aid agreements.
12	Encourage pet owners to clearly place identification on their animals and develop personal preparedness plans/kits.
13	Instruct and train Public Information Officers (PIOs) regarding animal health and care issues.
14	Exercise alternate food, agriculture and natural resources response facilities, equipment and assets for Continuity of Operations.
15	Train ESF-11 personnel on legislation, policies and administrative rules that relate directly to food, agriculture and natural resources, this ESF and its ability to provide emergency assistance.

Table 4. ESF-11 MITIGATION TASKS

ESF #11 – MITIGATION TASKS	
TASK #	TASK SUMMARY
1	Identify areas that have been or are currently prone to significant hazards and determine the impact on critical infrastructure and the ability to move personnel and resources into affected areas.
2	Identify food, agriculture and natural resources within the state of Indiana and potential shortfalls or gaps that may exist.
3	Identify the following critical information: <ul style="list-style-type: none"> <li>• Animal populations of various species.</li> <li>• Potential needs for various types of animals.</li> <li>• Carcass disposal facilities and methods of disposal.</li> </ul>
4	Identify potential partnerships or funding sources to reduce or eliminate resource shortfalls or gaps for food, agriculture and natural resources issues and concerns.
5	Establish partnerships with other federal, state, local and municipal entities that share food, agriculture and natural resources responsibilities.
6	Identify gaps in mutual aid agreements, letters of understanding or contracts with departments, organizations or private entities that may offer rapid deployment of resources or services as they relate to short and long-term emergency food, agriculture and natural resources needs.
7	Identify, establish and maintain technical standards and specifications for essential pieces of equipment related to short and long-term emergency food, agriculture and natural resources needs.
8	Identify, establish and maintain routine and emergency safety standards for all food, agriculture and natural resources personnel that comply with federal and state requirements and policies.
9	Identify, establish and maintain alternate food, agriculture and natural resources facilities, equipment and assets for continuity of operations and essential food, agriculture and natural resources services statewide.
10	Assist in developing legislation, policies and administrative rules that relate directly to food, agriculture and natural resources, this ESF and its ability to provide emergency assistance.
11	Develop and implement activities relating to food, agriculture and natural resources services during emergencies or disasters to mitigate the identified threats.
12	Identify training gaps and needs relating to food, agriculture and natural resources services during emergencies or disasters.



<b>13</b>	Work with ESF-15, External Affairs to develop and maintain public outreach programs aimed at eliminating or reducing the risks associated with emergency food, agriculture and natural resources issues.
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Table 5. ESF-11 RESPONSE TASKS

<b>ESF #11 – RESPONSE TASKS</b>	
<b>TASK #</b>	<b>TASK SUMMARY</b>
<b>1</b>	<p>Activate SOPs or guidelines for emergency operations that consider:</p> <ul style="list-style-type: none"> <li>• The assessment, staging, use, status and sustainability of facilities, equipment, supplies and other resources.</li> <li>• Food safety, zoonotic or plant disease surveillance and investigation of the event.</li> <li>• Coordinating or conducting any required laboratory testing.</li> <li>• Alerting, notifying and activating personnel for work in the field or within the SEOC.</li> </ul>
<b>2</b>	<p>Activate ESF-11 personnel for such mission essential tasks as:</p> <ul style="list-style-type: none"> <li>• Assessing and procuring equipment, supplies and resources.</li> <li>• Assessing critical infrastructure following an emergency or disaster.</li> <li>• Responding to the field for emergency operations.</li> <li>• Working in an EOC during emergency conditions.</li> <li>• Supporting local, district or statewide Incident Command Structures.</li> <li>• Activating continuity of operations plans.</li> <li>• Assist in coordinating donations of animal food, feed, supplies and resources.</li> <li>• Developing and distributing maps and other pertinent food, agriculture and natural resources information.</li> <li>• Damage assessment of affected site.</li> <li>• Coordinate resources for rescue, transport, shelter, identification, triage and treatment of animals, if requested.</li> <li>• Provide guidance for identification of displaced animals and for recording of deceased animals.</li> </ul>
<b>3</b>	Work with ESF-2 (Communications) to evaluate the ability to communicate with ESF-11 personnel and implement alternate communications if primary systems are down.
<b>4</b>	Implement an emergency public information and education program regarding food, agriculture and natural resources issues during emergency operations.
<b>5</b>	Work with ESF-13 (Public Safety and Security) in the placing barricades or other security measures as needed or required.
<b>6</b>	Identify the cause of the emergency event and develop and implement activities to prevent additional food, agriculture and natural resources related damage during response.
<b>7</b>	Work with appropriate state and local agencies/departments and emergency management agencies in moving and caring for people with assistance animals.

<b>8</b>	Work with ESF counterparts at the local, state, regional and national levels, as well as NGOs and private businesses/industry, as needed.
<b>9</b>	Post situation reports and critical information in WebEOC during activations.

*Table 6. ESF-11 RECOVERY TASKS*




<b>ESF #11 – RECOVERY TASKS</b>	
<b>TASK #</b>	<b>TASK SUMMARY</b>
<b>1</b>	Work to aggressively eliminate shortfalls or resource gaps that were identified in response to an emergency or disaster.
<b>2</b>	Establish partnerships and identify funding sources to address resource shortfalls or gaps for food, agriculture and natural resources issues and concerns.
<b>3</b>	Provide guidance for the return of animals to owners and provisions for abandoned animals through adoption programs to allow new ownership.
<b>4</b>	Re-establish food, agriculture and natural resources commercial channels and operations.
<b>5</b>	Maintain open and ongoing communication with other federal, state and municipal entities in impacted areas and assist in their overall efforts for recovery operations.
<b>6</b>	Assess mutual aid agreements, letters of understanding or contracts with departments, organizations or private entities that may have been utilized during the response and determine if those agreements need to be updated or revised.
<b>7</b>	Assess the current technical standards and specifications for essential pieces of equipment related to short and long-term emergency food, agriculture and natural resources needs and update based upon the lessons learned from the most recent emergency response.
<b>8</b>	Assess the current level of training on emergency safety standards for food, agriculture and natural resources personnel to determine the appropriate application and compliance with federal and state requirements and policies.
<b>9</b>	Assess the current usage and application of alternate food, agriculture and natural resources facilities, equipment and assets for these essential services statewide to determine if there are issues that need to be addressed for future response operations.
<b>10</b>	Work with primary agency PIOs, provide public information with guidance for recovery of food, agriculture and natural resources issues and re-establish confidence in the food supply.

## COMMUNITY LIFELINES



Indiana has adopted the Federal Emergency Management Agency's (FEMA) eight (8) community lifelines into prevention, protection, mitigation, response and recovery activities. Lifelines are services that enable the continuous operation of critical government and business functions and are essential to human health and safety or economic security. Multiple community lifelines correspond with this Emergency Support Function (ESF) Annex. The three (3) primary lifelines are Safety and Security; Food, Hydration, Shelter; and Health and Medical.

*Table 7. SAFETY AND SECURITY; HEALTH AND MEDICAL; AND FOOD, HYDRATION, SHELTER LIFELINE DEFINITIONS, COMPONENTS AND ESSENTIAL ELEMENTS OF INFORMATION (EEI)*

LIFELINE TITLE	DEFINITION
 Safety and Security	This lifeline covers responder and survivor safety and the continuity of government (including basic services, firefighting and law enforcement).
 Food, Water, Shelter	This lifeline covers not only traditional feeding and hydration services, which are routinely paired with sheltering (hence the grouping of components in this lifeline), but it also covers agricultural infrastructure that is closely tied.
 Health and Medical	This lifeline covers all aspects of medical services required during an incident, including survivor care, fatality management, public health and the medical supply chain.

COMPONENTS, SUBCOMPONENTS AND ESSENTIAL ELEMENTS OF INFORMATION (EEIs)		
SAFETY AND SECURITY	FOOD, HYDRATION, SHELTER	HEALTH AND MEDICAL
<ul style="list-style-type: none"> <li>▪ Law Enforcement/Security               <ul style="list-style-type: none"> <li>○ Police Stations</li> <li>○ Law Enforcement</li> <li>○ Site Security</li> <li>○ Correctional Facilities</li> </ul> </li> <li>▪ Fire Service               <ul style="list-style-type: none"> <li>○ Fire Stations</li> <li>○ Firefighting Resources</li> </ul> </li> <li>▪ Search and Rescue               <ul style="list-style-type: none"> <li>○ Local Search and Rescue</li> </ul> </li> <li>▪ Government Service               <ul style="list-style-type: none"> <li>○ Emergency Operations Centers</li> <li>○ Essential Government Functions</li> <li>○ Government Offices</li> <li>○ Schools</li> <li>○ Public Records</li> <li>○ Historic/Cultural Resources</li> </ul> </li> <li>▪ Community Safety               <ul style="list-style-type: none"> <li>○ Flood Control</li> <li>○ Other Hazards</li> <li>○ Protective Actions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Food               <ul style="list-style-type: none"> <li>○ Commercial Food Distribution</li> <li>○ Commercial Food Supply Chain</li> <li>○ Food Distribution Programs (e.g., food banks)</li> </ul> </li> <li>▪ Hydration               <ul style="list-style-type: none"> <li>○ Temporary Hydration Missions (e.g., bottled water distribution)</li> <li>○ Commercial Water Supply Chain</li> </ul> </li> <li>▪ Shelter               <ul style="list-style-type: none"> <li>○ Housing (e.g., homes, shelters)</li> <li>○ Commercial Facilities (e.g., hotels)</li> </ul> </li> <li>▪ Agriculture               <ul style="list-style-type: none"> <li>○ Animals and Agriculture</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Medical Care               <ul style="list-style-type: none"> <li>○ Hospitals</li> <li>○ Dialysis</li> <li>○ Pharmacies</li> <li>○ Long-Term Care Facilities</li> <li>○ Veterans' Affairs (VA) Health System</li> <li>○ Veterinary Services</li> <li>○ Home Care</li> </ul> </li> <li>▪ Public Health               <ul style="list-style-type: none"> <li>○ Health Surveillance</li> <li>○ Human Services</li> <li>○ Behavioral Health</li> <li>○ Vector Control</li> <li>○ Labs</li> </ul> </li> <li>▪ Patient Movement               <ul style="list-style-type: none"> <li>○ Emergency Medical Services</li> </ul> </li> <li>▪ Medical Supply Chain               <ul style="list-style-type: none"> <li>○ Blood/Blood Products</li> <li>○ Manufacturing                   <ul style="list-style-type: none"> <li>▪ Pharmaceutical Devices</li> <li>▪ Medical Gases</li> </ul> </li> <li>○ Distribution</li> <li>○ Critical Clinical Research</li> <li>○ Sterilization</li> <li>○ Raw Materials</li> </ul> </li> <li>▪ Fatality Management               <ul style="list-style-type: none"> <li>○ Mortuary and Post-Mortuary Services</li> </ul> </li> </ul>

## LIFELINE AND ESF OBJECTIVES AND TASKS TIMELINE

Table 8. ESF-11 GENERAL TASKS

OBJECTIVE	SUPPORT NEEDED FROM	MISSION-ESSENTIAL TASKS
<b>TIMELINE: 0 – 24 HOURS</b>		
To deploy an ESF-11 representative within six (6) hours of SEOC activation	— —	Deploy ESF-11 representative to the SEOC and be briefed.
To maintain the common operating picture (COP) and contribute to the incident action plan (IAP)	— —	Assist in developing situation reports and readiness assessments that will provide an accurate COP.
<b>TIMELINE: 24 – 72 HOURS</b>		
To continue maintaining the COP and contributing to the IAP	— —	Communicate the status and existing capabilities of all ESF-11 agencies to prioritize needs.
	— —	Incorporate all actions into the incident action plan (IAP) in coordination with IDHS.
	ESF-7	In coordination with ESF-7 (Logistics Management and Resource Support), review possible contractors and activate as necessary to address priority issues. Deploy contractors to forward mobilization sites or staging areas.
	ESF-1	Ask ESF-1 (Transportation) for ingress and egress routes.
	ESF-2	Ask ESF-2 (Communications) for available communications, including with local veterinarians and agricultural contacts.
	— —	Coordinate support from private-sector organizations.
To continue maintaining the COP and contributing to the IAP	ESF-7	Request additional resources through Emergency Management Assistance Compact (EMAC) or the federal government, as necessary.
	<b>TIMELINE: BEYOND 72 HOURS</b>	
	— —	Continue prioritizing needs and begin assessing priorities for recovery.
	— —	Participate in developing the IAP, based on needs and priorities.
	— —	Continue coordinating support from private sector organizations.
	ESF-7	Request additional resources through EMAC or the federal government, as necessary.
To continue maintaining the COP and contributing to the IAP	ESFs-1, 2, 5, 6, 7, 8, 10, 15	Continue coordinating with ESFs-1, 2, 5, 6, 7, 8, 10 and 15.

Table 9. ESF-11 TASKS FOR SAFETY AND SECURITY

LIFELINE OBJECTIVE	ESF OBJECTIVE	SUPPORT NEEDED FROM	MISSION-ESSENTIAL TASKS
TIMELINE: 0 – 24 HOURS			
To begin and continue rescue efforts until all missing people have been accounted for	— —	— —	BOAH: Support the care, maintenance and medical treatment of search and rescue animals, as required.

Table 10. ESF-11 TASKS FOR HEALTH AND MEDICAL

LIFELINE OBJECTIVE	ESF OBJECTIVE	SUPPORT NEEDED FROM	MISSION-ESSENTIAL TASKS
TIMELINE: 0 – 24 HOURS			
Provide public health and medical services to people in need through the disaster area	— —	ESF-8	Coordinate with ESF-8 on the potential for contagious animal diseases or illnesses that could affect the human population.

Table 11. ESF-11 TASKS FOR COMMUNICATIONS

LIFELINE OBJECTIVE	ESF OBJECTIVE	SUPPORT NEEDED FROM	MISSION-ESSENTIAL TASKS
TIMELINE: 0 – 24 HOURS			
To transmit public information and warning messages to survivors in the disaster area within 12 hours of the incident.	— —	ESF-15	Coordinate public information regarding contagious animal diseases or illnesses and about animal health and care, with ESF-15.

Table 12. ESF-11 TASKS FOR FOOD, HYDRATION, SHELTER

LIFELINE OBJECTIVE	ESF OBJECTIVE	SUPPORT NEEDED FROM	MISSION-ESSENTIAL TASKS
TIMELINE: 0 – 24 HOURS			
To gain situational awareness and determine needs for field shelters	To gain situational awareness and determine needs for field shelters in support	— —	Alert, notify and activate personnel for work in the field or within the SEOC.
		— —	Provide information or intelligence regarding trends and challenges to the state of

	of the Red Cross within 12 hours		Indiana’s food, agriculture and natural resources response capability.
To activate resources to support mass care and shelter openings	— —	— —	Work with other state and local food, agriculture and natural resources departments to assess overall damage in impacted areas and identify resource gaps that may exist.
		— —	Assess and procure equipment, supplies and resources.
		— —	Participate, as needed, in the SEOC supporting overall coordination of food, agriculture and natural resources assets and personnel during response operations.
		— —	Assist in coordinating donations of animal food, feed, supplies and resources.
To provide life-sustaining and human services to the affected population and animals	— —	— —	Plan and prepare for the provision of animal care and healthcare after the first 72 hours.
		— —	Conduct surveillance of and investigate food safety and zoonotic and plant diseases.
		— —	If normal communications capabilities (telephone, cellular, radio) exist, attempt to determine the significant animal care issues in each county. Local veterinarians and agricultural contacts will most likely be the best sources for this information. BOAH maintains a listing of these contacts.
		— —	BOAH: Establish pet shelters within the first 24 hours.
TIMELINE: 24 – 72 HOURS			
To deliver mass care services for survivors and pets	— —	ESF-6	Coordinate with ESF-6 (Mass Care) on food commodities for mass care, as well as the care of pets near shelters.
	To deliver mass care services for pets	ESF-7	Support domestic pet shelters. Work with appropriate state and local agencies/departments and emergency management agencies in the movement and care of persons with assistance animals.
		— —	Coordinate resources for rescue, transport, shelter, identification, triage and treatment of animals, as requested.
		— —	Provide guidance for identification of displaced animals and for recording of deceased animals.
	To determine a rendering site(s) and transport within 48 hours	ESF-10	Designate potential sites for disposing of animal carcasses and determine methods of collection and disposal. This should be coordinated with ESF-10.
	To request assistance from a national veterinary response team (NVRT) within 24 hours	ESF-5	Coordinate with ESF-5 (Information & Planning) to be a part of (or get intelligence from) the aerial damage assessment teams about significant issues of animal health and care.

		— —	Deploy veterinary emergency personnel, including ASERTs and request deployment of NVRTs.
		— —	Prioritize rescue, transport, shelter, identification, triage and treatment of animals using available facilities, equipment and supplies.
		— —	Coordinate handling displaced and abandoned animals and recording diseased animals.
	To deliver feeding services for large animals	Volunteers	Arrange for or deliver food to facilities, developing staging for large animals
<b>TIMELINE: BEYOND 72 HOURS</b>			
To have clean water available to all counties	— —	Contractors	Begin inspections of animal waste lagoons.
To sustain and refine life-sustaining services and needs assessments	— —	— —	Dispose of large animals to combat disease.
		— —	Support domestic agriculture, inspect grain bins and inspect lagoons of animal waste.
		— —	Continue to prioritize rescue, transport, shelter, identification, triage and treatment of animals.
		— —	Continue to coordinate handling displaced and abandoned animals and recording diseased animals.



## **APPENDIX A – REFERENCES, RELATED PLANS AND PROCEDURES**

### **REFERENCES**

- [FEMA's ESF #11 – Agriculture and Natural Resources Annex, 2016](#)
- Magnuson–Stevens Fishery Conservation and Management Act of 1976
- Migratory Bird Treaty Act of 1918 (MBTA)
- National Historic Preservation Act of 1966

### **RELATED PLANS**

- State of Indiana Emergency Operations Plan (EOP), March 2025

### **STANDARD OPERATING PROCEDURES AND GUIDES**

- SEOC Just-in-Time Training Checklist- ESF #11

## APPENDIX B – ACRONYMS

ACRONYM	FULL DESCRIPTION
<b>APHIS</b>	USDA Animal and Plant Health Inspection Service
<b>ARC</b>	American Red Cross
<b>ASERT</b>	Animal Surveillance and Emergency Response Team
<b>BOAH</b>	Indiana State Board of Animal Health
<b>COP</b>	Common Operating Picture
<b>DHS</b>	U.S. Department of Homeland Security
<b>DNR</b>	Indiana Department of Natural Resources
<b>DOI</b>	U.S. Department of Interior
<b>DWD</b>	Indiana Department of Workforce Development
<b>EEI</b>	Essential Element of Information
<b>EMA</b>	Emergency Management Agency
<b>EMAC</b>	Emergency Management Assistance Compact
<b>EMS</b>	Emergency Medical Services
<b>EOC</b>	Emergency Operations Center
<b>EOP</b>	Emergency Operations Plan
<b>ESF</b>	Emergency Support Function
<b>FEMA</b>	Federal Emergency Management Agency
<b>FNS</b>	USDA Food and Nutrition Service
<b>FSIS</b>	USDA Food Safety and Inspection Service
<b>FSSA</b>	Family and Social Services Administration
<b>GIS</b>	Geographic Information System
<b>IAP</b>	Incident Action Plan
<b>IDEM</b>	Indiana Department of Environmental Management
<b>IDHS</b>	Indiana Department of Homeland Security
<b>IDOA</b>	Indiana Department of Administration
<b>IDOH</b>	Indiana Department of Health
<b>IDOI</b>	Indiana Department of Insurance

<b>IDOL</b>	Indiana Department of Labor
<b>IEDC</b>	Indiana Economic Development Corporation
<b>IGWS</b>	Indiana Geological and Water Survey
<b>IN-VOAD</b>	Indiana Voluntary Organizations Active in Disaster
<b>INDOT</b>	Indiana Department of Transportation
<b>INNG</b>	Indiana National Guard
<b>INVMA</b>	Indiana Veterinary Medical Association
<b>IPSC</b>	Integrated Public Safety Commission
<b>ISDA</b>	Indiana State Department of Agriculture
<b>ISP</b>	Indiana State Police
<b>IURC</b>	Indiana Utility Regulatory Commission
<b>JIC</b>	Joint Information Center
<b>MBTA</b>	Migratory Bird Treaty Act of 1918
<b>NCH</b>	Natural and Cultural Resources and Historic Properties
<b>NGO</b>	Non-Governmental Organization
<b>NIMS</b>	National Incident Management System
<b>OCRA</b>	Indiana Office of Community & Rural Affairs
<b>OISC</b>	Office of Indiana State Chemist
<b>PIO</b>	Public Information Officer (or Office)
<b>SBA</b>	Indiana State Budget Agency
<b>SEOC</b>	State Emergency Operations Center
<b>SOG</b>	Standard Operating Guideline
<b>SOP</b>	Standard Operating Procedure
<b>SPD</b>	Indiana State Personnel Department
<b>USDA</b>	U.S. Department of Agriculture
<b>VA</b>	Veterans Affairs
<b>VMRC</b>	Indiana Veterinary Medical Reserve Corps
<b>WebEOC</b>	Web Emergency Operations Center