



Animal Welfare Appendix/ Pima Domestic Animal Response Team (PDART)

ESF-11 AGRICULTURE, ANIMAL WELFARE AND NATURAL RESOURCES

PIMA COUNTY EMERGENCY OPERATIONS PLAN

Coordinating Agency:	Pima Animal Care Center
Primary Agency:	Pima Animal Care Center
Support Agencies:	Pima Domestic Animal Response Team (PDART) Pima County Office of Emergency Management Pima County Health Department Pima County Natural Resources /Parks & Recreation) Pima County Facilities Management Pima County Department of Environmental Quality Pima County Debris Management Group
State Agencies:	Arizona Department of Agriculture – Animal Services Division (ADA-ASD) Arizona Department of Emergency and Military Affairs (DEMA) Arizona Department of Health Services (ADHS)
Private:	Humane Society of Southern Arizona Arizona Humane Society (AHS) Southern Arizona Veterinary Managers’ Group (SAVMA) Southern Arizona Veterinary Response Team (SAVRT) Arizona Veterinary Medical Association-Disaster Medical Committee (AzVMA-DMC) Local Veterinarians
Voluntary:	American Red Cross - Southern Arizona Chapter Community Organizations Active in Disasters (COAD) Society for the Prevention of Cruelty to Animals (SPCA)

Pima County Emergency Operations Plan

INTRODUCTION

Purpose

The purpose of the *ESF-11 Animal Welfare Appendix* is to establish how animal welfare (household pets, unclaimed animals, service animals and livestock) response activities will be coordinated to meet the needs generated by disasters affecting Pima County.

- Provide guidelines for rapid response to emergencies/disasters affecting the health, safety and welfare of animals.
- Establish direction and control structure for planning and responding to disasters and emergencies that impact domestic animals including pets, certain non-commercial livestock, and zoological collections.

Scope

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

ESF-11 Animal Welfare Appendix applies to state, local, and private agencies with response and support capabilities for the rescue, care and disposition of animals during emergencies and to all individuals/organizations and the full range of animal welfare support that may be required during disaster response and recovery operations in Pima County. In addition, this Appendix will provide Household Animal Pet and Service Animal (HPSA) Support in relation to *ESF-6 Mass Care Annex* during emergencies/disasters.

ESF-11 Animal Welfare Appendix will address:

- Service Animals
- Household pets and unclaimed animals
 - search and collections
 - emergency sheltering
 - feeding and care
 - medical treatment
 - reclaiming and reunion
- Livestock
- Wildlife

This appendix shall be activated at the direction of the Manager, Pima Animal Care Center (or designee), when local response capabilities are insufficient or inadequate to respond to an incident which impacts domestic animals and wildlife. The Manager, PACC, will notify and coordinate activation with the Director, Pima County Health Department and PCOEM, and/or the EOC.

Pima County Emergency Operations Plan

The *Foreign Animal Disease Appendix* addresses planned response to biological infections and infestations that affect agricultural livestock and associated food products.

SITUATION AND ASSUMPTIONS

In addition to the “Situation and Assumptions” section in the *Basic Plan* and the *ESF-11 Agriculture, Animal Welfare and Natural Resources Annex*, the Concept of Operations for *ESF-11 Animal Welfare Appendix* is based on the following:

Situation

1. Disasters in Pima County could result in the evacuation or displacement of residents and their household pets and service animals.
2. Some humans may endanger their lives and others' to ensure the safety and well-being of household pets (e.g. refusing to evacuate or re-entering dangerous areas).
3. Household pet owners have the primary responsibility to care for their pets prior to, during, and after disasters and are strongly encouraged to consider and plan for their animals' needs before a disaster occurs.
4. When owners are unable to provide for the needs of their household pets and service animals, Pima County will provide for the rescue, care, shelter, and essential needs of those animals in compliance with the Pets Evacuation and Transportation Act of 2006.
5. Service animals are the only animals permitted inside emergency mass care shelters in Pima County. This requires that household pets must be cared for in a separate part of the shelter facility that is isolated from the human component or at a separate shelter facility.
6. Household pets and service animals may require immediate first aid and/or emergency medical attention following a natural or technological disaster.
7. A terrorist incident involving the use of WMD agent(s) could contaminate large populations and species of animals (pets, livestock and wildlife) requiring decontamination prior to entry at shelters, reunification or release.
8. Animal Control Officers in Pima County may be assigned to life saving activities as a priority during a disaster, which may conflict with animal response needs.
9. Because of limited resources in Pima County for animal welfare response, there are external private, non-profit and volunteer organizations that may be utilized when necessary.
10. Impacts of disaster affecting livestock in Pima County may include being displaced from their original home location or roaming freely after becoming loosed from original containment areas exposing them to injury or loss. Jurisdictional officials may not then be able to identify owners of the livestock to return them and if they are detained, will require containment. All of which require resources which may be in short supply.

Pima County Emergency Operations Plan

11. Specialized transportation may be needed for specific types of animals for shelter, containment, quarantine and disposal.

Assumptions

1. Household pet and service animal owners should make appropriate preparations for their animals before a disaster occurs.
2. When household pet and service animal owners are displaced due to a disaster they should evacuate to pre-arranged locations where they can care for their own animals or they should evacuate to public shelter facilities.
3. Service Animals and their owners should never be separated and will be transported, evacuated and sheltered together, per Americans with Disabilities Act regulations. This does not apply to household pets however.
4. Individuals who rely on public transportation in their daily lives may need support to evacuate themselves and their household pets and service animals.
5. Evacuees with pets need to bring items to care for the specific needs of their animals such as food, feed, collars, leashes, carriers, muzzles and medications, as these items are not likely to be provided.
6. Household pet owners should provide species-specific enclosures for birds, rabbits, rodents and turtles. Most of these pets will remain in the enclosure provided by their owner during the sheltering period.
7. Animal food supplies may become contaminated, destroyed or in limited supply as a result of the emergency/disaster.
8. Service animals will accompany their owners on all public transportation vehicles in compliance with the Americans with Disabilities Act.
9. Numbers of homeless/injured pets, livestock, exotic animals and wildlife, could be a hazard to public health and safety, which may necessitate a response to address the capture and subsequent sheltering of these animals.
10. Events such as fire, flood and drought may cause wildlife to encroach on human habitats and will require capture and removal.
11. Triage and treatment of sick and injured animals to include euthanasia, if necessary, would have to be coordinated by veterinarians at designated shelters and private offices for small pets, and in the field for larger livestock.
12. Disasters and emergencies may increase the potential for domestic animals and wildlife to contract and transmit diseases.

Pima County Emergency Operations Plan

13. Any accumulation of animal carcasses throughout the County must be removed to authorized solid waste dumping sites and/or burnt or buried on site.
14. Some disaster scenarios could result in mass fatalities of animals. A disaster involving significant numbers of dead animals will create a substantial public health problem.
15. Sheltered animals will need to be re-united with their owners after the disaster.
16. In general, physical methods of euthanasia will be in accordance with established State Veterinarian, Pima Department of Environmental Quality (PDEQ) and EPA guidelines. Where large numbers of livestock or pets are involved, these procedures may have to be modified, but will adhere, to the extent possible, to guidelines for humane euthanasia of animals.

CONCEPT OF OPERATIONS

General

1. The care and needs of household pets and service animals prior to, during, and after an emergency situation or disaster are the primary responsibility of their owners. When owners are unable to provide for the care and needs of their animals, then local jurisdictions will assist them, as outlined in the Pets Evacuation and Transportation Act of 2006 and FEMA Disaster Assistance Policy 9523.19.
2. The Pima Animal Care Center (PACC) will assume overall responsibility for coordinating county resources applied to *ESF-11 Animal Welfare* during emergency or disaster response operations.
 - a. PACC will provide representatives to the EOC to provide advice and coordination when requested by the Director, PCOEM, or designee, and as circumstances permit.
 - b. PACC is responsible for the shelter, care, rescue and adoption, return or disposal of displaced, stray and abandoned domestic animals.
 - c. PACC, with the appropriate and available assistance of local law enforcement, fire-rescue-EMS, veterinary associations and humane societies, will coordinate and conduct rescue, medical assistance, and shelter operations for pets and other “companion” animals, as resources and circumstances permit.
 - d. Local jurisdictions will coordinate with the EOC for the procurement of additional animal shelter(s) and shelter needs (food, cages, carriers, etc.), if PACC is unable to accommodate the request.
 - e. The EOC will coordinate all unmet animal protection and shelter needs with the SEOC and local jurisdictions, if PACC is unable to accommodate the request.

Pima County Emergency Operations Plan

- f. The EOC will coordinate activities involved with the rescue, sheltering, care and protection of wildlife with Arizona Game & Fish Department.
3. The mission of the *ESF-11 Animal Welfare Team* is to ensure the provision of household pet care required to meet the needs generated by disaster affecting Pima County. The *ESF-11 Animal Welfare Team* will orchestrate the county-wide coordination required to fulfill this mission. These activities will include:
 - a. Establish and maintain operational awareness of household pet care operations through a direct communications link with operational entities. (PACC Officers, Community Animal Shelter Facilities and Community/Volunteer Groups, liaisons, etc.)
 - b. Receive, manage and track resource requests for ESF-11.
 - c. Collect information relative to ESF-11 and prepare it for inclusion into WebEOC and EOC documents including EOC Action Plans and Situational Reports.
 - d. Based on disaster impact assessment information, conduct household pet care needs assessments, prioritize requirements based on operational objectives and coordinate the acquisition and deployment of equipment and personnel, as required.
 - e. Assist in meeting appropriate staffing needs of the County *ESF-11 Animal Welfare Team* in the EOC throughout activations.
 - f. Coordinate with *ESF-15 Community Relations* to provide Household Pet Care services public information to disseminate where appropriate.
4. Specialized facilities (i.e., animal shelters, veterinary hospitals and clinics, boarding facilities, etc.) are responsible for making their own arrangements for emergency energy sources to provide proper environmental conditions, food and water to highly vulnerable animal populations. To the extent possible, PCOEM will coordinate efforts to meet any additional or unforeseen emergency requirements.
5. The *ESF-11 Animal Welfare Team* may reach out to organizations such as the Pima Domestic Animal Response Team (PDART) and the Arizona Veterinary Medical Association (AzVMA) for animal care support.
6. In most circumstances, critical supplies will be available either locally or within the greater Tucson metropolitan area. Should additional critical supplies be needed, local and state Veterinary Medical Associations can provide listings of resources available and assistance with their procurement and delivery. These organizations can also help coordinate donations management of such supplies.
7. The following Animal Support functions listed below are outlined in this section:
 - a. Animal Search and Rescue
 - b. Shelter Operations, Feeding and Care
 - c. Medical Treatment
 - d. Reclaiming and Reunification
8. All individuals/organizations involved in disaster response should collect and record information on the utilization of labor, materials, equipment and disaster-related costs.

Pima County Emergency Operations Plan

9. The Arizona Game and Fish Department (AZGFD) is responsible for wildlife issues.
 - a. The capture and relocation of wildlife.
 - b. The diagnosis and hospitalization of diseased or injured wild animals that may be saved and rehabilitated; and for the euthanasia and disposal of deceased wildlife.
10. Arizona Department of Agriculture – Animal Services Division (ADA-ASD) is responsible for livestock issues.
11. The Humane Society of Southern Arizona (HSSA) will:
 - a. In conjunction with the Pima Animal Care Center, operate animal shelters and collection points for displaced, stray or abandoned animals as a result of emergencies and disasters. Assist Pima Animal Care Center in rescue services for displaced, stray or abandoned animals as a result of emergencies and disasters.
 - b. Conduct pre-event coordination to establish MOUs with American Red Cross-Southern Arizona Chapter, vendors, landowners, kennels, and adjoining Humane Societies to support animal collection and shelter operations and for establishing procedures to reunite animals with their owners.
 - c. Consolidate and coordinate the response efforts of volunteer humane groups including grief counseling for those losing their companion animals.
12. Pima County Domestic Animal Response Team (PDART) consists of representatives of the Arizona Department of Agriculture (ADA), the 4 H club, the State Veterinarian's Office, University of Arizona, College of Agriculture (Veterinary Diagnostic Lab/Veterinary Science), Game and Fish Department, Pima Animal Care Center, the Humane Society of Southern Arizona, American Red Cross-Southern Arizona Chapter, Southern Arizona Veterinary Managers' Group and veterinarians from within the impacted jurisdiction representing large, small, and zoological animals.

The Pima County Domestic Animal Response Team (PDART) coordinates with local veterinary associations to provide disaster veterinary medical assistance teams and operations. Veterinarians functioning with PDART may function with statutory immunities from liability afforded to emergency workers during States of Emergency, in accordance with ARS § 26-310 and ARS § 26-314.

The PDART will:

- a. Cooperate and coordinate with PACC and local Humane Societies to accomplish emergency response and recovery objectives.
- b. When requested, provide a liaison officer to the EOC Operations Group to provide advice and coordination of pet food, equipment, pharmaceutical supplies, etc.
- c. Coordinate among local veterinary organizations to provide local emergency veterinary medical care to impacted areas and in extreme circumstances utilize

Pima County Emergency Operations Plan

veterinary medical facilities for limited emergency care and treatment of human patients.

- d. Coordinate with the Pima County Department of Environmental Quality and Pima County Debris Management Group on the development of a plan to dispose of mass fatality contaminated and non-contaminated carcasses from impacted area.
13. The Southern Arizona Veterinary Response Team (SAVRT) will establish and operate Disaster Veterinary Medical Assistance Centers.
 - In accordance with Arizona Revised Statute Title 11 Chapter 7 Article 6.1 and standard shelter medicine practices, SAVRT will assume responsibility for the diagnosis and treatment or humane euthanasia of sick or injured animals. SAVRT will coordinate disposal of deceased animals with PACC.
 14. University of Arizona - College of Agriculture (UA-COA) may support disaster operations by providing laboratory and diagnostic services.
 15. Pima Department of Environmental Quality (PDEQ) ensures that state laws and regulations regarding solid waste disposal, water quality, and related matters are enforced. Coordinate with Pima County Debris Management Group and Arizona Department of Health Services (ADHS) on the development of a plan to dispose of mass fatality contaminated and non-contaminated carcasses from impacted area.
 16. Other County Departments:
 - a. Pima County Department of Transportation (PCDOT) will support operations as directed by the EOC as capabilities permit.
 - b. Pima County Natural Resource/ Parks & Recreation (NRPR) will provide facilities to serve as people and pet shelters.
 - c. Pima County Facilities Management (PCFM) will provide and prepare shelter venues and facilities designated to serve as pet shelters.
 - d. Pima County Department of Environmental Quality (PDEQ) will coordinate the disposal of mass fatality contaminated and non-contaminated carcasses from impacted areas in conjunction with the Arizona Department of Environmental Quality (ADEQ) and the Arizona State Veterinarian's Office.
 17. The Pima County Health Department (PCHD) is responsible for the state rabies control program and other programs involving the communication of infectious diseases between animals and humans. The designated Regional Behavioral Health Authority (RBHA) will coordinate critical incident stress management (CISM) support for PDART responders.
 18. The American Red Cross and Community Organizations Active in Disasters (COADs) may provide coordination, personnel and resources to assist the PACC in carrying out its mission to respond to domestic animal emergencies and sheltering needs, as human shelters should be co-located with animal shelters whenever possible.

Pima County Emergency Operations Plan

Animal Search and Rescue (ASAR)

1. PACC Officers will usually be the first responders to begin animal search and rescue. Other first responders may also be involved in the case of evacuation of a pet owner and pet together, or a pet or stray animal with no known owner found at the time of rescue. Jurisdictions will use existing animal control processes until the need exceeds their capabilities. They will then contact the EOC to activate the *ESF-11 Animal Welfare Team* for other support including volunteers.
2. ASAR activities should be coordinated with jurisdictional law enforcement agencies when the safety and security of search and rescue personnel may be of concern.
3. PACC will follow internal SOPs for entering homes.
4. The *ESF-11 Animal Welfare Team* will then contact other regional resources and/or alternate professional providers for search and rescue support. In addition, the *ESF-11 Animal Welfare Team* may contact the state for additional resources and support.
5. PACC services have a limited capability to transport animals to temporary shelters or injured animals to veterinary relief facilities. Assistance with animal transportation may be available through *ESF-1 Transportation* or from other jurisdictions through established mutual aid agreements. Local and state Veterinary Medical Associations may also be able to provide listings of available transportation resources. In addition, the Humane Society of Southern Arizona (HSSA) can coordinate with the American Red Cross (ARC) – Southern Arizona Chapter to pick-up any animals arriving at ARC shelters and transport them to kennels or other temporary holding facilities. Animal carriers and supplies, along with appropriate transportation vehicles will need to be considered to transport animals safely.
6. PACC Officers and others involved in the rescue and/or recovery of stray pets and livestock will be responsible for following a redefined identification system to record pertinent information and tag the animals.
7. Volunteer coordination will be handled according to the Volunteer Management Annex and will be accomplished via the EOC and COAD – Community Organizations Active in Disasters.

Shelter Operations, Feeding and Care

1. For large scale events, *ESF-11 Animal Welfare* will work with local and state chapters of the Veterinary Medical Association, the HSSA, and Community Partners (such as local animal shelters, animal response teams and other animal support organizations) to help coordinate pet shelter activities with the extension office and other farm related agencies or organizations for issues regarding livestock.
2. Temporary shelter locations and addresses will be provided to first responders and search and rescue personnel to enable them to transport animals quickly and directly.

Pima County Emergency Operations Plan

3. Since animal shelters will be located as close as possible to human shelters, coordination with the American Red Cross (ESF 6 Mass Care & Sheltering) will be crucial.
4. A pre-scripted message will include shelter locations, owner responsibilities, shelter resource limitations, and other pertinent information, which will be disseminated through the public information system. (See *ESF-15 Public Information*)
5. Shelter staff and volunteer personnel will have completed an orientation and shelter operations training. The orientation covers the general situation, shelter-specific setup, safety guidelines, shelter organization, and assignment. Staff and volunteers will receive just-in-time training, as needed, specific to their assignment. These personnel may include county employees, PACC Officers, and coordinated and trained volunteers.
6. All animals arriving at the household pet shelter, whether rescued, arriving with their owner, or arriving via *ESF-1 Transportation Team*, will go through a registration and intake process.
7. Animal care at the congregate household pet shelter consists of housekeeping, cleaning and sanitizing, pest control, housing, feeding, and wateringsheltered animals. In some cases, animal care may be provided by the pet owners.
8. During short or long-term sheltering operations, local animal food suppliers and citizens may wish to donate money or goods to the household pet and service animal shelter(s). The acceptance of these donations must be carefully documented and delivered to the appropriate shelter or shelter manager and will be managed by PACC with EOC support.
9. The facility should be decontaminated and disinfected to prevent the transmission of disease. The facility should be returned to its original configuration and order to the greatest extent practical.
10. All equipment and supplies will be returned to a ready state in order to ensure their availability for follow-on operations. Organize and secure all appropriate documentation.

Medical Treatment

1. Pima County has a limited local capability for providing expedient health services to injured animals, pets and livestock. While the county has no zoos or wild animal parks, care for such exotic animals may be available through the Reid Park Zoo, in Tucson.
2. Emergency first aid and medical attention may be required for animals rescued from the disaster area. Those animals may undergo primary decontamination by first responders and a secondary decontamination by certified staff. The nature and extent of each animal's exposure to hazardous materials will guide the administration of secondary decontamination techniques.
3. Over the entire emergency period, household pets and service animals may require non-emergency veterinary attention. Veterinary care should only be administered by certified staff. Records of individual treatments should be kept, including animal identification information, name of product(s) administered, name of the individual administering the

Pima County Emergency Operations Plan

product, and the name of the supervising veterinarian. Some of these medical treatments may include:

- a. Decontamination- Household pets or service animals that have come in contact with flood water or other hazardous materials should undergo decontamination. Primary decontamination may be performed by first responders in the field or outside of the shelter facility. Secondary decontamination may be necessary depending on the type of hazardous material(s) the animal has come in contact with. Secondary decontamination will be performed by a certified responder or qualified veterinarian staff member.
- b. Triage and First Aid- Emergency care will be prioritized based on the severity of animal conditions. Only qualified staff may provide first aid to animals. The triage and first aid staff must be able to provide emergency medical care.
- c. Prevention and Treatment of Transmissible Diseases- Transmissible diseases, including Zoonotic diseases, which are shared between animals and people, could pose a risk to humans and animals in a shelter environment. Basic animal management and disease control guidelines should be followed to maintain human and animal health and reduce the risk of disease transmission.
- d. Isolation and Quarantine- Isolation and quarantine serve to protect human safety and animal health by containing the spread of disease. Rabies isolation areas should be separate from other isolation and quarantine areas.
- e. Euthanasia- Euthanasia is the act of inducing humane death in an animal. A veterinarian or licensed euthanasia technician should make the determination when euthanasia is appropriate and which method should be administered.
- f. Mortality Management- Appropriate and efficient carcass disposal is required to protect human and animal health, the food supply, and the environment. Arizona Department of Agriculture (ADA) will provide direction and/or oversee this process.

Reclaiming Animals and Reunification

1. Household pet owners will be given an opportunity to be re-united with their animal(s). Information taken during the intake process will be utilized for reunification. In addition, reasonable measures will be taken to inform household pet owners and promote reunification.
2. Unclaimed animals or situations where the owners are unavailable require special consideration requiring disposition and care. To the extent possible, PACC Officers will retain this responsibility within their own jurisdictions. Should the problem exceed local capability, assistance may be available from surrounding counties through established mutual support agreements. If additional resources are required, local and state chapters of the Veterinary Medical Association and the Humane Society may also be able to assist with locating and obtaining these services.

Pima County Emergency Operations Plan

3. Animals that have not been claimed within a reasonable period of time will be offered up for adoption and otherwise handled in accordance with existing policies regarding stray animals. The PDART may establish a Pet Hotline to assist owners with finding and claiming their pets.

ROLES AND RESPONSIBILITIES

ESF-11 Animal Welfare Appendix Team

The mission of the <i>ESF-11 Animal Welfare Appendix Team</i> is to ensure the provision of animal welfare and natural resource support required to meet the needs generated by disaster affecting Pima County.	
Coordinating Agency	Pima Animal Care Center
Primary Agency	Pima Animal Care Center (PACC)
Support Agencies & Voluntary Organizations	Pima County Sheriff's Department Pima Domestic Animal Response Team (PDART) Pima County Office of Emergency Management Pima County Health Department Pima County Natural Resources (Parks & Recreation) Pima County Facilities Management Department Pima County Department of Environmental Quality Humane Society of Southern Arizona (HSSA) American Red Cross (ARC) Community Organizations Active in Disasters (COAD)
Preparedness	<ul style="list-style-type: none"> Review the <i>ESF-11 Animal Welfare Appendix</i> annually and update as needed Continually evaluate the capabilities required to accomplish the ESF-11 mission, identify any gaps, and leverage resources to address them Manage the resolution of ESF-11 after-action issues Develop and/or participate in relevant ESF related planning, training, and exercise activities at the local, regional, state, and/or federal level Ensure necessary supplements to the ESF annex are developed and maintained (including emergency contact lists, resource lists, departmental/functional plans, procedures, protocols, and EOC job aids) Ensure representatives from the Coordinating Agency and Support Agencies are fully trained and prepared to respond to the County EOC as ESF-11 Team Members
Response	<ul style="list-style-type: none"> Establish and maintain operational awareness of household pet care operations through a direct communications link with operational entities. (Animal Control Officers, Community Animal Shelter Facilities and Volunteer Groups, liaisons, etc.) Receive, manage, and track resource requests for ESF-11. Collect information relative to ESF-11 and prepare it for inclusion into WebEOC and EOC documents including EOC Action Plans and Situational

Pima County Emergency Operations Plan

	<p>Reports.</p> <ul style="list-style-type: none"> • Based on disaster impact assessment information, conduct household pet care needs assessments, prioritize requirements based on operational objectives, and coordinate the acquisition and deployment of equipment and personnel, as required. • Assist in meeting appropriate staffing needs of the County ESF-11 Team in the EOC throughout activations. • Coordinate with <i>ESF-15 Public Information</i> to provide Household Pet Care services public information to disseminate where appropriate.
Recovery	<ul style="list-style-type: none"> • Coordinate the ESF-11 support of recovery activities • Coordinate the restoration of ESF-11 resources and/or capabilities as needed • Ensure ESF-11 Team Members and/or their agencies provide appropriate records of costs incurred • Conduct an ESF-11 after-action review
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents

ESF-11 Animal Welfare Coordinating Agency Responsibilities

Pima Animal Control Center (PACC)	
Preparedness	<ul style="list-style-type: none"> • Ensure each of the preparedness responsibilities identified for the County ESF-11 <i>Animal Welfare Appendix</i> (listed above) are accomplished • Maintain an inventory of agency resources • Maintain current emergency contact information for ESF-11 agencies
Response	<ul style="list-style-type: none"> • Provide Agriculture, Animal Welfare and Natural Resource support in emergency/disasters, in accordance with departmental operations guides and protocols, existing MOUs and agreements, and ESF-11 • Ensure each of the response responsibilities identified for the County ESF-11 Team (listed above) are accomplished regardless of the activation/staffing level of the County EOC • Arrange for appropriate staffing of the County ESF-11 Team in the EOC throughout activations • Coordinate the activities of ESF-11 Team Members in the County EOC
Recovery	<ul style="list-style-type: none"> • Coordinate the ESF-11 support of recovery activities • Coordinate the restoration of ESF-11 resources and/or capabilities as needed • Ensure ESF-11 Team Members and/or their agencies provide appropriate records of costs incurred • Conduct an ESF-11 after-action review
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents

ESF-11 Animal Welfare Appendix Primary Agency Responsibilities

Pima Animal Care Center – Animal Control Officers	
Preparedness	<ul style="list-style-type: none"> • Assist with the ESF-11 <i>Animal Welfare Appendix</i> preparedness activities (listed above) • PACC will establish policies and regulations with respect to animals that are infected or suspected to be infected with rabies and have bitten humans.

Pima County Emergency Operations Plan

	<ul style="list-style-type: none"> • Support the Humane Society of Southern Arizona which operates animal shelters and collection points for displaced, stray or abandoned animals as a result of emergencies and disasters. • Maintain an inventory of agency resources • Provide current emergency contact information to Pima County Emergency Management and Homeland Security
Response	<ul style="list-style-type: none"> • Coordinate response activities with the ESF-11 in support of the ESF-11 mission • Coordinate and conduct rescue services for displaced, stray or abandoned animals as a result of emergencies and disasters. • Coordinate with Pima Department of Environmental Quality (PDEQ), Pima County Debris Management Group, the PDART, local veterinary organizations, and the Arizona Veterinary Medical Association, on the development of a plan to dispose of mass fatality contaminated and non-contaminated carcasses from impacted areas. • PACC coordinates planning and establishes alert, warning and mobilization protocols. PACC will coordinate agency response and recovery operations. • First responders to begin animal search and rescue • Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> • Coordinate the restoration of agency resources and/or capabilities as needed • Coordinate with CPSA to provide grief-counseling support to pet owners in coordination with the Pima Animal Care Center. • Participate in county-wide recovery planning and activities • Prepare the documentation required to become eligible for reimbursement • Participate in after-action reviews
Mitigation	<ul style="list-style-type: none"> • Identify and implement mitigation activities to prevent or lessen the impact of future incidents

ESF-11 Animal Welfare Appendix Support Agency Responsibilities

Pima County Sheriff's Department/ Jurisdictional Law Enforcement	
Preparedness	<ul style="list-style-type: none"> • Assist with the <i>ESF-11 Animal Welfare Appendix</i> preparedness activities (listed above) • Maintain an inventory of agency resources • Provide current emergency contact information to Pima County Emergency Management and Homeland Security
Response	<ul style="list-style-type: none"> • Provide law enforcement support in emergency/disasters, in accordance with departmental operations guides and protocols, existing MOUs and agreements, and the <i>ESF-11 Animal Welfare and Natural Resources Annex</i> including: <ul style="list-style-type: none"> ○ Dispatching services and communications support (city specific function) ○ Establish perimeter security ○ Establish security for evacuated areas ○ Establish security for staging/reception areas ○ Provide security for existing and/or temporary morgues or burial sites

Pima County Emergency Operations Plan

	<ul style="list-style-type: none"> ○ Provide security at facilities used for emergency purposes, animal shelters ○ Ensure the safety and well-being of responders. ● Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission ● Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> ● Coordinate the restoration of agency resources and/or capabilities as needed ● Participate in county-wide recovery planning and activities ● Prepare the documentation required to become eligible for reimbursement ● Participate in after-action reviews
Mitigation	<ul style="list-style-type: none"> ● Identify and implement mitigation activities to prevent or lessen the impact of future incidents
Community Animal Shelter Facilities, Volunteer/Community Groups, and the Humane Society of Southern Arizona	
Preparedness	<ul style="list-style-type: none"> ● Assist with the ESF-11 Team preparedness activities (listed above) ● Maintain an inventory of agency resources ● Provide current emergency contact information to Pima County Emergency Management and Homeland Security
Response	<ul style="list-style-type: none"> ● Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission ● Provide care of temporary shelter facility and animals being sheltered, to include intake and reclaim and reunion process ● Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> ● Coordinate the restoration of agency resources and/or capabilities as needed ● Participate in county-wide recovery planning and activities ● Prepare the documentation required to become eligible for reimbursement ● Participate in after-action reviews
Mitigation	<ul style="list-style-type: none"> ● Identify and implement mitigation activities to prevent or lessen the impact of future incidents
Pima County Department of Transportation and Natural Resources & Parks and Recreation	
Preparedness	<ul style="list-style-type: none"> ● Assist with the <i>ESF-11 Animal Welfare Appendix</i> preparedness activities (listed above) ● Maintain an inventory of agency resources ● Provide current emergency contact information to Pima County Emergency Management and Homeland Security
Response	<ul style="list-style-type: none"> ● Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission ● Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> ● Coordinate the restoration of agency resources and/or capabilities as needed ● Participate in county-wide recovery planning and activities ● Prepare the documentation required to become eligible for reimbursement ● Participate in after-action reviews

Pima County Emergency Operations Plan

Mitigation	<ul style="list-style-type: none"> Identify and implement mitigation activities to prevent or lessen the impact of future incidents
	<ul style="list-style-type: none">
	<ul style="list-style-type: none">
	<ul style="list-style-type: none">
	<ul style="list-style-type: none">
Jurisdictional Fire Departments/Districts	
Preparedness	<ul style="list-style-type: none"> Assist with the ESF-11 Team preparedness activities (listed above) Maintain an inventory of agency resources Provide current emergency contact information to Pima County Emergency Management and Homeland Security
Response	<ul style="list-style-type: none"> Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> Coordinate the restoration of agency resources and/or capabilities as needed Participate in county-wide recovery planning and activities Prepare the documentation required to become eligible for reimbursement Participate in after-action reviews
Mitigation	<ul style="list-style-type: none"> Identify and implement mitigation activities to prevent or lessen the impact of future incidents
Pima Department of Environmental Quality	
Preparedness	<ul style="list-style-type: none"> Prepare plans for mass disposal of animal carcasses Assist with the ESF-11 Team preparedness activities (listed above) Maintain an inventory of agency resources Provide current emergency contact information to Pima County Emergency Management and Homeland Security
Response	<ul style="list-style-type: none"> Coordinate response activities with the ESF-11 Team in support of the ESF-11 mission Support Debris Management Plan for disposal of animal carcasses with technical expertise and consultation Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> Coordinate the restoration of agency resources and/or capabilities as needed Participate in county-wide recovery planning and activities Prepare the documentation required to become eligible for reimbursement Participate in after-action reviews
Mitigation	<ul style="list-style-type: none"> Identify and implement mitigation activities to prevent or lessen the impact of future incidents
Local Veterinary Medical Association/Network	
Preparedness	<ul style="list-style-type: none"> Assist with the ESF-11 Team preparedness activities (listed above) Maintain an inventory of agency resources Provide current emergency contact information to Pima County Emergency Management and Homeland Security
Response	<ul style="list-style-type: none"> Coordinate response activities with the ESF-11 Team in support of the ESF-11

Pima County Emergency Operations Plan

	mission <ul style="list-style-type: none"> ○ Provide listings of resources available and assistance with their procurement and delivery ○ Coordinate pet shelter activities with the Extension Office and other farm related agencies or organizations for issues regarding livestock. ○ Provide animal health care as appropriate <ul style="list-style-type: none"> ● Send agency representatives to the County EOC as part of the ESF-11 Team when activated
Recovery	<ul style="list-style-type: none"> ● Coordinate the restoration of agency resources and/or capabilities as needed ● Participate in county-wide recovery planning and activities ● Prepare the documentation required to become eligible for reimbursement ● Participate in after-action reviews
Mitigation	<ul style="list-style-type: none"> ● Identify and implement mitigation activities to prevent or lessen the impact of future incidents

POLICIES, AUTHORITIES AND REFERENCES

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

Animal Disposal References:

Iowa State University has developed a website with information on emergency livestock composting (<http://www3.abe.iastate.edu/cattlecomposting/index.asp>)

The Cornell Waste Management Institute has published several articles on livestock composting (<http://cwmi.css.cornell.edu/>)

The University of Missouri published Composting Dead Swine (<http://extension.missouri.edu/publications/DisplayPub.aspx?P=WQ351>)

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

APPENDIX DEVELOPMENT AND MAINTENANCE

Pima County Emergency Operations Plan

The Pima Animal Care Center (PACC) will have overall responsibility for the development, review, and revision of this Appendix.

Other primary and support agencies are encouraged to review and recommend changes to this Appendix.

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